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**Via Email and Overnight Service**

June 30, 2014

Samuel Unger
Executive Officer
California Regional Water Quality Control Board –
Los Angeles Region
320 W. Fourth Street, Suite 200
Los Angeles, California 90013

Re: *Former Kast Property, Case No. SCP 1230 – Submission of the Revised Remedial Action Plan and Associated Documents*

Dear Executive Officer Unger:

On behalf of Shell Oil Company and Shell Oil Products US (collectively "Shell"), the Revised Remedial Action Plan, Revised Human Health Risk Assessment ("HHRA") Report and Revised Feasibility Study are being submitted to the Regional Water Quality Control Board – Los Angeles Region ("Regional Board") today. While Shell believes the Remedial Action Plan, HHRA Report and Feasibility Study originally submitted on March 10, 2014 proposed a remedial approach that would address the environmental conditions in the Carousel neighborhood and protect the Carousel residences, Shell and its consultants have revised these documents to address the comments and directives contained in the Regional Board's April 30, 2014 letter.

These documents were prepared using well-accepted and established scientific guidance and protocols, including the guidance documents specified by the Regional Board in the Cleanup and Abatement Order for this site. The analyses contained in these documents are based on the extensive testing data from the residential properties and public rights-of-way in and adjacent to the Carousel neighborhood (including over 11,000 soil samples, 2,700 soil vapor samples and 2,400 indoor and outdoor air samples). Testing has been performed at 95% of the Carousel homes and has been completed at over 80% of the homes. While Shell continues to conduct outreach to schedule testing at the remaining homes, the extensive and robust data obtained so far provide a solid foundation upon which to base the selected remedial approach.

To summarize the findings from Shell's investigation of the conditions in the Carousel neighborhood:

- Based on the testing data, the Los Angeles County Health Department and the Regional Board have all concluded that there is no exposure in the neighborhood that poses an imminent health risk or explosion hazard.
- Results from sampling of indoor and outdoor air and sub-slab soil vapor have shown that vapor intrusion from sub-slab soil vapor to indoor air is not occurring to any measurable extent in homes.
- Groundwater monitoring has revealed the presence of groundwater impacts beneath the site that are generally limited to the shallow zone. The groundwater plume is stable and/or decreasing and has not migrated offsite to any significant extent. The drinking water in the Carousel neighborhood, which does not come from groundwater in the shallow zone, is safe. California Water Service Company regularly tests community drinking water, and has confirmed that the water meets the applicable drinking water quality standards.
- Soil impacts exist at many of the properties in the Carousel neighborhood. These impacts do not pose an imminent health risk. Using very conservative, health-protective standards, the remedial approach proposed in the Remedial Action Plan fully addresses the potential for exposure to impacted shallow soils at residential properties.

In light of these findings and based on the data and the applicable scientific guidance and protocols, the Revised **Remedial Action Plan** proposes the following steps:

- Excavation of shallow soils from the yards at residential properties will be conducted at properties where Remedial Action Objectives based on unrestricted land use are not met under existing conditions. Excavation will be conducted in both landscaped and hardscaped areas of residential yards, excluding beneath City sidewalks and streets, to a depth of 5 feet below ground surface ("bgs"). The excavation will also remove residual concrete slabs if encountered within the depth excavated.
- Because residents cannot excavate below 3 feet without obtaining a permit, the possibility of exposure to soils remaining below 3 feet bgs is currently controlled by existing ordinances. The proposed excavation to 5 feet bgs is to satisfy the Board's concerns about residents excavating below 3 feet without getting a permit. The Revised Remedial Action Plan explains how notifications, management, and handling of residual soils that are impacted by COCs will limit exposures to deeper soils.
- In order to address the Board's desire to remove a greater amount of mass more quickly to minimize potential impacts to groundwater, Shell also proposes targeted deeper excavation of soils from 5 to 10 feet bgs at specific properties where data analysis and modeling indicate that concentrations exceed 10 times the site-specific cleanup goals ("SSCGs") for total petroleum hydrocarbons. Soil vapor extraction ("SVE") and

bioventing will be used to address petroleum hydrocarbons and VOCs in residual soils and soil vapor, and methane in soil vapor. SVE wells will be installed in City streets and on certain residential properties, as appropriate to ensure adequate coverage.

- Bioventing will be conducted via cyclical operation of SVE wells to increase oxygen levels in subsurface soils and promote microbial activity and degradation of longer-chain petroleum hydrocarbons.
- Extensive testing at the site shows that vapor intrusion does not appear to be impacting indoor air. However, as an additional protective measure, sub-slab mitigation will be implemented at 28 properties based on sub-slab soil vapor data. In addition, Shell is prepared to offer installation of a sub-slab mitigation system to any of the homeowners in the Carousel neighborhood to alleviate concerns about potential impacts to their indoor air from the site.
- LNAPL will continue to be recovered where it has accumulated in monitoring wells to the extent technologically and economically feasible, and where a significant reduction in current and future risk to groundwater will result.
- Compounds in groundwater will be reduced to the extent technologically and economically feasible via source reduction and monitored natural attenuation. Groundwater monitoring will continue as part of remedial actions. Monitored natural attenuation could be paired with contingency groundwater remediation of oxidant injection in areas where Site-related COCs exceed 100x MCL if, after a five-year review following start of SVE/bioventing operations, the groundwater plume is not stable or decreasing. In addition, upgradient sources would need to be addressed by the overseeing agencies.

Shell believes that this approach accomplishes the remedial objectives set forth in the Revised Site-Specific Cleanup Goals Report, protects the health and safety of the Carousel residents, minimizes the inconvenience to the residents and surrounding communities, sets in place a long-term groundwater protection plan, achieves the SSCGs, and, importantly, preserves the integrity of the neighborhood.

Along with the Revised Remedial Action Plan, Shell is submitting a Revised Feasibility Study and a Revised HHRA Report. The Revised **Feasibility Study** analyzes and compares in detail the selected approach along with a number of possible alternative approaches, and weighs each alternative against the goals of reducing potential exposures to residents, protecting groundwater quality, preserving the neighborhood and the other factors set forth in the Cleanup and Abatement Order for the Carousel neighborhood, State Water Board Resolution No. 92-49, and other applicable regulations.

The Revised **HHRA Report** applies the Site-Specific Cleanup Goals to the extensive testing data that Shell has obtained from the Carousel residences, and the results of this analysis was used to determine what specific work needs to be done at each of the Carousel residences.

The next step is for the Regional Board and the other involved agencies to review the Revised Remedial Action Plan. It will then be made available for public comment and a simultaneous public comment period will occur as part of the environmental review required by the California Environmental Quality Act that the Regional Board has undertaken with Shell's support. Once a Final Environmental Impact Report is issued and adopted, the Revised Remedial Action Plan receives final approval from the Regional Board, the necessary permits for the work have been issued and access is granted, the remedial work in the Carousel neighborhood will begin. Shell plans to meet with the homeowners and residents at individual properties (and their legal representatives) where work will be performed to explain the property specific remedial plan, answer questions, gather information that will be used in arranging alternative accommodations during the work, and schedule the work.

Shell looks forward to continuing to work with the Regional Board and is committed to moving forward with implementing this Revised Remedial Action Plan as soon as possible.

Sincerely,

Douglas Weimer
Sr. Principle Program Manager
Shell Oil Products US

Enclosures

*Prepared for:*

**Shell Oil Products US**
20945 S. Wilmington Avenue
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# Revised Human Health Risk Assessment Report

## Former Kast Property
## Carson, California

*Prepared by:*

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engineers | scientists | innovators

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June 30, 2014

Geosyntec consultants

# REVISED HUMAN HEALTH RISK ASSESSMENT REPORT

## Former Kast Property
## Carson, California

*Prepared for:*

**Shell Oil Products US**

*Prepared by:*

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**CERTIFICATION**

**REVISED HUMAN HEALTH RISK ASSESSMENT REPORT**

**FORMER KAST PROPERTY**

**CARSON, CALIFORNIA**

I am the Senior Project Manager for Equilon Enterprises LLC doing business as Shell Oil Products US for this project. I am informed and believe that the matters stated in the Revised Human Health Risk Assessment Report dated June 30, 2014 are true, and on that ground I declare, under penalty of perjury in accordance with Water Code section 13267, that the statements contained therein are true and correct.

Doug Weimer
Senior Principle Program Manager
Shell Oil Products US
June 30, 2014

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| | |
|---|---|
| **95UCL** | 95 Percent Upper Confidence Limit of the Average Concentration |
| **$AF_{leach}$** | Soil-Leaching-To-Groundwater Attenuation Factor |
| **BaP-eq** | Benzo(a)pyrene Equivalent |
| **BF** | Bioattenuation Factor |
| **BTEX** | Benzene, Toluene, Ethylbenzene, and Xylenes |
| **BTV** | Background Threshold Value |
| **Cal-EPA** | California Environmental Protection Agency |
| **CHHSL** | California Human Health Screening Level |
| **COC** | Constituents of Concern |
| **cPAHs** | Carcinogenic PAHs |
| **CSF** | Cancer Slope Factor |
| **CSM** | Conceptual Site Model |
| **DTSC** | Department of Toxic Substances Control |
| **EC** | Exposure Concentration |
| **EF** | Exposure Factor |
| **EPC** | Exposure Point Concentration |
| **FS** | Feasibility Study |
| **ft bgs** | Feet Blew Ground Surface |
| **HHRA** | Human Health Risk Assessment |
| **HHSRE** | Human Health Screening Risk Evaluation |
| **HI** | Hazard Index |
| **IF** | Intake Factor |
| **ILCR** | Incremental Lifetime Cancer Risk |
| **IRIS** | Integrated Risk Information System |
| **IUR** | Inhalation Unit Risk Factor |
| **MCL** | Maximum Contaminant Level |
| **NL** | Notification Level |
| **OEHHA** | Cal-EPA Office of Environmental Health Hazard Assessment |
| **PAH** | Polycyclic Aromatic Hydrocarbon |
| **PCE** | Tetrachloroethene |
| **PEF** | Particulate Emission Factor |
| **PM10** | Particulate Matter Less than 10 Micrometers in Diameter |
| **PRG** | Preliminary Remedial Goal |
| **RAP** | Remedial Action Plan |
| **RBSL** | Risk-Based Screening Level |

| | |
|---|---|
| **REL** | Reference Exposure Level |
| **RfC** | Inhalation Reference Concentration |
| **RfD** | Reference Doses |
| **RSL** | Regional Screening Level |
| **SSCG** | Site-Specific Cleanup Goal |
| **SVOC** | Semi-Volatile Organic Compound |
| **TCE** | Trichloroethene |
| **TEF** | Toxicity Equivalency Factor |
| **THM** | Trihalomethane Compounds |
| **TPH** | Total Petroleum Hydrocarbon |
| **TPHd** | TPH Diesel Range |
| **TPHg** | TPH Gasoline Range |
| **TPHmo** | TPH Motor Oil Range |
| **USEPA** | United States Environmental Protection Agency |
| **UTL** | Upper Tolerance Limit |
| **VF** | Volatilization Factor |
| **VOC** | Volatile Organic Compound |

## 1.0 INTRODUCTION

Geosyntec Consultants, Inc. (Geosyntec) has prepared this Revised Human Health Risk Assessment (Revised HHRA) for the Former Kast Property (Site) in Carson, California on behalf of Equilon Enterprises LLC, doing business as Shell Oil Products US (SOPUS), for Shell Oil Company ("Shell"). This Revised HHRA is submitted as directed by the Regional Water Quality Control Board (Regional Board or RWQCB) in their letter dated April 30, 2014. The Revised HHRA is submitted concurrently with, and to provide a basis for, the Revised Feasibility Study (Revised FS) and the Revised Remedial Action Plan (Revised RAP). The Revised FS and Revised RAP are being submitted to the RWQCB under separate cover.

Shell submitted a Revised Site-Specific Cleanup Goal Report (Revised SSCG Report) on October 21, 2013 (Geosyntec, 2013a) in response to a RWQCB directive in a letter of August 21, 2013. In a letter from RWQCB dated January 23, 2014, RWQCB provided comments and directives to Shell (RWQCB, 2014a).

In response, Shell submitted a HHRA, a FS Report, and a RAP on March 10, 2014. On April 30, 2014, the RWQCB responded to these submittals with a comment letter (RWQCB, 2014b). As a part of the comment letter, the Office of Environmental Health Hazard Assessment (OEHHA) and the UCLA Expert Panel provided comments. Together, these response documents required that Shell resubmit the FS Report, the RAP and the HHRA. Shell is complying with RWQCB's request with this Revised HHRA, which is being submitted concurrently with the Revised FS and Revised RAP.

The Regional Board also directed Shell in its January 23, 2014 letter to use RWQCB-revised SSCGs in preparing the RAP and HHRA. This Revised HHRA incorporates the RWQCB-revised SSCGs with corrections made by the RWQCB for benzene and TPH-motor oil (TPHmo) as presented in its May 29, 2014 letter.

Geosyntec conducted this Revised HHRA to estimate potential human health risks associated with constituents of concern (COCs) detected in soil, sub-slab soil vapor, and soil vapor at the Site. The objective of this Revised HHRA is to evaluate potential human health impacts to onsite residents and onsite construction and utility maintenance workers. In addition, potential leaching of COCs from soil to underlying groundwater is evaluated. The findings of this Revised HHRA are used as a basis for remedy evaluation in the Revised FS, and remedial action planning as presented in the Revised RAP.

Based upon the multiple lines of evidence evaluations presented in the Follow-up Indoor Air Reports and Final Interim Reports, Geosyntec and URS have concluded that constituents detected in indoor air are reflective of background sources. Notwithstanding the fact that regulatory guidance does not require remediation of COCs present at or below background levels, the RWQCB directed Shell to evaluate theoretical exposures due to the vapor intrusion pathway using the detected concentrations of COCs in sub-slab soil vapor. In addition the RWQCB directed Shell to evaluate deeper soil vapor data for the vapor intrusion pathway. The Revised HHRA includes this vapor intrusion evaluation and theoretical exposures were calculated using conservative assumptions.

A Site location map is provided as **Figure 1**. The Site is a former oil storage facility that was sold by Shell Oil Company to a developer who redeveloped the Site into the Carousel subdivision containing 285 single family houses (**Figure 2**). Based on historical operations, the primary Site COCs are related to crude oil and bunker oil.

## 1.1 Risk Assessment Approach

The methodology used in this Revised HHRA is consistent with current United States Environmental Protection Agency (USEPA), Los Angeles Regional Water Quality Control Board (RWQCB or Regional Board), and California Environmental Protection Agency (Cal-EPA) Department of Toxic Substances Control (DTSC) guidance (USEPA, 1989; 1991a; 2002ab; 2009; 2013ab; RWQCB, 1996; Cal-EPA, 2011ab; 2013) including the withdrawn *Interim Guidance on Evaluating Human Health Risks from Total Petroleum Hydrocarbons (TPH)* (Cal-EPA, 2009)[1]. The Revised HHRA is a predictive tool used to assess the potential human health risks associated with releases of Site-related chemicals. This information will be used in the remedial decision-making process to determine if further action is warranted.

This Revised HHRA consists of the following major components, which are summarized briefly as follows:

- *Data Evaluation and Selection of COCs*: COCs at the Site (defined as potentially hazardous chemicals associated with the Site that are present at concentrations higher than background levels) were identified by reviewing

[1] Note that the Cal-EPA *Interim Guidance on Evaluating Human Health Risks from Total Petroleum Hydrocarbons (TPH)* is no longer active; however, information provided in this document has now been incorporated into the Preliminary Endangerment Assessment Manual (Cal-EPA, 2013).

environmental sampling data collected in soil, sub-slab soil vapor, and soil vapor samples.

- *Identification of Potentially Exposed Populations and Exposure Pathways:* Potentially relevant populations that could be exposed to Site-related COCs based on the current and likely future land use was identified. For each land use scenario, the magnitude, frequency and duration of the exposures, and the pathways by which humans could potentially be exposed to Site-related constituents were evaluated. The exposure scenarios are summarized in the Conceptual Site Model (CSM), which includes the sources, affected media, release mechanisms, and exposure pathways for each identified receptor population.
- *Fate and Transport Modeling:* Current agency-approved fate and transport models were used to estimate the movement of COCs from soil to outdoor air, soil vapor to outdoor air, as well as from sub-slab and soil vapor into indoor air. Regulatory guidance such as USEPA's Soil Screening Guidance (USEPA, 2002b) was used to estimate COC migration from soil and soil vapor to outdoor air.
- *Toxicity Assessment:* The relationship between the magnitude of exposure and potential adverse health effects (dose-response assessment) is presented for each COC. Toxicity criteria for each COC were identified and used to estimate the likelihood of adverse effects which potentially could occur at different exposure levels.
- Site-Specific Cleanup Goals (SSCGs): Results of the exposure and toxicity assessments were analyzed and combined to develop risk-based SSCGs for each COC and for each of the exposure scenarios. Additionally, SSCGs for potential migration to groundwater through leaching were used. SSCGs based on local and regional background have also been developed for the Site. The SSCGs presented are primarily from the Revised Site-specific Cleanup Level report (Revised SSCG Report) incorporating modifications to address agency comments on the Revised SSCG Report received in January 2014. SSCGs related to soil leaching to groundwater presented in this Revised HHRA are those directed by the Regional Board in the January 23, 2014 letter on the Revised SSCG Report (RWQCB, 2014a), as corrected in the May 29, 2014 letter from the Regional Board for benzene and TPHmo (RWQCB, 2014c).
- *Risk Characterization:* Comparison of the SSCGs to the detected soil, sub-slab soil vapor, and soil vapor concentrations was conducted to estimate the cumulative health risks to defined populations (residents and construction and

utility maintenance workers) posed by the presence of multiple COCs. In addition comparison of the soil leaching to groundwater SSCGs to the detected concentrations was conducted.

- *Uncertainty Analysis:* The uncertainties associated with each of the previous steps are discussed to assist decision-makers in evaluating the Revised HHRA results in the context of the assumptions and variability in the data used.

This Revised HHRA addresses potential onsite exposures to current residents and construction and utility maintenance workers. Potential exposures to COCs detected in shallow soils have been evaluated for the direct contact pathways, as well as inhalation of volatile COCs in outdoor air and nonvolatile COCs in fugitive dust. Additionally, the potential for volatile COCs to migrate from the subsurface (using sub-slab and soil vapor data) into residential structures present above ground was evaluated for a resident. Potential exposures to COCs in soil vapor were also evaluated for inhalation of vapors in outdoor air. And lastly, potential COCs in soil leaching to groundwater was evaluated.

The following subsections provide a summary of the Site background information and a summary of the risk assessment objectives and approach.

## 1.2 Site Background Information

The Kast Property is a former petroleum storage facility that was operated by a Shell Oil Company predecessor from the mid-1920s to the mid-1960s. The property was sold to real estate developers who redeveloped it into the Carousel Community residential housing tract by others in the late 1960s and early 1970's. The Site is located in the City of Carson in the area inclusive of Marbella Avenue on the west and Panama Avenue on the east and E. 244th Street on the north to E. 249th Street to the south (**Figure 1**). The Site is bordered by the Los Angeles County Metropolitan Transportation Authority (MTA) railroad tracks to the north (formerly owned by the BNSF Railway Company), Lomita Boulevard to the south, residential properties of the Monterey Pines Community and industrial property of the former Turco Products Facility to the west, and residential properties to the east (**Figure 2**).

Detailed Site background information, including information on historical Site operations, onsite structures formerly present, Site demolition, and development was provided in the Plume Delineation Report (URS, 2010) and the Site Conceptual Model (SCM, Geosyntec, 2010b), included as Appendix A to the Plume Delineation Report. The Site was undeveloped until 1923 when Shell Company of California purchased the 44-acre property from Mary Kast and constructed three oil storage reservoirs on the

Site. Two of the reservoirs (the central and southern Reservoirs No. 5 and 6) had capacities of 750,000 barrels each, and the third reservoir (northern Reservoir No. 7) had a capacity of 2 million barrels. The reservoirs were partially in-ground and partially aboveground and with earthen berms constructed using soils excavated from the below-ground portions of the reservoirs. The reservoirs had wire-mesh reinforced concrete-lined floors and side walls, and were covered with wood frame roofs supported by wooden posts on concrete pedestals (URS, 2010). The outer berms were 15 to 20 feet above surrounding grade, and the outer walls of the berms are believed to have been covered with asphalt. The oil storage reservoirs were primarily used to store crude oil. Historical records cited in the Plume Delineation Report (URS, 2010) indicate that bunker oil or heavier intermediate refinery streams may also have been stored in the reservoirs at one time, but the time and quantity of bunker oil storage is unknown. The reservoirs were not used to store refined finished hydrocarbon products.

Site use remained as an active oil storage facility until the 1950s, when the Site was kept on a standby reserve basis. In October of 1965, Shell Oil Company entered into a Purchase Option Agreement to sell the Site, with the oil storage reservoirs intact, to Richard Barclay or his nominee. Richard Barclay was a principal in Barclay Hollander Curci, later renamed Barclay Hollander Corporation (BHC), and Lomita Development Company (Lomita Development). Lomita Development was subsequently merged into BHC. BHC is now a wholly-owned subsidiary of Dole Food Company, Inc. (Dole).

In December 1965, Richard Barclay designated Lomita Development Company as his nominee for purchase of the Site. The property was evaluated for BHC and Lomita Development by Pacific Soils Engineering, which performed soil borings and developed engineering studies and grading plans for the Site. In 1966, BHC and its contractors conducted these studies, removed the remaining residual oil and water from the reservoirs, demolished the reservoirs and graded the Site. Lomita Development's request to rezone the Site from industrial to residential was approved by Los Angeles County in October 1966, and in the same month, title was transferred to Lomita Development under the Purchase Option Agreement. Construction of homes began in 1967 and was apparently completed by the early 1970s. The Site has remained residential since that time. More detailed information on the Site background is included in Appendix A (Geosyntec, 2010b) of the Plume Delineation Report (URS, 2010).

### 1.3 Environmental Setting, Geology, and Hydrogeology

The Site consists of approximately 44 acres occupied by 285 single-family residential properties and City streets collectively referred to as the Carousel Tract. It is located

within the West Coast Basin of the Los Angeles Coastal Plain, approximately 3 miles northwest of Long Beach Harbor. The Site is relatively flat, with a gradual slope to the northwest. The elevation across the Site ranges from approximately 30 to 40 feet above mean sea level (msl). The Site is not located within a 100- or a 500-year Federal Emergency Management Agency (FEMA) designated flood zone (URS, 2008). Historically, the Site area has been an oil production area, and active oil production wells are still present to the west and northwest of the Site. Due to historical oil production, the area directly south of the Site across Lomita Boulevard is designated as within the City of Los Angeles methane mitigation zone.

Geologically, the Basin consists of a very thick sequence of unconsolidated marine and continental sediments overlying consolidated sedimentary rocks that range in age from a few thousand years to tens of million years. Based on Site investigations, the upper 10 feet of soil beneath the Site generally is dominantly fine grained and consists of silt with layers or lenses of silty fine sand. Soils between 10 and 15 feet below ground surface (ft bgs) consist primarily of silt and silty fine sand. From 15 to 85 ft bgs Site soils consist of fine sands to silty fine sand. Soils encountered between 85 and approximately 180 ft bgs consist of silt, silty sand, and fine to medium sand.

Shallowest groundwater encountered beneath the Site occurs within the Bellflower aquitard, an overall fine-grained unit that locally has sandy intervals. First groundwater occurs at a depth of approximately 53 ft beneath the Site, with a groundwater flow direction to the northeast (URS, 2014).

The Gage aquifer occurs beneath the Bellflower aquitard and extends from approximately 90 to 170 ft bgs. Groundwater flow direction in the Gage aquifer is to the east-northeast. The Lynwood aquifer, also known as the "400-foot Gravel," and the deeper Silverado aquifer are located below the Gage aquifer and may be merged in the Site vicinity (CDWR, 1961). The Lynwood aquifer is dominated by coarse sand and gravel in the Site vicinity (Equilon, 2001). These two aquifers extend from approximately 200 ft bgs to at least 550 ft bgs in the Site vicinity. The Lynwood and Silverado aquifers are major sources of groundwater for municipal drinking water wells in the Los Angeles Basin (Equilon, 2001). However, neither the Gage aquifer, nor the shallow Bellflower aquitard (in which the first regional unconfined groundwater was encountered at the Site) is a known source for drinking water in the Site area.

The nearest drinking water well, CWS Well 275, is located 435 ft west of the western Site boundary, upgradient of the Site and downgradient of the Former Fletcher Oil Refinery. CWS Well 275 produces water from the Lynwood and Silverado aquifers which are below 200 ft bgs in this area. Drinking water is supplied to the Carousel

neighborhood and surrounding communities by California Water Services Company (Cal-Water), which regularly tests the drinking water to ensure that it meets state and federal drinking water standards.

# 2.0 DATA EVALUATION AND SELECTION OF CONSTITUENTS OF CONCERN

An initial step in the risk assessment process is an evaluation of available data to identify media-specific COCs. A variety of samples have been collected as a part of the Site investigation process. Detected compounds include inorganics, polycyclic aromatic hydrocarbons (PAHs), total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals. These compounds, if they were detected in at least one sample in a given media (soil or soil vapor), were included in the COC selection process. A toxicity-concentration screen was then used to focus the list of COCs to those chemicals that have the potential to contribute significantly to potential risk at the Site, as discussed in Section 2.2 below. The COCs evaluated in the Revised HHRA are consistent with the COCs presented in the Revised SSCG Report with the addition of toluene and xylenes as requested by the Regional Board in their letter dated January 23, 2014 (RWQCB, 2014a).

## 2.1 Data Evaluation

A variety of samples have been collected in previous Site investigations. Each sample collected may have been analyzed for a number of different chemicals. Data included in the May 23, 2014 version of the site database have been evaluated to determine which of the chemicals identified are likely to be Site-related and to assess whether the reported concentrations for these chemicals are of acceptable quality for use in this Revised HHRA.

The data evaluation is consistent with guidance provided by USEPA in *Risk Assessment Guidance for Superfund* (1989) and *Guidance for Data Usability in Risk Assessments* (1992). The evaluation included:

- Evaluating the appropriateness of the analytical methods employed during the various site investigations in relation to the types of industrial processes and potential COCs;
- Evaluating the quality of data with respect to sample quantification and detection limits;
- Examining laboratory qualifiers assigned to monitoring data and evaluating potential quality assurance/quality control problems; and
- Evaluating field duplicate samples.

The analytical data were reviewed with respect to any potential qualifiers, but none were found that would impact the Revised HHRA significantly. A few samples that were rejected due to validation were not included in the risk assessment database. In addition, soil samples that have been removed through excavation were not included.

Field duplicates are collected to evaluate the quality of sample collection as well as sample analysis. Field duplicate samples are usually two samples collected simultaneously from the same sampling location and are used as measures of either the homogeneity of the medium sampled in a particular location or the precision in the sampling and sample handling (in transport and/or in the laboratory).

For cases where a field duplicate sample result is present for the same chemical in a sample, a single representative concentration for the sample was selected as follows:

1) If there had been a detection in both samples the higher concentration was selected;
2) If there had been a detection in one sample but not the other, the detected concentration was selected; and
3) If both samples had been nondetects, the lowest method detection limit was selected and appropriate techniques for handling nondetect data were applied in calculating statistics later in the data evaluation.

## 2.2 Selection of Constituents of Concern

USEPA risk assessment guidance presents a methodology for identifying which detected chemicals should be included in a quantitative risk assessment. These are defined by USEPA (1989) as chemicals potentially related to the site whose data are of sufficient quality for use in a quantitative risk assessment. USEPA guidance states that the list of chemicals should include all chemicals that were:

1) Positively detected in at least one sample;
2) Detected above levels of the same chemicals found in associated blank samples;
3) Tentatively identified but may be associated with the Site based on historical information;
4) Transformation products of detected chemicals; and
5) Detected above naturally occurring levels (background).

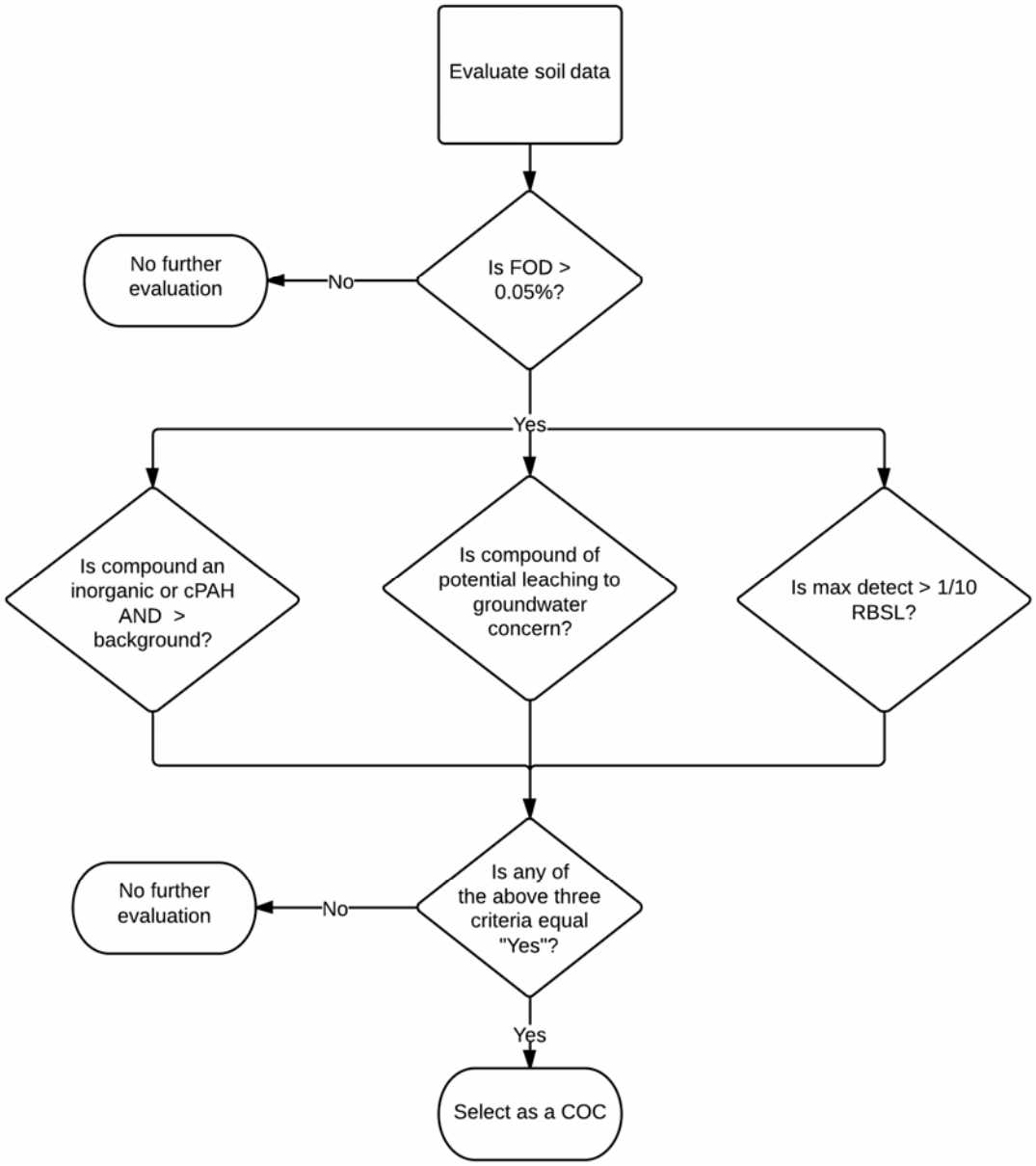
All data determined to be of sufficient quality were carried forward into the COC selection process described below.

Analytical results for soil samples collected between 0 and 10 ft bgs were used to screen for soil COCs consistent with the depth interval specified in the Cleanup and Abatement Order issued by the Regional Board. This soil interval was evaluated based on the assumption that 10 ft would be the likely maximum depth of disturbance for Site use and maintenance activities, and is therefore the maximum depth of soil to which residents or construction and utility maintenance workers could be directly exposed. Analytical results for sub-slab soil vapor and soil vapor samples collected at the Site were used to screen for soil vapor COCs.

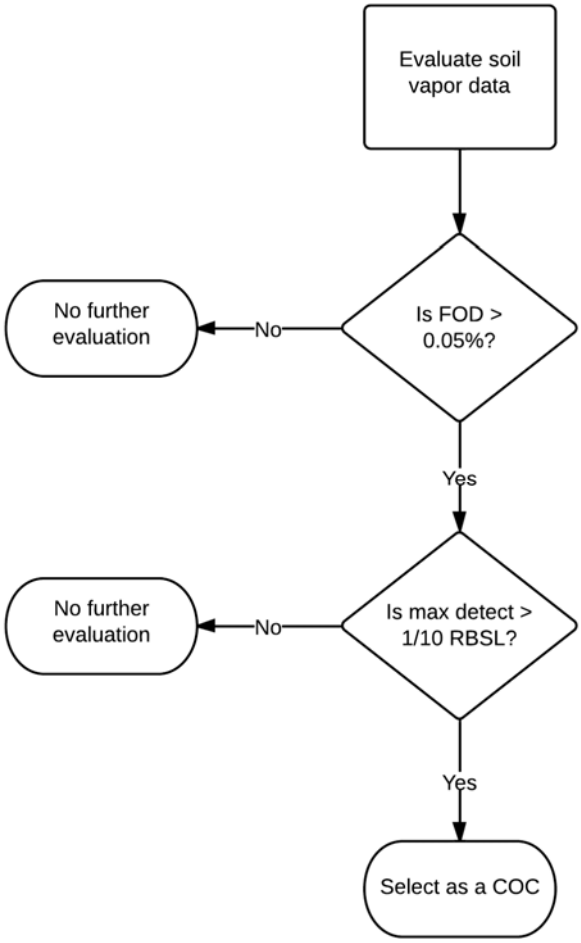
The prevalence and range of concentrations of all chemicals that were detected at least once in soil, soil vapor, and groundwater across the Site are presented in **Tables 1 through 3**, respectively. The following three criteria were used to determine if a chemical should be included or excluded as a COC for the Revised HHRA:

1) Frequency of detection (FOD);
2) Comparison to screening levels such as risk-based screening levels (RBSLs); and
3) Comparison with background for metals and carcinogenic PAHs (cPAHs).

A flow chart presenting the steps used to select soil COCs is presented below:


Evaluate soil data
Is FOD > 0.05%?
No
No further evaluation
Yes
Is compound an inorganic or cPAH AND > background?
Is compound of potential leaching to groundwater concern?
Is max detect > 1/10 RBSL?
Is any of the above three criteria equal "Yes"?
No
No further evaluation
Yes
Select as a COC

A flow chart presenting the steps used to select soil vapor[2] COCs is presented below:




### 2.2.1 Frequency of Detection

The first step of COC selection involved excluding a chemical as a COC if it was detected in five or less samples collected from across the Site. Due to the large number of soil samples collected (over 10,000) this equates to less than or equal to 0.05 percent

[2] Unless otherwise specified in this document, the term "soil vapor" is used to address both sub-slab and deeper soil vapor.

of soil samples. If a chemical had a frequency of detection less than 0.05 percent, it was not evaluated further in the Revised HHRA as a COC.

To identify COCs for each media, the maximum concentration for that media was compared to one-tenth of its respective RBSL. One-tenth of the RBSL was used as a conservative approach to screen chemicals for further analysis and to address potential cumulative effects. If the maximum concentration was greater than one-tenth of the RBSL it was selected as a COC for the Site. In addition to the RBSL screen, the COC screening process for metals and carcinogenic PAHs (cPAHs as benzo(a)pyrene equivalents) included a comparison to Site background, with only those compounds exceeding background being selected as COCs (see Section 2.2.3 below).

For the selection of soil COCs to address the leaching to groundwater pathway, chemicals that were detected in groundwater above their respective maximum contaminant level (MCL) or notification level (NL) were carried forward into the Revised HHRA. Based on the site conceptual model (SCM) presented in Section 2 of the Revised SSCG report (Geosyntec, 2013a) and the age of potential petroleum releases at the Site, groundwater impacts from leaching from Site soils are not expected to change appreciably. As a result, the inclusion of chemicals that have been detected above MCLs and NLs is considered appropriate for COC selection. For TPH constituents, no MCL or NL is available but, given their prevalence in Site soils, they were included as COCs in the evaluation of leaching to groundwater. The Site-related and non-Site-related COCs listed below were evaluated in this Revised HHRA for potential leaching to groundwater.

*Site-related Soil COCs for Leaching to Groundwater Evaluation:*

- Arsenic
- Benzene
- Naphthalene
- TPH as Diesel
- TPH as Gasoline
- TPH as Motor Oil

*Non-Site-related Soil COCs for Leaching to Groundwater Evaluation:*

- 1,2-Dichloroethane
- cis-1,2-Dichloroethene
- 1,2,3-Trichloropropane
- 1,4-Dichlorobenzene
- Antimony
- Thallium
- Tert-Butyl Alcohol
- Tetrachloroethene
- Trichloroethene
- Vinyl Chloride

### 2.2.2 Background Metals and PAH Evaluation

Metals may be associated with petroleum hydrocarbons, but are also naturally occurring in the environment. According to the DTSC (Cal-EPA DTSC 1997, 2009a, 2009d, 2011b) for naturally occurring materials such as metals, an evaluation of background concentrations is important to evaluate whether the metals concentrations at the Site are consistent with naturally occurring levels in the area, and whether they should be included in the risk assessment. If concentrations of a metal are within background, the metal is not considered a COC and is not evaluated further.

In addition to metals, cPAHs can also be naturally occurring or present at ambient levels not associated with former Site activities. A background dataset and methodology has been developed by DTSC that can be used to evaluate the presence of cPAHs in soil as benzo(a)pyrene equivalents (Cal-EPA DTSC, 2009c). Soil samples collected from the Site were analyzed by USEPA Method 8270 and USEPA Method 8270SIM and include the carcinogenic PAHs (cPAHs) that are commonly considered in the benzo(a)pyrene equivalents calculation as presented in the Cal-EPA DTSC background PAH methodology document (Cal-EPA DTSC, 2009c), as well as other PAHs that are considered carcinogenic (e.g. naphthalene).

Benzo(a)pyrene equivalent (BaP-eq) concentrations were calculated for the Site data using a toxicity equivalency factor (TEF) approach. TEFs are based on shared characteristics that can be used to rank the class of chemicals by carcinogenic potency. The ranking procedure is accomplished by referencing the chemicals to the characteristics and potency of benzo(a)pyrene, which is often used as the reference chemical for expressing the carcinogenic potency of the other cPAHs. Therefore, the cPAHs are indexed to benzo(a)pyrene to generate their TEFs. The TEFs are listed below for the seven cPAHs based on Cal-EPA guidance (Cal-EPA, 2009c):

| cPAHs | TEFs |
|---|---|
| Benzo(a)anthracene | 0.1 |
| Benzo(a)pyrene | 1.0 |
| Benzo(b)fluoranthene | 0.1 |
| Benzo(k)fluoranthene | 0.1 |
| Chrysene | 0.01 |
| Dibenzo(a,h)anthracene | 0.34 |
| Indeno(1,2,3-cd)pyrene | 0.1 |

BaP-eq concentrations were calculated following methods recommended by Cal-EPA (*Use of the Northern and Southern California Polynuclear Aromatic Hydrocarbon (PAH) Studies in the Manufactured Gas Plant Site Cleanup Process.* Cal-EPA DTSC, 2009c). To calculate a BaP-eq concentration for each sample, the TEFs were multiplied by the concentrations of the individual cPAHs and then the seven adjusted concentrations were added together. BaP-eq concentrations were calculated using the detected concentration for the individual cPAHs, or half the detection limit if an individual cPAH was not detected in the sample. These BaP-eq concentrations were used to evaluate background for the cPAHs detected at the Site and specifically for each property. Consistent with agency-approved risk assessment practice in California, the DTSC-developed background concentration of 0.9 mg/kg BaP-eq was used to evaluate cPAHs results. Additional details regarding calculation of BaP-eq concentrations are provided in **Appendix A** (Background Evaluation).

For each metal, an Upper Tolerance Limit (UTL) has been developed as a Background Threshold Value (BTV) based on local background (**Appendix A**). These values are used with upper-bound Site concentration estimates to determine if a metal is above background and should be considered further. For arsenic, the DTSC background concentration of 12 mg/kg for southern California sites (Cal-EPA DTSC, 2007) and a more detailed statistical evaluation were used for this Site as presented in **Appendix A**.

These BTVs for metals and cPAHs described above were developed for the Site consistent with USEPA and Cal-EPA methodologies using local and regional background datasets. These BTVs are single-point background thresholds that represent an upper limit of the background distributions of individual compounds (USEPA, 2010; Helsel, 2005) and are commonly used to evaluate site data and to determine if site concentrations are above background. The BTVs are presented in **Table 4**. In addition to the BTVs, Site data can be evaluated using guidance from Cal-EPA (Cal-EPA, 1997) to determine if Site concentrations are consistent with background.

Due to the preponderance of Site data (over 10,000 samples and 265 individual study areas), a streamlined approach was developed to evaluate background at the Site. First, as a part of the COC screening process discussed above, Site-wide maximum concentrations were compared to the BTVs to evaluate whether onsite metal or cPAH concentrations are above background concentrations. In addition, concentrations were compared to the conservative RBSLs. Second, for chemicals that are present at concentrations above the BTV or conservative RBSL, a one-sample proportion test was conducted on a property-specific basis to compare the Site data with the BTVs. This is consistent with agency guidance that states that when BTVs and cleanup standards are

known, one-sample hypotheses are used to compare site data with the known and pre-established threshold values (USEPA, 2010). Finally a detailed background analysis based on the methodology described in **Appendix A** was conducted for antimony, arsenic, and thallium on the properties that were assessed to be above background using the BTV comparison test and the one-sample proportion test. These metals were specifically selected for a detailed evaluation due to their presence in the soil depth interval of >5 to ≤10 ft bgs, where the potential for leaching to groundwater is considered. The purpose of the more detailed evaluation was to confirm if these metals are indeed considered above background.

The maximum concentrations detected at the Site for antimony, arsenic, cadmium, cobalt, copper, lead, thallium, vanadium, zinc, and benzo(a)pyrene exceeded one-tenth of their respective RBSL, as well as exceeded their BTV (**Table 4**). Therefore, additional background analysis of the property-specific data for these compounds was conducted using a one-sample proportion test. Further details are presented in **Appendix A**). The results of the one-sample proportion test indicated that cadmium, copper, and zinc concentrations at the Site are within background. Cobalt, lead, and vanadium were selected as COCs to be evaluated further in the Revised HHRA. Additional analysis was conducted on property-specific data for antimony, arsenic, and thallium due to their presence in the soil depth interval where the potential for leaching to groundwater is considered, as mentioned above. The results of the property-specific evaluation (detailed in **Appendix A**), indicate that five properties have arsenic concentrations above background, one property for antinomy, four for thallium, and six properties for BaP-eq. Therefore, these compounds were evaluated further in the Revised HHRA.

### 2.2.3 Summary of Constituents of Concern

COC screening for chemicals detected in soil is presented in **Table 4**, while COC screening for sub-slab soil vapor and soil vapor are presented in **Table 5**. The COCs that have been identified for soil, sub-slab soil vapor, and soil vapor to be carried forward into the Revised HHRA are summarized in **Table 6**.

# 3.0 EXPOSURE ASSESSMENT

The objectives of an exposure assessment are to identify populations that may potentially be exposed to chemicals in environmental media, the exposure pathways, and the route of potential intake. In addition, for pathways considered complete, the chemical concentrations to which the individuals are potentially exposed (exposure point concentrations, EPCs) and the frequency, magnitude, and duration of these potential exposures (exposure parameters) need to be estimated.

A complete exposure pathway requires a source and mechanism of chemical release, a point of potential human contact within the impacted medium, and an exposure route (e.g., ingestion) at the contact point. These source-pathway-receptor relationships provide the basis for the quantitative exposure assessment. Potentially complete source-pathway-receptor relationships included in this Revised HHRA are depicted in the CSM discussed below.

The end product of the exposure assessment is a measure of chemical intake or exposure concentration factor (EC, for inhalation exposures) that integrates the exposure parameters for the receptors of concern (e.g., contact rates, exposure frequency, and duration) with the EPCs for the media of concern.

## 3.1 Conceptual Site Model

The CSM identifies potential chemical sources, release mechanisms, transport media, routes of chemical migration through the environment, exposure media, and potential exposure populations. The CSM incorporates the current and the anticipated future use of a site; therefore, potential populations that may currently or in the future be exposed to Site-related chemicals are identified in the CSM and evaluated in a risk assessment.

A general CSM was constructed for this Revised HHRA based on a review of the available Site information regarding the environmental setting and COC distribution in environmental media. The CSM, presented in **Figure 3**, represents the current understanding of the sources of COCs, the means by which they may be released and transported within and among media, and the exposure pathways and routes by which they may contact human receptors. The major components of the CSM are discussed below.

### 3.1.1 Chemical Characteristics and Potential Exposure Pathways

Potential exposure to COCs detected in soil, sub-slab soil vapor, and soil vapor at the Site is partly dependent on the type of chemicals that are present and the respective

exposure media. For VOCs detected in soil, exposure may occur via direct contact to soil (dermal contact or incidental ingestion) as well as indirect exposure from vapors migrating from the subsurface into indoor or outdoor air. For non-volatile chemicals such as metals and most SVOCs and PAHs, direct human contact exposures should be considered, as well as inhalation of particulates.

An outdoor air background study was conducted that included upwind, downwind, and onsite sampling during four separate 24-hour events between July 31 and September 17, 2010 (Geosyntec, 2013b). The outdoor air samples were collected at four locations west of the Site boundary, four locations east of the Site boundary, and four locations within the interior of the Site for each of the four separate events. The data collected were used to assess whether outdoor air contaminant concentrations within the Site boundary are statistically similar to upwind and downwind locations. Based on the statistical evaluation, all tests show that there is no evidence that the Site or downwind concentrations are different from the upwind concentrations.

While the groundwater beneath the Site is not currently used for drinking water (nor will be in the foreseeable future due to the level of Total Dissolved Solids, existing controls on pumping from the groundwater basin, and built out nature of overlying land use), COCs in Site soils may migrate to groundwater through leaching and should to be addressed consistent with the Basin Plan, State Board Resolution No. 68-16 (if applicable), and State Board Resolution No. 92-49. Therefore this pathway has been evaluated in the Revised HHRA.

For the COCs related to crude oil, PAHs, and BTEX, results of prior investigations suggests that the soil-root-above ground plant or fruit pathway plays an insignificant role in their uptake. For PAHs, a number of studies suggest that air deposition is the major pathway for plant uptake of PAHs (Edwards, 1983; Nakajima et al., 1995; Kipopoulou et al., 1999; Wilcke, 2000; Li et al., 2010). Li et al. (2010) investigated PAH distribution in water, sediment, soil, and plants, and no correlation was found between PAH concentrations in soils and plants, suggesting that plants accumulate PAHs mainly through air deposition and not through translocation from the soil to the plant. Kaliszova et al. (2010) summarizes that "plant root PAH uptake was observed in some species, but the available data suggest that it does not represent a significant public health risk, even in heavily polluted soils." In addition, green plants may naturally produce benzo(a)pyrene (New Zealand Ministry for the Environment, 2011). For BTEX, either rapid degradation in the root-zone or volatilization to the atmosphere would occur, preventing effective uptake by plant roots. Volatile contaminants have a low potential to accumulate by root uptake because they quickly escape to air (Trapp and Legind, 2011). Consistent with the literature, Cal-EPA Office of Environmental

Health Hazard Assessment (OEHHA) does not require evaluation of the soil to root uptake pathway for organic compounds (Cal-EPA OEHHA, 2012). In addition, the California Human Health Screening Levels (CHHSLs) which are derived by OEHHA based on an unrestricted land use do not include the produce ingestion pathway. Since COC uptake from soil into plants for the primary COCs is considered insignificant, this pathway was not included in this Revised HHRA.

Potential exposure to COCs is also dependent on the locations at which impacts are identified and the likelihood of different populations to contact an impacted media. For example, reasonable maximum exposure assumptions are considered for soils which are readily available for human contact. Conversely, infrequent exposures may be considered for soils where limited contact is expected (e.g., soils covered by impermeable media such as a building foundation, driveway, or hardscape, or soils at greater depths). Consequently, this Revised HHRA evaluates potential exposures to surface soil (≤ 2 ft bgs), shallow surface soil (≤ 5 ft bgs), shallow soil (≤ 10 ft bgs), and subsurface soil (> 5 to ≤ 10 ft bgs) (considering frequent- and infrequent-exposure scenarios), as well as potential leaching to groundwater. Additionally, the residential exposure scenario is assumed to be limited to the residential properties, while construction and utility maintenance worker may be exposed to impacts present on residential properties or within the public rights of way (e.g., utility work within streets).

### 3.1.2 Identification of Potentially Exposed Populations and Exposure Pathways

Potential exposures to soil may occur via dermal contact, incidental ingestion, and/or outdoor air inhalation of fugitive dust/vapors. Potential exposures to sub-slab and soil vapor may occur via indoor air inhalation of vapors migrating from the subsurface into residential structures. Additionally, potential exposures to soil vapor may occur via inhalation of vapors migrating from the subsurface into outdoor air. The receptors and exposure pathways selected for evaluation in this Revised HHRA were based on these considerations and are discussed in detail below.

#### 3.1.2.1 Onsite Resident

An onsite residential scenario was evaluated in this Revised HHRA assuming frequent and infrequent exposure assumptions. Surface soil (≤ 2 ft bgs) and shallow surface soils (≤ 5 ft bgs) are considered for typical residential exposures whereas subsurface soils (> 5 to ≤ 10 ft bgs) are considered for infrequent contact, because the likelihood of a resident contacting soils at deeper depths is extremely low given the developed nature of the Site and typical residential activities where exposure to soil could occur (e.g.,

recreational activities, lawn care, landscaping). Typical lawn care and gardening would occur in the surface soil horizon (e.g. ≤ 2 ft bgs). USEPA in the Soil Screening Level Guidance (USEPA 2002b) and in the Superfund Lead-Contaminated Residential Site Handbook (2003b) consider the soil horizon of ≤ 2 ft bgs to be the depth interval where direct contact and gardening activates could occur. Therefore, the surface soil (≤ 2 ft bgs) depth interval was evaluated to represent the depth interval a resident could contact on a more frequent basis using the Cal-EPA and USEPA default exposure frequency (EF) of 350 days per year. In addition, to assist in remedial planning shallow surface soils (≤ 5 ft bgs) were evaluated for onsite residents using the same exposure frequency consistent with the Regional Board directive.

The potential exists for deeper soils to be contacted (e.g., if a sizable tree is planted), but this would not occur on a regular basis for a given property. The unlikely, infrequent exposure to subsurface soils (> 5 to ≤ 10 ft bgs) was evaluated for onsite residents assuming a lower frequency of exposure of 4 days per year. The exposure frequency of 4 days per year is based on $1/10^{th}$ of the USEPA recommended event frequency of 40 events per year for an adult resident gardening outdoors on a more routine basis (USEPA, 1997). Since the value of 40 days per year is based on routine gardening, an adjustment was considered reasonable to account for infrequent contact to with soils > 5 ft bgs to account for instances where a resident may contact deeper soil (e.g., planting a tree as part of gardening). In addition, it is unlikely that residents would contact soils unearthed from a deeper excavation (such as during a major renovation or utility repair work) as these soils could not be placed onsite due to the developed nature of the neighborhood and lack of open area to place the excavated soils. The conceptual model for this assumption includes institutional controls (e.g., a soil management plan including a notification requirement with the existing excavation permitting process) to prevent redistribution of deep soils at the surface.

As discussed in Section 3.1.1, evidence from the literature suggests that for the chemicals related to crude oil, PAHs, and BTEX, which are primary COCs for the Site, uptake from soil into plants and fruit does not play a significant role. Based on this information, this exposure scenario was not considered further in this Revised HHRA. Rather, the pathways that have the most exposure potential, incidental soil ingestion and dermal contact, were evaluated in this Revised HHRA along with particulate and VOC exposure in outdoor air.

Indoor air inhalation of vapors emanating from sub-slab and soil vapor was also evaluated for onsite residents as this is the most sensitive pathway for potential residential exposures to soil vapor. Therefore, evaluating the vapor intrusion to indoor air pathway is considered to also be protective of potential outdoor air exposures. As

discussed earlier, the community outdoor air sampling program demonstrated air concentrations within the Site boundary are not significantly different from concentrations from areas to the east (generally downwind) and west (generally upwind) of the Site (Geosyntec, 2013b). Consequently, soil vapor to outdoor air screening levels were not developed for the soil vapor to outdoor air pathway for residential exposures.

It should be noted that the analysis of the vapor intrusion pathway presented in the Revised SSCG report indicated that vapor intrusion is not a significant pathway at this Site and that observed concentrations in indoor air are likely due to background sources. However, as directed by the Regional Board the vapor intrusion pathway has been quantitatively evaluated. As discussed in more detail in Appendix D, an upper-bound site-specific attenuation factor to evaluate sub-slab soil vapor data was derived and used in this Revised HHRA. Based upon an evalution of sub-slab soil vapor and indoor air data collected at the Site, an upper-bound value of 0.002 for the sub-slab soil vapor to indoor air vapor intrusion attenuation factor was determined. In addition, as directed by the RWQCB (RWQCB, 2014a,b), a vapor intrusion attenuation factor of 0.002 was used to evaluate deeper soil vapor. The use of this default attenuation factor of 0.002 for the assessment of petroleum hydrocarbons detected in deeper soil vapor does not take into account the natural vadose-zone biodegradation that has been identified at the Site and will significantly over-estimate the potential for vapor intrusion for these data.

#### 3.1.2.2 Construction and Utility Maintenance Worker

Existing utilities that supply the residential properties with water, communications, and natural gas, and sewer lines are present at the Site. Therefore, a construction and utility maintenance worker may contact soils during repair or maintenance of these utilities both on residential properties as well as in the streets. It is assumed that construction and utility workers could potentially be exposed to COCs in the upper 10 ft of soil where utility maintenance work may be more likely to occur within this depth interval. Potential worker exposures evaluated for soils include direct contact to soils (incidental ingestion and dermal contact) and outdoor air inhalation of volatile chemicals and/or fugitive dust generated by wind erosion and by intrusive soil-handling activities. Outdoor air inhalation of volatile COCs emanating from soil vapor was also evaluated for construction and utility maintenance workers. In addition, because utility workers may need to conduct subsurface utility repair or maintenance, the potential exists for worker exposure within a trench and this exposure scenario was also included.

#### 3.1.2.3 Soil Leaching to Groundwater

As discussed in the Revised SSCG Report (Geosyntec, 2013a), some COCs may have migrated through the vadose zone to groundwater. However, based on evaluation of groundwater data collected at and adjacent to the Site, the groundwater plume beneath the Site is well defined and is stable/decreasing. Furthermore, COC values in the downgradient wells near the Site boundary are below or very close to the MCLs and NLs. Based on these facts and the age of the releases of COCs in the vadose zone (>~45 years), it is unlikely that significant additional groundwater impacts will result from the remaining shallow soil contamination. COCs currently present in the vadose zone at the Site, which are also present in Site groundwater, may theoretically represent a continuing source of potential groundwater contamination.

In general, infiltration of water in open areas of the Site has the potential to mobilize COCs present in the vadose zone and continue to transport those COCs to groundwater. This transport is expected to occur at a declining rate through time as the compounds degrade in the vadose zone and they are depleted through leaching. Although the extent of the COCs in groundwater related to the Site is stable/decreasing, the leaching to groundwater pathway was nevertheless evaluated in this Revised HHRA.

As discussed in Section 2.2, chemicals that were detected in groundwater above their respective MCL or NL were identified as COCs. These same groundwater COCs were evaluated for the soil leaching to groundwater pathway with the exception of chemicals that were detected in five or less soil samples out of the over 10,000 samples collected for the Site. The chemicals not evaluated are the non-Site-related COCs 1,1-dichloroethane, 1,1-dichloroethene, and trans-1,2-dichloroethene. The list of COCs evaluated for the leaching to groundwater pathway is presented in Table 4.

### 3.1.3 Exposure Assumptions

The exposure parameters used in this Revised HHRA for onsite residents, as well as for construction and utility maintenance workers, are listed in **Table 7**. These parameters are consistent with those recommended by Cal-EPA and USEPA and include separate child and adult exposure parameters that are used in an integrated child/adult exposure scenario consistent with guidance.

## 3.2 Summary of Selected Exposure Pathways

Given the characteristics of the COCs and the Site conditions, several exposure pathways have been identified as potentially complete. The CSM (**Figure 3**) presents a

summary of the exposure pathways evaluated in this Revised HHRA. The following table summarizes the receptor groups, exposure media, and potential exposure pathways that were evaluated quantitatively in this Revised HHRA.

| Receptor | Exposure Medium | Potentially Complete Exposure Pathway |
|---|---|---|
| Onsite Resident (Child and Adult) | Surface Soil (≤ 2 ft bgs) | • Incidental Ingestion<br>• Dermal Contact<br>• Outdoor Air Inhalation |
| | Shallow Surface Soil (≤ 5 ft bgs) | • Incidental Ingestion<br>• Dermal Contact<br>• Outdoor Air Inhalation |
| | Shallow Subsurface Soil (> 5 to ≤ 10 ft bgs) | • Infrequent Incidental Ingestion<br>• Infrequent Dermal Contact<br>• Infrequent Outdoor Air Inhalation |
| | Sub-Slab and Soil Vapor | • Vapor Inhalation in Indoor Air via Vapor Intrusion |
| Construction and Utility Maintenance Worker | Shallow Soil (≤ 10 ft bgs) | • Incidental Ingestion<br>• Dermal Contact<br>• Outdoor Air Inhalation |
| | Soil Vapor | • Vapor Inhalation in Outdoor Air |
| Groundwater | Shallow Soil (≤ 10 ft bgs) | • Leaching to Groundwater |

## 3.3 Exposure Point Concentrations

Exposure point concentrations (EPCs) are the concentrations of chemicals in environmental media to which receptors may be exposed through defined exposure pathways considered complete in the CSM (**Figure 3**). Depending on the nature of the exposure, the number of samples, and chemical distribution, the maximum detected COC concentrations can be used as EPCs. However, long-term exposure to a single sample point is highly remote (i.e., a resident is unlikely to be exposed only to the maximum concentration of chemicals 350 days per year for 30 years). These calculations may overestimate risk because only a portion of the area investigated may be impacted. A more realistic estimate of the EPC can be calculated by using the 95 percent upper confidence limit (95UCL) of the average concentration for each COC if sufficient data are available (Cal-EPA, 2005a; Cal-EPA, 1996; USEPA, 2002a), for

each depth interval, and for each property. Use of 95UCL concentrations as EPCs would provide a more reasonable estimate of potential human health risk.

The 95UCL COC concentrations were derived using soil data collected at each property for the different depth intervals and using USEPA ProUCL statistical software (USEPA, 2010). Data collected from the streets were evaluated separately in a similar manner. The data handling steps for deriving 95UCLs are provided below:

1) The data were segregated by depth interval (e.g., $\leq$ 2 ft bgs);
2) Duplicates were processed as described in Section 2.1; and
3) Data sets with less than eight samples or less than five results above analytical detection limits were excluded from the 95UCL calculation (the maximum detected result was used as the EPC for the cases where there were insufficient data to calculate a 95UCL).

The ProUCL output is provided in **Appendix B**.

### 3.4 Fate and Transport Modeling

Fate and transport modeling was employed to predict the movement of COCs from impacted soil and soil vapor to points of exposure for human populations. Fate and transport modeling was employed to develop transfer factors for the following transport mechanisms:

- Transport of particulate-phase chemicals from soil matrix to outdoor air;
- Transport of vapor-phase chemicals from soil matrix to outdoor air;
- Transport of vapor-phase chemicals from soil vapor to outdoor air; and
- Transport of vapor-phase chemicals from sub-slab and soil vapor to indoor air.

Fate and transport modeling for migration from soil to outdoor air was conducted using the models presented in the *Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites* (Soil Screening Guidance) (USEPA, 2002b). Standard equations presented in the Soil Screening Guidance were used, incorporating local meteorological conditions for the Los Angeles area, for derivation of COC-specific volatilization factors (VFs) and the particulate emission factor (PEF). The definitions of the transfer factors for each of the transport mechanisms listed above are presented in **Table 8**. Calculations for the VF and PEF are summarized in **Table 9a** for a resident and in **Table 9b** for a construction and utility maintenance worker, and are discussed

below. Additional details regarding these transfer factors were discussed in the HHSRE Work Plan (Geosyntec, 2009; 2010a).

The fate and transport modeling that was used to assess the indirect-exposure pathways and the methodology for calculation of TFs are further discussed below.

### 3.4.1 Fugitive Dust Emissions into Outdoor Air

COCs at the Site may become airborne due to fugitive dust emissions. Compounds (e.g., SVOCs) can adhere to soil particles then become airborne due to wind erosion, which could generate dust containing COCs. Exposure to these chemicals may then occur via inhalation of airborne fugitive dust. Inhalation exposure to non-volatile compounds is typically minor in fugitive dust when compared to direct ingestion exposure (USEPA, 2002b). Nevertheless, a relationship can be estimated between the COC concentration in soil and the corresponding concentration in air (secondary media) attributable to fugitive dust emissions from soil.

Potential exposure to airborne dust is estimated using a PEF that relates the concentration of soil constituents to the concentration of dust particles in air. The PEF represents an annual average emission rate based on wind erosion. The PEF equation described in the Soil Screening Guidance (USEPA, 2002b) was used in this evaluation. The emissions part of the PEF equation is based on the "unlimited reservoir" model developed to estimate $PM_{10}$ emissions (particulate matter less than 10 micrometers in diameter [$PM_{10}$]) due to wind erosion (Cowherd et al., 1985).

#### 3.4.1.1 Onsite Residential Scenario

For onsite residents, the following equation was used to estimate their PEF:

$$PEF = \frac{(Q/C \times CF)}{[0.036 \times (1 - G) \times \left(\frac{U_M}{U_T}\right)^3 \times F_x]}$$

Where:

| | | |
|---|---|---|
| PEF | = | particulate emission factor as cubic meters per kilogram ($m^3$/kg) |
| Q/C | = | inverse of mean concentration at center of source (g/$m^2$-s per kg/$m^3$) |
| CF | = | units conversion factor (3600 s/hr) |
| 0.036 | = | respirable fraction (g/$m^2$-hr) |
| G | = | fraction of vegetative or other cover (0.5 unitless; USEPA, 2002b) |

$U_M$ = mean annual wind speed (3.31 m/s, average for Los Angeles; NCDC, 2011)

$U_T$ = equivalent threshold value of wind speed at 7 meters above ground surface (11.32 m/s; USEPA, 2002b)

$F_x$ = function dependent on $U_M/U_T$ (0.00474 unitless; USEPA, 1996)

The dispersion part of the PEF equation includes a dispersion coefficient (Q/C) in units of grams per square meter-second per kilogram per cubic meter ($g/m^2$-s per $kg/m^3$). The Q/C term was generated using the Industrial Source Complex model and varies depending on the source area, city, and climatic zone. This term accounts for the dispersion of particulate matter, once emitted and was estimated using the following equation (USEPA, 2002b):

$$(Q/C) = A \times \exp\left[\frac{(\ln A_{SITE} - B)^2}{C}\right]$$

Where:

$A_{SITE}$ = areal extent of soil impact (0.5 acres)

A = constant = 11.911, based on air dispersion modeling (USEPA, 2002b)

B = constant = 18.4385 (USEPA, 2002b)

C = constant = 209.7845 (USEPA, 2002b)

The coefficients A, B, and C for the Los Angeles area are published in the Soil Screening Guidance (USEPA, 2002b). A Q/C value of 68.18 $g/m^2$-s per $kg/m^3$ was estimated as the inverse of the mean concentration at the center of a 0.5-acre source. The resulting PEF for onsite residents was estimated at $1.2\times10^{+11}$ $m^3/kg$ (see **Table 9a**).

3.4.1.2 Construction and Utility Maintenance Worker Scenario

Existing utilities that supply the residential properties with water, communications, and natural gas, and sewer lines are present at the Site. Therefore, a construction and utility maintenance worker may contact soils during repair or maintenance of these utilities both on residential properties as well as in the streets. It is assumed that construction and utility workers may be exposed to COCs in the upper 10 ft of soil. Fugitive dust can also be generated during the use of heavy equipment such as backhoes during utility work in trenches. As a conservative exposure assumption, a dust concentration equal to

1 mg/m$^3$ or $1\times10^{-6}$ kg/m$^3$ (Cal-EPA, 2011a)[3] was assumed for the construction and utility maintenance worker. The PEF is related to the concentration of particulate matter (dust) in air:

$$PEF = 1/CD$$

Where:

CD = concentration of dust in air, $1\times10^{-6}$ (kg/m$^3$) (Cal-EPA, 2011a)

The resulting PEF for the construction and utility maintenance worker is $1\times10^{+6}$ m$^3$/kg (see **Table 9b**).

### 3.4.2 Vapor Emissions into Outdoor Air

Because VOCs were detected in soil and soil vapor at the Site, individuals could potentially be exposed to vapors migrating through the soil to the surface. Outdoor vapor concentrations are typically negligible considering the significant quantity of ambient air diluting the vapor emissions. Although this pathway is considered potentially insignificant, outdoor air exposures were evaluated for VOCs detected in soil matrix and soil vapor as discussed below.

#### 3.4.2.1 Onsite Residential Scenario

***Soil to Outdoor Air***

For onsite residents, potential migration of vapors from shallow soil to outdoor air was estimated using the following VF equation, as presented in Section 4.2.3 of the Soil Screening Guidance (USEPA, 2002b; Equation 4-8: *Derivation of the VF*):

$$VF_{soil} = Q/C \times \left(10^{-4}\ \frac{m^2}{cm^2}\right) \times \frac{\left(3.14 \times D_A \times T_{resident}\right)^{1/2}}{2 \times P_b \times D_A}$$

The equation for the COC-specific apparent diffusivity, $D_A$, is as follows:

[3] The respirable dust concentration of 1 mg/m$^3$ is based on a maximum concentration of dust in air of 10 mg/m$^3$ recommended by the American Conference of Governmental Industrial Hygienists (ACGIH 2014, Threshold Limit Values and Biological Exposure Indices), and the assumption that 10 percent of the mass of particles are in the respirable $PM_{10}$ range.

$$D_A = \frac{\left(\theta_a^{3.33} \times D_{air} \times H' + \theta_w^{3.33} \times D_{water}\right) / \theta_T^2}{P_b \times K_d + \theta_w + \theta_a \times H'}$$

Where:

$D_{air}$ = COC-specific diffusivity in air ($cm^2/s$);
$D_{water}$ = COC-specific diffusivity in water ($cm^2/s$);
$\theta_a$ = air-filled porosity (0.28 $cm^3$-air/$cm^3$-soil);
$\theta_w$ = water-filled porosity (0.15 $cm^3$-water/$cm^3$-soil);
$\theta_T$ = total soil porosity (0.43 $cm^3$-air/$cm^3$-soil);
$H'$ = COC-specific Henry's law coefficient (unitless);
$P_b$ = soil bulk density (1.5 $g/cm^3$);
$K_{oc}$ = COC-specific soil organic carbon partition coefficient ($cm^3/g$); and
$f_{oc}$ = fraction organic carbon in soil (0.006 g/g).

To be consistent with the other calculations presented in this report, the equations presented below were used. The equation for the COC-specific effective diffusion coefficients for vadose-zone soils, $D_{eff}$ (ASTM, 2010) is as follows:

$$D_{eff} = \frac{\left[\theta_a^{3.33} \times D_{air} + \frac{\theta_w^{3.33}}{H'} \times D_{water}\right]}{\theta_T^2}$$

Where:

$D_{air}$ = COC-specific diffusivity in air ($cm^2/s$);
$D_{water}$ = COC-specific diffusivity in water ($cm^2/s$);
$\theta_a$ = air-filled porosity (0.28 $cm^3$-air/$cm^3$-soil);
$\theta_w$ = water-filled porosity (0.15 $cm^3$-water/$cm^3$-soil);
$\theta_T$ = total soil porosity (0.43 $cm^3$-air/$cm^3$-soil); and
$H'$ = COC-specific Henry's law coefficient (unitless).

The equation for the soil to water partition coefficient, $K_{sw}$ (ASTM, 2010) is as follows:

$$K_{sw} = \frac{\theta_a \times H' + \theta_w + Pb \times K_d}{Pb}$$

Where:

$\theta_a$ = air-filled porosity (0.28 $cm^3$-air/$cm^3$-soil);

H' = COC-specific Henry's law coefficient (unitless);

$\theta_w$ = water-filled porosity (0.15 $cm^3$-water/$cm^3$-soil);

Pb = soil bulk density (1.5 g/$cm^3$); and

$K_d$ = soil-organic carbon distribution coefficient (where $K_d$ = fraction organic carbon [$f_{oc}$] × organic carbon partition coefficient [$K_{oc}$]) ($cm^3$/g).

Substituting the equations for $D_{eff}$ and $K_{sw}$ into the apparent diffusivity $D_A$ equation yields the following:

$$D_A = \frac{D_{eff} \times H'}{K_{sw} \times Pb}$$

Substituting this equation for $D_A$ into the $VF_{soil}$ equation presented above yields the following:

$$VF_{soil} = Q/C \times \left(10^{-4}\ \frac{m^2}{cm^2}\right) \times \frac{\left(3.14 \times \frac{D_{eff} \times H'}{K_{sw} \times Pb} \times T_{resident}\right)^{1/2}}{2 \times P_b \times \frac{D_{eff} \times H'}{K_{sw} \times Pb}}$$

$$VF_{soil} = Q/C \times \left(10^{-4}\ \frac{m^2}{cm^2}\right) \times \frac{1}{P_b} \left[\frac{3.14 \times \frac{D_{eff} \times H'}{K_{sw} \times Pb} \times T_{resident}}{4 \times \left(\frac{D_{eff} \times H'}{K_{sw} \times Pb}\right)^2}\right]^{1/2}$$

$$VF_{soil} = Q/C \times \left(10^{-4}\ \frac{m^2}{cm^2}\right) \times \frac{1}{P_b} \left[\frac{3.14 \times T_{resident}}{4 \times \left(\frac{D_{eff} \times H'}{K_{sw} \times Pb}\right)}\right]^{1/2}$$

$$VF_{soil} = Q/C \times \left(10^{-4}\ \frac{m^2}{cm^2}\right) \times \left(\frac{1}{P_b}\right) \left(\frac{3.14 \times T_{resident} \times K_{sw} \times P_b}{4 \times D_{eff} \times H'}\right)^{1/2}$$

This final equation was used to estimate the COC-specific $VF_{soil}$ for onsite residential exposures, where:

| | | |
|---|---|---|
| Q/C | = | inverse of mean concentration at center of source ($g/m^2$-sec per $kg/m^3$); |
| $T_{resident}$ | = | exposure interval ($9.5\times10^{+8}$ sec = 30 years); |
| $K_{sw}$ | = | soil to water partition coefficient, defined above ($cm^3$-water/g-soil); |
| Pb | = | dry soil bulk density (1.5 $g/cm^3$); |
| $D_{eff}$ | = | COC-specific effective diffusion coefficient for vadose-zone soils, defined above ($cm^2$/sec); and |
| H' | = | COC-specific Henry's law coefficient (unitless). |

A Q/C value of 68.18 $g/m^2$-s per $kg/m^3$ was estimated using the equations presented in Section 3.3.1.1. The derivation of COC-specific $VF_{soil}$ for onsite residents is presented in **Table 9a**.

3.4.2.2 Construction and Utility Maintenance Worker Scenario

***Soil to Outdoor Air***

For the construction and utility maintenance worker scenario, VOC emissions into a utility trench and subsequent mixing in air were estimated using the volatilization factor (VF) for transport of COCs from soil to outdoor air from the ASTM *Standard Guide For Risk-Based Corrective Action* (ASTM, 2010). The soil to outdoor air volatilization factor, $VF_{soil\text{-}OA}$, is the ratio of the outdoor air exposure point concentration ($EPC_{soil\text{-}OA}$) to the soil exposure point concentration ($EPC_{soil}$):

$$VF_{soil\text{-}OA} = \frac{EPC_{soil}}{EPC_{soil\text{-}OA}}$$

The COC-specific $VF_{soil\text{-}OA}$ for construction and utility maintenance worker exposures was derived using the following equation (ASTM, 2010):

$$VF_{soil\text{-}OA} = \frac{DF_{amb}}{Pb} \times \left[ \frac{(3.14 \times T_{CUW} \times K_{sw} \times Pb)}{(4 \times D_{eff} \times H')} \right]^{1/2} \times CF_1 \times CF_2$$

Where:

$VF_{soil\text{-}OA}$ = volatilization factor, surficial soils to outdoor (ambient) air ($m^3$-

air/kg-soil);

$DF_{amb}$ = dispersion factor for outdoor (ambient) air (cm/s);

Pb = dry soil bulk density (1.5 g/cm$^3$);

$T_{CUW}$ = averaging time for surface emission vapor flux ($7.9\times10^{+8}$ sec);

$K_{sw}$ = soil to water partition coefficient (cm$^3$-water/g-soil);

$D_{eff}$ = COC-specific effective diffusion coefficient for vadose-zone soils (cm$^2$/sec);

H' = COC-specific Henry's law coefficient (unitless);

$CF_1$ = conversion factor ($1\times10^{+3}$ g/kg); and

$CF_2$ = conversion factor ($1\times10^{-6}$ m$^3$/cm$^3$).

The following equation was used to estimate the dispersion factor for outdoor air, $DF_{amb}$, assuming a trench is 91 centimeters (cm) wide by 457 cm long by 183 cm deep. These dimensions are an estimate of what a typical trench size could be:

$$DF_{amb} = \frac{U_{air} \times W \times H}{A}$$

Where:

$U_{air}$ = outdoor air velocity in mixing zone (cm/s);

W = width of source-zone area (457 cm; assume length of trench = 15 ft);

H = mixing zone height (183 cm; assume depth of trench = 6 ft); and

A = source-zone area (assume 4 sidewalls and bottom area of trench = $2.4\times10^{+5}$cm$^2$).

The outdoor air velocity in the mixing zone, $U_{air}$, is estimated using the following equation:

$$U_{air} = \frac{ACH \times W_t}{3600}$$

Where:

ACH = air changes per hour (20 hr$^{-1}$);

$W_t$ = length of shortest side of trench (91 cm; assume width of trench = 3 ft); and

3600 = conversion (1 hour = 3600 seconds).

To develop the air exchange rate, a site-specific computational fluid dynamic (CFD) model was constructed to model air flow within the trench as defined above. CFD models have been used to evaluate air dispersion within urban canyon environments and can provide a more refined evaluation of potential air exchange within a trench. Using the CFD model (Ansys, 2011), air flow was calculated using the geometry of the trench and a conservative (i.e. results in higher trench air concentrations) reference velocity of 1.3 m/s which is the lowest monthly average wind speed reported for Long Beach from the last several years (January 2009 to April 2011) (NCDC, 2011) at a height of 10 m. The CFD model was used to monitor the decrease in concentration of a tracer uniformly distributed in the trench. The model assumed an initial concentration of 1 in the trench and zero within the atmosphere. Convection and diffusion of the tracer out of the trench was evaluated, and the reduction in the concentration in the trench over time was calculated.

The ACH was calculated following the calculation methods presented for the air exchange rate from ASTM (2011):

$$ACH = -\frac{[\ln(Ct_2) - \ln(Ct_1)]}{t_2 - t_1}$$

where:

| | | |
|---|---|---|
| ACH | = | air exchange rate per hour ($hr^{-1}$); |
| $C_{t2}$ | = | final tracer concentration at time 2; |
| $Ct_1$ | = | initial tracer concentration at time 1; and |
| $t_2 - t_1$ | = | time interval of simulation (hr). |

An ACH of approximately 20 $hr^{-1}$ was calculated for the trench. Derivation of the COC-specific $VF_{soil\text{-}OA}$ for the construction and utility maintenance worker is presented in **Table 9b**.

***Soil Vapor to Outdoor Air***

The conceptual exposure scenario for the construction and utility maintenance worker is the same as that considered for the soil to outdoor air scenario – exposure during excavation. The volatilization factor for soil vapor to a trench was calculated using the same relationships as those used for soil, except a soil vapor source term was used. This section details the methodology for deriving the volatilization factor for the soil vapor to outdoor air pathway. The soil vapor to outdoor air $VF_{SV\text{-}OA}$ represents the ratio

of the outdoor air exposure point concentration ($EPC_{SV\text{-}OA}$) to the soil vapor exposure point concentration ($EPC_{SV}$) presented in the equation below:

$$VF_{SV\text{-}OA} = \frac{EPC_{SV}}{EPC_{SV\text{-}OA}}$$

Where:

$VF_{SV\text{-}OA}$ = soil vapor to outdoor air volatilization factor (mg/m$^3$ soil vapor per mg/m$^3$outdoor air);

$EPC_{SV\text{-}OA}$ = exposure point concentration of COC in outdoor air from soil vapor (mg/m$^3$); and

$EPC_{SV}$ = exposure point concentration, soil vapor (mg/m$^3$).

This section presents the approach used to model vapor migration from the subsurface (using soil vapor data) to outdoor air within a utility trench where workers could potentially be exposed via inhalation. The soil vapor exposure point concentration, $EPC_{SV}$, was calculated from soil exposure point concentration, $EPC_{soil}$, using the following partitioning relationship proposed by Feenstra et al. (1991):

$$EPC_{SV} = EPC_{soil} \times \frac{H'}{K_{sw}} \times CF_1 \times CF_2$$

Where:

$EPC_{SV}$ = COC concentration in soil vapor (mg/m$^3$);

$EPC_{soil}$ = COC concentration in soil (mg/kg);

$H'$ = COC-specific Henry's law coefficient (unitless);

$K_{sw}$ = soil to water partition coefficient, defined above (cm$^3$-water/g-soil);

$CF_1$ = conversion factor ($1\times10^{-3}$ kg/g); and

$CF_2$ = conversion factor ($1\times10^{+6}$ cm$^3$/m$^3$).

The outdoor air concentrations of vapors from soil for a construction and utility maintenance worker can be estimated using the following relationship:

$$EPC_{OA} = \frac{EPC_{soil}}{VF_{soil\text{-}OA}}$$

Where:

$EPC_{OA}$ = COC concentration in outdoor air (mg/m$^3$) (either from soil or from soil vapor);

$EPC_{soil}$ = COC concentration in soil (mg/kg); and

$VF_{soil\text{-}OA}$ = volatilization factor, surficial soils to outdoor (ambient) air (m$^3$-air/kg-soil).

Rearranging these two equations results in the following:

$$EPC_{OA} = \frac{EPC_{soil}}{VF_{soil\text{-}OA}} = \frac{EPC_{SV}}{VF_{soil\text{-}OA}} \times \frac{K_{sw}}{H'} \times \left( \frac{1}{CF_1 \times CF_2} \right)$$

This equation was then rearranged to calculate the ratio of $EPC_{SV\text{-}OA}$ and $EPC_{SV}$ and provide the equation for the soil vapor to outdoor air volatilization factor, $VF_{SV\text{-}OA}$, for a construction and utility maintenance worker:

$$VF_{SV\text{-}OA} = \frac{EPC_{SV}}{EPC_{SV\text{-}OA}} = VF_{soil\text{-}OA} \times \frac{H'}{K_{sw}} \times \left( CF_1 \times CF_2 \right)$$

Where:

$VF_{SV\text{-}OA}$ = soil vapor to outdoor air volatilization factor (µg/m$^3$ per µg/m$^3$);

$EPC_{SV\text{-}OA}$ = exposure point concentration of COC in outdoor air from soil vapor (µg/m$^3$); and

$EPC_{SV}$ = exposure point concentration, soil vapor (µg/m$^3$).

Derivation of the COC-specific $VF_{SV\text{-}OA}$ for the construction and utility maintenance worker is presented in **Table 9b**.

### 3.4.3 Vapor Emissions into Indoor Air

Data collected at the Site indicate significant natural attenuation of VOCs in the vadose zone that mitigates the potential migration of vapors detected in soil vapor samples collected at depth to reach the atmosphere. As directed by the RWQCB, VOCs detected in sub-slab soil vapor and deeper soil vapor (sub-slab and soil vapor) at the Site were evaluated for onsite residents who could potentially be exposed to indoor air vapors migrating from the subsurface. As directed by the RWQCB (RWQCB, 2014a,b), a vapor intrusion attenuation factor of 0.002 was used to evaluate deeper soil vapor. The use of this default attenuation factor of 0.002 for the assessment of petroleum hydrocarbons detected in deeper soil vapor does not take into account the natural

vadose-zone biodegradation that has been identified at the Site and will significantly over-estimate the potential for vapor intrusion for these data.

To investigate the relationship between indoor air and sub-slab soil vapor concentrations, a single regression analysis method was applied to the Site data as described in Appendix B of the Revised SSCG report (Geosyntec, 2013a). This analysis evaluated the relationship between indoor air concentrations and sub-slab soil vapor concentrations for a filtered dataset of sub-slab soil vapor data with concentrations ≥100 $\mu g/m^3$. Based on the analysis, an upper-bound vapor intrusion attenuation factor of 0.001 was identified. In response to comments received by the RWQCB, the data were re-evaluated considering more recent data from the May 23, 2014 version of the Site analytical database, not subtracting the contributions of outdoor air from the indoor air results, and evaluating the contribution of background concentrations in an alternate quantitiative manner. The re-evalaution is presented in Appendix D. Based on the evaluation in Appendix D, an upper-bound vapor intrusion attenuation factor of 0.002 was used to derive sub-slab soil vapor SSCGs.

## 3.5 Estimating COC Intake

The exposure assessment quantifies the magnitude, frequency, and duration of chemical intake (daily intake) by receptor populations using guidelines in the Risk Assessment Guidance for Superfund (USEPA, 1989), Exposure Factors Handbook (USEPA, 1997), Cal-EPA DTSC guidance (2011a), Site-specific information, and professional judgment, as appropriate. Estimates of exposure or chemical intake were calculated based on assumptions regarding exposure pathways and exposure parameters. The COC intake factor (IF) was estimated for the incidental ingestion and dermal contact pathways. For the inhalation pathways, USEPA (2009) recommends that when estimating risk or hazard via inhalation, the concentration of the chemical in air should be used as the exposure metric (e.g., $mg/m^3$), rather than inhalation intake of a contaminant in air based on inhalation rate and body weight (e.g., mg/kg-day). Therefore, the COC intake factor is replaced with an exposure concentration (EC) factor for the inhalation pathways. The sections below present the equations used to estimate the COC IF and EC. The exposure parameters used in this Revised HHRA are presented in **Table 7**.

### 3.5.1 <u>Incidental Soil Ingestion</u>

The following equation was used to estimate the intake factor for incidental ingestion of soil ($IF_{oral}$) based on noncancer effects:

$$IF_{oral} = \frac{IR \times CF \times EF \times ED}{BW \times AT_{NC}}$$

Where:

| | | |
|---|---|---|
| IR | = | ingestion rate of soil (mg/day); |
| EF | = | exposure frequency (days/yr); |
| ED | = | exposure duration (yrs); |
| CF | = | conversion factor for soil ($10^{-6}$ kg/mg); |
| BW | = | body weight (kg); and |
| $AT_{NC}$ | = | averaging time (days) based on noncancer effects: ED x 365 days. |

The following equation was used to estimate the $IF_{oral}$ for a construction and utility maintenance worker based on cancer effects:

$$IF_{oral} = \frac{IR \times CF \times EF \times ED}{BW \times AT_{C}}$$

Where:

| | | |
|---|---|---|
| $AT_C$ | = | averaging time (days) based on cancer effects: 70 x 365 days. |

The following equation was used to estimate the $IF_{oral}$ for an onsite resident based on cancer effects:

$$IF_{oral} = \left[\frac{IR \times CF \times EF \times ED}{BW \times AT_{C}}\right]_{CHILD} + \left[\frac{IR \times CF \times EF \times ED}{BW \times AT_{C}}\right]_{ADULT}$$

The exposure parameters used to estimate $IF_{oral}$ for incidental soil ingestion are presented in **Table 7**.

### 3.5.2 Dermal Contact with Soil

The following equation was used to estimate the intake factor for dermal contact with soil ($IF_{dermal}$) based on noncancer effects:

$$IF_{dermal} = \frac{SA \times AF \times ABS \times CF \times EF \times ED}{BW \times AT_{NC}}$$

Where:

| | | |
|---|---|---|
| SA | = | surface area of exposed skin soil per day ($cm^2$/day); |
| AF | = | soil-skin adherence factor ($mg/cm^2$); |
| ABS | = | percent dermal absorption (COC-specific; unitless); |
| CF | = | conversion factor for soil ($10^{-6}$ kg/mg); |
| EF | = | exposure frequency (days/yr); |
| ED | = | exposure duration (yrs); |
| BW | = | body weight (kg); and |
| $AT_{NC}$ | = | averaging time (days) based on noncancer effects: ED x 365 days. |

The following equation was used to estimate the $IF_{dermal}$ for a construction and utility maintenance worker based on cancer effects:

$$IF_{dermal} = \frac{SA \times AF \times ABS \times CF \times EF \times ED}{BW \times AT_C}$$

Where:

| | | |
|---|---|---|
| $AT_C$ | = | averaging time (days) based on cancer effects: 70 x 365 days. |

The following equation was used to estimate the $IF_{dermal}$ for an onsite resident based on cancer effects:

$$IF_{dermal} = \left[\frac{SA \times AF \times ABS \times CF \times EF \times ED}{BW \times AT_C}\right]_{CHILD} + \left[\frac{SA \times AF \times ABS \times CF \times EF \times ED}{BW \times AT_C}\right]_{ADULT}$$

The exposure parameters used to estimate $IF_{dermal}$ for dermal contact with soil are presented in **Table 7**.

### 3.5.3 Inhalation of Fugitive Dust/Vapors

Inhalation of fugitive dust-containing COCs and volatile COCs in outdoor air is a consideration for soil matrix and soil vapor exposures. Inhalation of indoor air vapors is a consideration for soil vapor exposures. For the inhalation pathways, the IF is replaced with an EC, as discussed in Section 3.4 above. The equations used to estimate the EC are presented below.

#### 3.5.3.1 Outdoor Air Pathway from Soil

The following equation was used to estimate the EC for the inhalation pathways for outdoor air from soil:

$$EC_{inh,soil} = \frac{EF \times ED \times ET}{AT \times \left(VF_{soil} \text{ or } PEF\right)}$$

Where:

| | | |
|---|---|---|
| $EC_{inh,soil}$ | = | exposure concentration factor of COC in outdoor air from soil ($kg/m^3$); |
| EF | = | exposure frequency (days/yr); |
| ED | = | exposure duration (yrs); |
| ET | = | exposure time (24 hrs/24 hrs for a resident; 8 hrs/24 hrs for workers); |
| AT | = | averaging time (days): |
| | | cancer effects: 70 yrs × 365 days; |
| | | noncancer effects: ED × 365 days; |
| PEF | = | particulate emission factor for soil ($m^3/kg$); |
| | | $PEF_{resident}$ = for a hypothetical future resident ($m^3/kg$); |
| | | $PEF_{CUW}$ = for a construction and utility maintenance worker ($m^3/kg$); |
| $VF_{soil}$ | = | volatilization factor for soil ($m^3/kg$); |
| | | $VF_{soil}$ = for an onsite resident ($m^3/kg$); and |
| | | $VF_{soil\text{-}OA}$ = for a construction and utility maintenance worker ($m^3/kg$). |

The exposure parameters used to estimate $EC_{inh,soil}$ for outdoor inhalation of fugitive dust/vapors from soil are presented in **Table 7**.

#### 3.5.3.2 Outdoor Air Pathway from Soil Vapor

The following equation was used to estimate the EC for the inhalation pathway for outdoor air from soil vapor for a construction and utility maintenance worker:

$$EC_{SV\text{-}OA} = \frac{EF \times ED \times ET}{AT \times CF \times VF_{SV\text{-}OA}}$$

Where:

$EC_{SV\text{-}OA}$ = exposure concentration factor of COC in outdoor air from soil vapor (unitless);

EF = exposure frequency (days/yr);

ED = exposure duration (yrs);

ET = exposure time (8 hrs/24 hrs for workers);

AT = averaging time (days):

cancer effects: 70 yrs × 365 days;

noncancer effects: ED × 365 days; and

$VF_{SV\text{-}OA}$ = volatilization factor for soil vapor ($mg/m^3$ per $mg/m^3$).

The exposure parameters used to estimate $EC_{SV\text{-}OA}$ for outdoor inhalation of vapors from soil vapor are presented in **Table 7**.

3.5.3.3 Indoor Air Pathway

The following equation was used to estimate the EC for the inhalation pathway for indoor air from sub-slab soil vapor:

$$EC_{SS\text{-}SV\text{-}IA} = \frac{EF \times ED \times ET \times AF_{SV\text{-}IA}}{AT}$$

Where:

$EC_{SS\text{-}SV\text{-}IA}$ = exposure concentration of COC in indoor air from sub-slab soil vapor (unitless);

EF = exposure frequency (days/yr);

ED = exposure duration (yrs);

ET = exposure time (24 hrs/24 hrs for a resident);

$AF_{SV\text{-}IA}$ = 0.002; Site-specific value(unitless);

AT = averaging time (days):

cancer effects: 70 yrs × 365 days; and

noncancer effects: ED × 365 days.

The exposure parameters used to estimate $EC_{SS\text{-}SV\text{-}IA}$ for indoor inhalation of vapors from soil vapor are presented in **Table 7**.

## 4.0 TOXICITY ASSESSMENT

The toxicity assessment characterizes the relationship between the magnitude of exposure to a COC and the nature and magnitude of adverse health effects that may result from such exposure. Consistent with regulatory risk assessment policy, adverse health effects resulting from potential chemical exposures are classified into two broad categories: carcinogens and noncarcinogens. Toxicity criteria are generally developed based on the threshold approach for noncarcinogenic effects and the non-threshold approach for carcinogenic effects.

For carcinogens, it is assumed that there is no level of exposure that does not have a finite possibility of causing cancer (i.e., there is no threshold dose for carcinogenic effects). That is, a single exposure of a carcinogen may, at any level, result in an increased probability of developing cancer. For chemicals exhibiting noncarcinogenic effects, it is believed that organisms have protective mechanisms that must be overcome before the toxic endpoint results (i.e., there is a threshold dose for these effects). For example, if a large number of cells perform the same or similar functions, it would be necessary for significant damage or depletion of these cells to occur before a toxic effect could be seen. As a result, a range of exposures exists from zero to some finite value that can be tolerated by the organism with essentially no chance of expression of adverse effects (USEPA, 1989). Some chemicals may elicit both carcinogenic and noncarcinogenic effects.

The key dose-response criteria are (i) cancer slope factors (CSFs) or inhalation unit risk factors (IURs) for estimating cancer risks from exposure to carcinogens; and (ii) reference doses (RfDs) or inhalation reference concentrations (RfCs) for estimating hazard from exposure to noncarcinogens. In addition, Cal-EPA Office of Environmental Health Hazard Assessment (OEHHA; Cal-EPA 2014) has developed chronic Reference Exposure Levels (RELs) for noncarcinogenic effects from inhalation exposures. For developing SSCGs, cancer toxicity criteria (except for trichloroethene [TCE] as discussed below) were selected from the following sources, in order of preference:

1) Cal-EPA OEHHA Toxicity Criteria Database, online (Cal-EPA, 2014);
2) USEPA's (2014) Integrated Risk Information System (IRIS);
3) USEPA RSLs for Chemical Contaminants at Superfund Sites (USEPA, 2013b);
4) USEPA National Center of Environmental Assessment (as reported in USEPA, 2013b);

5) Agency for Toxic Substances Disease Registry (as reported in USEPA, 2013b); and
6) Health Effects Assessment Summary Tables (as reported in USEPA, 2013b).

The noncancer toxicity criteria were selected from the following sources, in order of preference:

1) USEPA's (2014) IRIS database; and
2) Cal-EPA OEHHA Toxicity Criteria Database online (Cal-EPA, 2014).

For TCE, the USEPA inhalation IUR of $4.1\times10^{-6}$ $(\mu g/m^3)^{-1}$ and oral CSF of $4.6\times10^{-2}$ $(mg/kg\text{-}day)^{-1}$ were used for derivation of SSCGs, which are consistent with the most recent USEPA published toxicity values for TCE (USEPA, 2011). Moreover, because TCE is considered carcinogenic by a mutagenic mode of action for kidney effects, separate cancer risk equations are presented for mutagens as outlined in the USEPA RSL User's Guide (USEPA, 2013a). These equations were used for TCE for the residential scenario.

At the present time, Cal-EPA and USEPA have only developed toxicity criteria for the oral and inhalation routes of exposure. As recommended by Cal-EPA and USEPA, in the absence of values specific to the dermal route, the oral toxicity criteria were used to evaluate dermal exposures. In addition, route-to-route extrapolation between ingestion and inhalation routes of exposure was used for those chemicals for which toxicity criteria are extrapolated in the USEPA Region 9 Preliminary Remedial Goal (PRG) table (USEPA, 2004a). This can be considered a conservative approach as current USEPA RSL guidance (USEPA, 2013a) does not include the route-to-route extrapolation. For some of the COCs, neither Cal-EPA nor USEPA have identified a toxicity value. In these cases, a surrogate chemical approach was employed in which the toxicity value developed for a structurally similar compound was assigned to the COC which is lacking the toxicity value (e.g., hexane for heptane).

Toxicity factors for TPH have been suggested by Cal-EPA Department of Toxic Substances Control (Cal-EPA, 2009a, 2013). Even though these toxicity factors for TPH have not gone through the same level of peer review as the other toxicity factor references used for the other COCs, the toxicity factors presented in Cal-EPA DTSC TPH guidance were used for TPH SSCGs. These values were presented in a letter from Geosyntec dated August 15, 2011 describing the derivation of RBSLs for TPH (TPH RBSL Letter; Geosyntec, 2011), which was approved by the RWQCB on November 14, 2011.

The traditional RfD approach to the evaluation of chemicals is not applied to lead because most adverse human health effects data associated with exposure to lead have been correlated with concentrations of lead in blood and not with intake of lead by an individual (Cal-EPA, 1996). In the absence of RfDs, Cal-EPA uses a 1 microgram per deciliter (µg/dL) benchmark for source-specific incremental change in blood lead levels for protection of children and fetuses (Cal-EPA, 2009b) as the revised health criterion for lead. This benchmark is the estimated incremental increase in a child's blood lead level that would reduce their IQ by up to 1 point. Based on this revised benchmark of 1 µg/dL, Cal-EPA has recommended a revised residential California Human Health Screening Level (CHHSL) of 80 mg/kg.

For the resident potentially exposed to deeper soils for a limited time and the construction and utility maintenance worker, the SSCGs were calculated using the CHHSL methodology for residential and industrial/commercial worker adjusted for exposure frequency and ingestion rate using the Adult Lead Model (ALM) as recommended by Cal-EPA. According to USEPA's 2003 guidance *Assessing Intermittent or Variable Exposures at Lead Sites* (USEPA, 2003a) and supporting documentation for the ALM, a minimum exposure frequency and exposure duration of 1 day per week for 3 months should be used to account for the model's steady-state assumption. In addition, a central tendency ingestion rate value of 100 mg/day is recommended for construction workers. Therefore, these input parameters were used for shorter term adult lead exposures.

A summary of the cancer and noncancer toxicity criteria for the COCs is presented in **Table 10**.

## 5.0 SITE-SPECIFIC CLEANUP GOALS

This section presents the methodology that was used in the Revised SSCG Report (Geosyntec, 2013a) to derive SSCGs for onsite residents and for construction and utility maintenance workers who may be present at the Site and have the potential to be exposed to residual chemicals present in soil and soil vapor. Additionally, SSCGs for soil leaching to groundwater and odor-based screening levels are presented in this section.

The risk-based SSCGs are calculated following methods presented in the Revised SSCG report (Geosyntec, 2013a). The SSCGs for soil leaching to groundwater, odor-based screening levels and groundwater based SSCGs have been updated in response to the January 23, 2014 letter from the Regional Board regarding the Revised SSCG report (RWQCB, 2014a) and the incorporates corrections made by the RWQCB for benzene and TPH-motor oil as presented in its May 29, 2014 letter (RWQCB, 2014c). **Tables 11**, **12** and **13** present the SSCGs for soil, sub-slab and soil vapor and groundwater, respectively.

### 5.1 Risk-based SSCG Methodology

Deriving risk-based SSCGs for COCs in soil, sub-slab soil vapor, and soil vapor requires information regarding the level of human intake of the COC (exposure assessment), the relationship between intake of the chemical and its toxicity (toxicity assessment), and the acceptable target risk. The sections below present the equations that were used in the development of the SSCGs for soil, sub-slab soil vapor, and soil vapor. The methodology that was used to derive SSCGs is based principally on guidelines provided by the USEPA in *Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A), Interim Final* (USEPA, 1989) and in the *Soil Screening Guidance* (USEPA, 2002b) and by the DTSC in *Preliminary Endangerment Assessment Guidance Manual* (Cal-EPA, 2013) and in *Recommended DTSC Default Exposure Factors For Use In Risk Assessment At California Hazardous Waste Sites and Permitted Facilities* (Cal-EPA, 2011a).

Various demarcations of acceptable risk have been established by regulatory agencies. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP; 40 CFR 300) indicates that lifetime incremental cancer risks posed by a site should not exceed a range of one in one million ($1\times10^{-6}$) to one hundred in one million ($1\times10^{-4}$) and noncarcinogenic chemicals should not be present at levels expected to cause adverse health effects (i.e., a Hazard Index [HI] greater than 1). In addition, other relevant guidance (USEPA, 1991b) states that sites posing a cumulative cancer risk of less than

$10^{-4}$ and hazard indices less than unity (1) for noncancer endpoints are generally not considered to pose a significant risk warranting remediation. The California Hazardous Substances Account Act (HSAA) incorporates the NCP by reference, and thus also incorporates the acceptable risk range set forth in the NCP. The Safe Drinking Water and Toxic Enforcement Act of 1986 (California Proposition 65) regulates chemical exposures to the general population and is based on an acceptable risk level of $1\times10^{-5}$. The DTSC considers the $1\times10^{-6}$ risk level as the generally accepted point of departure for unrestricted land use.

Under most situations, cancer risks in the range of $1\times10^{-6}$ to $1\times10^{-4}$ may be considered to be acceptable with cancer risks less than $10^{-6}$ considered insignificant. The risk range between $10^{-6}$ and $10^{-4}$ is commonly called the "discretionary risk range." This risk range is in addition to the background risk of Americans in the general population developing cancer from causes unrelated to a Site-specific exposure. The background risk is one chance in three (0.3 or $3\times10^{-1}$) for an American female, and one chance in two (0.5 or $5\times10^{-1}$) for an American male of eventually developing cancer (ACS, 2013).

A target cancer risk level of $1\times10^{-6}$ was used to derive SSCGs for onsite residents. For the construction and utility maintenance worker, the SSCGs were derived using a target cancer risk level of $1\times10^{-5}$ (the "mid-point" of the risk management range and commonly used for managing commercial/industrial land uses). A target HI of 1 was used for noncarcinogens for all exposure scenarios. These risk levels are used to provide context to the risk results and to support the following discussion which focuses on those pathways and chemicals that contribute the majority to the risk estimates. It is acknowledged that additional risk management considerations such as technical feasibility, economic, social, political, and legal factors may be part of the final risk management decision. The results of the risk characterization are really the starting point for risk management considerations for a site (USEPA, 1995).

### 5.1.1 SSCGs Based on Cancer Health Effects

The SSCG equations below describe the established relationship between estimated intake, toxicity, and potential risk for cancer health effects (USEPA, 1989).

For COCs in soil:

$$SSCG_{soil\text{-}c} = \frac{TR}{(CSF_{oral})\times(IF_{oral}+IF_{dermal})+(IUR\times EC_{inh,soil}\times CF)}$$

For COCs in soil vapor for the construction and utility maintenance worker:

$$SSCG_{sv\text{-}c} = \frac{TR}{(IUR \times EC_{SV\text{-}OA} \times CF)}$$

For COCs in sub-slab soil vapor for the onsite resident:

$$SSCG_{ss\text{-}sv\text{-}c} = \frac{TR}{(IUR \times EC_{SS\text{-}SV\text{-}IA} \times CF)}$$

Where:

| | | |
|---|---|---|
| $SSCG_{soil\text{-}c}$ | = | Site-specific cleanup goal for soil based on cancer effects (mg/kg); |
| TR | = | target cancer risk level (unitless); |
| $CSF_{oral}$ | = | cancer slope factor for oral (ingestion and dermal contact) exposures $(mg/kg \cdot d)^{-1}$; |
| $IF_{oral}$ | = | intake factor for ingestion (kg soil per kg body weight per day); |
| $IF_{dermal}$ | = | intake factor for dermal contact (kg soil per kg body weight per day); |
| IUR | = | inhalation unit risk factor $(\mu g/m^3)^{-1}$; |
| $EC_{inh,soil}$ | = | exposure concentration for inhalation of COCs from soil ($mg/m^3$ per mg/kg); |
| CF | = | conversion factor ($10^3$ µg/mg); |
| $SSCG_{sv\text{-}c}$ | = | Site-specific cleanup goal for soil vapor to outdoor air based on cancer effects ($mg/m^3$); |
| $EC_{SV\text{-}OA}$ | = | exposure concentration for outdoor inhalation ($mg/m^3$ per $mg/m^3$); |
| $SSCG_{ss\text{-}sv\text{-}c}$ | = | Site-specific cleanup goal for sub-slab soil vapor to indoor air based on cancer effects ($mg/m^3$); and |
| $EC_{SS\text{-}SV\text{-}IA}$ | = | exposure concentration for indoor inhalation ($mg/m^3$ per $mg/m^3$). |

The formulas and exposure parameters for developing the soil IFs for ingestion and dermal contact, as well as for developing the ECs for soil, sub-slab soil vapor, and soil vapor were presented above in Section 3.4. The SSCGs for soil and sub-slab and soil vapor are presented in **Tables 11** and **12**, respectively, for the onsite resident. The SSCGs for soil and soil vapor are also presented in **Tables 11** and **12**, respectively, for the construction and utility maintenance worker. SSCG calculations are presented in **Appendix C**.

### 5.1.2 SSCGs Based on Noncancer Health Effects

The SSCG equations below describe the established relationship between estimated intake, toxicity, and risk for noncancer health effects (USEPA, 1989).

For COCs in soil:

$$SSCG_{soil\text{-}nc} = \frac{THI}{\left(\frac{IF_{oral}}{RfD_{oral}}\right) + \left(\frac{IF_{dermal}}{RfD_{oral}}\right) + \left(\frac{EC_{inh,soil}}{RfC}\right)}$$

For COCs in soil vapor for the construction and utility maintenance worker:

$$SSCG_{sv\text{-}nc} = \frac{THI}{\left(\frac{EC_{SV\text{-}OA}}{RfC}\right)}$$

For COCs in sub-slab soil vapor for the onsite resident:

$$SSCG_{ss\text{-}sv\text{-}nc} = \frac{TR}{\left(\frac{EC_{SS\text{-}SV\text{-}IA}}{RfC}\right)}$$

Where:

$SSCG_{soil\text{-}nc}$ = Site-specific cleanup goal for soil based on noncancer effects (mg/kg);

$THI$ = target noncancer hazard index (unitless);

$IF_{oral}$ = intake factor for ingestion (kg soil per kg body weight per day);

$RfD_{oral}$ = noncancer reference dose for oral (ingestion and direct-contact) exposures (mg/kg·d);

$IF_{dermal}$ = intake factor for dermal contact (kg soil per kg body weight per day);

$EC_{inh,soil}$ = exposure concentration for inhalation of COCs from soil ($mg/m^3$ per mg/kg from soil);

$RfC$ = noncancer reference concentration for inhalation exposure ($mg/m^3$);

$SSCG_{sv\text{-}nc}$ = Site-specific cleanup goal for soil vapor to outdoor air based on noncancer effects ($mg/m^3$);

$EC_{SV\text{-}OA}$ = exposure concentration for outdoor inhalation of COCs (mg/m$^3$ soil vapor per mg/m$^3$ outdoor air);

$SSCG_{ss\text{-}sv\text{-}nc}$ = Site-specific cleanup goal for sub-slab soil vapor to indoor air based on noncancer effects (mg/m$^3$); and

$EC_{SS\text{-}SV\text{-}IA}$ = exposure concentration for indoor inhalation (mg/m$^3$ per mg/m$^3$).

The formulas and exposure parameters for developing the soil IFs for ingestion and dermal contact, as well as for developing the ECs for soil, sub-slab soil vapor, and soil vapor were presented above in Section 3.4. The SSCGs for soil and sub-slab and soil vapor are presented in **Tables 11** and **12**, respectively, for the onsite resident. The SSCGs for soil and soil vapor are also presented in **Tables 11** and **12**, respectively, for the construction and utility maintenance worker. SSCG calculations are presented in **Appendix C**.

### 5.1.3 TPH Fraction-Specific SSCGs

TPH compounds include a wide range of chemicals that are found in crude oils, petroleum products, and other petroleum-related materials. Because TPH mixtures can encompass a large range of hydrocarbons, chemical properties and environmental behavior vary widely among the many hundreds of compounds present in these mixtures. Methods to evaluate potential risks associated with TPH analytical results have been published in state and national working group guidance documents including the DTSC (Cal-EPA, 2009a, 2013), the Total Petroleum Hydrocarbon Criteria Working Group (TPHCWG, 1997ab; 1998ab; 1999), and Massachusetts Department of Environmental Protection (MADEP, 2002; 2003). Approaches presented in these documents were used to develop SSCGs for comparison to TPH data collected at the Site.

TPH may refer to a variety of products or wastes, but for the soil samples collected at the Site and analyzed by USEPA Method 8015B (M)[4], analytical results are grouped into three product ranges according to the number of carbon chain atoms:

[4] Results from USEPA Method 8015B (M) are equivalent to USEPA Method 8015C for TPH analysis.

| TPH Product Range | Carbon Chain Range |
|---|---|
| $TPH_{gasoline}$ ($TPH_g$) | $C_4 – C_{12}$ |
| $TPH_{diesel}$, ($TPH_d$) | $C_{10} – C_{22}$ |
| $TPH_{motor\ oil}$ ($TPH_{mo}$) | $C_{17} – C_{44}$ |

TPH product range concentrations reported (i.e., $TPH_g$, $TPH_d$ or $TPH_{mo}$) do not necessarily indicate the presence of gasoline, diesel, or motor oil, only that there are hydrocarbons present that fall in those specific carbon-chain length ranges. In addition, there is some variability in the carbon chain range reported by the analytical laboratories.

For each of the carbon chain ranges, two different types of compounds or fractions may be present: aliphatic or aromatic. Therefore, TPH fractionation analysis was performed on soil and soil vapor samples to refine the TPH characterization. In the TPH fractionation analysis, aliphatic and aromatic fractions are quantified consistent with the Cal-EPA TPH Guidance (Cal-EPA, 2009a, 2013). These TPH fractions are listed below:

| TPH Product Range | Aliphatic Fraction | Aromatic Fraction |
|---|---|---|
| Light | $C_5 – C_8$ | $C_6 – C_8$ |
| Medium | $C_9 – C_{18}$ | $C_9 – C_{16}$ |
| Heavy | $C_{19} – C_{32}$ | $C_{17} – C_{32}$ |

Both types of analyses (i.e., product range analysis and fractionation analysis) have been conducted at the Site, and the TPH fractionation analytical results are used in the derivation of SSCGs for product-range TPH results as described in later sections.

The fraction-specific SSCGs for soil, sub-slab soil vapor, and soil vapor are presented below:

| TPH Fractions | Onsite Resident | | | Construction and Utility Maintenance Worker | |
|---|---|---|---|---|---|
| | **Soil SSCG (EF350)** (mg/kg) | **Soil SSCG (EF4)** (mg/kg) | **Sub-Slab Soil Vapor SSCG** (µg/m$^3$) | **Soil SSCG** (mg/kg) | **Soil Vapor SSCG** (µg/m$^3$) |
| Aliphatic: $C_5$-$C_8$ | 7.1E+02 | 6.2E+04 | 3.7E+05 | 8.3E+02 | 1.2E+09 |
| Aliphatic: $C_9$-$C_{18}$ | 1.4E+03 | 1.3E+05 | 1.6E+05 | 1.6E+03 | 1.2E+08 |
| Aliphatic: $C_{19}$-$C_{32}$ | 1.1E+05 | 1.0E+07 | -- | 5.5E+06 | -- |
| Aromatic: $C_6$-$C_8$ | -- | -- | -- | -- | -- |
| Aromatic: $C_9$-$C_{16}$ | 6.0E+02 | 5.3E+04 | 2.6E+04 | 7.5E+02 | 6.7E+06 |
| Aromatic: $C_{17}$-$C_{32}$ | 1.7E+03 | 1.5E+05 | -- | 8.3E+04 | -- |

Notes:

- EF: exposure frequency; 350 days/year for a typical resident and 4 days/year for a resident who infrequently contacts subsurface soils.
- " – " not calculated
- SSCGs for the $C_6$-$C_8$ aromatic fraction are not calculated because individual constituents in this fraction (i.e., benzene, toluene, ethylbenzene) were analyzed.
- Sub-slab soil vapor and soil vapor SSCGs for the $C_{19}$-$C_{32}$ aliphatic and $C_{17}$-$C_{32}$ aromatic fractions are not calculated because the volatility of these fractions are low and no RfC is available for these fractions.

### 5.1.4 SSCGs for TPH Product Ranges

Fraction-specific soil, sub-slab soil vapor, and soil vapor SSCGs for the different TPH fraction ranges presented above are used to derive soil, sub-slab soil vapor, and soil vapor SSCGs for TPH product ranges: $TPH_g$, $TPH_d$, and $TPH_{mo}$. Fractionation results from soil samples collected through February 24, 2011 were used to evaluate the aromatic/aliphatic composition of the different TPH ranges. The analytical results correlation analysis was presented in a letter to the RWQCB dated August 15, 2011 (Geosyntec, 2011). The aromatic/aliphatic ratios for each TPH range are as follows:

- Light Range TPH = 0.03
- Medium Range TPH = 1.3
- Heavy Range TPH = 1.0

The carbon number ranges used in the TPH product range ($TPH_g$, $TPH_d$, and $TPH_{mo}$) analyses are different from those used in the TPH fractionation analyses. As a result, there is overlap in the product range carbon-chain values and what is encompassed by the fraction results. Consequently, the contribution to the TPH product range from the different aliphatic and aromatic fractions was estimated based on a comparison of the carbon ranges encompassed by the different analyses (Geosyntec, 2011). The following contributions were assumed:

- $TPH_g$: 50% contribution from the light fractions and 50% contribution from the medium fractions;
- $TPH_d$: 50% contribution from the medium fractions and 50% contribution from the heavy fractions; and
- $TPH_{mo}$: 100% contribution from the heavy fractions.

The following equation was used to derive the SSCGs for $TPH_g$, $TPH_d$, and $TPH_{mo}$:

$$\text{SSCG}\,(\text{TPH}_g, \text{TPH}_d, \text{TPH}_{mo}) = 100\% \times \left[ \sum \frac{\text{Fraction}\,\%}{\text{Fraction SSCG}} \right]^{-1}$$

Where:

Fraction % = % contribution of TPH fraction to product range TPH (unitless); and

Fraction SSCG = Site-specific cleanup goal determined above for the different TPH fraction (soil in mg/kg; sub-slab soil vapor and soil vapor in $\mu g/m^3$).

The following table summarizes the SSCG calculations for $TPH_g$, $TPH_d$, and $TPH_{mo}$:

| TPH Product Ranges | % Contribution to Product Range TPH | Aromatic/ Aliphatic Ratio | % Contribution of TPH Fraction | Onsite Resident | | | Construction and Utility Maintenance Worker | |
|---|---|---|---|---|---|---|---|---|
| | | | | **Soil SSCG (EF350) (mg/kg)** | **Soil SSCG (EF4) (mg/kg)** | **Sub-Slab Soil Vapor SSCG (µg/m$^3$)** | **Soil SSCG (mg/kg)** | **Soil Vapor SSCG (µg/m$^3$)** |
| **TPHg** | | | | | | | | |
| ***Light Fraction*** | 50% | 0.03 | | | | | | |
| Aliphatic: $C_5$-$C_8$ | | | 49% | 7.1E+02 | 6.2E+04 | 3.7E+05 | 8.3E+02 | 1.2E+09 |
| Aromatic: $C_6$-$C_8$ | | | 1% | 6.0E+02 | 5.3E+04 | 2.6E+04 | 7.5E+02 | 6.7E+06 |
| ***Medium Fraction*** | 50% | 1.3 | | | | | | |
| Aliphatic: $C_9$-$C_{18}$ | | | 22% | 1.4E+03 | 1.3E+05 | 1.6E+05 | 1.6E+03 | 1.2E+08 |
| Aromatic: $C_9$-$C_{16}$ | | | 28% | 6.0E+02 | 5.3E+04 | 2.6E+04 | 7.5E+02 | 6.7E+06 |
| | | | **TPHg =** | **7.6E+02** | **6.6E+04** | **7.2E+04** | **9.0E+02** | **2.2E+07** |
| **TPHd** | | | | | | | | |
| ***Medium Fraction*** | 50% | 1.3 | | | | | | |
| Aliphatic: $C_9$-$C_{18}$ | | | 22% | 1.4E+03 | 1.3E+05 | 1.6E+05 | 1.6E+03 | 1.2E+08 |
| Aromatic: $C_9$-$C_{16}$ | | | 28% | 6.0E+02 | 5.3E+04 | 2.6E+04 | 7.5E+02 | 6.7E+06 |
| ***Heavy Fraction*** | 50% | 1.0 | | | | | | |
| Aliphatic: $C_{19}$-$C_{32}$ | | | 25% | 1.1E+05 | 1.0E+07 | -- | 5.5E+06 | -- |
| Aromatic: $C_{17}$-$C_{32}$ | | | 25% | 1.7E+03 | 1.5E+05 | -- | 8.3E+04 | -- |
| | | | **TPHd =** | **1.3E+03** | **1.1E+05** | **8.1E+04** | **1.9E+03** | **2.3E+07** |
| **TPHmo** | | | | | | | | |
| ***Heavy Fraction*** | 100% | 1.0 | | | | | | |
| Aliphatic: $C_{19}$-$C_{32}$ | | | 49% | 1.1E+05 | 1.0E+07 | -- | 5.5E+06 | -- |
| Aromatic: $C_{17}$-$C_{32}$ | | | 51% | 1.7E+03 | 1.5E+05 | -- | 8.3E+04 | -- |
| | | | **TPHmo =** | **3.3E+03** | **2.9E+05** | **--** | **1.6E+05** | **--** |

Note: Because individual $C_6$-$C_8$ aromatic constituents are evaluated separately, SSCG for $C_9$-$C_{16}$ aromatic fraction used for evaluation

## 5.2 Soil Leaching to Groundwater Methodology

Site-specific Clean-up levels for potential leaching to groundwater were developed for the COCs identified for this pathway and presented in the Revised SSCG Report (Geosyntec 2013). RWQCB-revised SSCGs for the leaching to groundwater pathway were included in the January 23, 2014 letter from the Regional Board (RWQCB, 2014a). While the values proposed by the Regional Board did consider some site-

specific factors, the SSCGs included in the letter were not consistent with Regional Board guidance (RWQCB, 1996), other guidance documents that were considered in the development of SSCGs as directed in the March 11, 2011 Cleanup and Abatement Order (CAO) for the Site (RWQCB, 2011), or comments on the Revised SSCG report included in the RWQCB letter. To address this discrepancy in recommended approaches to calculate SSCGs for the leaching to groundwater pathway, SSCGs following the methods detailed in the Regional Board's 1996 Interim Site Assessment & Cleanup Guidebook (RWQCB, 1996) were provided in the March 10, 2014 HRHA report. However, in response to the RWQCBs comments on that report, the RWQCB-revised SSGCs presented in their letter dated January 23, 2014 (as corrected in the May 29, 2014 letter from the Regional Board for benzene and TPH-mo) were used in this Revised HHRA.

The SSCGs based on soil leaching to groundwater are summarized in **Table 11.**

## 5.3 Background-based SSCG Methodology

Metals and cPAHs may be naturally occurring in the environment or present at ambient levels not associated with former Site activities. Development of the SSCGs, as discussed in previous sections, should also consider background conditions (both natural and non-site-related anthropogenic sources) for metals and cPAHs. The consideration of background concentrations is important in risk assessment and remedial planning as it is infeasible to clean up to lower concentrations than background. BTVs were developed for metals and cPAHs using local and regional background datasets, as discussed in Section 2.2.3 and in **Appendix A**. After comparison to RBSLs, BTVs, and the additional analysis including one-sample hypothesis testing, antimony, arsenic, cobalt, lead, thallium, vanadium, and benzo(a)pyrene were considered to be above background. Therefore, these compounds were evaluated further in this Revised HHRA.

## 5.4 SSCGs for Methane

The SSCGs for methane are the same as those presented in the Data Evaluation and Decision Matrix previously prepared for the Site. These SSCGs are consistent with Cal-EPA DTSC (DTSC, 2005b) guidance for addressing methane detected at school sites.

| Methane Level | Response |
|---|---|
| >10%LEL (> 5,000 ppmv or 0.5%)<br><br>Soil vapor pressure > 13.9 in $H_2O$ | Evaluate engineering controls |
| > 2% - 10%LEL (> 1,000 - 5,000 ppmv or 0.1 to 0.5%)<br><br>Soil vapor pressure > 2.8 in $H_2O$ | Perform follow-up sampling and evaluate engineering controls |

Methane has been detected in sub-surface soil vapor samples, particularly deeper soil vapor samples, collected at the Site. Methane screening conducted in indoor structures at the Site and utility vaults, storm drains, and sewer manholes at and surrounding the Site has not identified methane concentrations in enclosed spaces that indicate a potential safety risk.

Very few instances of methane detection above 1% (i.e., 20% of the LEL) have been found in sub-slab soil vapor, and in all but one location, the results of methane speciation indicate the source was either a natural gas pipeline leak or sewer leak. Methane resulting from biodegradation of residual petroleum hydrocarbons has been identified in one sub-slab garage probe at one property[1]; Engineering controls have been installed to mitigate potential risks due to methane detected at this location.

Through January 30, 2014, methane concentrations slightly above the interim action levels of 0.1% and 0.5% were detected in one sub-slab probe during one sampling event at five different properties. At four of these properties, methane concentrations were above the lower methane SSCG of 0.1% but were not above the upper methane SSCG of 0.5%. In all four cases, the methane detections were not reproducible in subsequent sampling events. At one location, a methane concentration of 0.58%, slightly above the upper methane SSCG, was detected in a single sampling event. That sub-slab probe has only been sampled once. This location is considered for further evaluation in the RAP.

[1] Sub-slab soil vapor methane concentrations exceeding interim action levels have been identified as a result of leaking natural gas utility lines, which were found at several of the residential properties, and a leaking sewer line at two residential properties.

### 5.5 Odor-based SSCGs for Soil Vapor

Odor-based screening levels also have been identified for consideration in the preparation of the RAP. The odor-based screening levels for soil vapor published in the SFRWQCB ESL documentation (SFRWQCB, 2013, Table E) will be used and are presented in Table 12. Note that the nuisance-based SSCG for TPH in the Regional Board January 23, 2014 letter was not consistent with the SFRWCB ESLs; and the odor-based SSCGs for TPH in Table 12 show the correct ESL values. Based on the comparison of the risk based SSCGs and odor based screening levels, corrective action planning to address risk-based SSCGs will also address odor and nuisance concerns.

# 6.0 RISK CHARACTERIZATION

Risk characterization integrates the results of the toxicity assessment and the exposure assessment to estimate potential incremental lifetime cancer risks and adverse noncancer health effects associated with exposure to chemicals detected at the Site. This integration provides quantitative estimates of cancer risk and noncancer hazard that are then compared to acceptable standards that were discussed in Section 5.

Risk assessment is an iterative process where site, receptor, and chemical-specific data are used when available. When specific data are not available, conservative, i.e., health protective, assumptions are utilized (e.g., assuming a resident is in daily contact with exposed soil and ingesting soil at a rate of 100 mg/day). The use of repeated, conservative assumptions can lead to overly conservative estimations of risk or hazard, but which provides an upper-bound estimate of the actual risk or hazard. Thus, for any site, the estimated risk or hazard level reflect an upper-bound estimate of potential risk or hazard. The most probable risk or hazard is likely to be much less, perhaps as low as zero, and probably not measurable in the potentially exposed population.

The methodology for deriving risk-based SSCGs for residential and construction and utility maintenance worker populations and potential exposure routes were presented in the Revised SSCG report (Geosyntec, 2013a) and discussed above. This section presents the methodology in which SSCGs were used to estimate chemical-specific and cumulative risk and hazard for the Site. Estimated ILCRs and noncancer HIs are presented and discussed.

This Revised HHRA also includes SSCGs and analysis regarding the presence of COCs in soil at background levels and potential leaching to groundwater (using the RWQCB-revised SSCGs). These additional considerations are also included in the risk characterization for the Site and are discussed in this section.

## 6.1 Human Health Cumulative Risk Methodology

This section presents the approach used in comparing the concentrations of individual COCs in soil, sub-slab soil vapor, and soil vapor to the SSCGs, and in estimating the cumulative ILCR and noncancer hazard associated with exposure to the COCs. As discussed in Section 3.3, soil EPCs for property and street data for each depth interval are based on the 95UCL if sufficient data are available. The maximum concentration for an individual COC is used if sufficient data are not available to calculate a 95UCL. The maximum detected vapor concentrations for each property was used in the analysis for potential residential exposure to sub-slab soil vapor and for construction and utility

maintenance worker exposure to soil vapor. For soil vapor data collected in the streets, the 95UCL was calculated and used in the risk characterization.

The cumulative ILCR and noncancer hazard posed by the presence of COCs detected in soil, sub-slab soil vapor, and soil vapor were estimated in this Revised HHRA using the following equations

Cumulative incremental lifetime cancer risk:

For COCs in soil:

$$ILCR_{tot} = \left[ \sum_{i=1}^{n} \left( \frac{EPC_{Soil\,i}}{SSCG_{Soil\text{-}C,i}} \right) \right] \times TR$$

For COCs in soil vapor for the construction and utility maintenance worker:

$$ILCR_{tot} = \left[ \sum_{i=1}^{n} \left( \frac{EPC_{SV\,i}}{SSCG_{SV\text{-}C,i}} \right) \right] \times TR$$

For COCs in sub-slab and soil vapor for the resident:

$$ILCR_{tot} = \left[ \sum_{i=1}^{n} \left( \frac{EPC_{SS\text{-}SV\text{-}C\,i}}{SSCG_{SS\text{-}SV\text{-}C,i}} \right) \right] \times TR$$

Cumulative noncancer hazard index:

For COCs in soil:

$$HI_{tot} = \left[ \sum_{i=1}^{n} \left( \frac{EPC_{Soil\,i}}{SSCG_{Soil\text{-}NC,i}} \right) \right] \times THI$$

For COCs in soil vapor for the construction and utility maintenance worker:

$$HI_{tot} = \left[ \sum_{i=1}^{n} \left( \frac{EPC_{SV\,i}}{SSCG_{SV\text{-}NC,i}} \right) \right] \times THI$$

For COCs in sub-slab and soil vapor for the onsite resident:

$$HI_{tot} = \left[ \sum_{i=1}^{n} \left( \frac{EPC_{SS\text{-}SV\,i}}{SSCG_{SS\text{-}SV\text{-}NC,i}} \right) \right] \times THI$$

Where:

| | | |
|---|---|---|
| $ILCR_{tot}$ | = | cumulative incremental lifetime cancer risk from all COCs detected in specific medium (unitless); |
| $EPC_{Soili}$ | = | exposure point concentration of COC *i* detected in soil (mg/kg); |
| $SSCG_{Soil\text{-}C}$ | = | Site-specific cleanup goal for soil based on cancer effects (mg/kg); |
| $EPC_{SVi}$ | = | exposure point concentration of COC *i* detected in soil vapor (mg/m$^3$); |
| $SSCG_{SV\text{-}C}$ | = | Site-specific cleanup goal for soil vapor to outdoor air based on cancer effects (mg/m$^3$); |
| $EPC_{SS\text{-}SVi}$ | = | exposure point concentration of COC *i* detected in sub-slab or soil vapor (mg/m$^3$); |
| $SSCG_{SS\text{-}SV\text{-}C}$ | = | Site-specific cleanup goal for sub-slab and soil vapor to indoor air based on cancer effects (mg/m$^3$); and |
| TR | = | target cancer risk (unitless); |
| $HI_{tot}$ | = | cumulative noncancer hazard index from all COCs detected in the specific medium (unitless); |
| $SSCG_{Soil\text{-}NC}$ | = | Site-specific cleanup goal for soil based on noncancer effects (mg/kg); |
| $SSCG_{SV\text{-}NC}$ | = | Site-specific cleanup goal for soil vapor to outdoor air based on noncancer effects (mg/m$^3$); |
| $SSCG_{SS\text{-}SV\text{-}NC}$ | = | Site-specific cleanup goal for sub-slab and soil vapor to indoor air based on noncancer effects (mg/m$^3$); |
| THI | = | target noncancer hazard index (unitless); and |
| n | = | number of COCs for the medium evaluated (unitless). |

The SSCG methodology for estimating cumulative Site cancer risks and noncancer hazards can be applied to each COC detected in soil matrix, sub-slab soil vapor, or soil vapor at the Site. However, it is not always appropriate to include every COC in the cumulative risk and hazard calculations. Background concentrations of COCs should not be considered in the analysis of the cumulative risk and hazard calculations. Background concentrations are those concentrations, either native or anthropogenic,

that are present but not associated with any Site activities. The selection of COCs in a risk assessment takes into account background concentrations and only includes those chemicals that have concentrations above their respective background concentration. Because metals and cPAHs are naturally occurring in the environment, background concentrations are generally applied to these constituents detected at a site in the COC selection process. As discussed in Section 2.2.3, cPAHs and several metals were identified as being above background for select properties within the Kast site. These COCs were included in the risk calculations with the exception of arsenic. Properties where arsenic was determined to be above background have been identified for further consideration in remedial planning.

## 6.2 Potential Leaching to Groundwater Evaluation

In general, infiltration of water in open areas of the Site has the potential to mobilize COCs present in the vadose zone and continue to transport those COCs to groundwater. This transport is expected to occur at a declining rate through time as the compounds degrade in the vadose zone and they are depleted through leaching. To address this potential migration pathway, cleanup goals for the leaching to groundwater pathway were established by the RWQCB for COCs present in both Site soils and groundwater that are protective of groundwater quality, consistent with the Basin Plan and the State's anti-degradation policy.

For groundwater, chemicals present above their respective MCLs or NLs were identified as COCs. These same groundwater COCs were evaluated for the soil leaching to groundwater pathway with the exception of chemicals that were detected in five or less soil samples out of the over 10,000 samples collected for the Site. As discussed in Section 3.1.2.3, the chemicals detected in groundwater, but not evaluated due to very low detection frequencies are the non-Site-related COCs 1,1-dichloroethane, 1,1-dichloroethene, and trans-1,2-dichloroethene.

As discussed earlier the RWQCB-revised SSCGs were used in the Revised HHRA. The detailed soil data and SSCG comparison spreadsheets are presented in **Appendix E**.

## 6.3 Risk Characterization Results

As discussed in Section 5.1, various demarcations of acceptable risk have been established by regulatory agencies. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP; 40 CFR 300) indicates that lifetime incremental cancer risks posed by a site should not exceed a range of one in one million ($1\times10^{-6}$) to one hundred in one million ($1\times10^{-4}$) and noncarcinogenic chemicals should not be

present at levels that have the potential to cause adverse health effects (i.e., a hazard index greater than 1). If the HI exceeds 1, there may be concern for potential noncarcinogenic health effects. However, an HI above 1 does not indicate an effect will definitely occur due to the margin of safety associated with the exposure assumptions and chemical toxicity criteria used in health risk assessments. Also it should be noted that the scientific methods used in health risk assessment cannot be used to link individual illnesses to chemical exposures, rather health risk assessments are used as a predictive tool to evaluate theoretical risks for remedial decision making.

Incremental Lifetime Cancer Risk (ILCR) estimates were compared to the NCP risk range between $10^{-6}$ and $10^{-4}$. This risk range is in addition to the background risk of Americans in the general population developing cancer from causes unrelated to a Site-specific exposure. The background risk is one chance in three (0.3 or $3\times10^{-1}$) for an American female, and one chance in two (0.5 or $5\times10^{-1}$) for an American male of eventually developing cancer (ACS, 2013). For potential residential exposures, results were compared to the lower bound of the risk-range ($10^{-6}$). For potential worker exposures, results were compared to the mid-point of the risk range ($10^{-5}$). Noncancer Hazard Indices (HIs) were compared to the threshold value of 1.

Cumulative ILCRs and HIs for the Site are summarized in **Table 14** for potential residential exposure to soil, in **Table 15** for potential construction and utility maintenance worker exposure to soil, **Table 16** for potential residential exposure to sub-slab and soil vapor migrating to indoor air and **Table 17** for potential construction and utility maintenance worker exposure to soil vapor migrating to outdoor air. Potential soil leaching to groundwater was also evaluated for COCs detected within the streets. The maximum and 95UCL concentrations were compared to the SSCGsoil-gw as presented in **Table 18**. **Table 19** presents cumulative ILCRs and HIs across media for potential residential exposures to soil and soil vapor. **Table 20** presents cumulative ILCRs and HIs across media for potential construction and utility maintenance worker exposures to soil and soil vapor. The detailed cancer risk and noncancer hazard calculation spreadsheets are presented in **Appendix E**. The results for each receptor and exposure pathway scenarios are summarized in the following subsections in relation to the risk ranges mentioned above.

### 6.3.1 Onsite Resident

#### 6.3.1.1 Soil

Risk characterization results for residents potentially exposed via ingestion, dermal contact and inhalation for the COCs selected for soil are provided in **Table 14** and presented in **Figures 4 and 5** for the different depth intervals evaluated.

For soils ≤2 ft bgs, a total of 87 properties were identified as having an exceedance of the lower bound of the risk range of $1\times10^{-6}$ or an HI of 1. Seventeen properties had an exceedance of the ILCR of $1\times10^{-6}$. These ILCR estimates ranged from $2\times10^{-6}$ to $2\times10^{-5}$, well within the risk management range of $10^{-6}$ to $10^{-4}$. Two ILCR estimates were at or above a risk level of $1\times10^{-5}$; the remaining 15 values were at or below $5\times10^{-6}$. The primary COCs that contributed to the ILCR estimates were benzene, benzo(a)pyrene, ethylbenzene, 1-methylnaphthalene, naphthalene, and PCE (one property). Eighty-seven properties were identified as having an exceedance of an HI of 1. Of these 87 properties, two had HIs of 20 and 30, while 85 properties had HIs ranging from 2 to 10. Thirty-five of those properties have an HI of 2, marginally above the target HI, and 33 of these 35 properties with no individual COC-specific HQ above 1. Another 32 properties had HIs ranging from 3 to 5. The primary COCs that contributed to the HI estimates were TPH-d and TPH-mo. One property had a lead hazard quotient of 2, marginally above the HI of 1.

For soils ≤5 ft bgs, 172 properties were identified as having an exceedance of the lower bound of the risk range of $1\times10^{-6}$ or a HI of 1. Seventy-three (73) properties had an exceedance of the ILCR of $1\times10^{-6}$. The ILCR estimates ranged from $2\times10^{-6}$ to $3\times10^{-5}$, well within the risk management range of $10^{-6}$ to $10^{-4}$. Eleven ILCR estimates were at or above a risk level of $1\times10^{-5}$; t 51 values were at or below $5\times10^{-6}$. The primary COCs that contributed to the ILCR estimates were benzene, cPAHs, ethylbenzene, 1-methylnaphthalene, naphthalene, PCE (one property) and vinyl chloride (one property). One hundred andseventy-two (172 properties were identified as having an exceedance of an HI of 1, values for 164 properties ranged from 2 to 10, with seven properties having a value of 20 and one property having a value of 40. Thirty-two properties have a value of 2, marginally above the threshold of 1, and 27 properties with no individual COC-specific HQ above 1. Another 74 properties had a value ranging from 3 to 5. The primary COCs that contributed to the HI estimates were TPH-d and TPH-mo, with TPH-d being the primary COC for 55 properties. All lead hazard quotients were less than 1.

For subsurface soils (>5 to ≤10 ft bgs), no properties were identified as having an exceedance of the lower bound of the risk range of $1\times10^{-6}$ or an HI of 1 for the infrequent contact residential exposure scenario. All lead hazard quotients were less than 1.

In addition to the evaluation of incremental cancer risk and noncancer hazard, a property-specific background analysis was conducted for the Site COCs to determine if metals or cPAHs were present in soils above background levels. Metals and cPAHs considered above background were included in the estimates of risk and hazard summarized above with the exception of arsenic. Five properties were identified as being above background for arsenic and should be considered further during remedial planning.

6.3.1.2 Sub-Slab and Soil Vapor

Sub-slab soil vapor risk characterization results for residents potentially exposed via indoor air inhalation of COCs are provided in **Table 16** and presented in **Figure 7**. Soil vapor risk characterization results for residents potentially exposed via indoor air inhalation of COCs are provided in **Table 16.**

For sub-slab soil vapor, 49 properties were identified as having an exceedance of the lower bound of the risk range of $1\times10^{-6}$ or a HI of 1. However, the calculated cancer risk was greater than $1\times10^{-6}$ at 22 of these properties due to the contribution of of trihalomethane compounds (THMs). THMs in soil vapor are a result of off-gassing from municipal water that has been treated with chlorine for disinfection. THMs are not considered Site-COCs, and it is expected that any treatment of THMs would be temporary at best given that residential use of municipal water will continue after remediation. Consequently, risks excluding the contributions of the THMs are also presented in Table 16.

Excluding the THMs, 27 properties were identified as having an exceedance of the lower bound of the risk range of $1\times10^{-6}$ or a HI of 1. The ILCR estimates for 25 properties ranged from $2\times10^{-6}$ to $3\times10^{-5}$, well within the risk management range of $10^{-6}$ to $10^{-4}$. Two ILCR estimates were at $1\times10^{-4}$ and $2\times10^{-3}$, at and above the upper-bound of the risk management range of $1\times10^{-4}$.

- The property with the highest ILCR estimate is 378 E. 249th Street where elevated benzene concentrations were observed underneath the garage and a sub-slab mitigation system was installed as an interim measure. Two indoor air sampling events have been conducted at this property and the multiple-lines-of-

evidence vapor intrusion evaluation indicated that the indoor air concentrations are indistinguishable from background levels.

- The property with the second highest ILCR estimate is 24603 Marbella Avenue where elevated benzene concentrations were observed in one sample in the backyard during the first round of soil vapor sampling for that property. The result was not confirmed in the subsequent two sampling events in which benzene was not detected in any sub-slab soil vapor sample from the property. Additionally, two indoor air sampling events have been conducted at this property and the multiple-lines-of-evidence vapor intrusion evaluation indicated that the indoor air concentrations are indistinguishable from background levels.

The primary COCs that contributed to the ILCR estimates were benzene, carbon tetrachloride, chloroform, ethylbenzene, methylene chloride, naphthalene, PCE, TCE and vinyl chloride (one property). Of the 27 properties that were identified, five properties had no individual COC-specific ILCR estimate above $1\times10^{-6}$. Two properties were identified as having an exceedance of a hazard index of 1, with values of 2 and 5. These two properties were also identified as having an ILCR exceedance of greater than $1\times10^{-6}$.

For deeper soil vapor, based on the maximum detected concentration on properties Site-wide, the ILCR was $1\times10^{-6}$ and the noncancer HI was 0.01. For soil vapor from the streets, the ILCR estimate was $4\times10^{-3}$ and the noncancer HI was 30 including THMs and 20 excluding THMs, above the risk management range of $10^{-6}$ to $10^{-4}$ and target HI of 1, respectively.

#### 6.3.1.3 Cumulative Risks and Hazards

In response to comments received from the Expert Panel, cumulative cancer risk and noncancer hazard results for the onsite resident scenario were summed across all media, specifically soil less than or equal to 5 ft bgs along with sub-slab soil vapor. The results are presented in **Table 19**. The results shown in **Table 19** indicate that only one property had cumulative risk greater than $1\times10^{-6}$ (a value of $2\times10^{-6}$) when the media risks separately were less than $1\times10^{-6}$. However, this property is already identified for consideration in the Revised FS and Revised RAP due to an exceedance of the SSCG for leaching to groundwater and therefore potential cumulative risks for this property will be addressed as a part of the remedial action for soils.

### 6.3.2 Construction and Utility Maintenance Worker

#### 6.3.2.1 Soil

Risk characterization results for workers potentially exposed via ingestion, dermal contact and inhalation for COCs selected for soil are provided in **Table 15** and presented in **Figure 6** for ≤10 ft bgs. Construction and utility maintenance worker exposures were evaluated for two areas within the Site: (1) within the individual property boundaries and (2) within the Streets.

For property data, 9 properties were identified as having an exceedance of the target risk of $1\times10^{-5}$ or an HI of 1. The ILCR estimates ranged from $2\times10^{-5}$ to $3\times10^{-5}$, well within the risk management range of $10^{-6}$ to $10^{-4}$. The primary COC that contributed to the ILCR estimates was benzene. One hundred and thirty eight (138) properties were identified as having an exceedance of an HI of 1, ranging from 2 to 10. Forty-one of those properties have a value of 2, marginally above the threshold of 1. The primary COCs that contributed to the HI estimates were TPH-d and TPH-g, with TPH-d the primary contributor at 116 properties. The lead hazard quotients were less than 1.

In addition to the evaluation of incremental cancer risk and noncancer hazard, a property-specific background analysis was conducted for the Site COCs to determine if metals or cPAHs were present in soils above background levels. Metals and cPAHs considered above background were included in the estimates of risk and hazard summarized above with the exception of arsenic. Six properties were identified as being above background for arsenic and should be considered further during remedial planning.

For data collected in the Streets the ILCR was $2\times10^{-5}$ with no individual COC having a risk greater than $1\times10^{-5}$. The noncancer HI estimate was 6 with TPH-d as the primary contributors to the HI estimate. The lead hazard quotient was less than 1.

#### 6.3.2.2 Soil Vapor

Soil vapor risk characterization results for construction and utility maintenance workers potentially exposed via outdoor air inhalation of COCs are provided in **Table 17**.

No property had an ILCR greater than $1\times10^{-5}$ or a noncancer HI greater than 1. For data collected in the streets the ILCR was $3\times10^{-6}$ and the noncancer HI estimate was 0.04.

#### 6.3.2.3 Cumulative Risks and Hazards

In response to comments received from the Expert Panel, cumulative cancer risk and noncancer hazard results were summed across all media. The results are presented in **Table 20**. The results shown in **Table 20** indicate that no properties had cumulative risk greater than $1\times10^{-5}$ or hazard index above 1when the media risks separately were less than $1\times10^{-6}$.

### 6.3.3 Potential Soil Leaching to Groundwater

An evaluation was conducted for the potential for COCs to migrate from the soil to underlying groundwater at the Site. For soil ≤5 ft bgs within the properties, two hundred and two (202) properties exceed the soil-leaching-to-groundwater SSCGs. TPHd, TPH-g, TPH-mo, naphthalene, and benzene are the COCs with the most frequent exceedance in this depth interval. For soil >5 to ≤10 ft bgs, one hundred and seventy-four (174) properties exceed the soil-leaching-to-groundwater SSCGs. TPHd, TPH-g, TPH-mo, naphthalene, and benzene, are the COCs with the most frequent exceedance in this depth interval. The property-specific results are presented in **Table 14** and are presented in **Figures 4 and 5** for the different depth intervals evaluated.

A total of ten properties were identified as having metals present above background due to the presence of arsenic, antimony, or thallium. These properties have been identified for consideration in the RAP for soils from ≦5 ft bgs. A review of the data with respect to depth interval was conducted to evaluate whether the presence of these metals concentrations above background would be addressed through shallow excavation or remain at depths from >5 to 10 ft bgs and pose a potential for leaching to groundwater.

Antimony was present above background levels at one property, but detections above background concentrations are present in surface shallow soil and can be addressed by excavation.

Arsenic was present above background levels at five properties and thallium was present above background levels at four properties. The detections of arsenic and thalium above background at depths >5 to 10 feet bgs are localized and do not represent a significant mass for leaching to groundwater. Leaching of arsenic and thallium to groundwater is not expected to be above what would occur for background soils. However, groundwater will be monitored to assess whether an increase in arsenic or thallium concentrations due to the leaching pathway is occurring.

For soil data collected in the streets from ≤10 ft bgs, the maximum and 95UCL EPCs were compared to the soil-leaching-to-groundwater SSCGs (**Table 18**). The maximum EPC was also used because of the large area over which the street data was averaged using the 95UCL approach. Using the 95UCL EPCs, four COC concentrations exceeded the SSCGs for leaching to groundwater (benzene, TPH-g, TPG-d and TPH-mo). Using the maximum detected EPC, 11 COC concentrations exceeded their respective soil leaching to groundwater SSCGs (1,2,3-trichloropropane, antimony, arsenic, benzene, cis-1,2-dichloroethene, naphthalene, PCE, thallium, TPHg, TPGd and TPHmo).

### 6.3.4 Potential Human Health Exposures and Soil Leaching to Groundwater

The results of the Revised HHRA are presented graphically on Figures 4, 5, 6 and 7. Property addresses that exceeded the lower bound of the risk management range for ILCR and a noncancer hazard index of 1 for soil and sub-slab soil vapor, respectively are identified. In addition, soil leaching to groundwater and metals present above background are considered. For sub-slab soil vapor, concentrations of methane were also considered. These properties along with impacts in the Streets are identified as not meeting the RAOs established for the Site and are considered further in the Revised FS and Revised RAP.

The number of properties that have been identified for consideration in the Revised FS and Revised RAP are summarized in the table below:

| Media | Depth | Number of Properties for Consideration |
|---|---|---|
| Soil | ≤5 ft bgs | 202 |
| Soil | >5 to ≤10 ft bgs | 174 |
| Soil | ≤5 ft bgs and >5 to ≤10 ft bgs combined | 224 |
| Soil Vapor | Sub-Slab | 28 |

## 7.0 UNCERTAINTIES

The results of a risk assessment are estimates only and include some uncertainty. Where possible, conservative (health-protective) assumptions were used as inputs into the Revised HHRA, which is consistent with agency guidance. Key uncertainties associated with this Revised HHRA include:

- To identify COCs for each media, the maximum concentration for that media was compared to one-tenth of its respective RBSL. One-tenth of the RBSL was used as a conservative approach to screen chemicals for further analysis and to address potential cumulative health effects. If the maximum concentration was greater than one-tenth of the RBSL, the chemical was selected as a COC for the Site. An additional screening criterion for soil was if the chemical was detected in five or less samples it was excluded from the SSCG derivation. Due to the large number of soil samples collected (over 10,000), this equates to less than or equal to 0.05 percent of soil samples. This screening step does not significantly affect the results of the cumulative risk calculations due to the conservative nature of the COC screen (only screening out chemicals that contribute insignificantly to risk) and the limited number of COCs identified for the Site that contribute the majority to the ILCR and noncancer HI estimates.
- The potential for concentrations to attenuate over time was not considered in this Revised HHRA. For example, the model upon which volatilization is estimated assumes that the source of COCs is infinite (i.e., not depleting) and fixed in place (i.e., steady-state conditions are present) even though the concentrations would likely deplete over time. This depletion would be accelerated by biodegradation or other processes, which were not considered in this Revised HHRA. Therefore, the risks and hazards estimated in this Revised HHRA are likely to be lower than predicted, especially because biodegradation or other natural attenuation processes are occurring.
- There are uncertainties associated with the soil physical parameters (e.g., porosity and moisture content) that were used in the fate and transport models. The soil lithology can vary across the area of evaluation both vertically and horizontally. This may lead to variation in flux from different areas, which results in uncertainty in the estimation of potential risks and hazards. However, there have been numerous soil borings installed at the Site adequately characterizing the general lithology and reducing the uncertainty in the soil type selected for the fate and transport modeling.

- Sub-slab and soil vapor were used to evaluate the vapor intrusion pathway. The vapor intrusion evaluation presented in the SSCG report indicated that concentrations observed in indoor air are not attributable to sub-slab vapor concentrations. In response to RWQCB comments on the SSCG Report (Geosyntec, 2013a), additional analysis was conducted to investigate the relationship between indoor air and sub-slab soil vapor concentrations. This evaluation was updated for this Revised HHRA based on recent RWQCB comments. Based on the analysis, an upper-bound vapor intrusion attenuation factor of 0.002 was identified. As described in Appendix D, indoor air results where background effects have smaller contributions to indoor air quality indicate that the sub-slab vapor intrusion attenuation factor is lower than the value used in the Revised HHRA, which will result in an over-estimation of indoor air concentrations.
- Uncertainty in the toxicity assessment arises for those chemicals which rely on animal studies as the basis for determining the appropriate toxicity value for effects on humans. Toxicity values typically assume that adverse effects observed in animal toxicity experiments would also be observed in humans. In addition, a margin of safety is added in the derivation of toxicity values used in health risk assessments which results in a conservative and likely over-estimation of potential health risks. Likewise, the use of route-to-route extrapolation for those COCs for which inhalation toxicity criteria (RfCs or RELs) are not available could be considered a conservative approach and thus result in an over-estimation of potential health risk or hazard for that compound. The use of surrogate chemicals to represent the COCs that appear to be structurally similar could result in an over- or under-estimation of potential health risk or hazard for that compound. For this Site, there were only a few COCs in which surrogate information was used – and these COCs did not contribute significantly to the risk or hazard estimates. Therefore, this uncertainty is thought to have a small effect on the Revised HHRA results.
- Assumed exposure durations used in this Revised HHRA represent upper-bound estimates of the total amount of time that an individual may be either indoors or outdoors for the full duration of the exposure period. In other words, the Revised HHRA assumptions entail the receptor staying outdoor or indoors the entire duration of the exposure period. As a result, the estimated incremental cancer risks and noncancer hazards are over-estimated. This also relates to the estimated cumulative cancer risks and noncancer hazards summed across media as exposures to soil outdoors and indoor air are assumed to occur at the same time.

- The PEF used for a construction worker is based on 1/10$^{th}$ of the Permissible Exposure Limit of 10 mg/m$^3$, which is considered a conservative estimate of dust that may be generated. It is anticipated that engineering controls will be in place, such as the use of water to suppress dust, which will limit this type of exposure.
- The Revised HHRA assumed that the soil is exposed to the surface. The majority of the Site is currently covered by landscaping and hardscape, thus limiting direct contact and fugitive dust exposures. As a result, risk and hazard estimates presented in this Revised HHRA are likely higher than if actual Site characteristics are considered, such as hardscape that would limit exposure.

In summary, because a risk assessment contains multiple sources of uncertainty, simplifying assumptions are often made so that potential health risks and hazards can be estimated quantitatively. Since the exact amount of uncertainty cannot be quantified, the risk assessment is intended to over-estimate rather than under-estimate probable cancer risk or noncancer hazard. Results of this Revised HHRA, therefore, are likely to be protective of health despite the inherent uncertainties in the process.

## 8.0 SUMMARY

Geosyntec conducted this Revised HHRA to estimate potential human health risks associated with COCs detected in soil, sub-slab soil vapor, and soil vapor at the Site. In addition, the potential for COCs in soil to migrate to groundwater was evaluated. The findings of this Revised HHRA are used as a basis for remedy evaluation in the Revised FS, and remedial action planning as presented in the Revised RAP.

The methodology used in this Revised HHRA is consistent with current USEPA, Regional Board, and Cal-EPA DTSC guidance (USEPA, 1989; 1991a; 2002ab; 2009; 2013ab; RWQCB, 1996; Cal-EPA, 2011ab; 2013a) and incorporates the methodology presented in the Revised SSCG Report (Geosyntec, 2013a) with modifications based on comments received from the Regional Board in January 2014, April 2014 and May 2014.

This Revised HHRA addresses potential onsite exposures to current residents and construction and utility maintenance workers. Potential exposures to COCs detected in surface and shallow soils have been evaluated for the direct contact pathways, as well as inhalation of volatile COCs in outdoor air and nonvolatile COCs in fugitive dust. Additionally, the potential for volatile COCs to migrate from the subsurface (using sub-slab and soil vapor data) into residential structures present above ground was evaluated. This is a conservative analaysis given that based upon the multiple lines of evidence evaluations presented in the Follow-up Indoor Air Reports and Final Interim Reports, Geosyntec and URS have concluded that constituents detected in indoor air are reflective of background sources. Notwithstanding the fact that regulatory guidance does not require remediation of COCs present at or below background levels, the RWQCB directed Shell to evaluate theoretical exposures due to the vapor intrusion pathway using the detected concentrations of COCs in sub-slab soil vapor. In addition the RWQCB directed Shell to evaluate deeper soil vapor data for the vapor intrusion pathway. The Revised HHRA includes this vapor intrusion evaluation and theoretical exposures were calculated using conservative assumptions. Potential exposures to COCs in soil vapor were also evaluated for inhalation of vapors in outdoor air.

Incremental Lifetime Cancer Risk (ILCR) estimates were compared to the risk range between $10^{-6}$ and $10^{-4}$ commonly called the "discretionary risk range." This risk range is in addition to the background risk of Americans in the general population developing cancer from causes unrelated to a Site-specific exposure. The background risk is one chance in three (0.3 or $3\times10^{-1}$) for an American female, and one chance in two (0.5 or $5\times10^{-1}$) for an American male of eventually developing cancer (ACS, 2013). For potential residential exposures, results were compared to the lower bound of the risk-

range ($10^{-6}$). For potential worker exposures, results were compared to the mid-point of the risk range ($10^{-5}$). Noncancer Hazard Indices (HIs) were compared to the threshold value of 1.

**Soil**

For soils ≤2 ft bgs, a total of 87 properties were identified as having an exceedance of the lower bound of the risk range of $1\times10^{-6}$ or an HI of 1 assuming potential residential exposure. Seventeen properties had an exceedance of the ILCR of $1\times10^{-6}$. The ILCR estimates ranged from $2\times10^{-6}$ to $2\times10^{-5}$, well within the risk management range of $10^{-6}$ to $10^{-4}$. The primary COCs that contributed to the ILCR estimates were benzene, benzo(a)pyrene, ethylbenzene, 1-methylnaphthalene, naphthalene, and PCE (one property). Eighty-seven properties were identified as having an exceedance of an HI of 1, ranging from 2 to 10, with two properties having values of 20 and 30. The primary COCs that contributed to the HI estimates were TPH-d and TPH-mo.

For soils ≤5 ft bgs, 172 properties were identified as having an exceedance of the lower bound of the risk range of $1\times10^{-6}$ or a hazard index of 1. The ILCR estimates ranged from $2\times10^{-6}$ to $3\times10^{-5}$, well within the risk management range of $10^{-6}$ to $10^{-4}$. The primary COCs that contributed to the ILCR estimates were benzene, cPAHs, ethylbenzene, 1-methylnaphthalene, naphthalene, PCE (one property) and vinyl chloride (one property). One hundred and sixty-four (164) properties were identified as having an exceedance of an HI of 1, ranging from 2 to 10, with seven properties having a value of 20 and one property having a value of 40. The primary COCs that contributed to the HI estimates were TPH-d and TPH-mo, with TPH-d being the primary COC for 58 properties.

For subsurface soils (>5 to ≤10 ft bgs), no properties were identified as having an exceedance of the lower bound of the risk range of $1\times10^{-6}$ or an HI of 1 for the infrequent contact residential exposure scenario.

In addition to the evaluation of incremental cancer risk and noncancer hazard, a property-specific background analysis was conducted for the Site COCs to determine if metals or cPAHs were present in soils above background levels. Metals and cPAHs considered above background were included in the estimates of risk and hazard summarized above with the exception of arsenic. Six properties were identified as being above background for arsenic and should be considered further during remedial planning.

Nine properties were identified as having an exceedance of the target risk of $1\times10^{-5}$ or an HI of 1 for potential construction and utility maintenance worker exposures. The ILCR estimates ranged from $2\times10^{-5}$ to $3\times10^{-5}$, well within the risk management range of $10^{-6}$ to $10^{-4}$. The primary COC that contributed to the ILCR estimates was benzene. One hundred and thirty eight (138) properties were identified as having an exceedance of an HI of 1, ranging from 2 to 10. Forty-one of those properties have a value of 2, marginally above the threshold of 1. The primary COCs that contributed to the HI estimates were TPHd and TPHg, with TPHd the primary contributor at 116 properties.

For data collected in the Streets the ILCR was $2\times10^{-5}$ with no individual COC having a risk greater than $1\times10^{-5}$. The noncancer HI estimate was 6 with TPH-d as the primary contributors to the HI estimate.

**Sub-Slab and Soil Vapor**

For sub-slab soil vapor, 49 properties were identified as having an exceedance of the lower bound of the risk range of $1\times10^{-6}$ or a hazard index of 1. However, the calculated cancer risk was greater than $1\times10^{-6}$ at 22 of these properties due to the contribution of trihalomethane compounds (THMs). THMs in soil vapor are a result of off-gassing from municipal water that has been treated with chlorine for disinfection.

Excluding the THMs, 27 properties were identified as having an exceedance of the lower bound of the risk range of $1\times10^{-6}$ or a hazard index of 1. The ILCR estimates for 25 properties ranged from $2\times10^{-6}$ to $3\times10^{-5}$, well within the risk management range of $10^{-6}$ to $10^{-4}$. Two ILCR estimates were at $1\times10^{-4}$ and $2\times10^{-3}$, at and above the upper-bound of the risk management range of $1\times10^{-4}$; the highest ILCR was observed where sub-slab mitigation is in place beneath the garage. The second highest value was from a single detection of benzene in an early round of sampling; all subsequent rounds of sampling were nondetect.

For deeper soil vapor, based on the maximum detected concentration on properties Site-wide, the ILCR was $1\times10^{-6}$ and the noncancer HI was 0.01. For soil vapor from the streets, the ILCR estimate was $4\times10^{-3}$ and the noncancer HI was 30 including THMs and 20 excluding THMs, above the risk management range of $10^{-6}$ to $10^{-4}$ and target HI of 1, respectively.

No property had an ILCR greater than $1\times10^{-5}$ or a noncancer HI greater than 1 for potential construction and utility maintenance worker exposures. For data collected in the streets the ILCR was $3\times10^{-6}$ and the noncancer HI estimate was 0.04.

In response to comments received from the Expert Panel, cumulative cancer risk and noncancer hazard results were summed across all media, specifically soil less than or equal to 5 ft bgs along with sub-slab soil vapor, for an on-site resident. The results indicate that the only one property had cumulative risk greater than $1\times10^{-6}$ (a value of $2\times10^{-6}$) when the media risks separately were less than $1\times10^{-6}$. However this property is already identified for consideration in the Revised FS and Revised RAP due to an exceedance of the SSCG for leaching to groundwater and therefore potential cumulative risks will be addressed as a part of the remedial action for soils.

**Potential Soil Leaching to Groundwater**

For soil ≤5 ft bgs within the properties, two hundred and two (202) properties exceed the soil-leaching-to-groundwater SSCGs. TPHd, TPH-g, TPH-mo, naphthalene, and benzene are the COCs with the most frequent exceedance in this depth interval. For soil >5 to ≤10 ft bgs, one hundred and seventy-four (174) properties exceed the soil-leaching-to-groundwater SSCGs. TPHd, naphthalene, benzene, TPHg, and TPHmo are the COCs with the most frequent exceedance in this depth interval. For soil data collected in the streets from ≤10 ft bgs, eleven COC concentrations exceeded their respective soil leaching to groundwater SSCGs (1,2,3-trichloropropane, antimony, arsenic, benzene, cis-1,2-dichloroethene, naphthalene, PCE, thallium, TPHg, TPGd and TPHmo).

**Potential Human Health Exposures and Soil Leaching to Groundwater**

The results of the Revised HHRA are presented graphically on Figures 4, 5, 6 and 7. Property addresses that exceeded the lower bound of the risk management range for ILCR and a noncancer hazard index of 1 for soil and sub-slab soil vapor, respectively are identified. In addition, soil leaching to groundwater and metals present above background are considered. For sub-slab soil vapor, concentrations of methane were also considered. These properties along with impacts in the Streets are identified as not meeting the RAOs established for the Site and are considered further in the Revised FS and Revised RAP.

The number of properties that have been identified for consideration in the Revised FS and Revised RAP are summarized in the table below:

| Media | Depth | Number of Properties for Consideration |
|---|---|---|
| Soil | ≤5 ft bgs | 202 |
| Soil | >5 to ≤10 ft bgs | 174 |
| Soil | ≤5 ft bgs and >5 to ≤10 ft bgs combined | 224 |
| Soil Vapor | Sub-slab | 28 |

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# TABLES

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 2 ft bgs | | | | | | | ≤ 5 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 4799 | 0 | 0 | 0.17 | 290 | -- | -- | 7796 | 0 | 0 | 0.17 | 1500 | -- | -- |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 4799 | 0 | 0 | 0.17 | 220 | -- | -- | 7796 | 1 | 0.01 | 0.16 | 1100 | 0.86 | 0.86 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 4799 | 8 | 0.20 | 0.08 | 200 | 0.1 | 0.48 | 7796 | 26 | 0.30 | 0.08 | 1000 | 0.1 | 420 |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 4799 | 0 | 0 | 0.16 | 210 | -- | -- | 7796 | 4 | 0.10 | 0.16 | 1100 | 0.23 | 14 |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 4799 | 1 | 0.02 | 0.1 | 140 | 0.26 | 0.26 | 7796 | 1 | 0.01 | 0.1 | 700 | 0.26 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | 4799 | 1 | 0.02 | 0.091 | 120 | 0.18 | 0.18 | 7796 | 1 | 0.01 | 0.091 | 620 | 0.18 | 0.18 |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 4799 | 0 | 0 | 0.14 | 190 | -- | -- | 7796 | 0 | 0 | 0.14 | 980 | -- | -- |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 4799 | 7 | 0.10 | 0.13 | 180 | 0.18 | 53 | 7796 | 17 | 0.20 | 0.13 | 900 | 0.18 | 69 |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 4799 | 8 | 0.20 | 0.2 | 570 | 0.55 | 1.3 | 7796 | 13 | 0.20 | 0.2 | 2900 | 0.48 | 130 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 4799 | 3 | 0.10 | 0.12 | 160 | 0.17 | 17 | 7799 | 7 | 0.10 | 0.12 | 81000 | 0.17 | 33 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 4799 | 1063 | 22 | 0.077 | 64 | 0.089 | 48000 | 7796 | 2215 | 28 | 0.077 | 99 | 0.089 | 60000 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ug/kg | 4799 | 0 | 0 | 0.5 | 3200 | -- | -- | 7796 | 1 | 0.01 | 0.5 | 16000 | 9.6 | 9.6 |
| 106-93-4 | 1,2-Dibromoethane (EDB) | ug/kg | 4799 | 2 | 0.04 | 0.19 | 180 | 0.51 | 950 | 7796 | 2 | 0.03 | 0.19 | 2000 | 0.51 | 950 |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 4799 | 8 | 0.20 | 0.084 | 110 | 0.11 | 1.9 | 7799 | 15 | 0.20 | 0.084 | 41000 | 0.11 | 330 |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 4799 | 5 | 0.10 | 0.11 | 150 | 0.2 | 3.7 | 7796 | 5 | 0.10 | 0.11 | 750 | 0.2 | 3.7 |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 4799 | 2 | 0.04 | 0.17 | 230 | 0.31 | 0.65 | 7796 | 4 | 0.10 | 0.17 | 1200 | 0.31 | 100 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 4799 | 146 | 3.0 | 0.065 | 60 | 0.083 | 12000 | 7796 | 806 | 10 | 0.065 | 440 | 0.079 | 25000 |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 4799 | 1 | 0.02 | 0.11 | 140 | 0.21 | 0.21 | 7799 | 4 | 0.10 | 0.11 | 41000 | 0.21 | 30 |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 4799 | 0 | 0 | 0.12 | 150 | -- | -- | 7796 | 1 | 0.01 | 0.12 | 780 | 0.19 | 0.19 |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 4799 | 65 | 1.4 | 0.1 | 130 | 0.14 | 200 | 7799 | 76 | 1.00 | 0.1 | 61000 | 0.13 | 200 |
| 90-12-0 | 1-Methylnaphthalene | mg/kg | 4795 | 1397 | 29 | 0.001 | 48 | 0.001 | 45 | 7794 | 3001 | 39 | 0.00099 | 48 | 0.001 | 160 |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 4799 | 0 | 0 | 0.24 | 400 | -- | -- | 7796 | 0 | 0 | 0.24 | 2000 | -- | -- |
| 95-95-4 | 2,4,5-Trichlorophenol | mg/kg | 4795 | 0 | 0 | 0.013 | 76 | -- | -- | 7794 | 0 | 0 | 0.0121 | 150 | -- | -- |
| 88-06-2 | 2,4,6-Trichlorophenol | mg/kg | 4795 | 0 | 0 | 0.013 | 79 | -- | -- | 7794 | 1 | 0.01 | 0.0121 | 160 | 0.14 | 0.14 |
| 120-83-2 | 2,4-Dichlorophenol | mg/kg | 4795 | 1 | 0.02 | 0.013 | 69 | 0.43 | 0.43 | 7794 | 1 | 0.01 | 0.0121 | 140 | 0.43 | 0.43 |
| 105-67-9 | 2,4-Dimethylphenol | mg/kg | 4795 | 0 | 0 | 0.013 | 60 | -- | -- | 7794 | 0 | 0 | 0.0121 | 120 | -- | -- |
| 51-28-5 | 2,4-Dinitrophenol | mg/kg | 4795 | 0 | 0 | 0.045 | 360 | -- | -- | 7794 | 0 | 0 | 0.045 | 720 | -- | -- |
| 121-14-2 | 2,4-Dinitrotoluene | mg/kg | 4795 | 5 | 0.10 | 0.013 | 76 | 0.061 | 1.6 | 7794 | 7 | 0.10 | 0.0121 | 150 | 0.061 | 1.6 |
| 606-20-2 | 2,6-Dinitrotoluene | mg/kg | 4795 | 0 | 0 | 0.008 | 83 | -- | -- | 7794 | 3 | 0.04 | 0.008 | 170 | 0.058 | 9.2 |
| 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | ug/kg | 4799 | 569 | 12 | 1.5 | 8300 | 2.7 | 2700 | 7796 | 775 | 9.9 | 1.5 | 42000 | 2.5 | 2700 |

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 2 ft bgs | | | | | | | ≤ 5 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 91-58-7 | 2-Chloronaphthalene | mg/kg | 4795 | 2 | 0.04 | 0.0083 | 49 | 0.16 | 0.56 | 7794 | 2 | 0.03 | 0.0083 | 97 | 0.16 | 0.56 |
| 95-57-8 | 2-Chlorophenol | mg/kg | 4795 | 0 | 0 | 0.013 | 68 | -- | -- | 7794 | 0 | 0 | 0.0121 | 140 | -- | -- |
| 95-49-8 | 2-Chlorotoluene | ug/kg | 4799 | 4 | 0.10 | 0.076 | 48 | 0.15 | 180 | 7796 | 5 | 0.10 | 0.076 | 520 | 0.15 | 180 |
| 591-78-6 | 2-Hexanone | ug/kg | 4799 | 8 | 0.20 | 0.8 | 4900 | 2.3 | 31 | 7796 | 9 | 0.10 | 0.8 | 25000 | 2.3 | 31 |
| 91-57-6 | 2-Methylnaphthalene | mg/kg | 4795 | 3576 | 75 | 0.0006 | 47 | 0.0006 | 72 | 7794 | 5744 | 74 | 0.0006 | 47 | 0.0006 | 260 |
| 95-48-7 | 2-Methylphenol | mg/kg | 4795 | 0 | 0 | 0.013 | 70 | -- | -- | 7794 | 0 | 0 | 0.0121 | 140 | -- | -- |
| 88-74-4 | 2-Nitroaniline | mg/kg | 4795 | 0 | 0 | 0.046 | 82 | -- | -- | 7794 | 0 | 0 | 0.046 | 160 | -- | -- |
| 88-75-5 | 2-Nitrophenol | mg/kg | 4795 | 0 | 0 | 0.013 | 64 | -- | -- | 7794 | 0 | 0 | 0.0121 | 130 | -- | -- |
| 91-94-1 | 3,3'-Dichlorobenzidine | mg/kg | 4795 | 0 | 0 | 0.0093 | 540 | -- | -- | 7794 | 0 | 0 | 0.0093 | 1100 | -- | -- |
| 106-44-5 | 3/4-Methylphenol | mg/kg | 4795 | 1 | 0.02 | 0.0547 | 68 | 0.073 | 0.073 | 7794 | 1 | 0.01 | 0.0121 | 140 | 0.073 | 0.073 |
| 99-09-2 | 3-Nitroaniline | mg/kg | 4795 | 0 | 0 | 0.01 | 79 | -- | -- | 7794 | 0 | 0 | 0.01 | 160 | -- | -- |
| 534-52-1 | 4,6-Dinitro-2-Methylphenol | mg/kg | 4795 | 0 | 0 | 0.05 | 790 | -- | -- | 7794 | 0 | 0 | 0.0483 | 1600 | -- | -- |
| 101-55-3 | 4-Bromophenyl-Phenyl Ether | mg/kg | 4795 | 0 | 0 | 0.0067 | 50 | -- | -- | 7794 | 0 | 0 | 0.0067 | 100 | -- | -- |
| 59-50-7 | 4-Chloro-3-Methylphenol | mg/kg | 4795 | 0 | 0 | 0.013 | 76 | -- | -- | 7794 | 0 | 0 | 0.0121 | 150 | -- | -- |
| 106-47-8 | 4-Chloroaniline | mg/kg | 4795 | 0 | 0 | 0.013 | 62 | -- | -- | 7794 | 0 | 0 | 0.0121 | 120 | -- | -- |
| 7005-72-3 | 4-Chlorophenyl-Phenyl Ether | mg/kg | 4795 | 0 | 0 | 0.0057 | 52 | -- | -- | 7794 | 0 | 0 | 0.0057 | 100 | -- | -- |
| 106-43-4 | 4-Chlorotoluene | ug/kg | 4799 | 0 | 0 | 0.068 | 91 | -- | -- | 7796 | 0 | 0 | 0.068 | 460 | -- | -- |
| 108-10-1 | 4-Methyl-2-Pentanone | ug/kg | 4799 | 21 | 0.40 | 0.8 | 1800 | 1.8 | 15 | 7796 | 23 | 0.30 | 0.8 | 9000 | 1.4 | 15 |
| MEPH4 | 4-Methylphenol (p-Cresol) | mg/kg | 315 | 5 | 1.6 | 0.079 | 24 | 0.14 | 0.22 | 489 | 7 | 1.4 | 0.079 | 47 | 0.14 | 0.22 |
| 100-01-6 | 4-Nitroaniline | mg/kg | 4795 | 0 | 0 | 0.05 | 70 | -- | -- | 7794 | 0 | 0 | 0.0483 | 140 | -- | -- |
| 100-02-7 | 4-Nitrophenol | mg/kg | 4795 | 0 | 0 | 0.0067 | 79 | -- | -- | 7794 | 0 | 0 | 0.0067 | 160 | -- | -- |
| 83-32-9 | Acenaphthene | mg/kg | 4795 | 536 | 11 | 0.0009 | 49 | 0.00099 | 7.1 | 7794 | 1996 | 26 | 0.0009 | 49 | 0.00099 | 17 |
| 208-96-8 | Acenaphthylene | mg/kg | 4795 | 1029 | 22 | 0.0006 | 64 | 0.0006 | 1 | 7794 | 1516 | 20 | 0.0006 | 64 | 0.0006 | 4.5 |
| 67-64-1 | Acetone | ug/kg | 4799 | 4482 | 93 | 4.7 | 5600 | 5 | 860 | 7796 | 6578 | 84 | 4.6 | 28000 | 5 | 1400 |
| C19C32ALIPH | Aliphatics (C19 - C32) | mg/kg | 917 | 808 | 88 | 5 | 10 | 5 | 7200 | 1483 | 1246 | 84 | 5 | 10 | 5 | 32000 |
| C5C8ALIPH | Aliphatics (C5 - C8) | mg/kg | 917 | 373 | 41 | 0.0091 | 0.5 | 0.0091 | 1100 | 1482 | 748 | 51 | 0.0091 | 0.5 | 0.0091 | 5800 |
| C9C18ALIPH | Aliphatics (C9 - C18) | mg/kg | 917 | 356 | 39 | 5 | 10 | 5 | 3000 | 1482 | 652 | 44 | 5 | 10 | 5 | 6300 |
| 62-53-3 | Aniline | mg/kg | 4795 | 2 | 0.04 | 0.056 | 56 | 0.97 | 1.6 | 7794 | 4 | 0.10 | 0.056 | 110 | 0.088 | 2.6 |
| 120-12-7 | Anthracene | mg/kg | 4795 | 1673 | 35 | 0.0004 | 57 | 0.00053 | 26 | 7794 | 3025 | 39 | 0.0004 | 57 | 0.00053 | 26 |
| 7440-36-0 | Antimony | mg/kg | 4764 | 920 | 19 | 0.142 | 0.306 | 0.151 | 4.92 | 7743 | 1454 | 19 | 0.142 | 0.306 | 0.151 | 6.45 |

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 2 ft bgs | | | | | | | ≤ 5 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 12674-11-2 | AROCLOR 1016 | ug/kg | 13 | 0 | 0 | 10 | 10 | -- | -- | 29 | 0 | 0 | 10 | 14 | -- | -- |
| 11104-28-2 | AROCLOR 1221 | ug/kg | 13 | 0 | 0 | 10 | 10 | -- | -- | 29 | 0 | 0 | 10 | 13 | -- | -- |
| 11141-16-5 | AROCLOR 1232 | ug/kg | 13 | 0 | 0 | 10 | 10 | -- | -- | 29 | 0 | 0 | 10 | 11 | -- | -- |
| 53469-21-9 | AROCLOR 1242 | ug/kg | 13 | 0 | 0 | 10 | 10 | -- | -- | 29 | 0 | 0 | 10 | 12 | -- | -- |
| 12672-29-6 | AROCLOR 1248 | ug/kg | 13 | 0 | 0 | 10 | 10 | -- | -- | 29 | 0 | 0 | 10 | 14 | -- | -- |
| 11097-69-1 | AROCLOR 1254 | ug/kg | 13 | 0 | 0 | 10 | 10 | -- | -- | 29 | 0 | 0 | 10 | 12 | -- | -- |
| 11096-82-5 | AROCLOR 1260 | ug/kg | 13 | 0 | 0 | 11 | 11 | -- | -- | 29 | 0 | 0 | 11 | 11 | -- | -- |
| 37324-23-5 | AROCLOR 1262 | ug/kg | 13 | 0 | 0 | 10 | 10 | -- | -- | 29 | 0 | 0 | 10 | 12 | -- | -- |
| C17C32AROM | Aromatics (C17 - C32) | mg/kg | 917 | 765 | 83 | 5 | 10 | 5 | 6000 | 1483 | 1174 | 79 | 5 | 10 | 5 | 36000 |
| C6C8AROM | Aromatics (C6 - C8) | mg/kg | 917 | 70 | 7.6 | 0.0002 | 0.02 | 0.0002 | 60 | 1483 | 267 | 18 | 0.0002 | 0.02 | 0.0002 | 310 |
| C9C16AROM | Aromatics (C9 - C16) | mg/kg | 917 | 400 | 44 | 5 | 10 | 5 | 6800 | 1483 | 724 | 49 | 5 | 10 | 5 | 41000 |
| 7440-38-2 | Arsenic | mg/kg | 4764 | 4745 | 100 | 0.259 | 0.398 | 0.398 | 20 | 7743 | 7713 | 100 | 0.259 | 0.398 | 0.398 | 50.9 |
| 103-33-3 | Azobenzene | mg/kg | 4795 | 0 | 0 | 0.1 | 54 | -- | -- | 7794 | 0 | 0 | 0.1 | 110 | -- | -- |
| 7440-39-3 | Barium | mg/kg | 4764 | 4764 | 100 | -- | -- | 10.9 | 457 | 7743 | 7743 | 100 | -- | -- | 10.9 | 1020 |
| 71-43-2 | Benzene | ug/kg | 4799 | 2785 | 58 | 0.095 | 55 | 0.1 | 13000 | 7796 | 4157 | 53 | 0.095 | 600 | 0.1 | 24000 |
| 92-87-5 | Benzidine | mg/kg | 4795 | 0 | 0 | 0.071 | 460 | -- | -- | 7794 | 0 | 0 | 0.071 | 930 | -- | -- |
| 56-55-3 | Benzo (a) Anthracene | mg/kg | 4795 | 3974 | 83 | 0.00065 | 95 | 0.0007 | 19 | 7794 | 6061 | 78 | 0.00065 | 95 | 0.0007 | 47 |
| 50-32-8 | Benzo (a) Pyrene | mg/kg | 4795 | 3986 | 83 | 0.00049 | 43 | 0.0005 | 9 | 7794 | 5954 | 76 | 0.00049 | 43 | 0.0005 | 22 |
| 205-99-2 | Benzo (b) Fluoranthene | mg/kg | 4795 | 3458 | 72 | 0.00035 | 42 | 0.0005 | 5.2 | 7794 | 5036 | 65 | 0.00035 | 42 | 0.0005 | 16 |
| 191-24-2 | Benzo (g,h,i) Perylene | mg/kg | 4795 | 4017 | 84 | 0.00047 | 45 | 0.00057 | 5.7 | 7794 | 5757 | 74 | 0.00047 | 45 | 0.00052 | 13 |
| 207-08-9 | Benzo (k) Fluoranthene | mg/kg | 4795 | 1405 | 29 | 0.0007 | 55 | 0.00073 | 2.3 | 7794 | 1964 | 25 | 0.00069 | 55 | 0.00073 | 4.6 |
| 65-85-0 | Benzoic Acid | mg/kg | 4795 | 6 | 0.10 | 0.064 | 390 | 0.29 | 1.5 | 7794 | 7 | 0.10 | 0.064 | 780 | 0.12 | 1.5 |
| 100-51-6 | Benzyl Alcohol | mg/kg | 4795 | 1 | 0.02 | 0.054 | 77 | 1.8 | 1.8 | 7794 | 1 | 0.01 | 0.054 | 150 | 1.8 | 1.8 |
| 7440-41-7 | Beryllium | mg/kg | 4764 | 4757 | 100 | 0.0894 | 0.0894 | 0.102 | 1.17 | 7743 | 7734 | 100 | 0.0894 | 0.137 | 0.0906 | 1.19 |
| 111-91-1 | Bis(2-Chloroethoxy) Methane | mg/kg | 4795 | 0 | 0 | 0.012 | 62 | -- | -- | 7794 | 0 | 0 | 0.012 | 120 | -- | -- |
| 111-44-4 | Bis(2-Chloroethyl) Ether | mg/kg | 4795 | 0 | 0 | 0.013 | 57 | -- | -- | 7794 | 0 | 0 | 0.0121 | 110 | -- | -- |
| 108-60-1 | Bis(2-Chloroisopropyl) Ether | mg/kg | 4795 | 0 | 0 | 0.013 | 60 | -- | -- | 7794 | 0 | 0 | 0.0121 | 120 | -- | -- |
| 117-81-7 | Bis(2-Ethylhexyl) Phthalate | mg/kg | 4795 | 243 | 5.1 | 0.039 | 48 | 0.11 | 9.9 | 7794 | 294 | 3.8 | 0.039 | 96 | 0.083 | 22 |
| 108-86-1 | Bromobenzene | ug/kg | 4799 | 1 | 0.02 | 0.14 | 180 | 0.41 | 0.41 | 7796 | 2 | 0.03 | 0.14 | 930 | 0.41 | 0.42 |
| 74-97-5 | Bromochloromethane | ug/kg | 4799 | 0 | 0 | 0.51 | 1200 | -- | -- | 7796 | 0 | 0 | 0.5 | 6100 | -- | -- |

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 2 ft bgs | | | | | | | ≤ 5 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 75-27-4 | Bromodichloromethane | ug/kg | 4799 | 24 | 0.50 | 0.08 | 60 | 0.12 | 660 | 7796 | 25 | 0.30 | 0.08 | 650 | 0.12 | 660 |
| 75-25-2 | Bromoform | ug/kg | 4799 | 6 | 0.10 | 0.3 | 580 | 0.65 | 2.9 | 7796 | 7 | 0.10 | 0.3 | 2900 | 0.65 | 140 |
| 74-83-9 | Bromomethane | ug/kg | 4799 | 119 | 2.5 | 0.5 | 1600 | 0.71 | 850 | 7796 | 202 | 2.6 | 0.5 | 8200 | 0.69 | 900 |
| 85-68-7 | Butyl Benzyl Phthalate | mg/kg | 4795 | 73 | 1.5 | 0.013 | 50 | 0.12 | 1 | 7794 | 91 | 1.2 | 0.0121 | 100 | 0.023 | 1 |
| 7440-43-9 | Cadmium | mg/kg | 4764 | 1669 | 35 | 0.0064 | 0.143 | 0.0072 | 9.02 | 7743 | 2281 | 30 | 0.0064 | 0.143 | 0.007 | 9.02 |
| 75-15-0 | Carbon Disulfide | ug/kg | 4799 | 2675 | 56 | 0.13 | 150 | 0.13 | 52 | 7796 | 4329 | 56 | 0.13 | 780 | 0.13 | 110 |
| 56-23-5 | Carbon Tetrachloride | ug/kg | 4799 | 1 | 0.02 | 0.21 | 280 | 0.3 | 0.3 | 7796 | 1 | 0.01 | 0.21 | 1400 | 0.3 | 0.3 |
| 108-90-7 | Chlorobenzene | ug/kg | 4799 | 90 | 1.9 | 0.098 | 62 | 0.12 | 150 | 7796 | 121 | 1.6 | 0.098 | 660 | 0.12 | 150 |
| 75-00-3 | Chloroethane | ug/kg | 4799 | 7 | 0.10 | 0.27 | 360 | 0.39 | 1.8 | 7796 | 10 | 0.10 | 0.27 | 1800 | 0.39 | 1.8 |
| 67-66-3 | Chloroform | ug/kg | 4799 | 493 | 10 | 0.11 | 150 | 0.14 | 110 | 7796 | 666 | 8.5 | 0.11 | 760 | 0.14 | 110 |
| 74-87-3 | Chloromethane | ug/kg | 4799 | 41 | 0.90 | 0.23 | 2500 | 0.25 | 520 | 7796 | 56 | 0.70 | 0.22 | 13000 | 0.25 | 520 |
| 7440-47-3 | Chromium | mg/kg | 4764 | 4764 | 100 | -- | -- | 2.64 | 74.2 | 7743 | 7743 | 100 | -- | -- | 2.64 | 74.2 |
| CR6 | Chromium, Hexavalent | mg/kg | 4675 | 434 | 9.3 | 0.0025 | 0.43 | 0.048 | 1.5 | 7540 | 819 | 11 | 0.0025 | 0.43 | 0.039 | 1.5 |
| 218-01-9 | Chrysene | mg/kg | 4795 | 4249 | 89 | 0.00058 | 2.2 | 0.00062 | 72 | 7794 | 6529 | 84 | 0.00058 | 2.2 | 0.00062 | 130 |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | 4799 | 2 | 0.04 | 0.19 | 250 | 0.33 | 0.56 | 7796 | 8 | 0.10 | 0.19 | 1300 | 0.31 | 49 |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | 4799 | 0 | 0 | 0.12 | 160 | -- | -- | 7796 | 0 | 0 | 0.12 | 810 | -- | -- |
| 7440-48-4 | Cobalt | mg/kg | 4764 | 4764 | 100 | -- | -- | 1.19 | 24.1 | 7743 | 7743 | 100 | -- | -- | 1.19 | 26 |
| 7440-50-8 | Copper | mg/kg | 4764 | 4764 | 100 | -- | -- | 1.01 | 1190 | 7743 | 7743 | 100 | -- | -- | 1.01 | 1190 |
| 98-82-8 | Cumene (Isopropylbenzene) | ug/kg | 4799 | 282 | 5.9 | 0.078 | 67 | 0.098 | 5900 | 7796 | 1379 | 18 | 0.078 | 220 | 0.092 | 11000 |
| 53-70-3 | Dibenz (a,h) Anthracene | mg/kg | 4795 | 1659 | 35 | 0.00052 | 45 | 0.00064 | 1.6 | 7794 | 2314 | 30 | 0.00052 | 45 | 0.00053 | 3.4 |
| 132-64-9 | Dibenzofuran | mg/kg | 4795 | 2 | 0.04 | 0.0073 | 58 | 0.15 | 0.23 | 7794 | 5 | 0.10 | 0.0073 | 120 | 0.13 | 0.42 |
| 124-48-1 | Dibromochloromethane | ug/kg | 4799 | 17 | 0.40 | 0.08 | 170 | 0.1 | 6.8 | 7796 | 21 | 0.30 | 0.08 | 880 | 0.1 | 6.8 |
| 74-95-3 | Dibromomethane | ug/kg | 4799 | 0 | 0 | 0.2 | 610 | -- | -- | 7796 | 2 | 0.03 | 0.2 | 3100 | 0.41 | 0.63 |
| 84-66-2 | Diethyl Phthalate | mg/kg | 4795 | 239 | 5.0 | 0.0063 | 79 | 0.061 | 0.75 | 7794 | 369 | 4.7 | 0.0063 | 160 | 0.06 | 3.1 |
| 108-20-3 | Diisopropyl Ether (DIPE) | ug/kg | 4799 | 4 | 0.10 | 0.16 | 220 | 0.21 | 0.3 | 7796 | 10 | 0.10 | 0.16 | 1100 | 0.2 | 0.97 |
| 131-11-3 | Dimethyl Phthalate | mg/kg | 4795 | 372 | 7.8 | 0.008 | 90 | 0.052 | 2.7 | 7794 | 574 | 7.4 | 0.008 | 180 | 0.052 | 2.7 |
| 84-74-2 | Di-n-Butyl Phthalate | mg/kg | 4795 | 8 | 0.20 | 0.033 | 48 | 0.13 | 0.33 | 7794 | 8 | 0.10 | 0.033 | 96 | 0.13 | 0.33 |
| 117-84-0 | Di-n-Octyl Phthalate | mg/kg | 4795 | 2 | 0.04 | 0.0083 | 42 | 0.47 | 0.57 | 7794 | 3 | 0.04 | 0.0083 | 120 | 0.27 | 0.57 |
| 64-17-5 | Ethanol | ug/kg | 4799 | 643 | 13 | 37 | 87000 | 50 | 100000 | 7796 | 882 | 11 | 37 | 240000 | 45 | 100000 |
| 100-41-4 | Ethylbenzene | ug/kg | 4799 | 411 | 8.6 | 0.1 | 19 | 0.12 | 15000 | 7796 | 1491 | 19 | 0.1 | 25 | 0.12 | 29000 |

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 2 ft bgs | | | | | | | ≤ 5 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 637-92-3 | Ethyl-t-Butyl Ether (ETBE) | ug/kg | 4799 | 0 | 0 | 0.14 | 190 | -- | -- | 7796 | 0 | 0 | 0.14 | 950 | -- | -- |
| 206-44-0 | Fluoranthene | mg/kg | 4795 | 3819 | 80 | 0.00049 | 54 | 0.0005 | 11 | 7794 | 5981 | 77 | 0.00049 | 54 | 0.0005 | 29 |
| 86-73-7 | Fluorene | mg/kg | 4795 | 976 | 20 | 0.00073 | 53 | 0.00078 | 23 | 7794 | 2572 | 33 | 0.00073 | 53 | 0.00078 | 23 |
| 75-69-4 | Freon 11 | ug/kg | 4799 | 3 | 0.10 | 0.1 | 140 | 0.17 | 0.47 | 7796 | 3 | 0.04 | 0.1 | 690 | 0.17 | 0.47 |
| 76-13-1 | Freon 113 | ug/kg | 4799 | 0 | 0 | 0.26 | 410 | -- | -- | 7796 | 0 | 0 | 0.26 | 2100 | -- | -- |
| 75-71-8 | Freon 12 | ug/kg | 4799 | 13 | 0.30 | 0.13 | 170 | 0.16 | 0.68 | 7796 | 21 | 0.30 | 0.13 | 860 | 0.16 | 17 |
| 87-68-3 | Hexachloro-1,3-Butadiene | ug/kg | 4795 | 0 | 0 | 0.5 | 50000 | -- | -- | 7794 | 0 | 0 | 0.5 | 100000 | -- | -- |
| 118-74-1 | Hexachlorobenzene | mg/kg | 4795 | 0 | 0 | 0.006 | 52 | -- | -- | 7794 | 0 | 0 | 0.006 | 100 | -- | -- |
| 77-47-4 | Hexachlorocyclopentadiene | mg/kg | 4795 | 0 | 0 | 0.013 | 350 | -- | -- | 7794 | 0 | 0 | 0.0121 | 700 | -- | -- |
| 67-72-1 | Hexachloroethane | mg/kg | 4795 | 0 | 0 | 0.0067 | 54 | -- | -- | 7794 | 0 | 0 | 0.0067 | 110 | -- | -- |
| 193-39-5 | Indeno (1,2,3-c,d) Pyrene | mg/kg | 4795 | 2473 | 52 | 0.00053 | 49 | 0.00063 | 2 | 7794 | 3392 | 44 | 0.00053 | 49 | 0.00056 | 3.2 |
| 78-59-1 | Isophorone | mg/kg | 4795 | 1 | 0.02 | 0.0083 | 59 | 0.41 | 0.41 | 7794 | 1 | 0.01 | 0.0083 | 120 | 0.41 | 0.41 |
| 7439-92-1 | Lead | mg/kg | 4764 | 4762 | 100 | 0.181 | 0.181 | 0.514 | 390 | 7743 | 7739 | 100 | 0.181 | 0.181 | 0.48 | 390 |
| 7439-97-6 | Mercury | mg/kg | 4764 | 4609 | 97 | 0.0013 | 0.00588 | 0.004 | 1.33 | 7743 | 7419 | 96 | 0.0013 | 0.00618 | 0.0039 | 1.33 |
| 67-56-1 | Methanol (MeOH) | mg/kg | 1 | 0 | 0 | 0.064 | 0.064 | -- | -- | 1 | 0 | 0 | 0.064 | 0.064 | -- | -- |
| 1319-77-3 | Methyl Phenol | mg/kg | 210 | 0 | 0 | 0.013 | 3.2 | -- | -- | 338 | 0 | 0 | 0.013 | 3.2 | -- | -- |
| 75-09-2 | Methylene Chloride | ug/kg | 4799 | 18 | 0.40 | 0.99 | 4500 | 2.8 | 2100 | 7796 | 35 | 0.40 | 0.98 | 23000 | 1.4 | 2100 |
| 1634-04-4 | Methyl-tert-Butyl Ether | ug/kg | 4799 | 24 | 0.50 | 0.087 | 120 | 0.11 | 1.9 | 7796 | 55 | 0.70 | 0.087 | 590 | 0.11 | 140 |
| 7439-98-7 | Molybdenum | mg/kg | 4764 | 2901 | 61 | 0.0206 | 0.139 | 0.0456 | 24.1 | 7743 | 4311 | 56 | 0.0206 | 0.139 | 0.0266 | 24.1 |
| 91-20-3 | Naphthalene | ug/kg | 4799 | 2565 | 53 | 0.23 | 110 | 0.26 | 26000 | 7799 | 4567 | 59 | 0.23 | 740 | 0.25 | 68000 |
| 104-51-8 | n-Butylbenzene | ug/kg | 4799 | 115 | 2.4 | 0.11 | 27 | 0.13 | 6200 | 7796 | 1138 | 15 | 0.11 | 36 | 0.12 | 11000 |
| 7440-02-0 | Nickel | mg/kg | 4764 | 4764 | 100 | -- | -- | 1.57 | 33.8 | 7743 | 7743 | 100 | -- | -- | 1.57 | 43.1 |
| 98-95-3 | Nitrobenzene | mg/kg | 4795 | 0 | 0 | 0.013 | 380 | -- | -- | 7794 | 0 | 0 | 0.0121 | 760 | -- | -- |
| 62-75-9 | N-Nitrosodimethylamine | mg/kg | 4795 | 0 | 0 | 0.091 | 58 | -- | -- | 7794 | 0 | 0 | 0.091 | 120 | -- | -- |
| 621-64-7 | N-Nitroso-di-n-propylamine | mg/kg | 4795 | 0 | 0 | 0.0067 | 58 | -- | -- | 7794 | 0 | 0 | 0.0067 | 120 | -- | -- |
| 86-30-6 | N-Nitrosodiphenylamine | mg/kg | 4795 | 2 | 0.04 | 0.0073 | 59 | 0.24 | 0.32 | 7794 | 3 | 0.04 | 0.0073 | 120 | 0.24 | 0.61 |
| 95-47-6 | o-Xylene | ug/kg | 640 | 5 | 0.80 | 0.088 | 61 | 0.57 | 270 | 1011 | 54 | 5.3 | 0.088 | 170 | 0.12 | 15000 |
| 1330-20-7-1 | p/m-Xylene | ug/kg | 640 | 11 | 1.7 | 0.15 | 29 | 0.28 | 10000 | 1011 | 66 | 6.5 | 0.15 | 290 | 0.22 | 34000 |
| 87-86-5 | Pentachlorophenol | mg/kg | 4795 | 0 | 0 | 0.05 | 640 | -- | -- | 7794 | 0 | 0 | 0.0483 | 1300 | -- | -- |
| 85-01-8 | Phenanthrene | mg/kg | 4795 | 4161 | 87 | 0.00051 | 58 | 0.00082 | 100 | 7794 | 6497 | 83 | 0.00051 | 58 | 0.00051 | 100 |

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 2 ft bgs | | | | | | | ≤ 5 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 108-95-2 | Phenol | mg/kg | 4795 | 2 | 0.04 | 0.0053 | 71 | 0.97 | 1.8 | 7794 | 2 | 0.03 | 0.0053 | 140 | 0.97 | 1.8 |
| 99-87-6 | p-Isopropyltoluene | ug/kg | 4799 | 808 | 17 | 0.076 | 77 | 0.089 | 6100 | 7796 | 1882 | 24 | 0.076 | 98 | 0.088 | 7000 |
| 103-65-1 | Propylbenzene | ug/kg | 4799 | 68 | 1.4 | 0.14 | 340 | 0.56 | 8600 | 7796 | 811 | 10 | 0.14 | 880 | 0.18 | 15000 |
| 129-00-0 | Pyrene | mg/kg | 4795 | 4425 | 92 | 0.00049 | 2.1 | 0.0007 | 140 | 7794 | 6919 | 89 | 0.00049 | 2.1 | 0.0005 | 180 |
| 110-86-1 | Pyridine | mg/kg | 4795 | 0 | 0 | 0.082 | 170 | -- | -- | 7794 | 0 | 0 | 0.082 | 330 | -- | -- |
| 135-98-8 | sec-Butylbenzene | ug/kg | 4799 | 167 | 3.5 | 0.068 | 71 | 0.083 | 4000 | 7796 | 1418 | 18 | 0.068 | 300 | 0.083 | 8000 |
| 7782-49-2 | Selenium | mg/kg | 4764 | 294 | 6.2 | 0.175 | 0.351 | 0.198 | 8.16 | 7743 | 444 | 5.7 | 0.175 | 0.351 | 0.198 | 8.99 |
| 7440-22-4 | Silver | mg/kg | 4764 | 66 | 1.4 | 0.017 | 0.117 | 0.0362 | 3.82 | 7743 | 80 | 1.0 | 0.017 | 0.117 | 0.0362 | 3.82 |
| 100-42-5 | Styrene | ug/kg | 4799 | 4 | 0.10 | 0.14 | 180 | 0.21 | 3.9 | 7796 | 8 | 0.10 | 0.14 | 910 | 0.21 | 78 |
| 994-05-8 | tert-Amyl-Methyl Ether (TAME) | ug/kg | 4799 | 0 | 0 | 0.086 | 110 | -- | -- | 7796 | 0 | 0 | 0.086 | 580 | -- | -- |
| 75-65-0 | tert-Butyl Alcohol (TBA) | ug/kg | 4799 | 28 | 0.60 | 3.8 | 13000 | 4.1 | 430 | 7796 | 63 | 0.80 | 3.8 | 68000 | 4.1 | 430 |
| 98-06-6 | tert-Butylbenzene | ug/kg | 4799 | 56 | 1.2 | 0.081 | 110 | 0.11 | 230 | 7796 | 708 | 9.1 | 0.081 | 550 | 0.096 | 350 |
| 127-18-4 | Tetrachloroethene | ug/kg | 4799 | 74 | 1.5 | 0.11 | 150 | 0.15 | 19000 | 7796 | 129 | 1.7 | 0.11 | 750 | 0.14 | 19000 |
| 7440-28-0 | Thallium | mg/kg | 4764 | 175 | 3.7 | 0.0987 | 0.232 | 0.163 | 3.38 | 7743 | 276 | 3.6 | 0.0987 | 0.232 | 0.163 | 3.47 |
| 108-88-3 | Toluene | ug/kg | 4799 | 2420 | 50 | 0.098 | 130 | 0.11 | 4900 | 7796 | 3325 | 43 | 0.098 | 660 | 0.11 | 57000 |
| TPHC6C44 | Total Petroleum Hydrocarbons (C6-C44) | mg/kg | 4 | 4 | 100 | -- | -- | 350 | 11000 | 7 | 7 | 100 | -- | -- | 350 | 11000 |
| 68334-30-5 | TPH as Diesel | mg/kg | 4795 | 3996 | 83 | 4.8 | 4.8 | 4.9 | 96000 | 7794 | 6104 | 78 | 4.8 | 4.9 | 4.9 | 140000 |
| PHCG | TPH as Gasoline | mg/kg | 4799 | 1607 | 34 | 0.0001 | 0.42 | 0.043 | 3700 | 7796 | 3270 | 42 | 0.0001 | 12 | 0.043 | 7000 |
| TPHMOIL | TPH as Motor Oil | mg/kg | 4795 | 4118 | 86 | 7 | 7 | 7 | 180000 | 7794 | 6284 | 81 | 6.9 | 7 | 7 | 320000 |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 4799 | 0 | 0 | 0.17 | 220 | -- | -- | 7796 | 0 | 0 | 0.17 | 1100 | -- | -- |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | 4799 | 0 | 0 | 0.16 | 1700 | -- | -- | 7796 | 0 | 0 | 0.16 | 8400 | -- | -- |
| 79-01-6 | Trichloroethene | ug/kg | 4799 | 29 | 0.60 | 0.12 | 160 | 0.15 | 140 | 7796 | 43 | 0.60 | 0.12 | 800 | 0.15 | 300 |
| 7440-62-2 | Vanadium | mg/kg | 4764 | 4764 | 100 | -- | -- | 4.16 | 78.4 | 7743 | 7743 | 100 | -- | -- | 4.16 | 82.2 |
| 108-05-4 | Vinyl Acetate | ug/kg | 4799 | 0 | 0 | 3.5 | 6500 | -- | -- | 7796 | 0 | 0 | 3.5 | 33000 | -- | -- |
| 75-01-4 | Vinyl Chloride | ug/kg | 4799 | 8 | 0.20 | 0.14 | 190 | 0.19 | 0.49 | 7796 | 12 | 0.20 | 0.14 | 950 | 0.19 | 49 |
| 1330-20-7 | Xylenes, Total | ug/kg | 4785 | 848 | 18 | 0.13 | 83 | 0.16 | 52000 | 7772 | 1879 | 24 | 0.13 | 170 | 0.15 | 140000 |
| 7440-66-6 | Zinc | mg/kg | 4764 | 4764 | 100 | -- | -- | 6.51 | 5770 | 7743 | 7743 | 100 | -- | -- | 6.51 | 5770 |

Notes:

-- not applicable; DL = detection limit

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 10 ft bgs | | | | | | | > 5 to ≤ 10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 10471 | 0 | 0 | 0.11 | 1500 | -- | -- | 2675 | 0 | 0 | 0.11 | 610 | -- | -- |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 10471 | 1 | 0.01 | 0.11 | 1100 | 0.86 | 0.86 | 2675 | 0 | 0 | 0.11 | 460 | -- | -- |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 10471 | 31 | 0.30 | 0.08 | 1000 | 0.1 | 420 | 2675 | 5 | 0.20 | 0.09 | 420 | 0.1 | 1.6 |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 10471 | 10 | 0.10 | 0.16 | 1100 | 0.23 | 59 | 2675 | 6 | 0.20 | 0.17 | 440 | 0.49 | 59 |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 10471 | 1 | 0.01 | 0.1 | 700 | 0.26 | 0.26 | 2675 | 0 | 0 | 0.11 | 420 | -- | -- |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | 10471 | 1 | 0.01 | 0.091 | 620 | 0.18 | 0.18 | 2675 | 0 | 0 | 0.1 | 320 | -- | -- |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 10471 | 0 | 0 | 0.14 | 980 | -- | -- | 2675 | 0 | 0 | 0.16 | 400 | -- | -- |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 10471 | 27 | 0.30 | 0.13 | 900 | 0.17 | 340 | 2675 | 10 | 0.40 | 0.15 | 840 | 0.17 | 340 |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 10471 | 24 | 0.20 | 0.2 | 2900 | 0.48 | 180 | 2675 | 11 | 0.40 | 0.2 | 1200 | 0.6 | 180 |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 10478 | 12 | 0.10 | 0.12 | 81000 | 0.17 | 320 | 2679 | 5 | 0.20 | 0.13 | 1000 | 0.24 | 320 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 10471 | 3603 | 34 | 0.077 | 99 | 0.089 | 84000 | 2675 | 1388 | 52 | 0.084 | 62 | 0.09 | 84000 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | ug/kg | 10471 | 1 | 0.01 | 0.5 | 16000 | 9.6 | 9.6 | 2675 | 0 | 0 | 0.5 | 6700 | -- | -- |
| 106-93-4 | 1,2-Dibromoethane (EDB) | ug/kg | 10471 | 2 | 0.02 | 0.12 | 2000 | 0.51 | 950 | 2675 | 0 | 0 | 0.12 | 820 | -- | -- |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 10478 | 16 | 0.20 | 0.084 | 41000 | 0.11 | 330 | 2679 | 1 | 0.04 | 0.091 | 520 | 0.55 | 0.55 |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 10471 | 7 | 0.10 | 0.11 | 750 | 0.2 | 7.3 | 2675 | 2 | 0.10 | 0.12 | 310 | 0.21 | 7.3 |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 10471 | 6 | 0.10 | 0.17 | 1200 | 0.31 | 100 | 2675 | 2 | 0.10 | 0.19 | 490 | 0.45 | 90 |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 10471 | 1719 | 16 | 0.065 | 510 | 0.078 | 31000 | 2675 | 913 | 34 | 0.072 | 510 | 0.078 | 31000 |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 10478 | 4 | 0.04 | 0.084 | 41000 | 0.21 | 30 | 2679 | 0 | 0 | 0.084 | 510 | -- | -- |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 10471 | 1 | 0.01 | 0.12 | 780 | 0.19 | 0.19 | 2675 | 0 | 0 | 0.12 | 320 | -- | -- |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 10478 | 78 | 0.70 | 0.1 | 61000 | 0.13 | 440 | 2679 | 2 | 0.10 | 0.11 | 770 | 0.29 | 440 |
| 90-12-0 | 1-Methylnaphthalene | mg/kg | 10471 | 4593 | 44 | 0.00099 | 48 | 0.001 | 160 | 2677 | 1592 | 60 | 0.00099 | 4.3 | 0.001 | 140 |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 10471 | 0 | 0 | 0.16 | 2000 | -- | -- | 2675 | 0 | 0 | 0.16 | 840 | -- | -- |
| 95-95-4 | 2,4,5-Trichlorophenol | mg/kg | 10472 | 1 | 0.01 | 0.0116 | 150 | 0.075 | 0.075 | 2678 | 1 | 0.04 | 0.0116 | 30 | 0.075 | 0.075 |
| 88-06-2 | 2,4,6-Trichlorophenol | mg/kg | 10472 | 1 | 0.01 | 0.0116 | 160 | 0.14 | 0.14 | 2678 | 0 | 0 | 0.0116 | 32 | -- | -- |
| 120-83-2 | 2,4-Dichlorophenol | mg/kg | 10472 | 2 | 0.02 | 0.0116 | 140 | 0.078 | 0.43 | 2678 | 1 | 0.04 | 0.0116 | 28 | 0.078 | 0.078 |
| 105-67-9 | 2,4-Dimethylphenol | mg/kg | 10472 | 0 | 0 | 0.0116 | 120 | -- | -- | 2678 | 0 | 0 | 0.0116 | 24 | -- | -- |
| 51-28-5 | 2,4-Dinitrophenol | mg/kg | 10472 | 0 | 0 | 0.045 | 720 | -- | -- | 2678 | 0 | 0 | 0.045 | 190 | -- | -- |
| 121-14-2 | 2,4-Dinitrotoluene | mg/kg | 10472 | 15 | 0.10 | 0.0116 | 150 | 0.061 | 3.1 | 2678 | 8 | 0.30 | 0.0116 | 30 | 0.066 | 3.1 |
| 606-20-2 | 2,6-Dinitrotoluene | mg/kg | 10472 | 3 | 0.03 | 0.008 | 170 | 0.058 | 9.2 | 2678 | 0 | 0 | 0.008 | 33 | -- | -- |
| 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | ug/kg | 10469 | 931 | 8.9 | 1.5 | 42000 | 2.1 | 2700 | 2673 | 156 | 5.8 | 1.6 | 17000 | 2.1 | 32 |

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 10 ft bgs | | | | | | | > 5 to ≤ 10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 91-58-7 | 2-Chloronaphthalene | mg/kg | 10472 | 3 | 0.03 | 0.0083 | 97 | 0.16 | 2.8 | 2678 | 1 | 0.04 | 0.0083 | 20 | 2.8 | 2.8 |
| 95-57-8 | 2-Chlorophenol | mg/kg | 10472 | 0 | 0 | 0.0116 | 140 | -- | -- | 2678 | 0 | 0 | 0.0116 | 27 | -- | -- |
| 95-49-8 | 2-Chlorotoluene | ug/kg | 10471 | 6 | 0.10 | 0.076 | 520 | 0.15 | 180 | 2675 | 1 | 0.04 | 0.083 | 210 | 3.6 | 3.6 |
| 591-78-6 | 2-Hexanone | ug/kg | 10469 | 9 | 0.10 | 0.8 | 25000 | 2.3 | 31 | 2673 | 0 | 0 | 0.8 | 10000 | -- | -- |
| 91-57-6 | 2-Methylnaphthalene | mg/kg | 10472 | 7689 | 73 | 0.0006 | 47 | 0.0006 | 280 | 2678 | 1945 | 73 | 0.0006 | 2.4 | 0.0006 | 280 |
| 95-48-7 | 2-Methylphenol | mg/kg | 10472 | 0 | 0 | 0.0116 | 140 | -- | -- | 2678 | 0 | 0 | 0.0116 | 28 | -- | -- |
| 88-74-4 | 2-Nitroaniline | mg/kg | 10472 | 1 | 0.01 | 0.046 | 160 | 0.18 | 0.18 | 2678 | 1 | 0.04 | 0.046 | 33 | 0.18 | 0.18 |
| 88-75-5 | 2-Nitrophenol | mg/kg | 10472 | 0 | 0 | 0.0116 | 130 | -- | -- | 2678 | 0 | 0 | 0.0116 | 26 | -- | -- |
| 91-94-1 | 3,3'-Dichlorobenzidine | mg/kg | 10472 | 0 | 0 | 0.0093 | 1100 | -- | -- | 2678 | 0 | 0 | 0.0093 | 220 | -- | -- |
| 106-44-5 | 3/4-Methylphenol | mg/kg | 10471 | 1 | 0.01 | 0.0116 | 140 | 0.073 | 0.073 | 2677 | 0 | 0 | 0.0116 | 27 | -- | -- |
| 99-09-2 | 3-Nitroaniline | mg/kg | 10472 | 0 | 0 | 0.01 | 160 | -- | -- | 2678 | 0 | 0 | 0.01 | 32 | -- | -- |
| 534-52-1 | 4,6-Dinitro-2-Methylphenol | mg/kg | 10472 | 0 | 0 | 0.0463 | 1600 | -- | -- | 2678 | 0 | 0 | 0.0463 | 320 | -- | -- |
| 101-55-3 | 4-Bromophenyl-Phenyl Ether | mg/kg | 10472 | 0 | 0 | 0.0067 | 100 | -- | -- | 2678 | 0 | 0 | 0.0067 | 20 | -- | -- |
| 59-50-7 | 4-Chloro-3-Methylphenol | mg/kg | 10472 | 1 | 0.01 | 0.0116 | 150 | 0.087 | 0.087 | 2678 | 1 | 0.04 | 0.0116 | 30 | 0.087 | 0.087 |
| 106-47-8 | 4-Chloroaniline | mg/kg | 10472 | 0 | 0 | 0.0116 | 120 | -- | -- | 2678 | 0 | 0 | 0.0116 | 25 | -- | -- |
| 7005-72-3 | 4-Chlorophenyl-Phenyl Ether | mg/kg | 10472 | 0 | 0 | 0.0057 | 100 | -- | -- | 2678 | 0 | 0 | 0.0057 | 21 | -- | -- |
| 106-43-4 | 4-Chlorotoluene | ug/kg | 10471 | 1 | 0.01 | 0.068 | 460 | 0.27 | 0.27 | 2675 | 1 | 0.04 | 0.075 | 200 | 0.27 | 0.27 |
| 108-10-1 | 4-Methyl-2-Pentanone | ug/kg | 10469 | 27 | 0.30 | 0.8 | 9000 | 1.4 | 15 | 2673 | 4 | 0.10 | 0.8 | 4000 | 1.7 | 7 |
| MEPH4 | 4-Methylphenol (p-Cresol) | mg/kg | 652 | 8 | 1.2 | 0.079 | 47 | 0.14 | 0.22 | 163 | 1 | 0.60 | 0.079 | 24 | 0.14 | 0.14 |
| 100-01-6 | 4-Nitroaniline | mg/kg | 10472 | 0 | 0 | 0.0463 | 140 | -- | -- | 2678 | 0 | 0 | 0.0463 | 28 | -- | -- |
| 100-02-7 | 4-Nitrophenol | mg/kg | 10472 | 1 | 0.01 | 0.0067 | 160 | 0.1 | 0.1 | 2678 | 1 | 0.04 | 0.0067 | 32 | 0.1 | 0.1 |
| 83-32-9 | Acenaphthene | mg/kg | 10472 | 3413 | 33 | 0.0009 | 49 | 0.0009 | 17 | 2678 | 1417 | 53 | 0.0009 | 13 | 0.0009 | 11 |
| 208-96-8 | Acenaphthylene | mg/kg | 10472 | 1957 | 19 | 0.0006 | 64 | 0.0006 | 4.5 | 2678 | 441 | 17 | 0.0006 | 6 | 0.0006 | 3 |
| 67-64-1 | Acetone | ug/kg | 10469 | 8101 | 77 | 4.6 | 28000 | 4.8 | 1800 | 2673 | 1523 | 57 | 4.6 | 12000 | 4.8 | 1800 |
| C19C32ALIPH | Aliphatics (C19 - C32) | mg/kg | 2020 | 1635 | 81 | 5 | 10 | 5 | 32000 | 537 | 389 | 72 | 5 | 10 | 5.1 | 16000 |
| C5C8ALIPH | Aliphatics (C5 - C8) | mg/kg | 2019 | 1107 | 55 | 0.0091 | 0.5 | 0.0091 | 7000 | 537 | 359 | 67 | 0.0091 | 0.5 | 0.0092 | 7000 |
| C9C18ALIPH | Aliphatics (C9 - C18) | mg/kg | 2019 | 916 | 45 | 5 | 10 | 5 | 6300 | 537 | 264 | 49 | 5 | 10 | 5.3 | 5900 |
| 62-53-3 | Aniline | mg/kg | 10471 | 6 | 0.10 | 0.056 | 110 | 0.088 | 4 | 2677 | 2 | 0.10 | 0.056 | 23 | 1.9 | 4 |
| 120-12-7 | Anthracene | mg/kg | 10472 | 4134 | 40 | 0.0004 | 57 | 0.00053 | 26 | 2678 | 1109 | 41 | 0.0004 | 15 | 0.0006 | 6.7 |
| 7440-36-0 | Antimony | mg/kg | 10397 | 1899 | 18 | 0.142 | 0.306 | 0.151 | 6.45 | 2654 | 445 | 17 | 0.142 | 0.306 | 0.191 | 4.87 |

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 10 ft bgs | | | | | | | > 5 to ≤ 10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 12674-11-2 | AROCLOR 1016 | ug/kg | 47 | 0 | 0 | 10 | 14 | -- | -- | 18 | 0 | 0 | 10 | 14 | -- | -- |
| 11104-28-2 | AROCLOR 1221 | ug/kg | 47 | 0 | 0 | 10 | 13 | -- | -- | 18 | 0 | 0 | 10 | 13 | -- | -- |
| 11141-16-5 | AROCLOR 1232 | ug/kg | 47 | 0 | 0 | 10 | 11 | -- | -- | 18 | 0 | 0 | 10 | 11 | -- | -- |
| 53469-21-9 | AROCLOR 1242 | ug/kg | 47 | 0 | 0 | 10 | 12 | -- | -- | 18 | 0 | 0 | 10 | 12 | -- | -- |
| 12672-29-6 | AROCLOR 1248 | ug/kg | 47 | 0 | 0 | 10 | 14 | -- | -- | 18 | 0 | 0 | 10 | 14 | -- | -- |
| 11097-69-1 | AROCLOR 1254 | ug/kg | 47 | 0 | 0 | 10 | 12 | -- | -- | 18 | 0 | 0 | 10 | 12 | -- | -- |
| 11096-82-5 | AROCLOR 1260 | ug/kg | 47 | 0 | 0 | 11 | 11 | -- | -- | 18 | 0 | 0 | 11 | 11 | -- | -- |
| 37324-23-5 | AROCLOR 1262 | ug/kg | 47 | 0 | 0 | 10 | 12 | -- | -- | 18 | 0 | 0 | 10 | 12 | -- | -- |
| C17C32AROM | Aromatics (C17 - C32) | mg/kg | 2020 | 1525 | 76 | 5 | 10 | 5 | 36000 | 537 | 351 | 65 | 5 | 10 | 5 | 18000 |
| C6C8AROM | Aromatics (C6 - C8) | mg/kg | 2020 | 497 | 25 | 0.0002 | 0.02 | 0.0002 | 310 | 537 | 230 | 43 | 0.0002 | 0.02 | 0.0002 | 180 |
| C9C16AROM | Aromatics (C9 - C16) | mg/kg | 2020 | 1007 | 50 | 5 | 10 | 5 | 41000 | 537 | 283 | 53 | 5 | 10 | 5 | 6400 |
| 7440-38-2 | Arsenic | mg/kg | 10397 | 10361 | 100 | 0.259 | 0.398 | 0.398 | 62.9 | 2654 | 2648 | 100 | 0.398 | 0.398 | 0.44 | 62.9 |
| 103-33-3 | Azobenzene | mg/kg | 10471 | 1 | 0.01 | 0.1 | 110 | 0.24 | 0.24 | 2677 | 1 | 0.04 | 0.1 | 21 | 0.24 | 0.24 |
| 7440-39-3 | Barium | mg/kg | 10397 | 10397 | 100 | -- | -- | 10.9 | 1020 | 2654 | 2654 | 100 | -- | -- | 14.8 | 460 |
| 71-43-2 | Benzene | ug/kg | 10471 | 5527 | 53 | 0.095 | 600 | 0.1 | 33000 | 2675 | 1370 | 51 | 0.096 | 240 | 0.1 | 33000 |
| 92-87-5 | Benzidine | mg/kg | 10472 | 0 | 0 | 0.071 | 930 | -- | -- | 2678 | 0 | 0 | 0.071 | 240 | -- | -- |
| 56-55-3 | Benzo (a) Anthracene | mg/kg | 10472 | 7731 | 74 | 0.00065 | 95 | 0.0007 | 47 | 2678 | 1670 | 62 | 0.00065 | 3.1 | 0.0007 | 35 |
| 50-32-8 | Benzo (a) Pyrene | mg/kg | 10472 | 7452 | 71 | 0.00049 | 43 | 0.0005 | 22 | 2678 | 1498 | 56 | 0.00049 | 2.3 | 0.0005 | 15 |
| 205-99-2 | Benzo (b) Fluoranthene | mg/kg | 10472 | 6220 | 59 | 0.00035 | 42 | 0.0005 | 16 | 2678 | 1184 | 44 | 0.00035 | 2.2 | 0.0005 | 8 |
| 191-24-2 | Benzo (g,h,i) Perylene | mg/kg | 10472 | 6942 | 66 | 0.00047 | 45 | 0.00052 | 13 | 2678 | 1185 | 44 | 0.00047 | 8.2 | 0.00061 | 8.3 |
| 207-08-9 | Benzo (k) Fluoranthene | mg/kg | 10472 | 2362 | 23 | 0.00069 | 55 | 0.00073 | 4.6 | 2678 | 398 | 15 | 0.00069 | 11 | 0.00074 | 2.2 |
| 65-85-0 | Benzoic Acid | mg/kg | 10472 | 8 | 0.10 | 0.064 | 780 | 0.12 | 1.5 | 2678 | 1 | 0.04 | 0.064 | 160 | 1.2 | 1.2 |
| 100-51-6 | Benzyl Alcohol | mg/kg | 10472 | 1 | 0.01 | 0.054 | 150 | 1.8 | 1.8 | 2678 | 0 | 0 | 0.054 | 31 | -- | -- |
| 7440-41-7 | Beryllium | mg/kg | 10397 | 10369 | 100 | 0.0037 | 0.137 | 0.0813 | 1.21 | 2654 | 2635 | 99 | 0.0037 | 0.137 | 0.0813 | 1.21 |
| 111-91-1 | Bis(2-Chloroethoxy) Methane | mg/kg | 10472 | 0 | 0 | 0.0116 | 120 | -- | -- | 2678 | 0 | 0 | 0.0116 | 25 | -- | -- |
| 111-44-4 | Bis(2-Chloroethyl) Ether | mg/kg | 10472 | 0 | 0 | 0.0116 | 110 | -- | -- | 2678 | 0 | 0 | 0.0116 | 23 | -- | -- |
| 108-60-1 | Bis(2-Chloroisopropyl) Ether | mg/kg | 10472 | 0 | 0 | 0.0116 | 120 | -- | -- | 2678 | 0 | 0 | 0.0116 | 24 | -- | -- |
| 117-81-7 | Bis(2-Ethylhexyl) Phthalate | mg/kg | 10472 | 328 | 3.1 | 0.039 | 96 | 0.083 | 22 | 2678 | 34 | 1.3 | 0.039 | 33 | 0.098 | 1.4 |
| 108-86-1 | Bromobenzene | ug/kg | 10471 | 3 | 0.03 | 0.1 | 930 | 0.41 | 1.6 | 2675 | 1 | 0.04 | 0.1 | 380 | 1.6 | 1.6 |
| 74-97-5 | Bromochloromethane | ug/kg | 10469 | 0 | 0 | 0.33 | 6100 | -- | -- | 2673 | 0 | 0 | 0.33 | 2500 | -- | -- |

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 10 ft bgs | | | | | | | > 5 to ≤ 10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 75-27-4 | Bromodichloromethane | ug/kg | 10471 | 31 | 0.30 | 0.08 | 650 | 0.12 | 1300 | 2675 | 6 | 0.20 | 0.09 | 270 | 0.14 | 1300 |
| 75-25-2 | Bromoform | ug/kg | 10471 | 9 | 0.10 | 0.3 | 2900 | 0.65 | 140 | 2675 | 2 | 0.10 | 0.3 | 1200 | 0.78 | 2.3 |
| 74-83-9 | Bromomethane | ug/kg | 10471 | 281 | 2.7 | 0.5 | 8700 | 0.69 | 1300 | 2675 | 79 | 3.0 | 0.6 | 8700 | 0.73 | 1300 |
| 85-68-7 | Butyl Benzyl Phthalate | mg/kg | 10472 | 117 | 1.1 | 0.0116 | 100 | 0.023 | 3.1 | 2678 | 26 | 1.00 | 0.0116 | 24 | 0.024 | 3.1 |
| 7440-43-9 | Cadmium | mg/kg | 10397 | 2749 | 26 | 0.0064 | 0.143 | 0.007 | 9.02 | 2654 | 468 | 18 | 0.0064 | 0.143 | 0.011 | 2.89 |
| 75-15-0 | Carbon Disulfide | ug/kg | 10469 | 5593 | 53 | 0.13 | 780 | 0.13 | 120 | 2673 | 1264 | 47 | 0.13 | 320 | 0.13 | 120 |
| 56-23-5 | Carbon Tetrachloride | ug/kg | 10471 | 1 | 0.01 | 0.13 | 1400 | 0.3 | 0.3 | 2675 | 0 | 0 | 0.13 | 580 | -- | -- |
| 108-90-7 | Chlorobenzene | ug/kg | 10471 | 141 | 1.3 | 0.098 | 660 | 0.12 | 150 | 2675 | 20 | 0.70 | 0.11 | 270 | 0.12 | 29 |
| 75-00-3 | Chloroethane | ug/kg | 10471 | 13 | 0.10 | 0.27 | 1800 | 0.32 | 1.8 | 2675 | 3 | 0.10 | 0.3 | 1400 | 0.32 | 0.89 |
| 67-66-3 | Chloroform | ug/kg | 10471 | 788 | 7.5 | 0.11 | 760 | 0.13 | 110 | 2675 | 122 | 4.6 | 0.11 | 320 | 0.13 | 60 |
| 74-87-3 | Chloromethane | ug/kg | 10471 | 83 | 0.80 | 0.22 | 13000 | 0.25 | 520 | 2675 | 27 | 1.00 | 0.23 | 5300 | 0.28 | 310 |
| 7440-47-3 | Chromium | mg/kg | 10397 | 10397 | 100 | -- | -- | 2.11 | 74.2 | 2654 | 2654 | 100 | -- | -- | 2.11 | 38.2 |
| CR6 | Chromium, Hexavalent | mg/kg | 10109 | 1141 | 11 | 0.0025 | 0.43 | 0.039 | 4.8 | 2569 | 322 | 13 | 0.038 | 0.43 | 0.04 | 4.8 |
| 218-01-9 | Chrysene | mg/kg | 10472 | 8394 | 80 | 0.00058 | 2.2 | 0.00062 | 130 | 2678 | 1865 | 70 | 0.00058 | 2.2 | 0.00062 | 88 |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | 10471 | 15 | 0.10 | 0.13 | 1300 | 0.23 | 440 | 2675 | 7 | 0.30 | 0.13 | 520 | 0.23 | 440 |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | 10471 | 0 | 0 | 0.12 | 810 | -- | -- | 2675 | 0 | 0 | 0.12 | 330 | -- | -- |
| 7440-48-4 | Cobalt | mg/kg | 10397 | 10397 | 100 | -- | -- | 1.19 | 31.3 | 2654 | 2654 | 100 | -- | -- | 1.2 | 31.3 |
| 7440-50-8 | Copper | mg/kg | 10397 | 10397 | 100 | -- | -- | 0.512 | 1190 | 2654 | 2654 | 100 | -- | -- | 0.512 | 91.4 |
| 98-82-8 | Cumene (Isopropylbenzene) | ug/kg | 10471 | 2680 | 26 | 0.078 | 500 | 0.092 | 16000 | 2675 | 1301 | 49 | 0.086 | 500 | 0.096 | 16000 |
| 53-70-3 | Dibenz (a,h) Anthracene | mg/kg | 10472 | 2736 | 26 | 0.00052 | 45 | 0.00053 | 3.4 | 2678 | 422 | 16 | 0.00052 | 6.7 | 0.0007 | 0.92 |
| 132-64-9 | Dibenzofuran | mg/kg | 10472 | 8 | 0.10 | 0.0073 | 120 | 0.13 | 1.2 | 2678 | 3 | 0.10 | 0.0073 | 23 | 0.23 | 1.2 |
| 124-48-1 | Dibromochloromethane | ug/kg | 10471 | 26 | 0.20 | 0.08 | 880 | 0.1 | 6.8 | 2675 | 5 | 0.20 | 0.09 | 530 | 0.1 | 6.2 |
| 74-95-3 | Dibromomethane | ug/kg | 10471 | 3 | 0.03 | 0.2 | 3100 | 0.41 | 50 | 2675 | 1 | 0.04 | 0.2 | 1300 | 50 | 50 |
| 84-66-2 | Diethyl Phthalate | mg/kg | 10472 | 494 | 4.7 | 0.0063 | 160 | 0.06 | 3.1 | 2678 | 125 | 4.7 | 0.0063 | 31 | 0.06 | 0.65 |
| 108-20-3 | Diisopropyl Ether (DIPE) | ug/kg | 10471 | 14 | 0.10 | 0.16 | 1100 | 0.2 | 1.4 | 2675 | 4 | 0.10 | 0.18 | 450 | 0.23 | 1.4 |
| 131-11-3 | Dimethyl Phthalate | mg/kg | 10472 | 741 | 7.1 | 0.008 | 180 | 0.052 | 2.7 | 2678 | 167 | 6.2 | 0.008 | 36 | 0.054 | 0.6 |
| 84-74-2 | Di-n-Butyl Phthalate | mg/kg | 10472 | 8 | 0.10 | 0.033 | 96 | 0.13 | 0.33 | 2678 | 0 | 0 | 0.033 | 25 | -- | -- |
| 117-84-0 | Di-n-Octyl Phthalate | mg/kg | 10472 | 5 | 0.05 | 0.0083 | 120 | 0.12 | 0.57 | 2678 | 2 | 0.10 | 0.0083 | 48 | 0.12 | 0.32 |
| 64-17-5 | Ethanol | ug/kg | 10469 | 1052 | 10 | 37 | 240000 | 45 | 100000 | 2673 | 170 | 6.4 | 40 | 180000 | 47 | 21000 |
| 100-41-4 | Ethylbenzene | ug/kg | 10471 | 2863 | 27 | 0.1 | 48 | 0.12 | 42000 | 2675 | 1372 | 51 | 0.11 | 48 | 0.12 | 42000 |

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 10 ft bgs | | | | | | | > 5 to ≤ 10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 637-92-3 | Ethyl-t-Butyl Ether (ETBE) | ug/kg | 10471 | 0 | 0 | 0.14 | 950 | -- | -- | 2675 | 0 | 0 | 0.15 | 470 | -- | -- |
| 206-44-0 | Fluoranthene | mg/kg | 10472 | 7738 | 74 | 0.00049 | 54 | 0.0005 | 29 | 2678 | 1757 | 66 | 0.00049 | 2.2 | 0.0005 | 12 |
| 86-73-7 | Fluorene | mg/kg | 10472 | 4194 | 40 | 0.00073 | 53 | 0.00076 | 23 | 2678 | 1622 | 61 | 0.00073 | 3.1 | 0.00076 | 20 |
| 75-69-4 | Freon 11 | ug/kg | 10471 | 3 | 0.03 | 0.1 | 690 | 0.17 | 0.47 | 2675 | 0 | 0 | 0.11 | 350 | -- | -- |
| 76-13-1 | Freon 113 | ug/kg | 10469 | 0 | 0 | 0.17 | 2100 | -- | -- | 2673 | 0 | 0 | 0.17 | 860 | -- | -- |
| 75-71-8 | Freon 12 | ug/kg | 10471 | 27 | 0.30 | 0.13 | 860 | 0.16 | 17 | 2675 | 6 | 0.20 | 0.14 | 410 | 0.16 | 17 |
| 87-68-3 | Hexachloro-1,3-Butadiene | ug/kg | 10473 | 0 | 0 | 0.5 | 100000 | -- | -- | 2679 | 0 | 0 | 0.6 | 20000 | -- | -- |
| 118-74-1 | Hexachlorobenzene | mg/kg | 10472 | 0 | 0 | 0.006 | 100 | -- | -- | 2678 | 0 | 0 | 0.006 | 28 | -- | -- |
| 77-47-4 | Hexachlorocyclopentadiene | mg/kg | 10472 | 0 | 0 | 0.0116 | 700 | -- | -- | 2678 | 0 | 0 | 0.0116 | 170 | -- | -- |
| 67-72-1 | Hexachloroethane | mg/kg | 10472 | 1 | 0.01 | 0.0067 | 110 | 6.6 | 6.6 | 2678 | 1 | 0.04 | 0.0067 | 22 | 6.6 | 6.6 |
| 193-39-5 | Indeno (1,2,3-c,d) Pyrene | mg/kg | 10472 | 3993 | 38 | 0.00053 | 49 | 0.00055 | 3.2 | 2678 | 601 | 22 | 0.00053 | 8.7 | 0.00055 | 1.9 |
| 78-59-1 | Isophorone | mg/kg | 10472 | 1 | 0.01 | 0.0083 | 120 | 0.41 | 0.41 | 2678 | 0 | 0 | 0.0083 | 24 | -- | -- |
| 7439-92-1 | Lead | mg/kg | 10397 | 10372 | 100 | 0.0527 | 0.181 | 0.231 | 1330 | 2654 | 2633 | 99 | 0.0527 | 0.181 | 0.231 | 1330 |
| 7439-97-6 | Mercury | mg/kg | 10397 | 9981 | 96 | 0.0013 | 0.00618 | 0.0039 | 1.33 | 2654 | 2562 | 97 | 0.0013 | 0.00607 | 0.0041 | 0.279 |
| 67-56-1 | Methanol (MeOH) | mg/kg | 1 | 0 | 0 | 0.064 | 0.064 | -- | -- | | | | | | | |
| 1319-77-3 | Methyl Phenol | mg/kg | 433 | 0 | 0 | 0.013 | 3.2 | -- | -- | 95 | 0 | 0.0% | 0.013 | 1.6 | -- | -- |
| 75-09-2 | Methylene Chloride | ug/kg | 10471 | 47 | 0.40 | 0.64 | 23000 | 1.4 | 2100 | 2675 | 12 | 0.4% | 0.64 | 9500 | 2.2 | 23 |
| 1634-04-4 | Methyl-tert-Butyl Ether | ug/kg | 10471 | 73 | 0.70 | 0.087 | 590 | 0.11 | 140 | 2675 | 18 | 0.7% | 0.095 | 270 | 0.16 | 1.9 |
| 7439-98-7 | Molybdenum | mg/kg | 10397 | 5773 | 56 | 0.0206 | 0.139 | 0.0266 | 24.1 | 2654 | 1462 | 55.1% | 0.0206 | 0.135 | 0.0315 | 6.97 |
| 91-20-3 | Naphthalene | ug/kg | 10478 | 6515 | 62 | 0.23 | 740 | 0.25 | 92000 | 2679 | 1948 | 72.7% | 0.24 | 360 | 0.26 | 92000 |
| 104-51-8 | n-Butylbenzene | ug/kg | 10471 | 2398 | 23 | 0.11 | 36 | 0.12 | 13000 | 2675 | 1260 | 47.1% | 0.12 | 19 | 0.15 | 13000 |
| 7440-02-0 | Nickel | mg/kg | 10397 | 10397 | 100 | -- | -- | 1.57 | 43.1 | 2654 | 2654 | 100.0% | -- | -- | 1.81 | 40.7 |
| 98-95-3 | Nitrobenzene | mg/kg | 10472 | 0 | 0 | 0.0116 | 760 | -- | -- | 2678 | 0 | 0.0% | 0.0116 | 150 | -- | -- |
| 62-75-9 | N-Nitrosodimethylamine | mg/kg | 10471 | 0 | 0 | 0.091 | 120 | -- | -- | 2677 | 0 | 0.0% | 0.091 | 23 | -- | -- |
| 621-64-7 | N-Nitroso-di-n-propylamine | mg/kg | 10472 | 1 | 0.01 | 0.0067 | 120 | 0.14 | 0.14 | 2678 | 1 | 0.0% | 0.0067 | 23 | 0.14 | 0.14 |
| 86-30-6 | N-Nitrosodiphenylamine | mg/kg | 10472 | 4 | 0.04 | 0.0073 | 120 | 0.24 | 5.5 | 2678 | 1 | 0.0% | 0.0073 | 24 | 5.5 | 5.5 |
| 95-47-6 | o-Xylene | ug/kg | 1343 | 117 | 8.7 | 0.088 | 410 | 0.12 | 15000 | 332 | 63 | 19.0% | 0.092 | 410 | 0.49 | 11000 |
| 1330-20-7-1 | p/m-Xylene | ug/kg | 1343 | 153 | 11 | 0.15 | 290 | 0.22 | 34000 | 332 | 87 | 26.2% | 0.16 | 260 | 0.28 | 27000 |
| 87-86-5 | Pentachlorophenol | mg/kg | 10472 | 0 | 0 | 0.0463 | 1300 | -- | -- | 2678 | 0 | 0.0% | 0.0463 | 260 | -- | -- |
| 85-01-8 | Phenanthrene | mg/kg | 10472 | 8494 | 81 | 0.00051 | 58 | 0.00051 | 100 | 2678 | 1997 | 74.6% | 0.00051 | 2 | 0.00059 | 95 |

**Table 1a**
**Statistical Summary of Soil Matrix Data - Residential Properties**
Former Kast Property

| CAS Number | Analyte | Units | ≤ 10 ft bgs | | | | | | | > 5 to ≤ 10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value | Number of Samples | Number of Detects | Percent Detected | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
| 108-95-2 | Phenol | mg/kg | 10472 | 2 | 0.02 | 0.0053 | 140 | 0.97 | 1.8 | 2678 | 0 | 0.0% | 0.0053 | 28 | -- | -- |
| 99-87-6 | p-Isopropyltoluene | ug/kg | 10471 | 3168 | 30 | 0.076 | 580 | 0.088 | 12000 | 2675 | 1286 | 48.1% | 0.084 | 580 | 0.092 | 12000 |
| 103-65-1 | Propylbenzene | ug/kg | 10471 | 1876 | 18 | 0.14 | 880 | 0.18 | 24000 | 2675 | 1065 | 39.8% | 0.17 | 410 | 0.3 | 24000 |
| 129-00-0 | Pyrene | mg/kg | 10472 | 9063 | 87 | 0.00049 | 2.1 | 0.0005 | 240 | 2678 | 2144 | 80.1% | 0.00049 | 2.1 | 0.00058 | 240 |
| 110-86-1 | Pyridine | mg/kg | 10471 | 0 | 0 | 0.082 | 330 | -- | -- | 2677 | 0 | 0.0% | 0.082 | 67 | -- | -- |
| 135-98-8 | sec-Butylbenzene | ug/kg | 10471 | 2771 | 27 | 0.068 | 530 | 0.079 | 9800 | 2675 | 1353 | 50.6% | 0.075 | 530 | 0.079 | 9800 |
| 7782-49-2 | Selenium | mg/kg | 10397 | 589 | 5.7 | 0.175 | 0.43 | 0.198 | 8.99 | 2654 | 145 | 5.5% | 0.175 | 0.43 | 0.291 | 4.14 |
| 7440-22-4 | Silver | mg/kg | 10397 | 124 | 1.2 | 0.017 | 0.117 | 0.0362 | 3.82 | 2654 | 44 | 1.7% | 0.017 | 0.117 | 0.129 | 2.03 |
| 100-42-5 | Styrene | ug/kg | 10471 | 17 | 0.20 | 0.14 | 910 | 0.21 | 78 | 2675 | 9 | 0.3% | 0.15 | 560 | 0.25 | 36 |
| 994-05-8 | tert-Amyl-Methyl Ether (TAME) | ug/kg | 10471 | 0 | 0 | 0.086 | 580 | -- | -- | 2675 | 0 | 0.0% | 0.093 | 320 | -- | -- |
| 75-65-0 | tert-Butyl Alcohol (TBA) | ug/kg | 10471 | 126 | 1.2 | 2.5 | 68000 | 4.1 | 430 | 2675 | 63 | 2.4% | 2.5 | 28000 | 4.2 | 120 |
| 98-06-6 | tert-Butylbenzene | ug/kg | 10471 | 1477 | 14 | 0.072 | 550 | 0.096 | 420 | 2675 | 769 | 28.7% | 0.072 | 230 | 0.097 | 420 |
| 127-18-4 | Tetrachloroethene | ug/kg | 10471 | 165 | 1.6 | 0.1 | 750 | 0.14 | 19000 | 2675 | 36 | 1.3% | 0.1 | 310 | 0.14 | 29 |
| 7440-28-0 | Thallium | mg/kg | 10397 | 420 | 4.0 | 0.0987 | 0.232 | 0.163 | 3.47 | 2654 | 144 | 5.4% | 0.0987 | 0.232 | 0.195 | 3.47 |
| 108-88-3 | Toluene | ug/kg | 10471 | 4335 | 41 | 0.098 | 660 | 0.11 | 57000 | 2675 | 1010 | 37.8% | 0.11 | 470 | 0.11 | 50000 |
| TPHC6C44 | Total Petroleum Hydrocarbons (C6-C44) | mg/kg | 12 | 9 | 75 | 4.8 | 4.8 | 350 | 22000 | 5 | 2 | 40.0% | 4.8 | 4.8 | 4900 | 22000 |
| 68334-30-5 | TPH as Diesel | mg/kg | 10472 | 7794 | 74 | 4.8 | 4.9 | 4.9 | 140000 | 2678 | 1690 | 63.1% | 4.8 | 4.8 | 4.9 | 54000 |
| PHCG | TPH as Gasoline | mg/kg | 10472 | 4872 | 47 | 0.0001 | 12 | 0.043 | 9800 | 2676 | 1602 | 59.9% | 0.039 | 0.42 | 0.046 | 9800 |
| TPHMOIL | TPH as Motor Oil | mg/kg | 10472 | 8046 | 77 | 6.9 | 7 | 7 | 320000 | 2678 | 1762 | 65.8% | 6.9 | 7 | 7 | 78000 |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 10471 | 4 | 0.04 | 0.17 | 1100 | 0.53 | 1500 | 2675 | 4 | 0.1% | 0.18 | 470 | 0.53 | 1500 |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | 10469 | 0 | 0 | 0.16 | 8400 | -- | -- | 2673 | 0 | 0.0% | 0.2 | 3500 | -- | -- |
| 79-01-6 | Trichloroethene | ug/kg | 10471 | 51 | 0.50 | 0.12 | 800 | 0.15 | 720 | 2675 | 8 | 0.3% | 0.13 | 330 | 0.17 | 720 |
| 7440-62-2 | Vanadium | mg/kg | 10397 | 10397 | 100 | -- | -- | 4.16 | 86 | 2654 | 2654 | 100.0% | -- | -- | 4.74 | 86 |
| 108-05-4 | Vinyl Acetate | ug/kg | 10469 | 1 | 0.01 | 2.3 | 33000 | 9200 | 9200 | 2673 | 1 | 0.0% | 2.3 | 14000 | 9200 | 9200 |
| 75-01-4 | Vinyl Chloride | ug/kg | 10471 | 15 | 0.10 | 0.14 | 950 | 0.18 | 49 | 2675 | 3 | 0.1% | 0.15 | 460 | 0.18 | 0.34 |
| 1330-20-7 | Xylenes, Total | ug/kg | 10438 | 3125 | 30 | 0.13 | 200 | 0.15 | 140000 | 2666 | 1246 | 46.7% | 0.15 | 200 | 0.16 | 140000 |
| 7440-66-6 | Zinc | mg/kg | 10397 | 10397 | 100 | -- | -- | 5.57 | 5770 | 2654 | 2654 | 100.0% | -- | -- | 5.57 | 673 |

Notes:

-- not applicable; DL = detection limit

**Table 1b**
**Statistical Summary of Soil Matrix Data - Streets**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| EPH | C19C32ALIPH | Aliphatics (C19 - C32) | 2 | 2 | 100 | mg/kg | -- | -- | 56 | 990 |
| EPH | C5C8ALIPH | Aliphatics (C5 - C8) | 2 | 2 | 100 | mg/kg | -- | -- | 3.6 | 520 |
| EPH | C9C18ALIPH | Aliphatics (C9 - C18) | 2 | 2 | 100 | mg/kg | -- | -- | 53 | 1200 |
| EPH | C17C32AROM | Aromatics (C17 - C32) | 2 | 2 | 100 | mg/kg | -- | -- | 49 | 760 |
| EPH | C6C8AROM | Aromatics (C6 - C8) | 2 | 2 | 100 | mg/kg | -- | -- | 0.00026 | 0.06 |
| EPH | C9C16AROM | Aromatics (C9 - C16) | 2 | 2 | 100 | mg/kg | -- | -- | 40 | 670 |
| METALS | 7440-36-0 | Antimony | 212 | 26 | 12 | mg/kg | 0.149 | 0.306 | 0.224 | 4.87 |
| METALS | 7440-38-2 | Arsenic | 212 | 211 | 100 | mg/kg | 0.398 | 0.398 | 1.32 | 28.2 |
| METALS | 7440-39-3 | Barium | 212 | 212 | 100 | mg/kg | -- | -- | 23 | 410 |
| METALS | 7440-41-7 | Beryllium | 212 | 209 | 99 | mg/kg | 0.0037 | 0.0037 | 0.129 | 1.17 |
| METALS | 7440-43-9 | Cadmium | 212 | 44 | 21 | mg/kg | 0.0099 | 0.135 | 0.103 | 1.28 |
| METALS | 7440-47-3 | Chromium | 212 | 212 | 100 | mg/kg | -- | -- | 4.37 | 35.1 |
| METALS | 18540-29-9 | Chromium, Hexavalent | 15 | 0 | 0 | mg/kg | 0.22 | 0.22 | -- | -- |
| METALS | 7440-48-4 | Cobalt | 212 | 212 | 100 | mg/kg | -- | -- | 1.86 | 27.1 |
| METALS | 7440-50-8 | Copper | 212 | 212 | 100 | mg/kg | -- | -- | 1.83 | 46.6 |
| METALS | 7439-92-1 | Lead | 212 | 211 | 100 | mg/kg | 0.0527 | 0.0527 | 1.07 | 200 |
| METALS | 7439-97-6 | Mercury | 212 | 117 | 55 | mg/kg | 0.0013 | 0.00588 | 0.0041 | 0.228 |
| METALS | 7439-98-7 | Molybdenum | 212 | 51 | 24 | mg/kg | 0.0206 | 0.132 | 0.0779 | 24.1 |
| METALS | 7440-02-0 | Nickel | 212 | 212 | 100 | mg/kg | -- | -- | 3.4 | 30.8 |
| METALS | 7782-49-2 | Selenium | 212 | 38 | 18 | mg/kg | 0.175 | 0.351 | 0.301 | 1.64 |
| METALS | 7440-22-4 | Silver | 212 | 2 | 0.94 | mg/kg | 0.0209 | 0.117 | 0.243 | 1.03 |
| METALS | 7440-28-0 | Thallium | 212 | 11 | 5.2 | mg/kg | 0.0987 | 0.232 | 0.163 | 2.87 |
| METALS | 7440-62-2 | Vanadium | 212 | 212 | 100 | mg/kg | -- | -- | 6.21 | 78.4 |
| METALS | 7440-66-6 | Zinc | 212 | 212 | 100 | mg/kg | -- | -- | 6.55 | 430 |
| Method-dependent | 87-61-6 | 1,2,3-Trichlorobenzene | 247 | 0 | 0 | ug/kg | 0.15 | 900 | -- | -- |
| Method-dependent | 120-82-1 | 1,2,4-Trichlorobenzene | 247 | 0 | 0 | ug/kg | 0.13 | 810 | -- | -- |
| Method-dependent | 95-50-1 | 1,2-Dichlorobenzene | 247 | 0 | 0 | ug/kg | 0.092 | 520 | -- | -- |
| Method-dependent | 541-73-1 | 1,3-Dichlorobenzene | 247 | 0 | 0 | ug/kg | 0.12 | 510 | -- | -- |
| Method-dependent | 106-46-7 | 1,4-Dichlorobenzene | 247 | 0 | 0 | ug/kg | 0.11 | 680 | -- | -- |
| Method-dependent | 91-20-3 | Naphthalene | 247 | 152 | 62 | ug/kg | 0.23 | 110 | 0.34 | 47000 |

**Table 1b**
**Statistical Summary of Soil Matrix Data - Streets**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| Method-dependent | 98-95-3 | Nitrobenzene | 245 | 0 | 0 | mg/kg | 0.1 | 380 | -- | -- |
| ORGANIC | 106-44-5 | 3/4-Methylphenol | 245 | 0 | 0 | mg/kg | 0.058 | 68 | -- | -- |
| ORGANIC | 12674-11-2 | AROCLOR 1016 | 40 | 0 | 0 | ug/kg | 10 | 10 | -- | -- |
| ORGANIC | 11104-28-2 | AROCLOR 1221 | 40 | 0 | 0 | ug/kg | 10 | 10 | -- | -- |
| ORGANIC | 11141-16-5 | AROCLOR 1232 | 40 | 0 | 0 | ug/kg | 10 | 10 | -- | -- |
| ORGANIC | 53469-21-9 | AROCLOR 1242 | 40 | 0 | 0 | ug/kg | 10 | 10 | -- | -- |
| ORGANIC | 12672-29-6 | AROCLOR 1248 | 40 | 0 | 0 | ug/kg | 10 | 10 | -- | -- |
| ORGANIC | 11097-69-1 | AROCLOR 1254 | 40 | 0 | 0 | ug/kg | 10 | 10 | -- | -- |
| ORGANIC | 11096-82-5 | AROCLOR 1260 | 40 | 0 | 0 | ug/kg | 11 | 11 | -- | -- |
| ORGANIC | 37324-23-5 | AROCLOR 1262 | 40 | 0 | 0 | ug/kg | 10 | 10 | -- | -- |
| ORGANIC | 85-68-7 | Butyl Benzyl Phthalate | 245 | 1 | 0.41 | mg/kg | 0.1 | 50 | 0.32 | 0.32 |
| ORGANIC | 64-17-5 | Ethanol | 247 | 3 | 1.2 | ug/kg | 40 | 240000 | 9000 | 10000 |
| ORGANIC | 76-13-1 | Freon 113 | 247 | 0 | 0 | ug/kg | 0.26 | 2100 | -- | -- |
| ORGANIC | TPHC6C44 | Total Petroleum Hydrocarbons (C6-C44) | 11 | 8 | 73 | mg/kg | 4.8 | 4.8 | 410 | 22000 |
| ORGANIC | 68334-30-5 | TPH as Diesel | 245 | 209 | 85 | mg/kg | 4.8 | 4.8 | 5.7 | 82000 |
| ORGANIC | PHCG | TPH as Gasoline | 247 | 200 | 81 | mg/kg | 0.04 | 12 | 0.048 | 9800 |
| ORGANIC | TPHMOIL | TPH as Motor Oil | 245 | 212 | 87 | mg/kg | 7 | 7 | 7.7 | 120000 |
| SVOC | 90-12-0 | 1-Methylnaphthalene | 245 | 120 | 49 | mg/kg | 0.001 | 48 | 0.0016 | 49 |
| SVOC | 95-95-4 | 2,4,5-Trichlorophenol | 245 | 0 | 0 | mg/kg | 0.067 | 76 | -- | -- |
| SVOC | 88-06-2 | 2,4,6-Trichlorophenol | 245 | 0 | 0 | mg/kg | 0.062 | 79 | -- | -- |
| SVOC | 120-83-2 | 2,4-Dichlorophenol | 245 | 0 | 0 | mg/kg | 0.065 | 69 | -- | -- |
| SVOC | 105-67-9 | 2,4-Dimethylphenol | 245 | 0 | 0 | mg/kg | 0.085 | 60 | -- | -- |
| SVOC | 51-28-5 | 2,4-Dinitrophenol | 245 | 0 | 0 | mg/kg | 0.72 | 360 | -- | -- |
| SVOC | 121-14-2 | 2,4-Dinitrotoluene | 245 | 0 | 0 | mg/kg | 0.056 | 76 | -- | -- |
| SVOC | 606-20-2 | 2,6-Dinitrotoluene | 245 | 0 | 0 | mg/kg | 0.053 | 83 | -- | -- |
| SVOC | 91-58-7 | 2-Chloronaphthalene | 245 | 0 | 0 | mg/kg | 0.097 | 49 | -- | -- |
| SVOC | 95-57-8 | 2-Chlorophenol | 245 | 0 | 0 | mg/kg | 0.1 | 68 | -- | -- |
| SVOC | 91-57-6 | 2-Methylnaphthalene | 245 | 134 | 55 | mg/kg | 0.0006 | 47 | 0.0007 | 85 |
| SVOC | 95-48-7 | 2-Methylphenol | 245 | 0 | 0 | mg/kg | 0.068 | 70 | -- | -- |
| SVOC | 88-74-4 | 2-Nitroaniline | 245 | 0 | 0 | mg/kg | 0.047 | 82 | -- | -- |

**Table 1b**
**Statistical Summary of Soil Matrix Data - Streets**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| SVOC | 88-75-5 | 2-Nitrophenol | 245 | 0 | 0 | mg/kg | 0.063 | 64 | -- | -- |
| SVOC | 91-94-1 | 3,3'-Dichlorobenzidine | 245 | 0 | 0 | mg/kg | 1.1 | 540 | -- | -- |
| SVOC | 99-09-2 | 3-Nitroaniline | 245 | 0 | 0 | mg/kg | 0.054 | 79 | -- | -- |
| SVOC | 534-52-1 | 4,6-Dinitro-2-Methylphenol | 245 | 0 | 0 | mg/kg | 0.99 | 790 | -- | -- |
| SVOC | 101-55-3 | 4-Bromophenyl-Phenyl Ether | 245 | 0 | 0 | mg/kg | 0.094 | 50 | -- | -- |
| SVOC | 59-50-7 | 4-Chloro-3-Methylphenol | 245 | 0 | 0 | mg/kg | 0.059 | 76 | -- | -- |
| SVOC | 106-47-8 | 4-Chloroaniline | 245 | 0 | 0 | mg/kg | 0.061 | 62 | -- | -- |
| SVOC | 7005-72-3 | 4-Chlorophenyl-Phenyl Ether | 245 | 0 | 0 | mg/kg | 0.1 | 52 | -- | -- |
| SVOC | 100-01-6 | 4-Nitroaniline | 245 | 0 | 0 | mg/kg | 0.051 | 70 | -- | -- |
| SVOC | 100-02-7 | 4-Nitrophenol | 245 | 0 | 0 | mg/kg | 0.051 | 79 | -- | -- |
| SVOC | 83-32-9 | Acenaphthene | 245 | 81 | 33 | mg/kg | 0.0009 | 49 | 0.0015 | 3.5 |
| SVOC | 208-96-8 | Acenaphthylene | 245 | 10 | 4.1 | mg/kg | 0.0006 | 64 | 0.0009 | 0.56 |
| SVOC | 62-53-3 | Aniline | 245 | 0 | 0 | mg/kg | 0.056 | 56 | -- | -- |
| SVOC | 120-12-7 | Anthracene | 245 | 63 | 26 | mg/kg | 0.0004 | 57 | 0.00056 | 3.1 |
| SVOC | 103-33-3 | Azobenzene | 245 | 0 | 0 | mg/kg | 0.1 | 54 | -- | -- |
| SVOC | 92-87-5 | Benzidine | 245 | 0 | 0 | mg/kg | 0.93 | 460 | -- | -- |
| SVOC | 56-55-3 | Benzo (a) Anthracene | 245 | 88 | 36 | mg/kg | 0.00065 | 95 | 0.0007 | 9.7 |
| SVOC | 50-32-8 | Benzo (a) Pyrene | 245 | 71 | 29 | mg/kg | 0.0005 | 43 | 0.0009 | 6.2 |
| SVOC | 205-99-2 | Benzo (b) Fluoranthene | 245 | 63 | 26 | mg/kg | 0.00035 | 42 | 0.00076 | 3.2 |
| SVOC | 191-24-2 | Benzo (g,h,i) Perylene | 245 | 65 | 27 | mg/kg | 0.0008 | 45 | 0.0014 | 3.3 |
| SVOC | 207-08-9 | Benzo (k) Fluoranthene | 245 | 10 | 4.1 | mg/kg | 0.0007 | 55 | 0.00076 | 0.27 |
| SVOC | 65-85-0 | Benzoic Acid | 245 | 0 | 0 | mg/kg | 0.56 | 390 | -- | -- |
| SVOC | 100-51-6 | Benzyl Alcohol | 245 | 0 | 0 | mg/kg | 0.054 | 77 | -- | -- |
| SVOC | 111-91-1 | Bis(2-Chloroethoxy) Methane | 245 | 0 | 0 | mg/kg | 0.082 | 62 | -- | -- |
| SVOC | 111-44-4 | Bis(2-Chloroethyl) Ether | 245 | 0 | 0 | mg/kg | 0.1 | 57 | -- | -- |
| SVOC | 108-60-1 | Bis(2-Chloroisopropyl) Ether | 245 | 0 | 0 | mg/kg | 0.092 | 60 | -- | -- |
| SVOC | 117-81-7 | Bis(2-Ethylhexyl) Phthalate | 245 | 0 | 0 | mg/kg | 0.096 | 48 | -- | -- |
| SVOC | 218-01-9 | Chrysene | 245 | 108 | 44 | mg/kg | 0.0012 | 2.2 | 0.0016 | 72 |
| SVOC | 53-70-3 | Dibenz (a,h) Anthracene | 245 | 13 | 5.3 | mg/kg | 0.00052 | 45 | 0.00082 | 0.11 |
| SVOC | 132-64-9 | Dibenzofuran | 245 | 0 | 0 | mg/kg | 0.097 | 58 | -- | -- |

**Table 1b**
**Statistical Summary of Soil Matrix Data - Streets**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| SVOC | 84-66-2 | Diethyl Phthalate | 245 | 1 | 0.41 | mg/kg | 0.06 | 79 | 0.12 | 0.12 |
| SVOC | 131-11-3 | Dimethyl Phthalate | 245 | 11 | 4.5 | mg/kg | 0.051 | 90 | 0.1 | 2.7 |
| SVOC | 84-74-2 | Di-n-Butyl Phthalate | 245 | 0 | 0 | mg/kg | 0.096 | 48 | -- | -- |
| SVOC | 117-84-0 | Di-n-Octyl Phthalate | 245 | 0 | 0 | mg/kg | 0.083 | 42 | -- | -- |
| SVOC | 206-44-0 | Fluoranthene | 245 | 84 | 34 | mg/kg | 0.00049 | 54 | 0.0005 | 6.5 |
| SVOC | 86-73-7 | Fluorene | 245 | 87 | 36 | mg/kg | 0.00073 | 53 | 0.0014 | 5.5 |
| SVOC | 87-68-3 | Hexachloro-1,3-Butadiene | 245 | 0 | 0 | ug/kg | 88 | 50000 | -- | -- |
| SVOC | 118-74-1 | Hexachlorobenzene | 245 | 0 | 0 | mg/kg | 0.1 | 52 | -- | -- |
| SVOC | 77-47-4 | Hexachlorocyclopentadiene | 245 | 0 | 0 | mg/kg | 0.7 | 350 | -- | -- |
| SVOC | 67-72-1 | Hexachloroethane | 245 | 0 | 0 | mg/kg | 0.096 | 54 | -- | -- |
| SVOC | 193-39-5 | Indeno (1,2,3-c,d) Pyrene | 245 | 30 | 12 | mg/kg | 0.00053 | 49 | 0.0011 | 1.8 |
| SVOC | 78-59-1 | Isophorone | 245 | 0 | 0 | mg/kg | 0.053 | 59 | -- | -- |
| SVOC | 62-75-9 | N-Nitrosodimethylamine | 245 | 0 | 0 | mg/kg | 0.091 | 58 | -- | -- |
| SVOC | 621-64-7 | N-Nitroso-di-n-propylamine | 245 | 0 | 0 | mg/kg | 0.082 | 58 | -- | -- |
| SVOC | 86-30-6 | N-Nitrosodiphenylamine | 245 | 0 | 0 | mg/kg | 0.074 | 59 | -- | -- |
| SVOC | 87-86-5 | Pentachlorophenol | 245 | 0 | 0 | mg/kg | 0.88 | 640 | -- | -- |
| SVOC | 85-01-8 | Phenanthrene | 245 | 127 | 52 | mg/kg | 0.00095 | 58 | 0.001 | 71 |
| SVOC | 108-95-2 | Phenol | 245 | 0 | 0 | mg/kg | 0.079 | 71 | -- | -- |
| SVOC | 129-00-0 | Pyrene | 245 | 120 | 49 | mg/kg | 0.0008 | 2.1 | 0.0011 | 120 |
| SVOC | 110-86-1 | Pyridine | 245 | 0 | 0 | mg/kg | 0.082 | 170 | -- | -- |
| VOC | 630-20-6 | 1,1,1,2-Tetrachloroethane | 247 | 0 | 0 | ug/kg | 0.18 | 1500 | -- | -- |
| VOC | 71-55-6 | 1,1,1-Trichloroethane | 247 | 0 | 0 | ug/kg | 0.16 | 1100 | -- | -- |
| VOC | 79-34-5 | 1,1,2,2-Tetrachloroethane | 247 | 0 | 0 | ug/kg | 0.17 | 1000 | -- | -- |
| VOC | 79-00-5 | 1,1,2-Trichloroethane | 247 | 0 | 0 | ug/kg | 0.17 | 1100 | -- | -- |
| VOC | 75-34-3 | 1,1-Dichloroethane | 247 | 0 | 0 | ug/kg | 0.11 | 700 | -- | -- |
| VOC | 75-35-4 | 1,1-Dichloroethene | 247 | 0 | 0 | ug/kg | 0.1 | 620 | -- | -- |
| VOC | 563-58-6 | 1,1-Dichloropropene | 247 | 0 | 0 | ug/kg | 0.16 | 980 | -- | -- |
| VOC | 96-18-4 | 1,2,3-Trichloropropane | 247 | 1 | 0.40 | ug/kg | 0.47 | 2900 | 130 | 130 |
| VOC | 95-63-6 | 1,2,4-Trimethylbenzene | 247 | 127 | 51 | ug/kg | 0.084 | 99 | 0.13 | 84000 |
| VOC | 96-12-8 | 1,2-Dibromo-3-Chloropropane | 247 | 0 | 0 | ug/kg | 1.3 | 16000 | -- | -- |

**Table 1b**
**Statistical Summary of Soil Matrix Data - Streets**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| VOC | 106-93-4 | 1,2-Dibromoethane (EDB) | 247 | 1 | 0.40 | ug/kg | 0.19 | 2000 | 950 | 950 |
| VOC | 107-06-2 | 1,2-Dichloroethane | 247 | 0 | 0 | ug/kg | 0.12 | 750 | -- | -- |
| VOC | 78-87-5 | 1,2-Dichloropropane | 247 | 0 | 0 | ug/kg | 0.19 | 1200 | -- | -- |
| VOC | 108-67-8 | 1,3,5-Trimethylbenzene | 247 | 84 | 34 | ug/kg | 0.071 | 440 | 0.089 | 31000 |
| VOC | 142-28-9 | 1,3-Dichloropropane | 247 | 0 | 0 | ug/kg | 0.13 | 780 | -- | -- |
| VOC | 594-20-7 | 2,2-Dichloropropane | 247 | 0 | 0 | ug/kg | 0.24 | 2000 | -- | -- |
| VOC | 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | 247 | 19 | 7.7 | ug/kg | 2.8 | 42000 | 3 | 44 |
| VOC | 95-49-8 | 2-Chlorotoluene | 247 | 1 | 0.40 | ug/kg | 0.084 | 520 | 180 | 180 |
| VOC | 591-78-6 | 2-Hexanone | 247 | 0 | 0 | ug/kg | 1.3 | 25000 | -- | -- |
| VOC | 106-43-4 | 4-Chlorotoluene | 247 | 0 | 0 | ug/kg | 0.075 | 460 | -- | -- |
| VOC | 108-10-1 | 4-Methyl-2-Pentanone | 247 | 0 | 0 | ug/kg | 1.5 | 9000 | -- | -- |
| VOC | 67-64-1 | Acetone | 247 | 92 | 37 | ug/kg | 4.6 | 28000 | 5.3 | 670 |
| VOC | 71-43-2 | Benzene | 247 | 143 | 58 | ug/kg | 0.095 | 600 | 0.11 | 33000 |
| VOC | 108-86-1 | Bromobenzene | 247 | 0 | 0 | ug/kg | 0.15 | 930 | -- | -- |
| VOC | 74-97-5 | Bromochloromethane | 247 | 0 | 0 | ug/kg | 0.5 | 6100 | -- | -- |
| VOC | 75-27-4 | Bromodichloromethane | 247 | 2 | 0.81 | ug/kg | 0.11 | 650 | 660 | 1300 |
| VOC | 75-25-2 | Bromoform | 247 | 0 | 0 | ug/kg | 0.48 | 2900 | -- | -- |
| VOC | 74-83-9 | Bromomethane | 247 | 5 | 2.0 | ug/kg | 1.3 | 8200 | 230 | 490 |
| VOC | 75-15-0 | Carbon Disulfide | 247 | 64 | 26 | ug/kg | 0.13 | 780 | 0.15 | 42 |
| VOC | 56-23-5 | Carbon Tetrachloride | 247 | 0 | 0 | ug/kg | 0.21 | 1400 | -- | -- |
| VOC | 108-90-7 | Chlorobenzene | 247 | 2 | 0.81 | ug/kg | 0.11 | 660 | 81 | 150 |
| VOC | 75-00-3 | Chloroethane | 247 | 0 | 0 | ug/kg | 0.3 | 1800 | -- | -- |
| VOC | 67-66-3 | Chloroform | 247 | 1 | 0.40 | ug/kg | 0.12 | 760 | 0.15 | 0.15 |
| VOC | 74-87-3 | Chloromethane | 247 | 3 | 1.2 | ug/kg | 0.22 | 13000 | 0.3 | 30 |
| VOC | 156-59-2 | cis-1,2-Dichloroethene | 247 | 2 | 0.81 | ug/kg | 0.2 | 1300 | 0.56 | 1 |
| VOC | 10061-01-5 | cis-1,3-Dichloropropene | 247 | 0 | 0 | ug/kg | 0.13 | 810 | -- | -- |
| VOC | 98-82-8 | Cumene (Isopropylbenzene) | 247 | 129 | 52 | ug/kg | 0.086 | 100 | 0.11 | 16000 |
| VOC | 124-48-1 | Dibromochloromethane | 247 | 0 | 0 | ug/kg | 0.14 | 880 | -- | -- |
| VOC | 74-95-3 | Dibromomethane | 247 | 0 | 0 | ug/kg | 0.51 | 3100 | -- | -- |
| VOC | 108-20-3 | Diisopropyl Ether (DIPE) | 247 | 0 | 0 | ug/kg | 0.18 | 1100 | -- | -- |

**Table 1b**
**Statistical Summary of Soil Matrix Data - Streets**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| VOC | 100-41-4 | Ethylbenzene | 247 | 148 | 60 | ug/kg | 0.11 | 48 | 0.14 | 42000 |
| VOC | 637-92-3 | Ethyl-t-Butyl Ether (ETBE) | 247 | 0 | 0 | ug/kg | 0.16 | 950 | -- | -- |
| VOC | 75-69-4 | Freon 11 | 247 | 0 | 0 | ug/kg | 0.11 | 690 | -- | -- |
| VOC | 75-71-8 | Freon 12 | 247 | 0 | 0 | ug/kg | 0.14 | 860 | -- | -- |
| VOC | 75-09-2 | Methylene Chloride | 247 | 2 | 0.81 | ug/kg | 0.98 | 23000 | 2.8 | 230 |
| VOC | 1634-04-4 | Methyl-tert-Butyl Ether | 247 | 7 | 2.8 | ug/kg | 0.096 | 590 | 0.12 | 2.6 |
| VOC | 104-51-8 | n-Butylbenzene | 247 | 140 | 57 | ug/kg | 0.11 | 36 | 0.13 | 13000 |
| VOC | 99-87-6 | p-Isopropyltoluene | 247 | 115 | 47 | ug/kg | 0.083 | 98 | 0.11 | 12000 |
| VOC | 103-65-1 | Propylbenzene | 247 | 110 | 45 | ug/kg | 0.37 | 880 | 0.76 | 24000 |
| VOC | 135-98-8 | sec-Butylbenzene | 247 | 137 | 55 | ug/kg | 0.078 | 88 | 0.14 | 9800 |
| VOC | 100-42-5 | Styrene | 247 | 3 | 1.2 | ug/kg | 0.15 | 910 | 0.27 | 78 |
| VOC | 994-05-8 | tert-Amyl-Methyl Ether (TAME) | 247 | 0 | 0 | ug/kg | 0.094 | 580 | -- | -- |
| VOC | 75-65-0 | tert-Butyl Alcohol (TBA) | 247 | 9 | 3.6 | ug/kg | 3.8 | 68000 | 6.5 | 200 |
| VOC | 98-06-6 | tert-Butylbenzene | 247 | 57 | 23 | ug/kg | 0.089 | 550 | 0.11 | 350 |
| VOC | 127-18-4 | Tetrachloroethene | 247 | 2 | 0.81 | ug/kg | 0.12 | 750 | 16 | 29 |
| VOC | 108-88-3 | Toluene | 247 | 51 | 21 | ug/kg | 0.11 | 660 | 0.14 | 12000 |
| VOC | 156-60-5 | trans-1,2-Dichloroethene | 247 | 0 | 0 | ug/kg | 0.18 | 1100 | -- | -- |
| VOC | 10061-02-6 | trans-1,3-Dichloropropene | 247 | 0 | 0 | ug/kg | 0.44 | 8400 | -- | -- |
| VOC | 79-01-6 | Trichloroethene | 247 | 0 | 0 | ug/kg | 0.13 | 800 | -- | -- |
| VOC | 108-05-4 | Vinyl Acetate | 247 | 1 | 0.40 | ug/kg | 3.5 | 33000 | 9200 | 9200 |
| VOC | 75-01-4 | Vinyl Chloride | 247 | 0 | 0 | ug/kg | 0.16 | 950 | -- | -- |
| VOC | 1330-20-7 | Xylenes, Total | 247 | 121 | 49 | ug/kg | 0.15 | 170 | 0.17 | 140000 |

Notes:
-- not applicable; DL = detection limit

**Table 2a**

**Statistical Summary of Soil Vapor Data - Residential Properties**

Former Kast Property

| Matrix | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| Soil Vapor, Sub-Slab | 71-55-6 | 1,1,1-Trichloroethane | 2375 | 42 | 1.8 | µg/m$^3$ | 0.21 | 260 | 1.8 | 100 |
| Soil Vapor, Sub-Slab | 79-34-5 | 1,1,2,2-Tetrachloroethane | 2375 | 0 | 0 | µg/m$^3$ | 0.12 | 210 | -- | -- |
| Soil Vapor, Sub-Slab | 79-00-5 | 1,1,2-Trichloroethane | 2375 | 0 | 0 | µg/m$^3$ | 0.23 | 460 | -- | -- |
| Soil Vapor, Sub-Slab | 75-34-3 | 1,1-Dichloroethane | 2375 | 0 | 0 | µg/m$^3$ | 0.23 | 230 | -- | -- |
| Soil Vapor, Sub-Slab | 75-35-4 | 1,1-Dichloroethene | 2375 | 1 | 0.04 | µg/m$^3$ | 0.37 | 370 | 18 | 18 |
| Soil Vapor, Sub-Slab | 120-82-1 | 1,2,4-Trichlorobenzene | 2375 | 1 | 0.04 | µg/m$^3$ | 0.59 | 1100 | 1300 | 1300 |
| Soil Vapor, Sub-Slab | 95-63-6 | 1,2,4-Trimethylbenzene | 2375 | 65 | 2.7 | µg/m$^3$ | 0.12 | 280 | 2.7 | 2200 |
| Soil Vapor, Sub-Slab | 106-93-4 | 1,2-Dibromoethane (EDB) | 2375 | 0 | 0 | µg/m$^3$ | 0.19 | 500 | -- | -- |
| Soil Vapor, Sub-Slab | 95-50-1 | 1,2-Dichlorobenzene | 2375 | 8 | 0.30 | µg/m$^3$ | 0.17 | 460 | 5.4 | 780 |
| Soil Vapor, Sub-Slab | 107-06-2 | 1,2-Dichloroethane | 2375 | 4 | 0.20 | µg/m$^3$ | 0.22 | 210 | 4.5 | 47 |
| Soil Vapor, Sub-Slab | 78-87-5 | 1,2-Dichloropropane | 2375 | 5 | 0.20 | µg/m$^3$ | 0.38 | 260 | 5.2 | 22 |
| Soil Vapor, Sub-Slab | 108-67-8 | 1,3,5-Trimethylbenzene | 2375 | 21 | 0.90 | µg/m$^3$ | 0.14 | 550 | 5.3 | 1000 |
| Soil Vapor, Sub-Slab | 106-99-0 | 1,3-Butadiene | 2375 | 1 | 0.04 | µg/m$^3$ | 0.15 | 360 | 2.2 | 2.2 |
| Soil Vapor, Sub-Slab | 541-73-1 | 1,3-Dichlorobenzene | 2375 | 1 | 0.04 | µg/m$^3$ | 0.085 | 300 | 36 | 36 |
| Soil Vapor, Sub-Slab | 106-46-7 | 1,4-Dichlorobenzene | 2375 | 8 | 0.30 | µg/m$^3$ | 0.18 | 150 | 2 | 110 |
| Soil Vapor, Sub-Slab | 123-91-1 | 1,4-Dioxane | 2375 | 32 | 1.3 | µg/m$^3$ | 0.25 | 2400 | 1.6 | 200 |
| Soil Vapor, Sub-Slab | 540-84-1 | 2,2,4-Trimethylpentane | 2375 | 40 | 1.7 | µg/m$^3$ | 0.19 | 87 | 2 | 140000 |
| Soil Vapor, Sub-Slab | 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | 2375 | 445 | 19 | µg/m$^3$ | 0.5 | 790 | 2.7 | 210 |
| Soil Vapor, Sub-Slab | 591-78-6 | 2-Hexanone | 2375 | 22 | 0.90 | µg/m$^3$ | 0.37 | 680 | 0.68 | 360 |
| Soil Vapor, Sub-Slab | 107-05-1 | 3-Chloropropene | 2375 | 0 | 0 | µg/m$^3$ | 0.32 | 990 | -- | -- |
| Soil Vapor, Sub-Slab | 622-96-8 | 4-Ethyltoluene | 2375 | 40 | 1.7 | µg/m$^3$ | 0.14 | 370 | 5.4 | 1300 |
| Soil Vapor, Sub-Slab | 108-10-1 | 4-Methyl-2-Pentanone | 2375 | 4 | 0.20 | µg/m$^3$ | 0.09 | 270 | 3.8 | 14 |
| Soil Vapor, Sub-Slab | 67-64-1 | Acetone | 2375 | 1303 | 55 | µg/m$^3$ | 1 | 410 | 8.2 | 6100 |
| Soil Vapor, Sub-Slab | BZLCL | alpha-Chlorotoluene | 2375 | 0 | 0 | µg/m$^3$ | 0.14 | 360 | -- | -- |
| Soil Vapor, Sub-Slab | 71-43-2 | Benzene | 2375 | 192 | 8.1 | µg/m$^3$ | 0.2 | 51 | 0.53 | 62000 |
| Soil Vapor, Sub-Slab | 75-27-4 | Bromodichloromethane | 2375 | 33 | 1.4 | µg/m$^3$ | 0.2 | 470 | 0.92 | 370 |
| Soil Vapor, Sub-Slab | 75-25-2 | Bromoform | 2375 | 2 | 0.10 | µg/m$^3$ | 0.11 | 950 | 2.2 | 3.1 |
| Soil Vapor, Sub-Slab | 74-83-9 | Bromomethane | 2332 | 33 | 1.4 | µg/m$^3$ | 0.28 | 860 | 4.5 | 95 |
| Soil Vapor, Sub-Slab | C10C12ALIPH | C10-C12 Aliphatics | 2370 | 50 | 2.1 | µg/m$^3$ | 94 | 48000 | 110 | 59000 |
| Soil Vapor, Sub-Slab | C10C12AROM | C10-C12 Aromatics | 2370 | 16 | 0.70 | µg/m$^3$ | 74 | 38000 | 140 | 3400 |

**Table 2a**

**Statistical Summary of Soil Vapor Data - Residential Properties**

Former Kast Property

| Matrix | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| Soil Vapor, Sub-Slab | C5C6ALIPH | C5-C6 Aliphatics | 2370 | 44 | 1.9 | µg/m$^3$ | 44 | 1400 | 58 | 380000 |
| Soil Vapor, Sub-Slab | C6C8ALIPH | C6-C8 Aliphatics | 2370 | 63 | 2.7 | µg/m$^3$ | 55 | 1800 | 100 | 1600000 |
| Soil Vapor, Sub-Slab | C8C10ALIPH | C8-C10 Aliphatics | 2370 | 58 | 2.4 | µg/m$^3$ | 78 | 2600 | 120 | 210000 |
| Soil Vapor, Sub-Slab | C8C10AROM | C8-C10 Aromatics | 2370 | 23 | 1.0 | µg/m$^3$ | 66 | 34000 | 120 | 19000 |
| Soil Vapor, Sub-Slab | 75-15-0 | Carbon Disulfide | 2375 | 122 | 5.1 | µg/m$^3$ | 0.22 | 600 | 0.69 | 230 |
| Soil Vapor, Sub-Slab | 56-23-5 | Carbon Tetrachloride | 2375 | 8 | 0.30 | µg/m$^3$ | 0.39 | 610 | 2.2 | 440 |
| Soil Vapor, Sub-Slab | 108-90-7 | Chlorobenzene | 2375 | 2 | 0.10 | µg/m$^3$ | 0.18 | 280 | 2.4 | 48 |
| Soil Vapor, Sub-Slab | 75-00-3 | Chloroethane | 2375 | 3 | 0.10 | µg/m$^3$ | 0.29 | 680 | 3.8 | 66 |
| Soil Vapor, Sub-Slab | 67-66-3 | Chloroform | 2375 | 371 | 16 | µg/m$^3$ | 0.27 | 880 | 1.5 | 12000 |
| Soil Vapor, Sub-Slab | 74-87-3 | Chloromethane | 2375 | 16 | 0.70 | µg/m$^3$ | 0.29 | 1300 | 9.7 | 200 |
| Soil Vapor, Sub-Slab | 156-59-2 | cis-1,2-Dichloroethene | 2375 | 9 | 0.40 | µg/m$^3$ | 0.28 | 600 | 4.2 | 130 |
| Soil Vapor, Sub-Slab | 10061-01-5 | cis-1,3-Dichloropropene | 2375 | 0 | 0 | µg/m$^3$ | 0.29 | 320 | -- | -- |
| Soil Vapor, Sub-Slab | 98-82-8 | Cumene (Isopropylbenzene) | 2375 | 47 | 2.0 | µg/m$^3$ | 0.3 | 240 | 0.75 | 100 |
| Soil Vapor, Sub-Slab | 110-82-7 | Cyclohexane | 2375 | 45 | 1.9 | µg/m$^3$ | 0.24 | 18 | 2.5 | 14000 |
| Soil Vapor, Sub-Slab | 124-48-1 | Dibromochloromethane | 2375 | 8 | 0.30 | µg/m$^3$ | 0.15 | 580 | 0.75 | 110 |
| Soil Vapor, Sub-Slab | 64-17-5 | Ethanol | 2375 | 482 | 20 | µg/m$^3$ | 0.26 | 800 | 3 | 1600 |
| Soil Vapor, Sub-Slab | 100-41-4 | Ethylbenzene | 2375 | 48 | 2.0 | µg/m$^3$ | 0.21 | 120 | 4.2 | 5300 |
| Soil Vapor, Sub-Slab | 75-69-4 | Freon 11 | 2375 | 43 | 1.8 | µg/m$^3$ | 0.16 | 300 | 1.1 | 72 |
| Soil Vapor, Sub-Slab | 76-13-1 | Freon 113 | 2375 | 29 | 1.2 | µg/m$^3$ | 0.3 | 530 | 1.7 | 150 |
| Soil Vapor, Sub-Slab | 76-14-2 | Freon 114 | 2375 | 1 | 0.04 | µg/m$^3$ | 0.29 | 290 | 27 | 27 |
| Soil Vapor, Sub-Slab | 75-71-8 | Freon 12 | 2375 | 187 | 7.9 | µg/m$^3$ | 0.14 | 240 | 1.8 | 120 |
| Soil Vapor, Sub-Slab | 142-82-5 | Heptane | 2375 | 71 | 3.0 | µg/m$^3$ | 0.35 | 64 | 2.3 | 3500 |
| Soil Vapor, Sub-Slab | 87-68-3 | Hexachloro-1,3-Butadiene | 2375 | 0 | 0 | µg/m$^3$ | 0.46 | 1300 | -- | -- |
| Soil Vapor, Sub-Slab | 110-54-3 | Hexane | 2375 | 96 | 4.0 | µg/m$^3$ | 0.22 | 100 | 1.7 | 7500 |
| Soil Vapor, Sub-Slab | 67-63-0 | Isopropanol | 2375 | 142 | 6.0 | µg/m$^3$ | 0.51 | 740 | 0.95 | 17000 |
| Soil Vapor, Sub-Slab | 74-82-8 | Methane | 2373 | 161 | 6.8 | MOL % | 0.00001 | 0.15 | 0.00016 | 23 |
| Soil Vapor, Sub-Slab | 75-09-2 | Methylene Chloride | 2375 | 40 | 1.7 | µg/m$^3$ | 0.27 | 190 | 1.8 | 28000 |
| Soil Vapor, Sub-Slab | 1634-04-4 | Methyl-tert-Butyl Ether | 2375 | 6 | 0.30 | µg/m$^3$ | 0.17 | 200 | 10 | 440 |
| Soil Vapor, Sub-Slab | 91-20-3 | Naphthalene | 2375 | 1316 | 55 | µg/m$^3$ | 0.27 | 620 | 0.3 | 260 |
| Soil Vapor, Sub-Slab | 95-47-6 | o-Xylene | 2375 | 36 | 1.5 | µg/m$^3$ | 0.11 | 340 | 4.6 | 190 |

**Table 2a**

**Statistical Summary of Soil Vapor Data - Residential Properties**

Former Kast Property

| Matrix | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| Soil Vapor, Sub-Slab | 1330-20-7-1 | p/m-Xylene | 2375 | 78 | 3.3 | µg/m$^3$ | 0.22 | 110 | 3.7 | 5200 |
| Soil Vapor, Sub-Slab | 103-65-1 | Propylbenzene | 2375 | 16 | 0.70 | µg/m$^3$ | 0.13 | 230 | 4.5 | 280 |
| Soil Vapor, Sub-Slab | 100-42-5 | Styrene | 2375 | 2 | 0.10 | µg/m$^3$ | 0.15 | 220 | 5.8 | 20 |
| Soil Vapor, Sub-Slab | 127-18-4 | Tetrachloroethene | 2375 | 207 | 8.7 | µg/m$^3$ | 0.33 | 300 | 1.8 | 950 |
| Soil Vapor, Sub-Slab | 109-99-9 | Tetrahydrofuran | 2375 | 35 | 1.5 | µg/m$^3$ | 0.22 | 240 | 2.2 | 77 |
| Soil Vapor, Sub-Slab | 108-88-3 | Toluene | 2375 | 214 | 9.0 | µg/m$^3$ | 0.17 | 67 | 1.6 | 1800 |
| Soil Vapor, Sub-Slab | 156-60-5 | trans-1,2-Dichloroethene | 2375 | 2 | 0.10 | µg/m$^3$ | 0.32 | 520 | 6.2 | 12 |
| Soil Vapor, Sub-Slab | 10061-02-6 | trans-1,3-Dichloropropene | 2375 | 2 | 0.10 | µg/m$^3$ | 0.13 | 170 | 7.4 | 8.4 |
| Soil Vapor, Sub-Slab | 79-01-6 | Trichloroethene | 2375 | 32 | 1.3 | µg/m$^3$ | 0.26 | 430 | 2.1 | 720 |
| Soil Vapor, Sub-Slab | 75-01-4 | Vinyl Chloride | 2375 | 1 | 0.04 | µg/m$^3$ | 0.17 | 380 | 27 | 27 |
| Soil Vapor, Non-Sub-Slab | 71-55-6 | 1,1,1-Trichloroethane | 208 | 1 | 0.50 | µg/m$^3$ | 0.3 | 9800 | 6.2 | 6.2 |
| Soil Vapor, Non-Sub-Slab | 79-34-5 | 1,1,2,2-Tetrachloroethane | 208 | 1 | 0.50 | µg/m$^3$ | 0.64 | 13000 | 9000 | 9000 |
| Soil Vapor, Non-Sub-Slab | 79-00-5 | 1,1,2-Trichloroethane | 208 | 1 | 0.50 | µg/m$^3$ | 0.38 | 12000 | 7.1 | 7.1 |
| Soil Vapor, Non-Sub-Slab | 75-34-3 | 1,1-Dichloroethane | 208 | 1 | 0.50 | µg/m$^3$ | 0.26 | 7500 | 200 | 200 |
| Soil Vapor, Non-Sub-Slab | 75-35-4 | 1,1-Dichloroethene | 208 | 1 | 0.50 | µg/m$^3$ | 0.57 | 7900 | 1.8 | 1.8 |
| Soil Vapor, Non-Sub-Slab | 75-37-6 | 1,1-Difluoroethane | 74 | 2 | 2.7 | µg/m$^3$ | 2.3 | 27000 | 13 | 15 |
| Soil Vapor, Non-Sub-Slab | 120-82-1 | 1,2,4-Trichlorobenzene | 208 | 0 | 0 | µg/m$^3$ | 1.7 | 97000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 95-63-6 | 1,2,4-Trimethylbenzene | 208 | 97 | 47 | µg/m$^3$ | 0.31 | 6800 | 3.2 | 990000 |
| Soil Vapor, Non-Sub-Slab | 106-93-4 | 1,2-Dibromoethane (EDB) | 208 | 0 | 0 | µg/m$^3$ | 0.6 | 15000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 95-50-1 | 1,2-Dichlorobenzene | 208 | 0 | 0 | µg/m$^3$ | 0.55 | 12000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 107-06-2 | 1,2-Dichloroethane | 208 | 6 | 2.9 | µg/m$^3$ | 0.39 | 6900 | 1.7 | 1700 |
| Soil Vapor, Non-Sub-Slab | 78-87-5 | 1,2-Dichloropropane | 208 | 0 | 0 | µg/m$^3$ | 0.44 | 9500 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 108-67-8 | 1,3,5-Trimethylbenzene | 208 | 60 | 29 | µg/m$^3$ | 0.44 | 3500 | 3.7 | 450000 |
| Soil Vapor, Non-Sub-Slab | 106-99-0 | 1,3-Butadiene | 135 | 0 | 0 | µg/m$^3$ | 0.26 | 1000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 541-73-1 | 1,3-Dichlorobenzene | 208 | 0 | 0 | µg/m$^3$ | 0.52 | 14000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 106-46-7 | 1,4-Dichlorobenzene | 208 | 1 | 0.50 | µg/m$^3$ | 0.48 | 15000 | 170 | 170 |
| Soil Vapor, Non-Sub-Slab | 123-91-1 | 1,4-Dioxane | 135 | 0 | 0 | µg/m$^3$ | 0.87 | 1500 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 540-84-1 | 2,2,4-Trimethylpentane | 135 | 3 | 2.2 | µg/m$^3$ | 0.28 | 560 | 8 | 14 |
| Soil Vapor, Non-Sub-Slab | 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | 208 | 77 | 37 | µg/m$^3$ | 0.6 | 1600 | 3.2 | 160000 |
| Soil Vapor, Non-Sub-Slab | 591-78-6 | 2-Hexanone | 208 | 10 | 4.8 | µg/m$^3$ | 0.55 | 38000 | 3.6 | 16000 |

**Table 2a**

**Statistical Summary of Soil Vapor Data - Residential Properties**

Former Kast Property

| Matrix | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| Soil Vapor, Non-Sub-Slab | 107-05-1 | 3-Chloropropene | 135 | 0 | 0 | µg/m$^3$ | 0.58 | 3200 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 622-96-8 | 4-Ethyltoluene | 208 | 83 | 40 | µg/m$^3$ | 0.4 | 3800 | 1.9 | 440000 |
| Soil Vapor, Non-Sub-Slab | 108-10-1 | 4-Methyl-2-Pentanone | 208 | 9 | 4.3 | µg/m$^3$ | 0.095 | 11000 | 3.6 | 16 |
| Soil Vapor, Non-Sub-Slab | 67-64-1 | Acetone | 208 | 82 | 39 | µg/m$^3$ | 0.9 | 3000 | 18 | 240000 |
| Soil Vapor, Non-Sub-Slab | BZLCL | alpha-Chlorotoluene | 208 | 0 | 0 | µg/m$^3$ | 0.24 | 37000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 71-43-2 | Benzene | 208 | 161 | 77 | µg/m$^3$ | 0.29 | 83 | 3.4 | 3800000 |
| Soil Vapor, Non-Sub-Slab | 75-27-4 | Bromodichloromethane | 208 | 4 | 1.9 | µg/m$^3$ | 0.46 | 12000 | 2.3 | 12000 |
| Soil Vapor, Non-Sub-Slab | 75-25-2 | Bromoform | 208 | 0 | 0 | µg/m$^3$ | 0.73 | 29000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 74-83-9 | Bromomethane | 208 | 1 | 0.50 | µg/m$^3$ | 0.6 | 6500 | 1.4 | 1.4 |
| Soil Vapor, Non-Sub-Slab | C10C12ALIPH | C10-C12 Aliphatics | 7 | 1 | 14 | µg/m$^3$ | 160 | 210 | 360000 | 360000 |
| Soil Vapor, Non-Sub-Slab | C10C12AROM | C10-C12 Aromatics | 7 | 0 | 0 | µg/m$^3$ | 120 | 8600 | -- | -- |
| Soil Vapor, Non-Sub-Slab | C5C6ALIPH | C5-C6 Aliphatics | 7 | 2 | 29 | µg/m$^3$ | 75 | 78 | 110 | 550000 |
| Soil Vapor, Non-Sub-Slab | C6C8ALIPH | C6-C8 Aliphatics | 7 | 2 | 29 | µg/m$^3$ | 95 | 99 | 1000 | 3500000 |
| Soil Vapor, Non-Sub-Slab | C8C10ALIPH | C8-C10 Aliphatics | 7 | 2 | 29 | µg/m$^3$ | 130 | 140 | 400 | 2200000 |
| Soil Vapor, Non-Sub-Slab | C8C10AROM | C8-C10 Aromatics | 7 | 1 | 14 | µg/m$^3$ | 110 | 150 | 88000 | 88000 |
| Soil Vapor, Non-Sub-Slab | 75-15-0 | Carbon Disulfide | 208 | 89 | 43 | µg/m$^3$ | 0.5 | 1200 | 1.4 | 170000 |
| Soil Vapor, Non-Sub-Slab | 56-23-5 | Carbon Tetrachloride | 208 | 0 | 0 | µg/m$^3$ | 0.46 | 11000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 108-90-7 | Chlorobenzene | 208 | 1 | 0.50 | µg/m$^3$ | 0.18 | 9000 | 5.9 | 5.9 |
| Soil Vapor, Non-Sub-Slab | 75-00-3 | Chloroethane | 208 | 1 | 0.50 | µg/m$^3$ | 0.6 | 7400 | 6.7 | 6.7 |
| Soil Vapor, Non-Sub-Slab | 67-66-3 | Chloroform | 208 | 12 | 5.8 | µg/m$^3$ | 0.39 | 8000 | 3.6 | 370 |
| Soil Vapor, Non-Sub-Slab | 74-87-3 | Chloromethane | 208 | 12 | 5.8 | µg/m$^3$ | 0.3 | 3700 | 1 | 98 |
| Soil Vapor, Non-Sub-Slab | 156-59-2 | cis-1,2-Dichloroethene | 208 | 6 | 2.9 | µg/m$^3$ | 0.52 | 9500 | 2.7 | 690 |
| Soil Vapor, Non-Sub-Slab | 10061-01-5 | cis-1,3-Dichloropropene | 208 | 0 | 0 | µg/m$^3$ | 0.51 | 11000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 98-82-8 | Cumene (Isopropylbenzene) | 135 | 81 | 60 | µg/m$^3$ | 0.35 | 200 | 6.2 | 31000 |
| Soil Vapor, Non-Sub-Slab | 110-82-7 | Cyclohexane | 135 | 79 | 59 | µg/m$^3$ | 0.3 | 220 | 3.9 | 2700000 |
| Soil Vapor, Non-Sub-Slab | 124-48-1 | Dibromochloromethane | 208 | 0 | 0 | µg/m$^3$ | 0.63 | 17000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 108-20-3 | Diisopropyl Ether (DIPE) | 73 | 0 | 0 | µg/m$^3$ | 0.9 | 10000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 64-17-5 | Ethanol | 208 | 53 | 26 | µg/m$^3$ | 0.44 | 2500 | 1.4 | 54000 |
| Soil Vapor, Non-Sub-Slab | 100-41-4 | Ethylbenzene | 208 | 159 | 76 | µg/m$^3$ | 0.48 | 160 | 3.2 | 1800000 |
| Soil Vapor, Non-Sub-Slab | 637-92-3 | Ethyl-t-Butyl Ether (ETBE) | 73 | 0 | 0 | µg/m$^3$ | 2.1 | 25000 | -- | -- |

**Table 2a**

**Statistical Summary of Soil Vapor Data - Residential Properties**

Former Kast Property

| Matrix | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| Soil Vapor, Non-Sub-Slab | 75-69-4 | Freon 11 | 208 | 3 | 1.4 | µg/m$^3$ | 0.26 | 7900 | 2.5 | 19 |
| Soil Vapor, Non-Sub-Slab | 76-13-1 | Freon 113 | 208 | 2 | 1.0 | µg/m$^3$ | 0.67 | 14000 | 54 | 200 |
| Soil Vapor, Non-Sub-Slab | 76-14-2 | Freon 114 | 208 | 0 | 0 | µg/m$^3$ | 0.89 | 14000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 75-71-8 | Freon 12 | 208 | 9 | 4.3 | µg/m$^3$ | 0.23 | 13000 | 2.3 | 210 |
| Soil Vapor, Non-Sub-Slab | 142-82-5 | Heptane | 135 | 32 | 24 | µg/m$^3$ | 0.35 | 1300 | 16 | 1000000 |
| Soil Vapor, Non-Sub-Slab | 87-68-3 | Hexachloro-1,3-Butadiene | 208 | 3 | 1.4 | µg/m$^3$ | 2.2 | 35000 | 730 | 2000 |
| Soil Vapor, Non-Sub-Slab | 110-54-3 | Hexane | 135 | 41 | 30 | µg/m$^3$ | 0.28 | 850 | 3.1 | 1900000 |
| Soil Vapor, Non-Sub-Slab | 67-63-0 | Isopropanol | 208 | 49 | 24 | µg/m$^3$ | 0.83 | 960 | 9.8 | 450000 |
| Soil Vapor, Non-Sub-Slab | 74-82-8 | Methane | 207 | 136 | 66 | MOL % | 0.00001 | 0.261 | 0.0011 | 78 |
| Soil Vapor, Non-Sub-Slab | 75-09-2 | Methylene Chloride | 208 | 31 | 15 | µg/m$^3$ | 0.28 | 12000 | 2.3 | 7300 |
| Soil Vapor, Non-Sub-Slab | 1634-04-4 | Methyl-tert-Butyl Ether | 208 | 19 | 9.1 | µg/m$^3$ | 0.23 | 7800 | 1.2 | 2800 |
| Soil Vapor, Non-Sub-Slab | 91-20-3 | Naphthalene | 207 | 92 | 44 | µg/m$^3$ | 0.34 | 200000 | 0.5 | 7300 |
| Soil Vapor, Non-Sub-Slab | 95-47-6 | o-Xylene | 135 | 19 | 14 | µg/m$^3$ | 0.19 | 1300 | 5 | 21000 |
| Soil Vapor, Non-Sub-Slab | 1330-20-7-1 | p/m-Xylene | 135 | 49 | 36 | µg/m$^3$ | 0.38 | 820 | 4.4 | 170000 |
| Soil Vapor, Non-Sub-Slab | 103-65-1 | Propylbenzene | 135 | 78 | 58 | µg/m$^3$ | 0.3 | 180 | 9.5 | 37000 |
| Soil Vapor, Non-Sub-Slab | 100-42-5 | Styrene | 208 | 24 | 12 | µg/m$^3$ | 0.35 | 14000 | 2.1 | 5900 |
| Soil Vapor, Non-Sub-Slab | 994-05-8 | tert-Amyl-Methyl Ether (TAME) | 73 | 0 | 0 | µg/m$^3$ | 1.2 | 14000 | -- | -- |
| Soil Vapor, Non-Sub-Slab | 75-65-0 | tert-Butyl Alcohol (TBA) | 73 | 6 | 8.2 | µg/m$^3$ | 1.2 | 14000 | 5.4 | 140 |
| Soil Vapor, Non-Sub-Slab | 127-18-4 | Tetrachloroethene | 208 | 33 | 16 | µg/m$^3$ | 0.42 | 14000 | 3.7 | 5300 |
| Soil Vapor, Non-Sub-Slab | 109-99-9 | Tetrahydrofuran | 135 | 6 | 4.4 | µg/m$^3$ | 0.43 | 780 | 3.5 | 12 |
| Soil Vapor, Non-Sub-Slab | 108-88-3 | Toluene | 208 | 108 | 52 | µg/m$^3$ | 0.25 | 710 | 4.8 | 3700000 |
| Soil Vapor, Non-Sub-Slab | 156-60-5 | trans-1,2-Dichloroethene | 208 | 5 | 2.4 | µg/m$^3$ | 0.55 | 13000 | 4.6 | 5600 |
| Soil Vapor, Non-Sub-Slab | 10061-02-6 | trans-1,3-Dichloropropene | 208 | 1 | 0.50 | µg/m$^3$ | 0.42 | 8400 | 6.5 | 6.5 |
| Soil Vapor, Non-Sub-Slab | 79-01-6 | Trichloroethene | 208 | 7 | 3.4 | µg/m$^3$ | 0.5 | 10000 | 2 | 6600 |
| Soil Vapor, Non-Sub-Slab | 108-05-4 | Vinyl Acetate | 73 | 3 | 4.1 | µg/m$^3$ | 2.5 | 29000 | 2.6 | 5.1 |
| Soil Vapor, Non-Sub-Slab | 75-01-4 | Vinyl Chloride | 208 | 1 | 0.50 | µg/m$^3$ | 0.33 | 4700 | 4.6 | 4.6 |

Notes:
-- not applicable; DL = detection limit

**Table 2b**
**Statistical Summary of Soil Vapor Data - Streets**
Former Kast Property

| CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 196 | 1 | 0.50 | µg/m$^3$ | 0.3 | 9800 | 6.2 | 6.2 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 196 | 1 | 0.50 | µg/m$^3$ | 0.64 | 13000 | 9000 | 9000 |
| 79-00-5 | 1,1,2-Trichloroethane | 196 | 1 | 0.50 | µg/m$^3$ | 0.51 | 12000 | 7.1 | 7.1 |
| 75-34-3 | 1,1-Dichloroethane | 196 | 1 | 0.50 | µg/m$^3$ | 0.34 | 7500 | 200 | 200 |
| 75-35-4 | 1,1-Dichloroethene | 196 | 1 | 0.50 | µg/m$^3$ | 0.65 | 7900 | 1.8 | 1.8 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 196 | 0 | 0 | µg/m$^3$ | 1.9 | 97000 | -- | -- |
| 95-63-6 | 1,2,4-Trimethylbenzene | 196 | 96 | 49 | µg/m$^3$ | 0.31 | 6800 | 3.2 | 990000 |
| 106-93-4 | 1,2-Dibromoethane (EDB) | 196 | 0 | 0 | µg/m$^3$ | 0.6 | 15000 | -- | -- |
| 95-50-1 | 1,2-Dichlorobenzene | 196 | 0 | 0 | µg/m$^3$ | 0.65 | 12000 | -- | -- |
| 107-06-2 | 1,2-Dichloroethane | 196 | 6 | 3.1 | µg/m$^3$ | 0.39 | 6900 | 1.7 | 1700 |
| 78-87-5 | 1,2-Dichloropropane | 196 | 0 | 0 | µg/m$^3$ | 0.54 | 9500 | -- | -- |
| 108-67-8 | 1,3,5-Trimethylbenzene | 196 | 60 | 31 | µg/m$^3$ | 0.44 | 3500 | 3.7 | 450000 |
| 106-99-0 | 1,3-Butadiene | 123 | 0 | 0 | µg/m$^3$ | 0.36 | 1000 | -- | -- |
| 541-73-1 | 1,3-Dichlorobenzene | 196 | 0 | 0 | µg/m$^3$ | 0.52 | 14000 | -- | -- |
| 106-46-7 | 1,4-Dichlorobenzene | 196 | 1 | 0.50 | µg/m$^3$ | 0.48 | 15000 | 170 | 170 |
| 123-91-1 | 1,4-Dioxane | 123 | 0 | 0 | µg/m$^3$ | 1.3 | 1500 | -- | -- |
| 540-84-1 | 2,2,4-Trimethylpentane | 123 | 2 | 1.6 | µg/m$^3$ | 0.32 | 560 | 11 | 14 |
| 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | 196 | 68 | 35 | µg/m$^3$ | 0.6 | 1600 | 4.7 | 160000 |
| 591-78-6 | 2-Hexanone | 196 | 10 | 5.1 | µg/m$^3$ | 0.69 | 38000 | 3.6 | 16000 |
| 107-05-1 | 3-Chloropropene | 123 | 0 | 0 | µg/m$^3$ | 1.7 | 3200 | -- | -- |
| 622-96-8 | 4-Ethyltoluene | 196 | 83 | 42 | µg/m$^3$ | 0.4 | 3800 | 1.9 | 440000 |
| 108-10-1 | 4-Methyl-2-Pentanone | 196 | 9 | 4.6 | µg/m$^3$ | 0.095 | 11000 | 3.6 | 16 |
| 67-64-1 | Acetone | 196 | 72 | 37 | µg/m$^3$ | 0.9 | 3000 | 18 | 240000 |
| BZLCL | alpha-Chlorotoluene | 196 | 0 | 0 | µg/m$^3$ | 0.5 | 37000 | -- | -- |
| 71-43-2 | Benzene | 196 | 155 | 79 | µg/m$^3$ | 0.36 | 83 | 3.4 | 3800000 |
| 75-27-4 | Bromodichloromethane | 196 | 4 | 2.0 | µg/m$^3$ | 0.54 | 12000 | 2.3 | 12000 |
| 75-25-2 | Bromoform | 196 | 0 | 0 | µg/m$^3$ | 0.73 | 29000 | -- | -- |
| 74-83-9 | Bromomethane | 196 | 1 | 0.50 | µg/m$^3$ | 0.6 | 6500 | 1.4 | 1.4 |
| 75-15-0 | Carbon Disulfide | 196 | 79 | 40 | µg/m$^3$ | 0.5 | 1200 | 1.4 | 170000 |
| 56-23-5 | Carbon Tetrachloride | 196 | 0 | 0 | µg/m$^3$ | 0.51 | 11000 | -- | -- |
| 108-90-7 | Chlorobenzene | 196 | 1 | 0.50 | µg/m$^3$ | 0.36 | 9000 | 5.9 | 5.9 |
| 75-00-3 | Chloroethane | 196 | 1 | 0.50 | µg/m$^3$ | 0.6 | 7400 | 6.7 | 6.7 |
| 67-66-3 | Chloroform | 196 | 11 | 5.6 | µg/m$^3$ | 0.56 | 8000 | 3.6 | 370 |
| 74-87-3 | Chloromethane | 196 | 12 | 6.1 | µg/m$^3$ | 0.3 | 3700 | 1 | 98 |
| 156-59-2 | cis-1,2-Dichloroethene | 196 | 5 | 2.6 | µg/m$^3$ | 0.72 | 9500 | 2.7 | 690 |
| 10061-01-5 | cis-1,3-Dichloropropene | 196 | 0 | 0 | µg/m$^3$ | 0.51 | 11000 | -- | -- |
| 98-82-8 | Cumene (Isopropylbenzene) | 123 | 79 | 64 | µg/m$^3$ | 0.42 | 200 | 6.5 | 31000 |
| 110-82-7 | Cyclohexane | 123 | 78 | 63 | µg/m$^3$ | 0.61 | 220 | 3.9 | 2700000 |
| 124-48-1 | Dibromochloromethane | 196 | 0 | 0 | µg/m$^3$ | 0.63 | 17000 | -- | -- |
| 108-20-3 | Diisopropyl Ether (DIPE) | 73 | 0 | 0 | µg/m$^3$ | 0.9 | 10000 | -- | -- |
| 64-17-5 | Ethanol | 196 | 48 | 25 | µg/m$^3$ | 1.2 | 2500 | 1.4 | 54000 |

**Table 2b**
**Statistical Summary of Soil Vapor Data - Streets**
Former Kast Property

| CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|
| 100-41-4 | Ethylbenzene | 196 | 157 | 80 | µg/m$^3$ | 0.48 | 160 | 3.2 | 1800000 |
| 637-92-3 | Ethyl-t-Butyl Ether (ETBE) | 73 | 0 | 0 | µg/m$^3$ | 2.1 | 25000 | -- | -- |
| 75-69-4 | Freon 11 | 196 | 3 | 1.5 | µg/m$^3$ | 0.56 | 7900 | 2.5 | 19 |
| 76-13-1 | Freon 113 | 196 | 2 | 1.0 | µg/m$^3$ | 0.67 | 14000 | 54 | 200 |
| 76-14-2 | Freon 114 | 196 | 0 | 0 | µg/m$^3$ | 0.9 | 14000 | -- | -- |
| 75-71-8 | Freon 12 | 196 | 9 | 4.6 | µg/m$^3$ | 0.54 | 13000 | 2.3 | 210 |
| 7440-59-7 | Helium | 123 | 10 | 8.1 | MOL % | 0.0025 | 0.03 | 0.12 | 0.87 |
| 142-82-5 | Heptane | 123 | 32 | 26 | µg/m$^3$ | 0.38 | 1300 | 16 | 1000000 |
| 87-68-3 | Hexachloro-1,3-Butadiene | 196 | 3 | 1.5 | µg/m$^3$ | 3 | 35000 | 730 | 2000 |
| 110-54-3 | Hexane | 123 | 40 | 33 | µg/m$^3$ | 0.31 | 850 | 3.1 | 1900000 |
| 67-63-0 | Isopropanol | 196 | 47 | 24 | µg/m$^3$ | 0.83 | 960 | 13 | 450000 |
| 74-82-8 | Methane | 195 | 136 | 70 | MOL % | 0.00001 | 0.261 | 0.0011 | 78 |
| 75-09-2 | Methylene Chloride | 196 | 29 | 15 | µg/m$^3$ | 0.28 | 12000 | 2.3 | 7300 |
| 1634-04-4 | Methyl-tert-Butyl Ether | 196 | 19 | 10 | µg/m$^3$ | 0.29 | 7800 | 1.2 | 2800 |
| 91-20-3 | Naphthalene | 195 | 87 | 45 | µg/m$^3$ | 0.37 | 200000 | 0.59 | 7300 |
| 95-47-6 | o-Xylene | 123 | 17 | 14 | µg/m$^3$ | 0.34 | 1300 | 6.7 | 21000 |
| 1330-20-7-1 | p/m-Xylene | 123 | 45 | 37 | µg/m$^3$ | 0.4 | 820 | 19 | 170000 |
| 103-65-1 | Propylbenzene | 123 | 78 | 63 | µg/m$^3$ | 0.3 | 180 | 9.5 | 37000 |
| 100-42-5 | Styrene | 196 | 23 | 12 | µg/m$^3$ | 0.35 | 14000 | 2.1 | 5900 |
| 994-05-8 | tert-Amyl-Methyl Ether (TAME) | 73 | 0 | 0 | µg/m$^3$ | 1.2 | 14000 | -- | -- |
| 75-65-0 | tert-Butyl Alcohol (TBA) | 73 | 6 | 8.2 | µg/m$^3$ | 1.2 | 14000 | 5.4 | 140 |
| 127-18-4 | Tetrachloroethene | 196 | 29 | 15 | µg/m$^3$ | 0.72 | 14000 | 3.7 | 5300 |
| 109-99-9 | Tetrahydrofuran | 123 | 1 | 0.8 | µg/m$^3$ | 0.46 | 780 | 8.5 | 8.5 |
| 108-88-3 | Toluene | 196 | 103 | 53 | µg/m$^3$ | 0.32 | 710 | 4.8 | 3700000 |
| 156-60-5 | trans-1,2-Dichloroethene | 196 | 5 | 2.6 | µg/m$^3$ | 0.74 | 13000 | 4.6 | 5600 |
| 10061-02-6 | trans-1,3-Dichloropropene | 196 | 1 | 0.50 | µg/m$^3$ | 0.44 | 8400 | 6.5 | 6.5 |
| 79-01-6 | Trichloroethene | 196 | 7 | 3.6 | µg/m$^3$ | 0.72 | 10000 | 2 | 6600 |
| 108-05-4 | Vinyl Acetate | 73 | 3 | 4.1 | µg/m$^3$ | 2.5 | 29000 | 2.6 | 5.1 |
| 75-01-4 | Vinyl Chloride | 196 | 1 | 0.50 | µg/m$^3$ | 0.33 | 4700 | 4.6 | 4.6 |
| C10C12ALIPH | C10-C12 Aliphatics | 2 | 1 | 50 | µg/m$^3$ | 210 | 210 | 360000 | 360000 |
| C10C12AROM | C10-C12 Aromatics | 2 | 0 | 0 | µg/m$^3$ | 160 | 8600 | -- | -- |
| C5C6ALIPH | C5-C6 Aliphatics | 2 | 2 | 100 | µg/m$^3$ | -- | -- | 110 | 550000 |
| C6C8ALIPH | C6-C8 Aliphatics | 2 | 2 | 100 | µg/m$^3$ | -- | -- | 1000 | 3500000 |
| C8C10ALIPH | C8-C10 Aliphatics | 2 | 2 | 100 | µg/m$^3$ | -- | -- | 400 | 2200000 |
| C8C10AROM | C8-C10 Aromatics | 2 | 1 | 50 | µg/m$^3$ | 150 | 150 | 88000 | 88000 |

Notes:

-- not applicable; DL = detection limit

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| **Water Table** | | | | | | | | | | |
| | 15584-04-0 | Arsenate | 11 | 11 | 100 | µg/L | -- | -- | 0.16 | 16.9 |
| | 15502-74-6 | Arsenite | 11 | 11 | 100 | µg/L | -- | -- | 0.097 | 264 |
| | TPHC11C12 | Carbon Chain C11-C12 | 184 | 94 | 51 | µg/L | 14 | 50 | 0.52 | 620 |
| | TPHC13C14 | Carbon Chain C13-C14 | 183 | 80 | 44 | µg/L | 15 | 50 | 1.4 | 600 |
| | TPHC15C16 | Carbon Chain C15-C16 | 183 | 82 | 45 | µg/L | 16 | 50 | 6.5 | 520 |
| | TPHC17C18 | Carbon Chain C17-C18 | 184 | 99 | 54 | µg/L | 17 | 50 | 0.94 | 420 |
| | TPHC19C20 | Carbon Chain C19-C20 | 184 | 97 | 53 | µg/L | 17 | 50 | 0.32 | 300 |
| | TPHC21C22 | Carbon Chain C21-C22 | 184 | 97 | 53 | µg/L | 17 | 50 | 4.4 | 230 |
| | TPHC23C24 | Carbon Chain C23-C24 | 184 | 106 | 58 | µg/L | 17 | 50 | 13 | 140 |
| | TPHC25C28 | Carbon Chain C25-C28 | 184 | 109 | 59 | µg/L | 15 | 50 | 5.6 | 140 |
| | TPHC29C32 | Carbon Chain C29-C32 | 184 | 109 | 59 | µg/L | 8.1 | 50 | 3.5 | 130 |
| | TPHC33C36 | Carbon Chain C33-C36 | 184 | 64 | 35 | µg/L | 7.5 | 50 | 0.019 | 86 |
| | TPHC37C40 | Carbon Chain C37-C40 | 180 | 53 | 29 | µg/L | 6.5 | 50 | 0.28 | 55 |
| | TPHC41C44 | Carbon Chain C41-C44 | 175 | 15 | 9 | µg/L | 6.3 | 50 | 6.7 | 22 |
| | TPHC6 | Carbon Chain C6 | 179 | 99 | 55 | µg/L | 1.3 | 50 | 1.6 | 300 |
| | TPHC7 | Carbon Chain C7 | 180 | 99 | 55 | µg/L | 5.8 | 50 | 4.8 | 200 |
| | TPHC8 | Carbon Chain C8 | 180 | 104 | 58 | µg/L | 9.4 | 50 | 5.5 | 420 |
| | TPHC9C10 | Carbon Chain C9-C10 | 182 | 105 | 58 | µg/L | 12 | 50 | 0.9 | 620 |
| | DOC | Dissolved Organic Carbon | 11 | 11 | 100 | mg/L | -- | -- | 3.4 | 170 |
| | ALKH | Hydroxide Alkalinity as CACO3 | 19 | 0 | 0 | mg/L | 0.85 | 0.85 | -- | -- |
| | NH3N | Nitrogen, Ammonia (as N) | 11 | 9 | 82 | mg/L | 0.094 | 0.094 | 0.11 | 0.78 |
| | 7440-09-7 | Potassium | 30 | 30 | 100 | mg/L | -- | -- | 4.69 | 12.7 |
| | 7440-23-5 | Sodium | 30 | 30 | 100 | mg/L | -- | -- | 68.1 | 502 |
| | PO4TOT | Total Phosphate (as PO4) | 11 | 8 | 73 | mg/L | 0.067 | 0.067 | 0.085 | 0.83 |
| GENERAL | ALK | Alkalinity, Total (as CaCO3) | 30 | 30 | 100 | mg/L | -- | -- | 122 | 1080 |
| GENERAL | 16887-00-6 | Chloride | 30 | 30 | 100 | mg/L | -- | -- | 57 | 1400 |
| GENERAL | HARD | Hardness (AS CaCO3) | 19 | 19 | 100 | mg/L | -- | -- | 300 | 1800 |
| GENERAL | MBAS | MBAS | 19 | 3 | 16 | mg/L | 0.089 | 0.089 | 0.1 | 0.29 |
| GENERAL | 14797-55-8 | Nitrate (as N) | 30 | 8 | 27 | mg/L | 0.017 | 0.037 | 0.098 | 14 |
| GENERAL | 14797-65-0 | Nitrite (as N) | 19 | 1 | 5.3 | mg/L | 0.013 | 0.016 | 0.097 | 0.097 |
| GENERAL | TDS | Solids, Total Dissolved | 30 | 30 | 100 | mg/L | -- | -- | 613 | 3320 |
| GENERAL | 14808-79-8 | Sulfate | 30 | 29 | 97 | mg/L | 0.19 | 0.19 | 0.41 | 260 |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| GENERAL | S | Sulfide | 11 | 3 | 27 | mg/L | 0.03 | 0.03 | 0.05 | 0.3 |
| INORGANIC | ALKB | Bicarbonate Alkalinity as CACO3 | 30 | 30 | 100 | mg/L | -- | -- | 122 | 1080 |
| INORGANIC | CO3 | Carbonate (AS CO3) | 30 | 0 | 0 | mg/L | 0.85 | 0.85 | -- | -- |
| METALS | 7429-90-5 | Aluminum | 11 | 11 | 100 | mg/L | -- | -- | 0.00825 | 6.42 |
| METALS | 7440-36-0 | Antimony | 63 | 26 | 41 | mg/L | 0.0000995 | 0.00787 | 0.000108 | 0.0193 |
| METALS | 7440-38-2 | Arsenic | 74 | 64 | 87 | mg/L | 0.0031 | 0.0061 | 0.00039 | 0.9 |
| METALS | 7440-39-3 | Barium | 63 | 63 | 100 | mg/L | -- | -- | 0.048 | 0.839 |
| METALS | 7440-41-7 | Beryllium | 63 | 0 | 0 | mg/L | 0.0002 | 0.0044 | -- | -- |
| METALS | 7440-43-9 | Cadmium | 63 | 2 | 3 | mg/L | 0.000128 | 0.00454 | 0.000138 | 0.000204 |
| METALS | 7440-70-2 | Calcium | 30 | 30 | 100 | mg/L | -- | -- | 82.1 | 482 |
| METALS | 7440-47-3 | Chromium | 74 | 9 | 12 | mg/L | 0.0004 | 0.0044 | 0.000472 | 0.0126 |
| METALS | 7440-48-4 | Cobalt | 63 | 33 | 52 | mg/L | 0.0007 | 0.00441 | 0.000206 | 0.00145 |
| METALS | 7440-50-8 | Copper | 80 | 46 | 58 | mg/L | 0.00014 | 0.00392 | 0.00058 | 0.0181 |
| METALS | 7439-89-6 | Iron | 30 | 30 | 100 | mg/L | -- | -- | 0.0643 | 67 |
| METALS | 7439-92-1 | Lead | 63 | 28 | 44.4 | mg/L | 0.0000898 | 0.00693 | 0.0000898 | 0.0105 |
| METALS | 7439-95-4 | Magnesium | 30 | 30 | 100 | mg/L | -- | -- | 22.7 | 139 |
| METALS | 7439-96-5 | Manganese | 30 | 29 | 97 | mg/L | 0.0045 | 0.0045 | 0.00248 | 2.55 |
| METALS | 7439-97-6 | Mercury | 63 | 3 | 5 | mg/L | 0.00003 | 0.0001 | 0.00004 | 0.0001 |
| METALS | 7439-98-7 | Molybdenum | 63 | 42 | 67 | mg/L | 0.000127 | 0.0043 | 0.000213 | 0.0293 |
| METALS | 7440-02-0 | Nickel | 63 | 33 | 52.4 | mg/L | 0.000132 | 0.00433 | 0.00396 | 0.0178 |
| METALS | 7782-49-2 | Selenium | 63 | 19 | 30 | mg/L | 0.000168 | 0.0107 | 0.00019 | 0.0242 |
| METALS | 7440-22-4 | Silver | 63 | 2 | 3.2 | mg/L | 0.000111 | 0.00211 | 0.00144 | 0.00228 |
| METALS | 7440-28-0 | Thallium | 63 | 3 | 5 | mg/L | 0.000101 | 0.0054 | 0.00376 | 0.00424 |
| METALS | 7440-62-2 | Vanadium | 63 | 6 | 10 | mg/L | 0.000149 | 0.0045 | 0.000198 | 0.0009 |
| METALS | 7440-66-6 | Zinc | 69 | 43 | 62 | mg/L | 0.000479 | 0.0067 | 0.00195 | 0.123 |
| Method-dependent | 87-61-6 | 1,2,3-Trichlorobenzene | 189 | 0 | 0 | µg/L | 0.31 | 2.5 | -- | -- |
| Method-dependent | 120-82-1 | 1,2,4-Trichlorobenzene | 189 | 0 | 0 | µg/L | 0.49 | 2.5 | -- | -- |
| Method-dependent | 95-50-1 | 1,2-Dichlorobenzene | 189 | 5 | 2.6 | µg/L | 0.27 | 2.3 | 0.47 | 4.6 |
| Method-dependent | 541-73-1 | 1,3-Dichlorobenzene | 189 | 1 | 1 | µg/L | 0.28 | 2 | 0.85 | 0.85 |
| Method-dependent | 106-46-7 | 1,4-Dichlorobenzene | 189 | 4 | 2.1 | µg/L | 0.21 | 2.2 | 4.7 | 11 |
| Method-dependent | 91-20-3 | Naphthalene | 189 | 46 | 24 | µg/L | 0.037 | 12 | 0.041 | 82 |
| Method-dependent | 98-95-3 | Nitrobenzene | 18 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| ORGANIC | 106-44-5 | 3/4-Methylphenol | 18 | 0 | 0 | µg/L | 1 | 1 | -- | -- |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| ORGANIC | 12674-11-2 | AROCLOR 1016 | 5 | 0 | 0 | µg/L | 0.15 | 0.15 | -- | -- |
| ORGANIC | 11104-28-2 | AROCLOR 1221 | 5 | 0 | 0 | µg/L | 0.1 | 0.1 | -- | -- |
| ORGANIC | 11141-16-5 | AROCLOR 1232 | 5 | 0 | 0 | µg/L | 0.1 | 0.1 | -- | -- |
| ORGANIC | 53469-21-9 | AROCLOR 1242 | 5 | 0 | 0 | µg/L | 0.1 | 0.1 | -- | -- |
| ORGANIC | 12672-29-6 | AROCLOR 1248 | 5 | 0 | 0 | µg/L | 0.1 | 0.1 | -- | -- |
| ORGANIC | 11097-69-1 | AROCLOR 1254 | 5 | 0 | 0 | µg/L | 0.1 | 0.1 | -- | -- |
| ORGANIC | 11096-82-5 | AROCLOR 1260 | 5 | 0 | 0 | µg/L | 0.25 | 0.25 | -- | -- |
| ORGANIC | 37324-23-5 | AROCLOR 1262 | 5 | 0 | 0 | µg/L | 0.1 | 0.1 | -- | -- |
| ORGANIC | 85-68-7 | Butyl Benzyl Phthalate | 18 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| ORGANIC | 64-17-5 | Ethanol | 189 | 0 | 0 | µg/L | 43 | 250 | -- | -- |
| ORGANIC | 16984-48-8 | Fluoride | 30 | 28 | 93 | mg/L | 0.033 | 0.033 | 0.08 | 0.97 |
| ORGANIC | 76-13-1 | Freon 113 | 189 | 4 | 2.1 | µg/L | 0.64 | 3.9 | 0.84 | 1.2 |
| ORGANIC | TPHC6C44 | Total Petroleum Hydrocarbons (C6-C44) | 184 | 148 | 80 | µg/L | 45 | 47 | 48 | 4000 |
| ORGANIC | 68334-30-5 | TPH as Diesel | 189 | 184 | 97 | µg/L | 33 | 33 | 33 | 3200 |
| ORGANIC | PHCG | TPH as Gasoline | 189 | 148 | 78 | µg/L | 48 | 48 | 52 | 3000 |
| ORGANIC | TPHMOIL | TPH as Motor Oil | 189 | 74 | 39 | µg/L | 200 | 210 | 210 | 1700 |
| SVOC | 90-12-0 | 1-Methylnaphthalene | 18 | 7 | 39 | µg/L | 0.036 | 1.4 | 0.071 | 1.4 |
| SVOC | 95-95-4 | 2,4,5-Trichlorophenol | 18 | 0 | 0 | µg/L | 0.97 | 0.97 | -- | -- |
| SVOC | 88-06-2 | 2,4,6-Trichlorophenol | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 120-83-2 | 2,4-Dichlorophenol | 18 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 105-67-9 | 2,4-Dimethylphenol | 18 | 2 | 11 | µg/L | 1.2 | 1.2 | 7.2 | 11 |
| SVOC | 51-28-5 | 2,4-Dinitrophenol | 18 | 0 | 0 | µg/L | 2.6 | 2.6 | -- | -- |
| SVOC | 121-14-2 | 2,4-Dinitrotoluene | 18 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 606-20-2 | 2,6-Dinitrotoluene | 18 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 91-58-7 | 2-Chloronaphthalene | 18 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 95-57-8 | 2-Chlorophenol | 18 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 91-57-6 | 2-Methylnaphthalene | 18 | 7 | 39 | µg/L | 0.035 | 1.2 | 0.078 | 0.48 |
| SVOC | 95-48-7 | 2-Methylphenol | 18 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 88-74-4 | 2-Nitroaniline | 18 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 88-75-5 | 2-Nitrophenol | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 91-94-1 | 3,3'-Dichlorobenzidine | 18 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 99-09-2 | 3-Nitroaniline | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 534-52-1 | 4,6-Dinitro-2-Methylphenol | 18 | 0 | 0 | µg/L | 3.4 | 3.4 | -- | -- |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| SVOC | 101-55-3 | 4-Bromophenyl-Phenyl Ether | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 59-50-7 | 4-Chloro-3-Methylphenol | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 106-47-8 | 4-Chloroaniline | 18 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 7005-72-3 | 4-Chlorophenyl-Phenyl Ether | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 100-01-6 | 4-Nitroaniline | 18 | 0 | 0 | µg/L | 2.4 | 2.4 | -- | -- |
| SVOC | 100-02-7 | 4-Nitrophenol | 18 | 0 | 0 | µg/L | 0.86 | 0.86 | -- | -- |
| SVOC | 83-32-9 | Acenaphthene | 18 | 1 | 5.6 | µg/L | 0.037 | 1.4 | 0.14 | 0.14 |
| SVOC | 208-96-8 | Acenaphthylene | 18 | 2 | 11 | µg/L | 0.033 | 1.4 | 0.063 | 0.085 |
| SVOC | 62-53-3 | Aniline | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 120-12-7 | Anthracene | 18 | 0 | 0 | µg/L | 0.036 | 1.5 | -- | -- |
| SVOC | 103-33-3 | Azobenzene | 18 | 0 | 0 | µg/L | 1.7 | 1.7 | -- | -- |
| SVOC | 92-87-5 | Benzidine | 18 | 0 | 0 | µg/L | 0.62 | 0.62 | -- | -- |
| SVOC | 56-55-3 | Benzo (a) Anthracene | 18 | 0 | 0 | µg/L | 0.043 | 1.1 | -- | -- |
| SVOC | 50-32-8 | Benzo (a) Pyrene | 18 | 0 | 0 | µg/L | 0.035 | 0.88 | -- | -- |
| SVOC | 205-99-2 | Benzo (b) Fluoranthene | 18 | 0 | 0 | µg/L | 0.036 | 1.2 | -- | -- |
| SVOC | 191-24-2 | Benzo (g,h,i) Perylene | 18 | 0 | 0 | µg/L | 0.037 | 0.71 | -- | -- |
| SVOC | 207-08-9 | Benzo (k) Fluoranthene | 18 | 0 | 0 | µg/L | 0.05 | 1.7 | -- | -- |
| SVOC | 65-85-0 | Benzoic Acid | 18 | 0 | 0 | µg/L | 0.43 | 0.43 | -- | -- |
| SVOC | 100-51-6 | Benzyl Alcohol | 18 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 111-91-1 | Bis(2-Chloroethoxy) Methane | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 111-44-4 | Bis(2-Chloroethyl) Ether | 18 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 108-60-1 | Bis(2-Chloroisopropyl) Ether | 18 | 0 | 0 | µg/L | 1.5 | 1.5 | -- | -- |
| SVOC | 117-81-7 | Bis(2-Ethylhexyl) Phthalate | 18 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 218-01-9 | Chrysene | 18 | 0 | 0 | µg/L | 0.041 | 1.3 | -- | -- |
| SVOC | 53-70-3 | Dibenz (a,h) Anthracene | 18 | 0 | 0 | µg/L | 0.039 | 0.82 | -- | -- |
| SVOC | 132-64-9 | Dibenzofuran | 18 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| SVOC | 84-66-2 | Diethyl Phthalate | 18 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| SVOC | 131-11-3 | Dimethyl Phthalate | 18 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 84-74-2 | Di-n-Butyl Phthalate | 18 | 0 | 0 | µg/L | 1.5 | 1.5 | -- | -- |
| SVOC | 117-84-0 | Di-n-Octyl Phthalate | 18 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 206-44-0 | Fluoranthene | 18 | 0 | 0 | µg/L | 0.038 | 1.5 | -- | -- |
| SVOC | 86-73-7 | Fluorene | 18 | 1 | 5.6 | µg/L | 0.035 | 1.4 | 0.18 | 0.18 |
| SVOC | 87-68-3 | Hexachloro-1,3-Butadiene | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| SVOC | 118-74-1 | Hexachlorobenzene | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 77-47-4 | Hexachlorocyclopentadiene | 18 | 0 | 0 | µg/L | 0.44 | 0.44 | -- | -- |
| SVOC | 67-72-1 | Hexachloroethane | 18 | 0 | 0 | µg/L | 0.98 | 0.98 | -- | -- |
| SVOC | 193-39-5 | Indeno (1,2,3-c,d) Pyrene | 18 | 0 | 0 | µg/L | 0.036 | 0.83 | -- | -- |
| SVOC | 78-59-1 | Isophorone | 18 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 62-75-9 | N-Nitrosodimethylamine | 18 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 621-64-7 | N-Nitroso-di-n-propylamine | 18 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 86-30-6 | N-Nitrosodiphenylamine | 18 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| SVOC | 87-86-5 | Pentachlorophenol | 18 | 0 | 0 | µg/L | 0.75 | 0.75 | -- | -- |
| SVOC | 85-01-8 | Phenanthrene | 18 | 0 | 0 | µg/L | 0.038 | 1.5 | -- | -- |
| SVOC | 108-95-2 | Phenol | 18 | 3 | 17 | µg/L | 1.2 | 1.2 | 1.8 | 13 |
| SVOC | 129-00-0 | Pyrene | 18 | 0 | 0 | µg/L | 0.05 | 1.4 | -- | -- |
| SVOC | 110-86-1 | Pyridine | 18 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| VOC | 630-20-6 | 1,1,1,2-Tetrachloroethane | 189 | 1 | 0.50 | µg/L | 0.35 | 2 | 4 | 4 |
| VOC | 71-55-6 | 1,1,1-Trichloroethane | 189 | 5 | 2.6 | µg/L | 0.3 | 1.5 | 0.37 | 0.52 |
| VOC | 79-34-5 | 1,1,2,2-Tetrachloroethane | 189 | 0 | 0 | µg/L | 0.41 | 2 | -- | -- |
| VOC | 79-00-5 | 1,1,2-Trichloroethane | 189 | 13 | 6.9 | µg/L | 0.38 | 1.9 | 0.39 | 2 |
| VOC | 75-34-3 | 1,1-Dichloroethane | 189 | 100 | 53 | µg/L | 0.28 | 1.4 | 0.34 | 23 |
| VOC | 75-35-4 | 1,1-Dichloroethene | 189 | 116 | 61 | µg/L | 0.4 | 2.2 | 0.46 | 53 |
| VOC | 563-58-6 | 1,1-Dichloropropene | 189 | 0 | 0 | µg/L | 0.26 | 2.3 | -- | -- |
| VOC | 96-18-4 | 1,2,3-Trichloropropane | 189 | 20 | 11 | µg/L | 0.64 | 3.2 | 2 | 27 |
| VOC | 95-63-6 | 1,2,4-Trimethylbenzene | 189 | 55 | 29 | µg/L | 0.24 | 1.8 | 0.24 | 97 |
| VOC | 96-12-8 | 1,2-Dibromo-3-Chloropropane | 189 | 0 | 0 | µg/L | 1.2 | 6.2 | -- | -- |
| VOC | 106-93-4 | 1,2-Dibromoethane (EDB) | 189 | 0 | 0 | µg/L | 0.36 | 1.8 | -- | -- |
| VOC | 107-06-2 | 1,2-Dichloroethane | 189 | 19 | 10 | µg/L | 0.24 | 1.2 | 0.32 | 6.1 |
| VOC | 78-87-5 | 1,2-Dichloropropane | 189 | 1 | 1 | µg/L | 0.38 | 2.1 | 0.63 | 0.63 |
| VOC | 108-67-8 | 1,3,5-Trimethylbenzene | 189 | 38 | 20 | µg/L | 0.23 | 1.4 | 0.32 | 25 |
| VOC | 142-28-9 | 1,3-Dichloropropane | 189 | 0 | 0 | µg/L | 0.3 | 1.5 | -- | -- |
| VOC | 594-20-7 | 2,2-Dichloropropane | 189 | 0 | 0 | µg/L | 0.36 | 1.8 | -- | -- |
| VOC | 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | 189 | 2 | 1.1 | µg/L | 2.2 | 14 | 2.9 | 8.4 |
| VOC | 95-49-8 | 2-Chlorotoluene | 189 | 0 | 0 | µg/L | 0.24 | 1.2 | -- | -- |
| VOC | 591-78-6 | 2-Hexanone | 189 | 0 | 0 | µg/L | 2.1 | 14 | -- | -- |
| VOC | 106-43-4 | 4-Chlorotoluene | 189 | 1 | 0.50 | µg/L | 0.13 | 0.66 | 0.27 | 0.27 |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| VOC | 108-10-1 | 4-Methyl-2-Pentanone | 189 | 0 | 0 | µg/L | 4.4 | 22 | -- | -- |
| VOC | 67-64-1 | Acetone | 189 | 7 | 3.7 | µg/L | 6 | 50 | 12 | 120 |
| VOC | 71-43-2 | Benzene | 189 | 166 | 88 | µg/L | 0.14 | 0.57 | 0.14 | 680 |
| VOC | 108-86-1 | Bromobenzene | 189 | 0 | 0 | µg/L | 0.3 | 1.5 | -- | -- |
| VOC | 74-97-5 | Bromochloromethane | 189 | 0 | 0 | µg/L | 0.48 | 2.4 | -- | -- |
| VOC | 75-27-4 | Bromodichloromethane | 189 | 0 | 0 | µg/L | 0.21 | 1 | -- | -- |
| VOC | 75-25-2 | Bromoform | 189 | 0 | 0 | µg/L | 0.5 | 2.5 | -- | -- |
| VOC | 74-83-9 | Bromomethane | 189 | 0 | 0 | µg/L | 3.9 | 19 | -- | -- |
| VOC | 75-15-0 | Carbon Disulfide | 189 | 1 | 0.50 | µg/L | 0.41 | 3.8 | 0.84 | 0.84 |
| VOC | 56-23-5 | Carbon Tetrachloride | 189 | 0 | 0 | µg/L | 0.23 | 1.1 | -- | -- |
| VOC | 108-90-7 | Chlorobenzene | 189 | 3 | 2 | µg/L | 0.17 | 0.86 | 0.17 | 0.48 |
| VOC | 75-00-3 | Chloroethane | 189 | 0 | 0 | µg/L | 1.3 | 11 | -- | -- |
| VOC | 67-66-3 | Chloroform | 189 | 18 | 10 | µg/L | 0.33 | 2.3 | 2.2 | 7 |
| VOC | 74-87-3 | Chloromethane | 189 | 1 | 0.50 | µg/L | 0.49 | 8.8 | 0.6 | 0.6 |
| VOC | 156-59-2 | cis-1,2-Dichloroethene | 189 | 147 | 78 | µg/L | 0.48 | 2.4 | 0.5 | 2200 |
| VOC | 10061-01-5 | cis-1,3-Dichloropropene | 189 | 0 | 0 | µg/L | 0.25 | 1.2 | -- | -- |
| VOC | 98-82-8 | Cumene (Isopropylbenzene) | 189 | 66 | 35 | µg/L | 0.23 | 2.9 | 0.38 | 25 |
| VOC | 124-48-1 | Dibromochloromethane | 189 | 0 | 0 | µg/L | 0.25 | 1.2 | -- | -- |
| VOC | 74-95-3 | Dibromomethane | 189 | 0 | 0 | µg/L | 0.46 | 2.3 | -- | -- |
| VOC | 108-20-3 | Diisopropyl Ether (DIPE) | 189 | 0 | 0 | µg/L | 0.31 | 1.7 | -- | -- |
| VOC | 100-41-4 | Ethylbenzene | 189 | 92 | 49 | µg/L | 0.14 | 0.69 | 0.16 | 150 |
| VOC | 637-92-3 | Ethyl-t-Butyl Ether (ETBE) | 189 | 0 | 0 | µg/L | 0.27 | 2.2 | -- | -- |
| VOC | 75-69-4 | Freon 11 | 189 | 0 | 0 | µg/L | 0.31 | 8.3 | -- | -- |
| VOC | 75-71-8 | Freon 12 | 189 | 0 | 0 | µg/L | 0.46 | 2.3 | -- | -- |
| VOC | 75-09-2 | Methylene Chloride | 189 | 4 | 2.10 | µg/L | 0.64 | 5.2 | 0.84 | 4.3 |
| VOC | 1634-04-4 | Methyl-tert-Butyl Ether | 189 | 13 | 6.9 | µg/L | 0.3 | 1.5 | 0.33 | 2.5 |
| VOC | 104-51-8 | n-Butylbenzene | 189 | 39 | 21 | µg/L | 0.23 | 1.1 | 0.23 | 3.4 |
| VOC | 95-47-6 | o-Xylene | 44 | 7 | 16 | µg/L | 0.23 | 1.1 | 0.29 | 2.4 |
| VOC | 1330-20-7-1 | p/m-Xylene | 44 | 13 | 30 | µg/L | 0.24 | 1.5 | 0.27 | 68 |
| VOC | 99-87-6 | p-Isopropyltoluene | 189 | 43 | 23 | µg/L | 0.16 | 0.79 | 0.17 | 4.4 |
| VOC | 103-65-1 | Propylbenzene | 189 | 64 | 34 | µg/L | 0.17 | 1.6 | 0.18 | 25 |
| VOC | 135-98-8 | sec-Butylbenzene | 189 | 74 | 39 | µg/L | 0.2 | 1.2 | 0.21 | 3.4 |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| VOC | 100-42-5 | Styrene | 189 | 1 | 0.50 | µg/L | 0.17 | 0.86 | 0.2 | 0.2 |
| VOC | 994-05-8 | tert-Amyl-Methyl Ether (TAME) | 189 | 0 | 0 | µg/L | 0.22 | 1.1 | -- | -- |
| VOC | 75-65-0 | tert-Butyl Alcohol (TBA) | 189 | 86 | 46 | µg/L | 3.5 | 23 | 4.2 | 120 |
| VOC | 98-06-6 | tert-Butylbenzene | 189 | 3 | 1.6 | µg/L | 0.28 | 1.4 | 0.28 | 0.37 |
| VOC | 127-18-4 | Tetrachloroethene | 189 | 26 | 14 | µg/L | 0.39 | 1.9 | 0.88 | 260 |
| VOC | 108-88-3 | Toluene | 189 | 19 | 10 | µg/L | 0.24 | 1.2 | 0.25 | 12 |
| VOC | 156-60-5 | trans-1,2-Dichloroethene | 189 | 106 | 56 | µg/L | 0.37 | 1.8 | 0.37 | 120 |
| VOC | 10061-02-6 | trans-1,3-Dichloropropene | 189 | 0 | 0 | µg/L | 0.25 | 1.3 | -- | -- |
| VOC | 79-01-6 | Trichloroethene | 189 | 89 | 47 | µg/L | 0.3 | 1.8 | 0.39 | 920 |
| VOC | 108-05-4 | Vinyl Acetate | 189 | 0 | 0 | µg/L | 2.8 | 14 | -- | -- |
| VOC | 75-01-4 | Vinyl Chloride | 189 | 16 | 8.5 | µg/L | 0.3 | 1.5 | 0.33 | 2.9 |
| VOC | 1330-20-7 | Xylenes, Total | 189 | 70 | 37 | µg/L | 0.23 | 1.1 | 0.27 | 280 |
| **Lower Gage** | | | | | | | | | | |
| | 15584-04-0 | Arsenate | 4 | 4 | 100 | µg/L | -- | -- | 0.27 | 0.84 |
| | 15502-74-6 | Arsenite | 4 | 4 | 100 | µg/L | -- | -- | 4.84 | 7.97 |
| | TPHC11C12 | Carbon Chain C11-C12 | 48 | 1 | 2.1 | µg/L | 14 | 14 | 18 | 18 |
| | TPHC13C14 | Carbon Chain C13-C14 | 48 | 2 | 4.2 | µg/L | 15 | 16 | 16 | 16 |
| | TPHC15C16 | Carbon Chain C15-C16 | 48 | 4 | 8 | µg/L | 16 | 17 | 17 | 33 |
| | TPHC17C18 | Carbon Chain C17-C18 | 48 | 1 | 2.1 | µg/L | 17 | 17 | 37 | 37 |
| | TPHC19C20 | Carbon Chain C19-C20 | 48 | 1 | 2.1 | µg/L | 17 | 18 | 24 | 24 |
| | TPHC21C22 | Carbon Chain C21-C22 | 48 | 4 | 8 | µg/L | 17 | 18 | 19 | 34 |
| | TPHC23C24 | Carbon Chain C23-C24 | 48 | 5 | 10 | µg/L | 17 | 18 | 20 | 63 |
| | TPHC25C28 | Carbon Chain C25-C28 | 48 | 12 | 25 | µg/L | 15 | 16 | 16 | 79 |
| | TPHC29C32 | Carbon Chain C29-C32 | 48 | 10 | 21 | µg/L | 8.1 | 8.5 | 9 | 46 |
| | TPHC33C36 | Carbon Chain C33-C36 | 48 | 6 | 13 | µg/L | 7.5 | 7.9 | 8.1 | 32 |
| | TPHC37C40 | Carbon Chain C37-C40 | 48 | 4 | 8 | µg/L | 6.5 | 6.8 | 9.2 | 10 |
| | TPHC41C44 | Carbon Chain C41-C44 | 48 | 0 | 0 | µg/L | 6.3 | 6.6 | -- | -- |
| | TPHC6 | Carbon Chain C6 | 48 | 9 | 19 | µg/L | 1.3 | 1.4 | 1.5 | 4.8 |
| | TPHC7 | Carbon Chain C7 | 48 | 0 | 0 | µg/L | 5.8 | 6.1 | -- | -- |
| | TPHC8 | Carbon Chain C8 | 48 | 0 | 0 | µg/L | 9.4 | 9.9 | -- | -- |
| | TPHC9C10 | Carbon Chain C9-C10 | 48 | 8 | 17 | µg/L | 12 | 13 | 13 | 33 |
| | DOC | Dissolved Organic Carbon | 4 | 4 | 100 | mg/L | -- | -- | 7.3 | 29 |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| | ALKH | Hydroxide Alkalinity as CACO3 | 4 | 0 | 0 | mg/L | 0.85 | 0.85 | -- | -- |
| | NH3N | Nitrogen, Ammonia (as N) | 4 | 4 | 100 | mg/L | -- | -- | 0.28 | 0.73 |
| | 7440-09-7 | Potassium | 8 | 8 | 100 | mg/L | -- | -- | 7.65 | 11.4 |
| | 7440-23-5 | Sodium | 8 | 8 | 100 | mg/L | -- | -- | 110 | 304 |
| | PO4TOT | Total Phosphate (as PO4) | 4 | 4 | 100 | mg/L | -- | -- | 0.17 | 2 |
| GENERAL | ALK | Alkalinity, Total (as CaCO3) | 8 | 8 | 100 | mg/L | -- | -- | 142 | 330 |
| GENERAL | 16887-00-6 | Chloride | 8 | 8 | 100 | mg/L | -- | -- | 210 | 370 |
| GENERAL | HARD | Hardness (AS CaCO3) | 4 | 4 | 100 | mg/L | -- | -- | 130 | 270 |
| GENERAL | MBAS | MBAS | 4 | 1 | 25 | mg/L | 0.089 | 0.089 | 0.12 | 0.12 |
| GENERAL | 14797-55-8 | Nitrate (as N) | 8 | 0 | 0 | mg/L | 0.025 | 0.037 | -- | -- |
| GENERAL | 14797-65-0 | Nitrite (as N) | 4 | 0 | 0 | mg/L | 0.016 | 0.016 | -- | -- |
| GENERAL | TDS | Solids, Total Dissolved | 8 | 8 | 100 | mg/L | -- | -- | 615 | 1000 |
| GENERAL | 14808-79-8 | Sulfate | 8 | 8 | 100 | mg/L | -- | -- | 0.49 | 110 |
| GENERAL | S | Sulfide | 4 | 2 | 50 | mg/L | 0.03 | 0.03 | 0.2 | 0.2 |
| INORGANIC | ALKB | Bicarbonate Alkalinity as CACO3 | 8 | 8 | 100 | mg/L | -- | -- | 120 | 276 |
| INORGANIC | CO3 | Carbonate (AS CO3) | 8 | 2 | 25 | mg/L | 0.85 | 0.85 | 22 | 138 |
| METALS | 7429-90-5 | Aluminum | 4 | 4 | 100 | mg/L | -- | -- | 0.0144 | 0.0456 |
| METALS | 7440-36-0 | Antimony | 20 | 11 | 55 | mg/L | 0.0000995 | 0.00787 | 0.000135 | 0.00968 |
| METALS | 7440-38-2 | Arsenic | 24 | 22 | 92 | mg/L | 0.00611 | 0.00611 | 0.00114 | 0.026 |
| METALS | 7440-39-3 | Barium | 20 | 19 | 95 | mg/L | 0.00296 | 0.00296 | 0.0117 | 0.0796 |
| METALS | 7440-41-7 | Beryllium | 20 | 1 | 5 | mg/L | 0.00029 | 0.00439 | 0.000636 | 0.000636 |
| METALS | 7440-43-9 | Cadmium | 20 | 1 | 5 | mg/L | 0.000128 | 0.00454 | 0.00028 | 0.00028 |
| METALS | 7440-70-2 | Calcium | 8 | 8 | 100 | mg/L | -- | -- | 8.54 | 106 |
| METALS | 7440-47-3 | Chromium | 24 | 2 | 8 | mg/L | 0.0004 | 0.00436 | 0.000776 | 0.00107 |
| METALS | 7440-48-4 | Cobalt | 20 | 11 | 55 | mg/L | 0.0000919 | 0.00441 | 0.000108 | 0.000769 |
| METALS | 7440-50-8 | Copper | 24 | 21 | 88 | mg/L | 0.00392 | 0.00392 | 0.000384 | 0.0175 |
| METALS | 7439-89-6 | Iron | 8 | 8 | 100 | mg/L | -- | -- | 0.0339 | 6 |
| METALS | 7439-92-1 | Lead | 20 | 7 | 35 | mg/L | 0.0000898 | 0.00693 | 0.0000903 | 0.000331 |
| METALS | 7439-95-4 | Magnesium | 8 | 8 | 100 | mg/L | -- | -- | 5.26 | 30.1 |
| METALS | 7439-96-5 | Manganese | 8 | 8 | 100 | mg/L | -- | -- | 0.0061 | 0.177 |
| METALS | 7439-97-6 | Mercury | 20 | 2 | 10 | mg/L | 0.00003 | 0.0000453 | 0.00004 | 0.00005 |
| METALS | 7439-98-7 | Molybdenum | 20 | 16 | 80 | mg/L | 0.00278 | 0.00278 | 0.000622 | 0.0227 |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| METALS | 7440-02-0 | Nickel | 20 | 12 | 60 | mg/L | 0.00298 | 0.00433 | 0.00252 | 0.0112 |
| METALS | 7782-49-2 | Selenium | 20 | 1 | 5 | mg/L | 0.000168 | 0.0107 | 0.000346 | 0.000346 |
| METALS | 7440-22-4 | Silver | 20 | 0 | 0 | mg/L | 0.000111 | 0.00211 | -- | -- |
| METALS | 7440-28-0 | Thallium | 20 | 2 | 10 | mg/L | 0.000101 | 0.0054 | 0.00056 | 0.00311 |
| METALS | 7440-62-2 | Vanadium | 20 | 7 | 35 | mg/L | 0.000149 | 0.00449 | 0.000218 | 0.0273 |
| METALS | 7440-66-6 | Zinc | 20 | 17 | 85 | mg/L | 0.00352 | 0.00666 | 0.00379 | 0.465 |
| Method-dependent | 87-61-6 | 1,2,3-Trichlorobenzene | 48 | 0 | 0 | µg/L | 0.51 | 0.51 | -- | -- |
| Method-dependent | 120-82-1 | 1,2,4-Trichlorobenzene | 48 | 0 | 0 | µg/L | 0.5 | 0.5 | -- | -- |
| Method-dependent | 95-50-1 | 1,2-Dichlorobenzene | 48 | 0 | 0 | µg/L | 0.46 | 0.46 | -- | -- |
| Method-dependent | 541-73-1 | 1,3-Dichlorobenzene | 48 | 0 | 0 | µg/L | 0.4 | 0.4 | -- | -- |
| Method-dependent | 106-46-7 | 1,4-Dichlorobenzene | 48 | 0 | 0 | µg/L | 0.43 | 0.43 | -- | -- |
| Method-dependent | 91-20-3 | Naphthalene | 48 | 3 | 6.3 | µg/L | 0.037 | 2.5 | 0.047 | 0.07 |
| Method-dependent | 98-95-3 | Nitrobenzene | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| ORGANIC | 106-44-5 | 3/4-Methylphenol | 4 | 1 | 25 | µg/L | 1 | 1 | 1.7 | 1.7 |
| ORGANIC | 85-68-7 | Butyl Benzyl Phthalate | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| ORGANIC | 64-17-5 | Ethanol | 48 | 0 | 0 | µg/L | 50 | 50 | -- | -- |
| ORGANIC | 16984-48-8 | Fluoride | 8 | 8 | 100 | mg/L | -- | -- | 0.22 | 0.74 |
| ORGANIC | 76-13-1 | Freon 113 | 48 | 0 | 0 | µg/L | 0.78 | 0.78 | -- | -- |
| ORGANIC | TPHC6C44 | Total Petroleum Hydrocarbons (C6-C44) | 48 | 9 | 19 | µg/L | 45 | 47 | 49 | 350 |
| ORGANIC | 68334-30-5 | TPH as Diesel | 48 | 35 | 73 | µg/L | 32 | 33 | 34 | 330 |
| ORGANIC | PHCG | TPH as Gasoline | 48 | 0 | 0 | µg/L | 48 | 48 | -- | -- |
| ORGANIC | TPHMOIL | TPH as Motor Oil | 48 | 1 | 2.1 | µg/L | 200 | 210 | 330 | 330 |
| SVOC | 90-12-0 | 1-Methylnaphthalene | 4 | 0 | 0 | µg/L | 0.036 | 0.036 | -- | -- |
| SVOC | 95-95-4 | 2,4,5-Trichlorophenol | 4 | 0 | 0 | µg/L | 0.97 | 0.97 | -- | -- |
| SVOC | 88-06-2 | 2,4,6-Trichlorophenol | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 120-83-2 | 2,4-Dichlorophenol | 4 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 105-67-9 | 2,4-Dimethylphenol | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 51-28-5 | 2,4-Dinitrophenol | 4 | 0 | 0 | µg/L | 2.6 | 2.6 | -- | -- |
| SVOC | 121-14-2 | 2,4-Dinitrotoluene | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 606-20-2 | 2,6-Dinitrotoluene | 4 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 91-58-7 | 2-Chloronaphthalene | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 95-57-8 | 2-Chlorophenol | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| SVOC | 91-57-6 | 2-Methylnaphthalene | 4 | 1 | 25 | µg/L | 0.035 | 0.035 | 0.037 | 0.037 |
| SVOC | 95-48-7 | 2-Methylphenol | 4 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 88-74-4 | 2-Nitroaniline | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 88-75-5 | 2-Nitrophenol | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 91-94-1 | 3,3'-Dichlorobenzidine | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 99-09-2 | 3-Nitroaniline | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 534-52-1 | 4,6-Dinitro-2-Methylphenol | 4 | 0 | 0 | µg/L | 3.4 | 3.4 | -- | -- |
| SVOC | 101-55-3 | 4-Bromophenyl-Phenyl Ether | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 59-50-7 | 4-Chloro-3-Methylphenol | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 106-47-8 | 4-Chloroaniline | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 7005-72-3 | 4-Chlorophenyl-Phenyl Ether | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 100-01-6 | 4-Nitroaniline | 4 | 0 | 0 | µg/L | 2.4 | 2.4 | -- | -- |
| SVOC | 100-02-7 | 4-Nitrophenol | 4 | 0 | 0 | µg/L | 0.86 | 0.86 | -- | -- |
| SVOC | 83-32-9 | Acenaphthene | 4 | 0 | 0 | µg/L | 0.037 | 0.037 | -- | -- |
| SVOC | 208-96-8 | Acenaphthylene | 4 | 0 | 0 | µg/L | 0.033 | 0.033 | -- | -- |
| SVOC | 62-53-3 | Aniline | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 120-12-7 | Anthracene | 4 | 0 | 0 | µg/L | 0.036 | 0.036 | -- | -- |
| SVOC | 103-33-3 | Azobenzene | 4 | 0 | 0 | µg/L | 1.7 | 1.7 | -- | -- |
| SVOC | 92-87-5 | Benzidine | 4 | 0 | 0 | µg/L | 0.62 | 0.62 | -- | -- |
| SVOC | 56-55-3 | Benzo (a) Anthracene | 4 | 0 | 0 | µg/L | 0.043 | 0.043 | -- | -- |
| SVOC | 50-32-8 | Benzo (a) Pyrene | 4 | 0 | 0 | µg/L | 0.035 | 0.035 | -- | -- |
| SVOC | 205-99-2 | Benzo (b) Fluoranthene | 4 | 0 | 0 | µg/L | 0.036 | 0.036 | -- | -- |
| SVOC | 191-24-2 | Benzo (g,h,i) Perylene | 4 | 0 | 0 | µg/L | 0.037 | 0.037 | -- | -- |
| SVOC | 207-08-9 | Benzo (k) Fluoranthene | 4 | 0 | 0 | µg/L | 0.05 | 0.05 | -- | -- |
| SVOC | 65-85-0 | Benzoic Acid | 4 | 1 | 25 | µg/L | 0.43 | 0.43 | 2.6 | 2.6 |
| SVOC | 100-51-6 | Benzyl Alcohol | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 111-91-1 | Bis(2-Chloroethoxy) Methane | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 111-44-4 | Bis(2-Chloroethyl) Ether | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 108-60-1 | Bis(2-Chloroisopropyl) Ether | 4 | 0 | 0 | µg/L | 1.5 | 1.5 | -- | -- |
| SVOC | 117-81-7 | Bis(2-Ethylhexyl) Phthalate | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 218-01-9 | Chrysene | 4 | 0 | 0 | µg/L | 0.041 | 0.041 | -- | -- |
| SVOC | 53-70-3 | Dibenz (a,h) Anthracene | 4 | 0 | 0 | µg/L | 0.039 | 0.039 | -- | -- |

**Table 3**
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Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| SVOC | 132-64-9 | Dibenzofuran | 4 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| SVOC | 84-66-2 | Diethyl Phthalate | 4 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| SVOC | 131-11-3 | Dimethyl Phthalate | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 84-74-2 | Di-n-Butyl Phthalate | 4 | 0 | 0 | µg/L | 1.5 | 1.5 | -- | -- |
| SVOC | 117-84-0 | Di-n-Octyl Phthalate | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 206-44-0 | Fluoranthene | 4 | 0 | 0 | µg/L | 0.038 | 0.038 | -- | -- |
| SVOC | 86-73-7 | Fluorene | 4 | 0 | 0 | µg/L | 0.035 | 0.035 | -- | -- |
| SVOC | 87-68-3 | Hexachloro-1,3-Butadiene | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 118-74-1 | Hexachlorobenzene | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 77-47-4 | Hexachlorocyclopentadiene | 4 | 0 | 0 | µg/L | 0.44 | 0.44 | -- | -- |
| SVOC | 67-72-1 | Hexachloroethane | 4 | 0 | 0 | µg/L | 0.98 | 0.98 | -- | -- |
| SVOC | 193-39-5 | Indeno (1,2,3-c,d) Pyrene | 4 | 0 | 0 | µg/L | 0.036 | 0.036 | -- | -- |
| SVOC | 78-59-1 | Isophorone | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 62-75-9 | N-Nitrosodimethylamine | 4 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 621-64-7 | N-Nitroso-di-n-propylamine | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 86-30-6 | N-Nitrosodiphenylamine | 4 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| SVOC | 87-86-5 | Pentachlorophenol | 4 | 0 | 0 | µg/L | 0.75 | 0.75 | -- | -- |
| SVOC | 85-01-8 | Phenanthrene | 4 | 0 | 0 | µg/L | 0.038 | 0.038 | -- | -- |
| SVOC | 108-95-2 | Phenol | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 129-00-0 | Pyrene | 4 | 0 | 0 | µg/L | 0.05 | 0.05 | -- | -- |
| SVOC | 110-86-1 | Pyridine | 4 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| VOC | 630-20-6 | 1,1,1,2-Tetrachloroethane | 48 | 0 | 0 | µg/L | 0.4 | 0.4 | -- | -- |
| VOC | 71-55-6 | 1,1,1-Trichloroethane | 48 | 1 | 2 | µg/L | 0.3 | 0.3 | 0.37 | 0.37 |
| VOC | 79-34-5 | 1,1,2,2-Tetrachloroethane | 48 | 0 | 0 | µg/L | 0.41 | 0.41 | -- | -- |
| VOC | 79-00-5 | 1,1,2-Trichloroethane | 48 | 0 | 0 | µg/L | 0.38 | 0.38 | -- | -- |
| VOC | 75-34-3 | 1,1-Dichloroethane | 48 | 0 | 0 | µg/L | 0.28 | 0.28 | -- | -- |
| VOC | 75-35-4 | 1,1-Dichloroethene | 48 | 0 | 0 | µg/L | 0.43 | 0.43 | -- | -- |
| VOC | 563-58-6 | 1,1-Dichloropropene | 48 | 0 | 0 | µg/L | 0.46 | 0.46 | -- | -- |
| VOC | 96-18-4 | 1,2,3-Trichloropropane | 48 | 0 | 0 | µg/L | 0.64 | 0.64 | -- | -- |
| VOC | 95-63-6 | 1,2,4-Trimethylbenzene | 48 | 0 | 0 | µg/L | 0.36 | 0.36 | -- | -- |
| VOC | 96-12-8 | 1,2-Dibromo-3-Chloropropane | 48 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| VOC | 106-93-4 | 1,2-Dibromoethane (EDB) | 48 | 0 | 0 | µg/L | 0.36 | 0.36 | -- | -- |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| VOC | 107-06-2 | 1,2-Dichloroethane | 48 | 1 | 2.1 | µg/L | 0.24 | 0.24 | 0.31 | 0.31 |
| VOC | 78-87-5 | 1,2-Dichloropropane | 48 | 0 | 0 | µg/L | 0.42 | 0.42 | -- | -- |
| VOC | 108-67-8 | 1,3,5-Trimethylbenzene | 48 | 0 | 0 | µg/L | 0.28 | 0.28 | -- | -- |
| VOC | 142-28-9 | 1,3-Dichloropropane | 48 | 0 | 0 | µg/L | 0.3 | 0.3 | -- | -- |
| VOC | 594-20-7 | 2,2-Dichloropropane | 48 | 0 | 0 | µg/L | 0.36 | 0.36 | -- | -- |
| VOC | 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | 48 | 0 | 0 | µg/L | 2.2 | 2.2 | -- | -- |
| VOC | 95-49-8 | 2-Chlorotoluene | 48 | 0 | 0 | µg/L | 0.24 | 0.24 | -- | -- |
| VOC | 591-78-6 | 2-Hexanone | 48 | 0 | 0 | µg/L | 2.1 | 2.1 | -- | -- |
| VOC | 106-43-4 | 4-Chlorotoluene | 48 | 0 | 0 | µg/L | 0.13 | 0.13 | -- | -- |
| VOC | 108-10-1 | 4-Methyl-2-Pentanone | 48 | 0 | 0 | µg/L | 4.4 | 4.4 | -- | -- |
| VOC | 67-64-1 | Acetone | 48 | 2 | 4.2 | µg/L | 6 | 10 | 6.7 | 8.3 |
| VOC | 71-43-2 | Benzene | 48 | 6 | 13 | µg/L | 0.14 | 0.14 | 0.15 | 0.89 |
| VOC | 108-86-1 | Bromobenzene | 48 | 0 | 0 | µg/L | 0.3 | 0.3 | -- | -- |
| VOC | 74-97-5 | Bromochloromethane | 48 | 2 | 4.2 | µg/L | 0.48 | 0.48 | 0.79 | 1.5 |
| VOC | 75-27-4 | Bromodichloromethane | 48 | 0 | 0 | µg/L | 0.21 | 0.21 | -- | -- |
| VOC | 75-25-2 | Bromoform | 48 | 0 | 0 | µg/L | 0.5 | 0.5 | -- | -- |
| VOC | 74-83-9 | Bromomethane | 48 | 0 | 0 | µg/L | 3.9 | 3.9 | -- | -- |
| VOC | 75-15-0 | Carbon Disulfide | 48 | 16 | 33 | µg/L | 0.41 | 0.41 | 0.45 | 9.3 |
| VOC | 56-23-5 | Carbon Tetrachloride | 48 | 0 | 0 | µg/L | 0.23 | 0.23 | -- | -- |
| VOC | 108-90-7 | Chlorobenzene | 48 | 0 | 0 | µg/L | 0.17 | 0.17 | -- | -- |
| VOC | 75-00-3 | Chloroethane | 48 | 0 | 0 | µg/L | 2.3 | 2.3 | -- | -- |
| VOC | 67-66-3 | Chloroform | 48 | 2 | 4.2 | µg/L | 0.46 | 0.46 | 0.5 | 0.67 |
| VOC | 74-87-3 | Chloromethane | 48 | 0 | 0 | µg/L | 1.8 | 1.8 | -- | -- |
| VOC | 156-59-2 | cis-1,2-Dichloroethene | 48 | 8 | 17 | µg/L | 0.48 | 0.48 | 0.64 | 11 |
| VOC | 10061-01-5 | cis-1,3-Dichloropropene | 48 | 0 | 0 | µg/L | 0.25 | 0.25 | -- | -- |
| VOC | 98-82-8 | Cumene (Isopropylbenzene) | 48 | 0 | 0 | µg/L | 0.58 | 0.58 | -- | -- |
| VOC | 124-48-1 | Dibromochloromethane | 48 | 0 | 0 | µg/L | 0.25 | 0.25 | -- | -- |
| VOC | 74-95-3 | Dibromomethane | 48 | 3 | 6.3 | µg/L | 0.46 | 0.46 | 0.71 | 2.1 |
| VOC | 108-20-3 | Diisopropyl Ether (DIPE) | 48 | 0 | 0 | µg/L | 0.33 | 0.33 | -- | -- |
| VOC | 100-41-4 | Ethylbenzene | 48 | 0 | 0 | µg/L | 0.14 | 0.14 | -- | -- |
| VOC | 637-92-3 | Ethyl-t-Butyl Ether (ETBE) | 48 | 0 | 0 | µg/L | 0.44 | 0.44 | -- | -- |
| VOC | 75-69-4 | Freon 11 | 48 | 0 | 0 | µg/L | 1.7 | 1.7 | -- | -- |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| VOC | 75-71-8 | Freon 12 | 48 | 0 | 0 | µg/L | 0.46 | 0.46 | -- | -- |
| VOC | 75-09-2 | Methylene Chloride | 48 | 0 | 0 | µg/L | 0.64 | 0.64 | -- | -- |
| VOC | 1634-04-4 | Methyl-tert-Butyl Ether | 48 | 0 | 0 | µg/L | 0.31 | 0.31 | -- | -- |
| VOC | 104-51-8 | n-Butylbenzene | 48 | 0 | 0 | µg/L | 0.23 | 0.23 | -- | -- |
| VOC | 95-47-6 | o-Xylene | 16 | 0 | 0 | µg/L | 0.23 | 0.23 | -- | -- |
| VOC | 1330-20-7-1 | p/m-Xylene | 16 | 0 | 0 | µg/L | 0.24 | 0.3 | -- | -- |
| VOC | 99-87-6 | p-Isopropyltoluene | 48 | 0 | 0 | µg/L | 0.16 | 0.16 | -- | -- |
| VOC | 103-65-1 | Propylbenzene | 48 | 0 | 0 | µg/L | 0.17 | 0.17 | -- | -- |
| VOC | 135-98-8 | sec-Butylbenzene | 48 | 0 | 0 | µg/L | 0.25 | 0.25 | -- | -- |
| VOC | 100-42-5 | Styrene | 48 | 0 | 0 | µg/L | 0.17 | 0.17 | -- | -- |
| VOC | 994-05-8 | tert-Amyl-Methyl Ether (TAME) | 48 | 0 | 0 | µg/L | 0.22 | 0.22 | -- | -- |
| VOC | 75-65-0 | tert-Butyl Alcohol (TBA) | 48 | 2 | 4.2 | µg/L | 4.6 | 4.6 | 6.6 | 8.5 |
| VOC | 98-06-6 | tert-Butylbenzene | 48 | 0 | 0 | µg/L | 0.28 | 0.28 | -- | -- |
| VOC | 127-18-4 | Tetrachloroethene | 48 | 0 | 0 | µg/L | 0.39 | 0.39 | -- | -- |
| VOC | 108-88-3 | Toluene | 48 | 0 | 0 | µg/L | 0.24 | 0.24 | -- | -- |
| VOC | 156-60-5 | trans-1,2-Dichloroethene | 48 | 0 | 0 | µg/L | 0.37 | 0.37 | -- | -- |
| VOC | 10061-02-6 | trans-1,3-Dichloropropene | 48 | 0 | 0 | µg/L | 0.25 | 0.25 | -- | -- |
| VOC | 79-01-6 | Trichloroethene | 48 | 0 | 0 | µg/L | 0.37 | 0.37 | -- | -- |
| VOC | 108-05-4 | Vinyl Acetate | 48 | 0 | 0 | µg/L | 2.8 | 2.8 | -- | -- |
| VOC | 75-01-4 | Vinyl Chloride | 48 | 0 | 0 | µg/L | 0.3 | 0.3 | -- | -- |
| VOC | 1330-20-7 | Xylenes, Total | 48 | 0 | 0 | µg/L | 0.23 | 0.24 | -- | -- |
| **Upper Gage** | | | | | | | | | | |
| | 15584-04-0 | Arsenate | 4 | 4 | 100 | µg/L | -- | -- | 0.3 | 6.61 |
| | 15502-74-6 | Arsenite | 4 | 4 | 100 | µg/L | -- | -- | 0.097 | 16.4 |
| | TPHC11C12 | Carbon Chain C11-C12 | 48 | 12 | 25 | µg/L | 14 | 14 | 15 | 49 |
| | TPHC13C14 | Carbon Chain C13-C14 | 48 | 9 | 19 | µg/L | 15 | 16 | 16 | 34 |
| | TPHC15C16 | Carbon Chain C15-C16 | 48 | 6 | 13 | µg/L | 16 | 17 | 21 | 24 |
| | TPHC17C18 | Carbon Chain C17-C18 | 48 | 0 | 0 | µg/L | 17 | 17 | -- | -- |
| | TPHC19C20 | Carbon Chain C19-C20 | 48 | 0 | 0 | µg/L | 17 | 18 | -- | -- |
| | TPHC21C22 | Carbon Chain C21-C22 | 48 | 0 | 0 | µg/L | 17 | 18 | -- | -- |
| | TPHC23C24 | Carbon Chain C23-C24 | 48 | 3 | 6.3 | µg/L | 17 | 18 | 20 | 28 |
| | TPHC25C28 | Carbon Chain C25-C28 | 48 | 10 | 21 | µg/L | 15 | 16 | 18 | 52 |

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Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| | TPHC29C32 | Carbon Chain C29-C32 | 48 | 7 | 15 | µg/L | 8.1 | 8.5 | 8.9 | 32 |
| | TPHC33C36 | Carbon Chain C33-C36 | 48 | 4 | 8.3 | µg/L | 7.5 | 7.9 | 9.4 | 33 |
| | TPHC37C40 | Carbon Chain C37-C40 | 48 | 6 | 13 | µg/L | 6.5 | 6.8 | 7.4 | 12 |
| | TPHC41C44 | Carbon Chain C41-C44 | 48 | 2 | 4.2 | µg/L | 6.3 | 6.6 | 7.8 | 8 |
| | TPHC6 | Carbon Chain C6 | 48 | 21 | 44 | µg/L | 1.3 | 1.4 | 1.5 | 160 |
| | TPHC7 | Carbon Chain C7 | 48 | 15 | 31 | µg/L | 5.8 | 6.1 | 6.9 | 38 |
| | TPHC8 | Carbon Chain C8 | 48 | 20 | 42 | µg/L | 9.4 | 9.9 | 10 | 87 |
| | TPHC9C10 | Carbon Chain C9-C10 | 48 | 22 | 46 | µg/L | 12 | 13 | 13 | 120 |
| | DOC | Dissolved Organic Carbon | 4 | 4 | 100 | mg/L | -- | -- | 6.8 | 30 |
| | ALKH | Hydroxide Alkalinity as CACO3 | 4 | 0 | 0 | mg/L | 0.85 | 0.85 | -- | -- |
| | NH3N | Nitrogen, Ammonia (as N) | 4 | 3 | 75 | mg/L | 0.094 | 0.094 | 0.5 | 0.62 |
| | 7440-09-7 | Potassium | 8 | 8 | 100 | mg/L | -- | -- | 7.69 | 19.4 |
| | 7440-23-5 | Sodium | 8 | 8 | 100 | mg/L | -- | -- | 131 | 338 |
| | PO4TOT | Total Phosphate (as PO4) | 4 | 4 | 100 | mg/L | -- | -- | 0.52 | 1.5 |
| GENERAL | ALK | Alkalinity, Total (as CaCO3) | 8 | 8 | 100 | mg/L | -- | -- | 108 | 357 |
| GENERAL | 16887-00-6 | Chloride | 8 | 8 | 100 | mg/L | -- | -- | 130 | 490 |
| GENERAL | HARD | Hardness (AS CaCO3) | 4 | 4 | 100 | mg/L | -- | -- | 170 | 270 |
| GENERAL | MBAS | MBAS | 4 | 1 | 25 | mg/L | 0.089 | 0.089 | 0.12 | 0.12 |
| GENERAL | 14797-55-8 | Nitrate (as N) | 8 | 1 | 13 | mg/L | 0.025 | 0.037 | 0.1 | 0.1 |
| GENERAL | 14797-65-0 | Nitrite (as N) | 4 | 0 | 0 | mg/L | 0.016 | 0.016 | -- | -- |
| GENERAL | TDS | Solids, Total Dissolved | 8 | 8 | 100 | mg/L | -- | -- | 600 | 1220 |
| GENERAL | 14808-79-8 | Sulfate | 8 | 8 | 100 | mg/L | -- | -- | 2.6 | 350 |
| GENERAL | S | Sulfide | 4 | 1 | 25 | mg/L | 0.03 | 0.03 | 0.2 | 0.2 |
| INORGANIC | ALKB | Bicarbonate Alkalinity as CACO3 | 8 | 8 | 100 | mg/L | -- | -- | 108 | 357 |
| INORGANIC | CO3 | Carbonate (AS CO3) | 8 | 1 | 13 | mg/L | 0.85 | 0.85 | 20 | 20 |
| METALS | 7429-90-5 | Aluminum | 4 | 4 | 100 | mg/L | -- | -- | 0.00702 | 0.106 |
| METALS | 7440-36-0 | Antimony | 20 | 12 | 60 | mg/L | 0.0000995 | 0.00787 | 0.000124 | 0.0101 |
| METALS | 7440-38-2 | Arsenic | 24 | 22 | 92 | mg/L | 0.00438 | 0.00438 | 0.00246 | 0.0267 |
| METALS | 7440-39-3 | Barium | 20 | 20 | 100 | mg/L | -- | -- | 0.0139 | 0.316 |
| METALS | 7440-41-7 | Beryllium | 20 | 0 | 0 | mg/L | 0.00029 | 0.00439 | -- | -- |
| METALS | 7440-43-9 | Cadmium | 20 | 0 | 0 | mg/L | 0.000128 | 0.00454 | -- | -- |
| METALS | 7440-70-2 | Calcium | 8 | 8 | 100 | mg/L | -- | -- | 35.8 | 142 |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| METALS | 7440-47-3 | Chromium | 24 | 3 | 12.5 | mg/L | 0.0004 | 0.00436 | 0.00055 | 0.00552 |
| METALS | 7440-48-4 | Cobalt | 20 | 12 | 60 | mg/L | 0.00295 | 0.00441 | 0.000101 | 0.000475 |
| METALS | 7440-50-8 | Copper | 24 | 18 | 75 | mg/L | 0.00267 | 0.00392 | 0.000709 | 0.00612 |
| METALS | 7439-89-6 | Iron | 8 | 8 | 100 | mg/L | -- | -- | 0.0592 | 0.287 |
| METALS | 7439-92-1 | Lead | 20 | 7 | 35 | mg/L | 0.0000898 | 0.00693 | 0.0000939 | 0.00748 |
| METALS | 7439-95-4 | Magnesium | 8 | 8 | 100 | mg/L | -- | -- | 13.2 | 38.3 |
| METALS | 7439-96-5 | Manganese | 8 | 8 | 100 | mg/L | -- | -- | 0.00933 | 0.232 |
| METALS | 7439-97-6 | Mercury | 20 | 1 | 5 | mg/L | 0.00003 | 0.0000453 | 0.00004 | 0.00004 |
| METALS | 7439-98-7 | Molybdenum | 20 | 16 | 80 | mg/L | 0.00278 | 0.00278 | 0.000952 | 0.0167 |
| METALS | 7440-02-0 | Nickel | 20 | 12 | 60 | mg/L | 0.00298 | 0.00433 | 0.00178 | 0.0135 |
| METALS | 7782-49-2 | Selenium | 20 | 4 | 20 | mg/L | 0.000168 | 0.0107 | 0.000176 | 0.00133 |
| METALS | 7440-22-4 | Silver | 20 | 0 | 0 | mg/L | 0.000111 | 0.00211 | -- | -- |
| METALS | 7440-28-0 | Thallium | 20 | 2 | 10 | mg/L | 0.000101 | 0.0054 | 0.00292 | 0.00313 |
| METALS | 7440-62-2 | Vanadium | 20 | 4 | 20 | mg/L | 0.000149 | 0.00449 | 0.000269 | 0.0112 |
| METALS | 7440-66-6 | Zinc | 20 | 17 | 85 | mg/L | 0.00352 | 0.00352 | 0.00362 | 1.16 |
| Method-dependent | 87-61-6 | 1,2,3-Trichlorobenzene | 48 | 0 | 0 | µg/L | 0.51 | 0.51 | -- | -- |
| Method-dependent | 120-82-1 | 1,2,4-Trichlorobenzene | 48 | 0 | 0 | µg/L | 0.5 | 0.5 | -- | -- |
| Method-dependent | 95-50-1 | 1,2-Dichlorobenzene | 48 | 0 | 0 | µg/L | 0.46 | 0.46 | -- | -- |
| Method-dependent | 541-73-1 | 1,3-Dichlorobenzene | 48 | 0 | 0 | µg/L | 0.4 | 0.4 | -- | -- |
| Method-dependent | 106-46-7 | 1,4-Dichlorobenzene | 48 | 0 | 0 | µg/L | 0.43 | 0.43 | -- | -- |
| Method-dependent | 91-20-3 | Naphthalene | 48 | 4 | 8 | µg/L | 2.5 | 2.5 | 0.047 | 0.4 |
| Method-dependent | 98-95-3 | Nitrobenzene | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| ORGANIC | 106-44-5 | 3/4-Methylphenol | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| ORGANIC | 85-68-7 | Butyl Benzyl Phthalate | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| ORGANIC | 64-17-5 | Ethanol | 48 | 0 | 0 | µg/L | 50 | 50 | -- | -- |
| ORGANIC | 16984-48-8 | Fluoride | 8 | 8 | 100 | mg/L | -- | -- | 0.13 | 0.64 |
| ORGANIC | 76-13-1 | Freon 113 | 48 | 0 | 0 | µg/L | 0.78 | 0.78 | -- | -- |
| ORGANIC | TPHC6C44 | Total Petroleum Hydrocarbons (C6-C44) | 48 | 21 | 44 | µg/L | 45 | 47 | 52 | 580 |
| ORGANIC | 68334-30-5 | TPH as Diesel | 48 | 39 | 81 | µg/L | 32 | 33 | 34 | 200 |
| ORGANIC | PHCG | TPH as Gasoline | 48 | 24 | 50 | µg/L | 48 | 48 | 49 | 710 |
| ORGANIC | TPHMOIL | TPH as Motor Oil | 48 | 0 | 0 | µg/L | 200 | 210 | -- | -- |
| SVOC | 90-12-0 | 1-Methylnaphthalene | 4 | 0 | 0 | µg/L | 0.036 | 0.036 | -- | -- |

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Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| SVOC | 95-95-4 | 2,4,5-Trichlorophenol | 4 | 0 | 0 | µg/L | 0.97 | 0.97 | -- | -- |
| SVOC | 88-06-2 | 2,4,6-Trichlorophenol | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 120-83-2 | 2,4-Dichlorophenol | 4 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 105-67-9 | 2,4-Dimethylphenol | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 51-28-5 | 2,4-Dinitrophenol | 4 | 0 | 0 | µg/L | 2.6 | 2.6 | -- | -- |
| SVOC | 121-14-2 | 2,4-Dinitrotoluene | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 606-20-2 | 2,6-Dinitrotoluene | 4 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 91-58-7 | 2-Chloronaphthalene | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 95-57-8 | 2-Chlorophenol | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 91-57-6 | 2-Methylnaphthalene | 4 | 0 | 0 | µg/L | 0.035 | 0.035 | -- | -- |
| SVOC | 95-48-7 | 2-Methylphenol | 4 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 88-74-4 | 2-Nitroaniline | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 88-75-5 | 2-Nitrophenol | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 91-94-1 | 3,3'-Dichlorobenzidine | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 99-09-2 | 3-Nitroaniline | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 534-52-1 | 4,6-Dinitro-2-Methylphenol | 4 | 0 | 0 | µg/L | 3.4 | 3.4 | -- | -- |
| SVOC | 101-55-3 | 4-Bromophenyl-Phenyl Ether | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 59-50-7 | 4-Chloro-3-Methylphenol | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 106-47-8 | 4-Chloroaniline | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 7005-72-3 | 4-Chlorophenyl-Phenyl Ether | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 100-01-6 | 4-Nitroaniline | 4 | 0 | 0 | µg/L | 2.4 | 2.4 | -- | -- |
| SVOC | 100-02-7 | 4-Nitrophenol | 4 | 0 | 0 | µg/L | 0.86 | 0.86 | -- | -- |
| SVOC | 83-32-9 | Acenaphthene | 4 | 0 | 0 | µg/L | 0.037 | 0.037 | -- | -- |
| SVOC | 208-96-8 | Acenaphthylene | 4 | 0 | 0 | µg/L | 0.033 | 0.033 | -- | -- |
| SVOC | 62-53-3 | Aniline | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 120-12-7 | Anthracene | 4 | 0 | 0 | µg/L | 0.036 | 0.036 | -- | -- |
| SVOC | 103-33-3 | Azobenzene | 4 | 0 | 0 | µg/L | 1.7 | 1.7 | -- | -- |
| SVOC | 92-87-5 | Benzidine | 4 | 0 | 0 | µg/L | 0.62 | 0.62 | -- | -- |
| SVOC | 56-55-3 | Benzo (a) Anthracene | 4 | 0 | 0 | µg/L | 0.043 | 0.043 | -- | -- |
| SVOC | 50-32-8 | Benzo (a) Pyrene | 4 | 0 | 0 | µg/L | 0.035 | 0.035 | -- | -- |
| SVOC | 205-99-2 | Benzo (b) Fluoranthene | 4 | 0 | 0 | µg/L | 0.036 | 0.036 | -- | -- |
| SVOC | 191-24-2 | Benzo (g,h,i) Perylene | 4 | 0 | 0 | µg/L | 0.037 | 0.037 | -- | -- |

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| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| SVOC | 207-08-9 | Benzo (k) Fluoranthene | 4 | 0 | 0 | µg/L | 0.05 | 0.05 | -- | -- |
| SVOC | 65-85-0 | Benzoic Acid | 4 | 0 | 0 | µg/L | 0.43 | 0.43 | -- | -- |
| SVOC | 100-51-6 | Benzyl Alcohol | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 111-91-1 | Bis(2-Chloroethoxy) Methane | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 111-44-4 | Bis(2-Chloroethyl) Ether | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 108-60-1 | Bis(2-Chloroisopropyl) Ether | 4 | 0 | 0 | µg/L | 1.5 | 1.5 | -- | -- |
| SVOC | 117-81-7 | Bis(2-Ethylhexyl) Phthalate | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 218-01-9 | Chrysene | 4 | 0 | 0 | µg/L | 0.041 | 0.041 | -- | -- |
| SVOC | 53-70-3 | Dibenz (a,h) Anthracene | 4 | 0 | 0 | µg/L | 0.039 | 0.039 | -- | -- |
| SVOC | 132-64-9 | Dibenzofuran | 4 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| SVOC | 84-66-2 | Diethyl Phthalate | 4 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| SVOC | 131-11-3 | Dimethyl Phthalate | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 84-74-2 | Di-n-Butyl Phthalate | 4 | 0 | 0 | µg/L | 1.5 | 1.5 | -- | -- |
| SVOC | 117-84-0 | Di-n-Octyl Phthalate | 4 | 0 | 0 | µg/L | 1 | 1 | -- | -- |
| SVOC | 206-44-0 | Fluoranthene | 4 | 0 | 0 | µg/L | 0.038 | 0.038 | -- | -- |
| SVOC | 86-73-7 | Fluorene | 4 | 0 | 0 | µg/L | 0.035 | 0.035 | -- | -- |
| SVOC | 87-68-3 | Hexachloro-1,3-Butadiene | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 118-74-1 | Hexachlorobenzene | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 77-47-4 | Hexachlorocyclopentadiene | 4 | 0 | 0 | µg/L | 0.44 | 0.44 | -- | -- |
| SVOC | 67-72-1 | Hexachloroethane | 4 | 0 | 0 | µg/L | 0.98 | 0.98 | -- | -- |
| SVOC | 193-39-5 | Indeno (1,2,3-c,d) Pyrene | 4 | 0 | 0 | µg/L | 0.036 | 0.036 | -- | -- |
| SVOC | 78-59-1 | Isophorone | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 62-75-9 | N-Nitrosodimethylamine | 4 | 0 | 0 | µg/L | 1.1 | 1.1 | -- | -- |
| SVOC | 621-64-7 | N-Nitroso-di-n-propylamine | 4 | 0 | 0 | µg/L | 1.3 | 1.3 | -- | -- |
| SVOC | 86-30-6 | N-Nitrosodiphenylamine | 4 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| SVOC | 87-86-5 | Pentachlorophenol | 4 | 0 | 0 | µg/L | 0.75 | 0.75 | -- | -- |
| SVOC | 85-01-8 | Phenanthrene | 4 | 0 | 0 | µg/L | 0.038 | 0.038 | -- | -- |
| SVOC | 108-95-2 | Phenol | 4 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| SVOC | 129-00-0 | Pyrene | 4 | 0 | 0 | µg/L | 0.05 | 0.05 | -- | -- |
| SVOC | 110-86-1 | Pyridine | 4 | 0 | 0 | µg/L | 1.4 | 1.4 | -- | -- |
| VOC | 630-20-6 | 1,1,1,2-Tetrachloroethane | 48 | 0 | 0 | µg/L | 0.4 | 0.4 | -- | -- |
| VOC | 71-55-6 | 1,1,1-Trichloroethane | 48 | 0 | 0 | µg/L | 0.3 | 0.3 | -- | -- |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| VOC | 79-34-5 | 1,1,2,2-Tetrachloroethane | 48 | 0 | 0 | µg/L | 0.41 | 0.41 | -- | -- |
| VOC | 79-00-5 | 1,1,2-Trichloroethane | 48 | 0 | 0 | µg/L | 0.38 | 0.38 | -- | -- |
| VOC | 75-34-3 | 1,1-Dichloroethane | 48 | 0 | 0 | µg/L | 0.28 | 0.28 | -- | -- |
| VOC | 75-35-4 | 1,1-Dichloroethene | 48 | 2 | 4.2 | µg/L | 0.43 | 0.43 | 0.48 | 0.57 |
| VOC | 563-58-6 | 1,1-Dichloropropene | 48 | 0 | 0 | µg/L | 0.46 | 0.46 | -- | -- |
| VOC | 96-18-4 | 1,2,3-Trichloropropane | 48 | 3 | 6.3 | µg/L | 0.64 | 0.64 | 1.1 | 3.4 |
| VOC | 95-63-6 | 1,2,4-Trimethylbenzene | 48 | 11 | 23 | µg/L | 0.36 | 0.36 | 0.36 | 1.6 |
| VOC | 96-12-8 | 1,2-Dibromo-3-Chloropropane | 48 | 0 | 0 | µg/L | 1.2 | 1.2 | -- | -- |
| VOC | 106-93-4 | 1,2-Dibromoethane (EDB) | 48 | 0 | 0 | µg/L | 0.36 | 0.36 | -- | -- |
| VOC | 107-06-2 | 1,2-Dichloroethane | 48 | 28 | 58 | µg/L | 0.24 | 0.24 | 0.4 | 3.6 |
| VOC | 78-87-5 | 1,2-Dichloropropane | 48 | 0 | 0 | µg/L | 0.42 | 0.42 | -- | -- |
| VOC | 108-67-8 | 1,3,5-Trimethylbenzene | 48 | 1 | 2.1 | µg/L | 0.28 | 0.28 | 0.59 | 0.59 |
| VOC | 142-28-9 | 1,3-Dichloropropane | 48 | 0 | 0 | µg/L | 0.3 | 0.3 | -- | -- |
| VOC | 594-20-7 | 2,2-Dichloropropane | 48 | 0 | 0 | µg/L | 0.36 | 0.36 | -- | -- |
| VOC | 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | 48 | 0 | 0 | µg/L | 2.2 | 2.2 | -- | -- |
| VOC | 95-49-8 | 2-Chlorotoluene | 48 | 0 | 0 | µg/L | 0.24 | 0.24 | -- | -- |
| VOC | 591-78-6 | 2-Hexanone | 48 | 0 | 0 | µg/L | 2.1 | 2.1 | -- | -- |
| VOC | 106-43-4 | 4-Chlorotoluene | 48 | 0 | 0 | µg/L | 0.13 | 0.13 | -- | -- |
| VOC | 108-10-1 | 4-Methyl-2-Pentanone | 48 | 0 | 0 | µg/L | 4.4 | 4.4 | -- | -- |
| VOC | 67-64-1 | Acetone | 48 | 1 | 2.1 | µg/L | 6 | 10 | 7 | 7 |
| VOC | 71-43-2 | Benzene | 48 | 35 | 73 | µg/L | 0.14 | 0.14 | 0.15 | 370 |
| VOC | 108-86-1 | Bromobenzene | 48 | 0 | 0 | µg/L | 0.3 | 0.3 | -- | -- |
| VOC | 74-97-5 | Bromochloromethane | 48 | 1 | 2 | µg/L | 0.48 | 0.48 | 1 | 1 |
| VOC | 75-27-4 | Bromodichloromethane | 48 | 1 | 2 | µg/L | 0.21 | 0.21 | 0.42 | 0.42 |
| VOC | 75-25-2 | Bromoform | 48 | 0 | 0 | µg/L | 0.5 | 0.5 | -- | -- |
| VOC | 74-83-9 | Bromomethane | 48 | 0 | 0 | µg/L | 3.9 | 3.9 | -- | -- |
| VOC | 75-15-0 | Carbon Disulfide | 48 | 10 | 21 | µg/L | 0.41 | 0.41 | 0.45 | 4.8 |
| VOC | 56-23-5 | Carbon Tetrachloride | 48 | 0 | 0 | µg/L | 0.23 | 0.23 | -- | -- |
| VOC | 108-90-7 | Chlorobenzene | 48 | 0 | 0 | µg/L | 0.17 | 0.17 | -- | -- |
| VOC | 75-00-3 | Chloroethane | 48 | 1 | 2 | µg/L | 2.3 | 2.3 | 3.4 | 3.4 |
| VOC | 67-66-3 | Chloroform | 48 | 4 | 8.3 | µg/L | 0.46 | 0.46 | 0.5 | 1.8 |
| VOC | 74-87-3 | Chloromethane | 48 | 0 | 0 | µg/L | 1.8 | 1.8 | -- | -- |

**Table 3**
**Statistical Summary of Groundwater Data**
Former Kast Property

| Category | CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Units | Minimum DL | Maximum DL | Minimum Detected Value | Maximum Detected Value |
|---|---|---|---|---|---|---|---|---|---|---|
| VOC | 156-59-2 | cis-1,2-Dichloroethene | 48 | 26 | 54 | µg/L | 0.48 | 0.48 | 0.48 | 71 |
| VOC | 10061-01-5 | cis-1,3-Dichloropropene | 48 | 0 | 0 | µg/L | 0.25 | 0.25 | -- | -- |
| VOC | 98-82-8 | Cumene (Isopropylbenzene) | 48 | 2 | 4.2 | µg/L | 0.58 | 0.58 | 0.9 | 0.96 |
| VOC | 124-48-1 | Dibromochloromethane | 48 | 1 | 2 | µg/L | 0.25 | 0.25 | 0.32 | 0.32 |
| VOC | 74-95-3 | Dibromomethane | 48 | 0 | 0 | µg/L | 0.46 | 0.46 | -- | -- |
| VOC | 108-20-3 | Diisopropyl Ether (DIPE) | 48 | 21 | 44 | µg/L | 0.33 | 0.33 | 0.36 | 2.8 |
| VOC | 100-41-4 | Ethylbenzene | 48 | 17 | 35 | µg/L | 0.14 | 0.14 | 0.16 | 14 |
| VOC | 637-92-3 | Ethyl-t-Butyl Ether (ETBE) | 48 | 0 | 0 | µg/L | 0.44 | 0.44 | -- | -- |
| VOC | 75-69-4 | Freon 11 | 48 | 0 | 0 | µg/L | 1.7 | 1.7 | -- | -- |
| VOC | 75-71-8 | Freon 12 | 48 | 0 | 0 | µg/L | 0.46 | 0.46 | -- | -- |
| VOC | 75-09-2 | Methylene Chloride | 48 | 1 | 2 | µg/L | 0.64 | 0.64 | 1.1 | 1.1 |
| VOC | 1634-04-4 | Methyl-tert-Butyl Ether | 48 | 0 | 0 | µg/L | 0.31 | 0.31 | -- | -- |
| VOC | 104-51-8 | n-Butylbenzene | 48 | 0 | 0 | µg/L | 0.23 | 0.23 | -- | -- |
| VOC | 95-47-6 | o-Xylene | 16 | 0 | 0 | µg/L | 0.23 | 0.23 | -- | -- |
| VOC | 1330-20-7-1 | p/m-Xylene | 16 | 3 | 19 | µg/L | 0.24 | 0.3 | 0.54 | 0.7 |
| VOC | 99-87-6 | p-Isopropyltoluene | 48 | 0 | 0 | µg/L | 0.16 | 0.16 | -- | -- |
| VOC | 103-65-1 | Propylbenzene | 48 | 6 | 13 | µg/L | 0.17 | 0.17 | 0.2 | 0.52 |
| VOC | 135-98-8 | sec-Butylbenzene | 48 | 0 | 0 | µg/L | 0.25 | 0.25 | -- | -- |
| VOC | 100-42-5 | Styrene | 48 | 0 | 0 | µg/L | 0.17 | 0.17 | -- | -- |
| VOC | 994-05-8 | tert-Amyl-Methyl Ether (TAME) | 48 | 0 | 0 | µg/L | 0.22 | 0.22 | -- | -- |
| VOC | 75-65-0 | tert-Butyl Alcohol (TBA) | 48 | 29 | 60 | µg/L | 4.6 | 4.6 | 5.9 | 250 |
| VOC | 98-06-6 | tert-Butylbenzene | 48 | 0 | 0 | µg/L | 0.28 | 0.28 | -- | -- |
| VOC | 127-18-4 | Tetrachloroethene | 48 | 0 | 0 | µg/L | 0.39 | 0.39 | -- | -- |
| VOC | 108-88-3 | Toluene | 48 | 11 | 23 | µg/L | 0.24 | 0.24 | 0.25 | 3.6 |
| VOC | 156-60-5 | trans-1,2-Dichloroethene | 48 | 12 | 25 | µg/L | 0.37 | 0.37 | 0.57 | 3.5 |
| VOC | 10061-02-6 | trans-1,3-Dichloropropene | 48 | 0 | 0 | µg/L | 0.25 | 0.25 | -- | -- |
| VOC | 79-01-6 | Trichloroethene | 48 | 11 | 23 | µg/L | 0.37 | 0.37 | 0.41 | 2.2 |
| VOC | 108-05-4 | Vinyl Acetate | 48 | 0 | 0 | µg/L | 2.8 | 2.8 | -- | -- |
| VOC | 75-01-4 | Vinyl Chloride | 48 | 0 | 0 | µg/L | 0.3 | 0.3 | -- | -- |
| VOC | 1330-20-7 | Xylenes, Total | 48 | 12 | 25 | µg/L | 0.23 | 0.24 | 0.27 | 8.8 |

Notes:
-- not applicable; DL = detection limit

**Table 4**
**Soil Matrix Constituent of Concern Screening**
Former Kast Property

| CAS Number | Chemical[1] | Maximum Detected Concentration | Units | Potential Leaching to GW[2]? | RBSLc | RBSLnc | RBSLc × 0.1 | RBSLnc × 0.1 | BTV | Rationale for Exclusion as a COC[3] | COC? | Site-Related COC[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | | | | | |
| 7440-36-0 | Antimony | 6.5E+00 | mg/kg | Yes | -- | 3.1E+01 | -- | 3.1E+00 | 7.4E-01 | -- | Yes | No |
| 7440-38-2 | Arsenic | 6.3E+01 | mg/kg | Yes | 3.9E-01 | 2.2E+01 | 3.9E-02 | 2.2E+00 | 1.2E+01 | -- | Yes | Yes |
| 7440-39-3 | Barium | 1.0E+03 | mg/kg | No | -- | 1.6E+04 | -- | 1.6E+03 | 2.0E+02 | <RBSLc, <RBSLnc | No | No |
| 7440-41-7 | Beryllium | 1.2E+00 | mg/kg | No | 1.2E+05 | 1.6E+02 | 1.2E+04 | 1.6E+01 | 5.6E-01 | <RBSLc, <RBSLnc | No | No |
| 7440-43-9 | Cadmium | 9.0E+00 | mg/kg | No | 6.7E+04 | 7.0E+01 | 6.7E+03 | 7.0E+00 | 3.8E+00 | Considered within bkgd | No[5] | No |
| 7440-47-3 | Chromium | 7.4E+01 | mg/kg | No | -- | 1.2E+05 | -- | 1.2E+04 | 3.3E+01 | <RBSLc, <RBSLnc | No | No |
| 18540-29-9 | Chromium, Hexavalent | 4.8E+00 | mg/kg | No | 1.9E+03 | 2.3E+02 | 1.9E+02 | 2.3E+01 | -- | -- | Yes[6] | No |
| 7440-48-4 | Cobalt | 3.1E+01 | mg/kg | No | 3.1E+04 | 2.3E+01 | 3.1E+03 | 2.3E+00 | 1.1E+01 | -- | Yes | No |
| 7440-50-8 | Copper | 1.2E+03 | mg/kg | No | -- | 3.1E+03 | -- | 3.1E+02 | 5.9E+01 | Considered within bkgd | No[5] | No |
| 7439-92-1 | Lead | 1.3E+03 | mg/kg | No | -- | 8.0E+01 | -- | 8.0E+00 | 6.2E+01 | -- | Yes | Yes |
| 7439-97-6 | Mercury | 1.3E+00 | mg/kg | No | -- | 2.3E+01 | -- | 2.3E+00 | 1.3E-01 | <RBSLc, <RBSLnc | No | No |
| 7439-98-7 | Molybdenum | 2.4E+01 | mg/kg | No | -- | 3.9E+02 | -- | 3.9E+01 | 4.1E-01 | <RBSLc, <RBSLnc | No | No |
| 7440-02-0 | Nickel | 4.3E+01 | mg/kg | No | 1.1E+06 | 1.6E+03 | 1.1E+05 | 1.6E+02 | 2.0E+01 | <RBSLc, <RBSLnc | No | No |
| 7782-49-2 | Selenium | 9.0E+00 | mg/kg | No | -- | 3.9E+02 | -- | 3.9E+01 | 7.8E-01 | <RBSLc, <RBSLnc | No | No |
| 7440-22-4 | Silver | 3.8E+00 | mg/kg | No | -- | 3.9E+02 | -- | 3.9E+01 | 1.3E+00 | <RBSLc, <RBSLnc | No | No |
| 7440-28-0 | Thallium | 3.5E+00 | mg/kg | Yes | -- | 7.8E-01 | -- | 7.8E-02 | 2.3E-01 | -- | Yes | No |
| 7440-62-2 | Vanadium | 8.6E+01 | mg/kg | No | -- | 5.5E+02 | -- | 5.5E+01 | 4.6E+01 | -- | Yes | No |
| 7440-66-6 | Zinc | 5.8E+03 | mg/kg | No | -- | 2.3E+04 | -- | 2.3E+03 | 2.9E+02 | Considered within bkgd | No[5] | No |
| **PAHs** | | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | 1.7E+01 | mg/kg | No | -- | 3.2E+03 | -- | 3.2E+02 | -- | <RBSLc, <RBSLnc | No | No |
| 208-96-8 | Acenaphthylene | 4.5E+00 | mg/kg | No | -- | 1.7E+04 | -- | 1.7E+03 | -- | <RBSLc, <RBSLnc | No | No |
| 120-12-7 | Anthracene | 2.6E+01 | mg/kg | No | -- | 1.7E+04 | -- | 1.7E+03 | -- | <RBSLc, <RBSLnc | No | No |
| 56-55-3 | Benzo (a) Anthracene | 4.7E+01 | mg/kg | No | 1.6E+00 | -- | 1.6E-01 | -- | -- | -- | Yes | Yes |
| 50-32-8 | Benzo (a) Pyrene | 2.2E+01 | mg/kg | No | 1.6E-01 | -- | 1.6E-02 | -- | 9.0E-01 | -- | Yes | Yes |
| 205-99-2 | Benzo (b) Fluoranthene | 1.6E+01 | mg/kg | No | 1.6E+00 | -- | 1.6E-01 | -- | -- | -- | Yes | Yes |
| 191-24-2 | Benzo (g,h,i) Perylene | 1.3E+01 | mg/kg | No | -- | 1.7E+03 | -- | 1.7E+02 | -- | <RBSLc, <RBSLnc | No | No |
| 207-08-9 | Benzo (k) Fluoranthene | 4.6E+00 | mg/kg | No | 1.6E+00 | -- | 1.6E-01 | -- | -- | -- | Yes | Yes |
| 218-01-9 | Chrysene | 1.3E+02 | mg/kg | No | 1.6E+01 | -- | 1.6E+00 | -- | -- | -- | Yes | Yes |
| 53-70-3 | Dibenz (a,h) Anthracene | 3.4E+00 | mg/kg | No | 1.1E-01 | -- | 1.1E-02 | -- | -- | -- | Yes | Yes |

**Table 4**
**Soil Matrix Constituent of Concern Screening**
Former Kast Property

| CAS Number | Chemical[1] | Maximum Detected Concentration | Units | Potential Leaching to GW[2]? | RBSLc | RBSLnc | RBSLc × 0.1 | RBSLnc × 0.1 | BTV | Rationale for Exclusion as a COC[3] | COC? | Site-Related COC[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 206-44-0 | Fluoranthene | 2.9E+01 | mg/kg | No | -- | 2.3E+03 | -- | 2.3E+02 | -- | <RBSLc, <RBSLnc | No | No |
| 86-73-7 | Fluorene | 2.3E+01 | mg/kg | No | -- | 2.2E+03 | -- | 2.2E+02 | -- | <RBSLc, <RBSLnc | No | No |
| 193-39-5 | Indeno (1,2,3-c,d) Pyrene | 3.2E+00 | mg/kg | No | 1.6E+00 | -- | 1.6E-01 | -- | -- | -- | Yes | Yes |
| 90-12-0 | 1-Methylnaphthalene | 1.6E+02 | mg/kg | No | 2.2E+01 | 5.5E+03 | 2.2E+00 | 5.5E+02 | -- | -- | Yes | Yes |
| 91-57-6 | 2-Methylnaphthalene | 2.8E+02 | mg/kg | No | -- | 3.1E+02 | -- | 3.1E+01 | -- | -- | Yes | Yes |
| 91-20-3 | Naphthalene | 9.2E+04 | µg/kg | Yes | 4.1E+03 | 3.7E+05 | 4.1E+02 | 3.7E+04 | -- | -- | Yes | Yes |
| 85-01-8 | Phenanthrene | 1.0E+02 | mg/kg | No | -- | 1.7E+03 | -- | 1.7E+02 | -- | <RBSLc, <RBSLnc | No | No |
| 129-00-0 | Pyrene | 2.4E+02 | mg/kg | No | -- | 1.7E+03 | -- | 1.7E+02 | -- | -- | Yes | Yes |
| **SVOCs** | | | | | | | | | | | | |
| 121-14-2 | 2,4-Dinitrotoluene | 3.1E+00 | mg/kg | No | 1.6E+00 | 1.2E+02 | 1.6E-01 | 1.2E+01 | -- | -- | Yes | No |
| MEPH4 | 4-Methylphenol (p-Cresol) | 2.2E-01 | mg/kg | No | -- | 6.1E+03 | -- | 6.1E+02 | -- | <RBSLc, <RBSLnc | No | No |
| 62-53-3 | Aniline | 4.0E+00 | mg/kg | No | 8.5E+01 | 4.3E+02 | 8.5E+00 | 4.3E+01 | -- | <RBSLc, <RBSLnc | No | No |
| 65-85-0 | Benzoic Acid | 1.5E+00 | mg/kg | No | -- | 2.4E+05 | -- | 2.4E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 117-81-7 | Bis(2-Ethylhexyl) Phthalate | 2.2E+01 | mg/kg | No | 3.5E+01 | 1.2E+03 | 3.5E+00 | 1.2E+02 | -- | -- | Yes | No |
| 85-68-7 | Butyl Benzyl Phthalate | 3.1E+00 | mg/kg | No | 2.6E+02 | 1.2E+04 | 2.6E+01 | 1.2E+03 | -- | <RBSLc, <RBSLnc | No | No |
| 132-64-9 | Dibenzofuran | 1.2E+00 | mg/kg | No | -- | 1.5E+02 | -- | 1.5E+01 | -- | <RBSLc, <RBSLnc | No | No |
| 84-66-2 | Diethyl Phthalate | 3.1E+00 | mg/kg | No | -- | 4.9E+04 | -- | 4.9E+03 | -- | <RBSLc, <RBSLnc | No | No |
| 131-11-3 | Dimethyl Phthalate | 2.7E+00 | mg/kg | No | -- | 6.1E+05 | -- | 6.1E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 84-74-2 | Di-n-Butyl Phthalate | 3.3E-01 | mg/kg | No | -- | 6.1E+03 | -- | 6.1E+02 | -- | <RBSLc, <RBSLnc | No | No |
| **TPH** | | | | | | | | | | | | |
| 68334-30-5 | TPH as Diesel | 1.4E+05 | mg/kg | Yes | -- | 1.3E+03 | -- | 1.3E+02 | -- | -- | Yes | Yes |
| PHCG | TPH as Gasoline | 9.8E+03 | mg/kg | Yes | -- | 7.6E+02 | -- | 7.6E+01 | -- | -- | Yes | Yes |
| TPHMOIL | TPH as Motor Oil | 3.2E+05 | mg/kg | Yes | -- | 3.3E+03 | -- | 3.3E+02 | -- | -- | Yes | Yes |
| **VOCs** | | | | | | | | | | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 4.2E+02 | µg/kg | No | 4.8E+02 | 1.3E+05 | 4.8E+01 | 1.3E+04 | -- | -- | Yes | No |
| 79-00-5 | 1,1,2-Trichloroethane | 5.9E+01 | µg/kg | No | 8.9E+02 | 7.4E+04 | 8.9E+01 | 7.4E+03 | -- | <RBSLc, <RBSLnc | No | No |
| 87-61-6 | 1,2,3-Trichlorobenzene | 3.4E+02 | µg/kg | No | -- | 6.3E+04 | -- | 6.3E+03 | -- | <RBSLc, <RBSLnc | No | No |
| 96-18-4 | 1,2,3-Trichloropropane | 1.8E+02 | µg/kg | Yes | 2.1E+01 | 2.5E+03 | 2.1E+00 | 2.5E+02 | -- | -- | Yes | No |
| 120-82-1 | 1,2,4-Trichlorobenzene | 3.2E+02 | µg/kg | No | 1.8E+05 | 1.5E+05 | 1.8E+04 | 1.5E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 95-63-6 | 1,2,4-Trimethylbenzene | 8.4E+04 | µg/kg | No | -- | 1.4E+05 | -- | 1.4E+04 | -- | -- | Yes | Yes |

**Table 4**
**Soil Matrix Constituent of Concern Screening**
Former Kast Property

| CAS Number | Chemical[1] | Maximum Detected Concentration | Units | Potential Leaching to GW[2]? | RBSLc | RBSLnc | RBSLc × 0.1 | RBSLnc × 0.1 | BTV | Rationale for Exclusion as a COC[3] | COC? | Site-Related COC[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95-50-1 | 1,2-Dichlorobenzene | 3.3E+02 | µg/kg | No | -- | 2.1E+06 | -- | 2.1E+05 | -- | <RBSLc, <RBSLnc | No | No |
| 107-06-2 | 1,2-Dichloroethane | 7.3E+00 | µg/kg | Yes | 4.4E+02 | 8.0E+05 | 4.4E+01 | 8.0E+04 | -- | -- | Yes | No |
| 78-87-5 | 1,2-Dichloropropane | 1.0E+02 | µg/kg | No | 8.0E+02 | 1.5E+04 | 8.0E+01 | 1.5E+03 | -- | -- | Yes | No |
| 108-67-8 | 1,3,5-Trimethylbenzene | 3.1E+04 | µg/kg | No | -- | 4.9E+04 | -- | 4.9E+03 | -- | -- | Yes | Yes |
| 106-46-7 | 1,4-Dichlorobenzene | 4.4E+02 | µg/kg | Yes | 2.8E+03 | 3.6E+06 | 2.8E+02 | 3.6E+05 | -- | -- | Yes | No |
| 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | 2.7E+03 | µg/kg | No | -- | 2.8E+07 | -- | 2.8E+06 | -- | <RBSLc, <RBSLnc | No | No |
| 95-49-8 | 2-Chlorotoluene | 1.8E+02 | µg/kg | No | -- | 6.1E+05 | -- | 6.1E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 591-78-6 | 2-Hexanone | 3.1E+01 | µg/kg | No | -- | 2.0E+05 | -- | 2.0E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 108-10-1 | 4-Methyl-2-Pentanone | 1.5E+01 | µg/kg | No | -- | 5.3E+06 | -- | 5.3E+05 | -- | <RBSLc, <RBSLnc | No | No |
| 67-64-1 | Acetone | 1.8E+03 | µg/kg | No | -- | 6.0E+07 | -- | 6.0E+06 | -- | <RBSLc, <RBSLnc | No | No |
| 71-43-2 | Benzene | 3.3E+04 | µg/kg | Yes | 2.2E+02 | 1.1E+05 | 2.2E+01 | 1.1E+04 | -- | -- | Yes | Yes |
| 75-27-4 | Bromodichloromethane | 1.3E+03 | µg/kg | No | 5.0E+02 | 4.4E+05 | 5.0E+01 | 4.4E+04 | -- | -- | Yes | No |
| 75-25-2 | Bromoform | 1.4E+02 | µg/kg | No | 2.4E+04 | 7.1E+05 | 2.4E+03 | 7.1E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 74-83-9 | Bromomethane | 1.3E+03 | µg/kg | No | -- | 8.9E+03 | -- | 8.9E+02 | -- | -- | Yes | No |
| 75-15-0 | Carbon Disulfide | 1.2E+02 | µg/kg | No | -- | 8.9E+05 | -- | 8.9E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 108-90-7 | Chlorobenzene | 1.5E+02 | µg/kg | No | -- | 1.3E+06 | -- | 1.3E+05 | -- | <RBSLc, <RBSLnc | No | No |
| 75-00-3 | Chloroethane | 1.8E+00 | µg/kg | No | -- | 1.4E+07 | -- | 1.4E+06 | -- | <RBSLc, <RBSLnc | No | No |
| 67-66-3 | Chloroform | 1.1E+02 | µg/kg | No | 1.1E+03 | 4.1E+05 | 1.1E+02 | 4.1E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 74-87-3 | Chloromethane | 5.2E+02 | µg/kg | No | -- | 9.8E+04 | -- | 9.8E+03 | -- | <RBSLc, <RBSLnc | No | No |
| 124-48-1 | Dibromochloromethane | 6.8E+00 | µg/kg | No | 1.1E+03 | 5.9E+05 | 1.1E+02 | 5.9E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 156-59-2 | Dichloroethene, cis-1,2- | 4.4E+02 | µg/kg | Yes | -- | 9.3E+04 | -- | 9.3E+03 | -- | -- | Yes | No |
| 108-20-3 | Diisopropyl Ether (DIPE) | 1.4E+00 | µg/kg | No | -- | 1.2E+06 | -- | 1.2E+05 | -- | <RBSLc, <RBSLnc | No | No |
| 64-17-5 | Ethanol | 1.0E+05 | µg/kg | No | -- | 2.5E+07 | -- | 2.5E+06 | -- | <RBSLc, <RBSLnc | No | No |
| 100-41-4 | Ethylbenzene | 4.2E+04 | µg/kg | No | 4.9E+03 | 4.6E+06 | 4.9E+02 | 4.6E+05 | -- | -- | Yes | Yes |
| 75-71-8 | Freon 12 | 1.7E+01 | µg/kg | No | -- | 2.7E+05 | -- | 2.7E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 98-82-8 | Isopropylbenzene (cumene) | 1.6E+04 | µg/kg | No | -- | 4.3E+05 | -- | 4.3E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 75-09-2 | Methylene Chloride | 2.1E+03 | µg/kg | No | 5.4E+03 | 8.6E+05 | 5.4E+02 | 8.6E+04 | -- | -- | Yes | No |
| 1634-04-4 | Methyl-tert-Butyl Ether | 1.4E+02 | µg/kg | No | 3.5E+04 | 2.9E+07 | 3.5E+03 | 2.9E+06 | -- | <RBSLc, <RBSLnc | No | No |
| 104-51-8 | n-Butylbenzene | 1.3E+04 | µg/kg | No | -- | 8.8E+05 | -- | 8.8E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 99-87-6 | p-Isopropyltoluene | 1.2E+04 | µg/kg | No | -- | 3.8E+06 | -- | 3.8E+05 | -- | <RBSLc, <RBSLnc | No | No |

**Table 4**
**Soil Matrix Constituent of Concern Screening**
Former Kast Property

| CAS Number | Chemical[1] | Maximum Detected Concentration | Units | Potential Leaching to GW[2]? | RBSLc | RBSLnc | RBSLc × 0.1 | RBSLnc × 0.1 | BTV | Rationale for Exclusion as a COC[3] | COC? | Site-Related COC[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 103-65-1 | Propylbenzene | 2.4E+04 | µg/kg | No | -- | 7.3E+05 | -- | 7.3E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 135-98-8 | sec-Butylbenzene | 9.8E+03 | µg/kg | No | -- | 9.9E+05 | -- | 9.9E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 100-42-5 | Styrene | 7.8E+01 | µg/kg | No | -- | 7.1E+06 | -- | 7.1E+05 | -- | <RBSLc, <RBSLnc | No | No |
| 75-65-0 | tert-Butyl Alcohol (TBA) | 4.3E+02 | µg/kg | Yes | -- | 8.4E+06 | -- | 8.4E+05 | -- | -- | Yes | No |
| 98-06-6 | tert-Butylbenzene | 4.2E+02 | µg/kg | No | -- | 7.9E+05 | -- | 7.9E+04 | -- | <RBSLc, <RBSLnc | No | No |
| 127-18-4 | Tetrachloroethene | 1.9E+04 | µg/kg | Yes | 5.6E+02 | 8.4E+04 | 5.6E+01 | 8.4E+03 | -- | -- | Yes | No |
| 108-88-3 | Toluene | 5.7E+04 | µg/kg | No | -- | 1.1E+06 | -- | 1.1E+05 | -- | -- | Yes[7] | Yes |
| 79-01-6 | Trichloroethene | 7.2E+02 | µg/kg | Yes | 3.9E+03 | 2.3E+04 | 3.9E+02 | 2.3E+03 | -- | -- | Yes | No |
| 75-01-4 | Vinyl Chloride | 4.9E+01 | µg/kg | Yes | 3.2E+01 | 7.4E+04 | 3.2E+00 | 7.4E+03 | -- | -- | Yes | No |
| 95-47-6 | o-Xylene | 1.5E+04 | µg/kg | No | -- | 4.5E+06 | -- | 4.5E+05 | -- | -- | Yes[7] | Yes |
| 1330-20-7-1 | p/m-Xylene | 3.4E+04 | µg/kg | No | -- | 4.0E+06 | -- | 4.0E+05 | -- | -- | Yes[7] | Yes |
| 1330-20-7 | Xylenes, Total | 1.4E+05 | µg/kg | No | -- | 3.4E+06 | -- | 3.4E+05 | -- | -- | Yes[7] | Yes |

Notes:

-- not available or not applicable

mg/kg: milligram per kilogram

µg/kg: microgram per kilogram

GW = groundwater; COC: Constituent of Concern

RBSLs = risk-based screening levels assuming potential residential exposures calculated as part of the human health screening risk evaluation (HHSRE) process (Geosyntec, 2009, 2010, 2011).

RBSLc = based on cancer effects; RBSLnc = based on noncancer effects

BTV = Background threshold values developed for the Site consistent with USEPA and Cal-EPA methodologies using local and regional background datasets (presented in Appendix A).

[1] Chemicals included if greater than 5 detects in soil from 0-10 feet below ground surface.

[2] Chemicals that were detected in groundwater above their respective maximum contaminant level (MCL) or notification level (NL) were carried forward into the HHRA.

[3] COC excluded when maximum Site-wide concentration is less than 0.1 × Residential RBSL or considered to be within background. Exclusion criterion or criteria are listed in this column. For metals and PAHs, a compound is selected as a COC only when the maximum concentration exceeds both the RBSL and the background concentration (when data available).

[4] Site-Related COCs may be related to site activities associated with crude oil storage prior to redevelopment.

[5] Although maximum detected concentration exceed the BTV, additional background (bkgd) analysis (one-sample proportion test) indicated this metal to be within background for all properties.

[6] Due to change in oral cancer assessment not reflected in RBSLs from HHSRE Work Plan, hexavalent chromium included as a COC.

[7] Although not considered as COCs through the screening process, the RWQCB has requested these VOCs to be evaluated as COCs.

**Table 5**
**Soil Vapor Constituent of Concern Screening**
Former Kast Property

| Matrix | CAS Number | Chemical | Units | Maximum Detected Concentration | RBSLc | RBSLnc | RBSLc × 0.1 | RBSLnc × 0.1 | Rationale for Exclusion as a COC[3] | COC? | Site-Related COC[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Soil Vapor, Sub-Slab | 71-55-6 | 1,1,1-Trichloroethane | µg/m$^3$ | 1.0E+02 | -- | 1.0E+05 | -- | 1.0E+04 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 75-35-4 | 1,1-Dichloroethene | µg/m$^3$ | 1.8E+01 | -- | 7.3E+03 | -- | 7.3E+02 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 120-82-1 | 1,2,4-Trichlorobenzene | µg/m$^3$ | 1.3E+03 | -- | 4.2E+02 | -- | 4.2E+01 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 95-63-6 | 1,2,4-Trimethylbenzene | µg/m$^3$ | 2.2E+03 | -- | 7.3E+02 | -- | 7.3E+01 | -- | Yes | Yes |
| Soil Vapor, Sub-Slab | 95-50-1 | 1,2-Dichlorobenzene | µg/m$^3$ | 7.8E+02 | -- | 2.1E+04 | -- | 2.1E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 107-06-2 | 1,2-Dichloroethane | µg/m$^3$ | 4.7E+01 | 1.2E+01 | 4.2E+04 | 1.2E+00 | 4.2E+03 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 78-87-5 | 1,2-Dichloropropane | µg/m$^3$ | 2.2E+01 | 2.4E+01 | 4.2E+02 | 2.4E+00 | 4.2E+01 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 108-67-8 | 1,3,5-Trimethylbenzene | µg/m$^3$ | 1.0E+03 | -- | 6.3E+02 | -- | 6.3E+01 | -- | Yes | Yes |
| Soil Vapor, Sub-Slab | 106-99-0 | 1,3-Butadiene | µg/m$^3$ | 2.2E+00 | 1.4E+00 | 2.1E+03 | 1.4E-01 | 2.1E+02 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 541-73-1 | 1,3-Dichlorobenzene | µg/m$^3$ | 3.6E+01 | -- | 1.1E+04 | -- | 1.1E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 106-46-7 | 1,4-Dichlorobenzene | µg/m$^3$ | 1.1E+02 | 2.2E+01 | 8.3E+04 | 2.2E+00 | 8.3E+03 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 123-91-1 | 1,4-Dioxane | µg/m$^3$ | 2.0E+02 | 3.2E+01 | 3.1E+05 | 3.2E+00 | 3.1E+04 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 540-84-1 | 2,2,4-Trimethylpentane | µg/m$^3$ | 1.4E+05 | -- | 1.1E+05 | -- | 1.1E+04 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | µg/m$^3$ | 2.1E+02 | -- | 5.2E+05 | -- | 5.2E+04 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 591-78-6 | 2-Hexanone | µg/m$^3$ | 3.6E+02 | -- | 3.1E+03 | -- | 3.1E+02 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 622-96-8 | 4-Ethyltoluene | µg/m$^3$ | 1.3E+03 | -- | 7.3E+04 | -- | 7.3E+03 | <RBSLc, <RBSLnc | No | Yes |
| Soil Vapor, Sub-Slab | 108-10-1 | 4-Methyl-2-Pentanone | µg/m$^3$ | 1.4E+01 | -- | 3.1E+05 | -- | 3.1E+04 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 67-64-1 | Acetone | µg/m$^3$ | 6.1E+03 | -- | 3.2E+06 | -- | 3.2E+05 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 71-43-2 | Benzene | µg/m$^3$ | 6.2E+04 | 8.4E+00 | 6.3E+03 | 8.4E-01 | 6.3E+02 | -- | Yes | Yes |
| Soil Vapor, Sub-Slab | 75-27-4 | Bromodichloromethane | µg/m$^3$ | 3.7E+02 | 6.6E+00 | 7.3E+03 | 6.6E-01 | 7.3E+02 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 75-25-2 | Bromoform | µg/m$^3$ | 3.1E+00 | 2.2E+02 | 7.3E+03 | 2.2E+01 | 7.3E+02 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 74-83-9 | Bromomethane | µg/m$^3$ | 9.5E+01 | -- | 5.2E+02 | -- | 5.2E+01 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 75-15-0 | Carbon Disulfide | µg/m$^3$ | 2.3E+02 | -- | 8.3E+04 | -- | 8.3E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 56-23-5 | Carbon Tetrachloride | µg/m$^3$ | 4.4E+02 | 5.8E+00 | 4.2E+03 | 5.8E-01 | 4.2E+02 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 108-90-7 | Chlorobenzene | µg/m$^3$ | 4.8E+01 | -- | 1.0E+05 | -- | 1.0E+04 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 75-00-3 | Chloroethane | µg/m$^3$ | 6.6E+01 | -- | 3.1E+06 | -- | 3.1E+05 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 67-66-3 | Chloroform | µg/m$^3$ | 1.2E+04 | 4.6E+01 | 3.1E+04 | 4.6E+00 | 3.1E+03 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 74-87-3 | Chloromethane | µg/m$^3$ | 2.0E+02 | -- | 9.4E+03 | -- | 9.4E+02 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 110-82-7 | Cyclohexane | µg/m$^3$ | 1.4E+04 | -- | 6.3E+05 | -- | 6.3E+04 | <RBSLc, <RBSLnc | No | Yes |

**Table 5**
**Soil Vapor Constituent of Concern Screening**
Former Kast Property

| Matrix | CAS Number | Chemical | Units | Maximum Detected Concentration | RBSLc | RBSLnc | RBSLc × 0.1 | RBSLnc × 0.1 | Rationale for Exclusion as a COC[3] | COC? | Site-Related COC[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Soil Vapor, Sub-Slab | 124-48-1 | Dibromochloromethane | µg/m$^3$ | 1.1E+02 | 9.0E+00 | 7.3E+03 | 9.0E-01 | 7.3E+02 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 156-59-2 | Dichloroethene, cis-1,2- | µg/m$^3$ | 1.3E+02 | -- | 3.7E+03 | -- | 3.7E+02 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 156-60-5 | Dichloroethene, trans-1,2- | µg/m$^3$ | 1.2E+01 | -- | 6.3E+03 | -- | 6.3E+02 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 10061-02-6 | Dichloropropene, trans-1,3- | µg/m$^3$ | 8.4E+00 | 1.5E+01 | 2.1E+03 | 1.5E+00 | 2.1E+02 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 64-17-5 | Ethanol | µg/m$^3$ | 1.6E+03 | -- | 4.2E+05 | -- | 4.2E+04 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 100-41-4 | Ethylbenzene | µg/m$^3$ | 5.3E+03 | 9.7E+01 | 2.1E+05 | 9.7E+00 | 2.1E+04 | -- | Yes | Yes |
| Soil Vapor, Sub-Slab | 75-69-4 | Freon 11 | µg/m$^3$ | 7.2E+01 | -- | 7.3E+04 | -- | 7.3E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 76-13-1 | Freon 113 | µg/m$^3$ | 1.5E+02 | -- | 3.1E+06 | -- | 3.1E+05 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 76-14-2 | Freon 114 | µg/m$^3$ | 2.7E+01 | -- | 3.1E+06 | -- | 3.1E+05 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 75-71-8 | Freon 12 | µg/m$^3$ | 1.2E+02 | -- | 2.1E+04 | -- | 2.1E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 142-82-5 | Heptane | µg/m$^3$ | 3.5E+03 | -- | 7.3E+05 | -- | 7.3E+04 | <RBSLc, <RBSLnc | No | Yes |
| Soil Vapor, Sub-Slab | 110-54-3 | Hexane | µg/m$^3$ | 7.5E+03 | -- | 7.3E+05 | -- | 7.3E+04 | <RBSLc, <RBSLnc | No | Yes |
| Soil Vapor, Sub-Slab | 67-63-0 | Isopropanol | µg/m$^3$ | 1.7E+04 | -- | 7.3E+05 | -- | 7.3E+04 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 98-82-8 | Isopropylbenzene (cumene) | µg/m$^3$ | 1.0E+02 | -- | 4.2E+04 | -- | 4.2E+03 | <RBSLc, <RBSLnc | No | Yes |
| Soil Vapor, Sub-Slab | 75-09-2 | Methylene Chloride | µg/m$^3$ | 2.8E+04 | 2.4E+02 | 4.2E+04 | 2.4E+01 | 4.2E+03 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 1634-04-4 | Methyl-tert-Butyl Ether | µg/m$^3$ | 4.4E+02 | 9.4E+02 | 8.3E+05 | 9.4E+01 | 8.3E+04 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 91-20-3 | Naphthalene | µg/m$^3$ | 2.6E+02 | 7.2E+00 | 9.4E+02 | 7.2E-01 | 9.4E+01 | -- | Yes | Yes |
| Soil Vapor, Sub-Slab | 103-65-1 | Propylbenzene | µg/m$^3$ | 2.8E+02 | -- | 1.5E+04 | -- | 1.5E+03 | <RBSLc, <RBSLnc | No | Yes |
| Soil Vapor, Sub-Slab | 100-42-5 | Styrene | µg/m$^3$ | 2.0E+01 | -- | 9.4E+04 | -- | 9.4E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Sub-Slab | 127-18-4 | Tetrachloroethene | µg/m$^3$ | 9.5E+02 | 4.1E+01 | 3.7E+03 | 4.1E+00 | 3.7E+02 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 109-99-9 | Tetrahydrofuran | µg/m$^3$ | 7.7E+01 | 1.3E+02 | 3.1E+04 | 1.3E+01 | 3.1E+03 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 108-88-3 | Toluene | µg/m$^3$ | 1.8E+03 | -- | 3.1E+04 | -- | 3.1E+03 | <RBSLc, <RBSLnc | Yes[4] | Yes |
| Soil Vapor, Sub-Slab | 79-01-6 | Trichloroethene | µg/m$^3$ | 7.2E+02 | 1.2E+02 | 6.3E+04 | 1.2E+01 | 6.3E+03 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 75-01-4 | Vinyl Chloride | µg/m$^3$ | 2.7E+01 | 3.1E+00 | 1.0E+04 | 3.1E-01 | 1.0E+03 | -- | Yes | No |
| Soil Vapor, Sub-Slab | 95-47-6 | o-Xylene | µg/m$^3$ | 1.9E+02 | -- | 7.3E+04 | -- | 7.3E+03 | <RBSLc, <RBSLnc | Yes[4] | Yes |
| Soil Vapor, Sub-Slab | 1330-20-7-1 | p/m-Xylene | µg/m$^3$ | 5.2E+03 | -- | 7.3E+04 | -- | 7.3E+03 | <RBSLc, <RBSLnc | Yes[4] | Yes |
| Soil Vapor, Non-Sub-Slab | 71-55-6 | 1,1,1-Trichloroethane | µg/m$^3$ | 6.2E+00 | -- | 1.0E+05 | -- | 1.0E+04 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 79-34-5 | 1,1,2,2-Tetrachloroethane | µg/m$^3$ | 9.0E+03 | 4.2E+00 | 1.5E+03 | 4.2E-01 | 1.5E+02 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 79-00-5 | 1,1,2-Trichloroethane | µg/m$^3$ | 7.1E+00 | 1.5E+01 | 1.5E+03 | 1.5E+00 | 1.5E+02 | -- | Yes | No |

**Table 5**
**Soil Vapor Constituent of Concern Screening**
Former Kast Property

| Matrix | CAS Number | Chemical | Units | Maximum Detected Concentration | RBSLc | RBSLnc | RBSLc × 0.1 | RBSLnc × 0.1 | Rationale for Exclusion as a COC[3] | COC? | Site-Related COC[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Soil Vapor, Non-Sub-Slab | 75-34-3 | 1,1-Dichloroethane | µg/m$^3$ | 2.0E+02 | 1.5E+02 | 7.3E+04 | 1.5E+01 | 7.3E+03 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 75-35-4 | 1,1-Dichloroethene | µg/m$^3$ | 1.8E+00 | -- | 7.3E+03 | -- | 7.3E+02 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 75-37-6 | 1,1-Difluoroethane | µg/m$^3$ | 1.5E+01 | -- | -- | -- | -- | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 95-63-6 | 1,2,4-Trimethylbenzene | µg/m$^3$ | 9.9E+05 | -- | 7.3E+02 | -- | 7.3E+01 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 107-06-2 | 1,2-Dichloroethane | µg/m$^3$ | 1.7E+03 | 1.2E+01 | 4.2E+04 | 1.2E+00 | 4.2E+03 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 108-67-8 | 1,3,5-Trimethylbenzene | µg/m$^3$ | 4.5E+05 | -- | 6.3E+02 | -- | 6.3E+01 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 106-46-7 | 1,4-Dichlorobenzene | µg/m$^3$ | 1.7E+02 | 2.2E+01 | 8.3E+04 | 2.2E+00 | 8.3E+03 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 540-84-1 | 2,2,4-Trimethylpentane | µg/m$^3$ | 1.4E+01 | -- | 1.1E+05 | -- | 1.1E+04 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | µg/m$^3$ | 1.6E+05 | -- | 5.2E+05 | -- | 5.2E+04 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 591-78-6 | 2-Hexanone | µg/m$^3$ | 1.6E+04 | -- | 3.1E+03 | -- | 3.1E+02 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 622-96-8 | 4-Ethyltoluene | µg/m$^3$ | 4.4E+05 | -- | 7.3E+04 | -- | 7.3E+03 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 108-10-1 | 4-Methyl-2-Pentanone | µg/m$^3$ | 1.6E+01 | -- | 3.1E+05 | -- | 3.1E+04 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 67-64-1 | Acetone | µg/m$^3$ | 2.4E+05 | -- | 3.2E+06 | -- | 3.2E+05 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 71-43-2 | Benzene | µg/m$^3$ | 3.8E+06 | 8.4E+00 | 6.3E+03 | 8.4E-01 | 6.3E+02 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 75-27-4 | Bromodichloromethane | µg/m$^3$ | 1.2E+04 | 6.6E+00 | 7.3E+03 | 6.6E-01 | 7.3E+02 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 74-83-9 | Bromomethane | µg/m$^3$ | 1.4E+00 | -- | 5.2E+02 | -- | 5.2E+01 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 75-15-0 | Carbon Disulfide | µg/m$^3$ | 1.7E+05 | -- | 8.3E+04 | -- | 8.3E+03 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 108-90-7 | Chlorobenzene | µg/m$^3$ | 5.9E+00 | -- | 1.0E+05 | -- | 1.0E+04 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 75-00-3 | Chloroethane | µg/m$^3$ | 6.7E+00 | -- | 3.1E+06 | -- | 3.1E+05 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 67-66-3 | Chloroform | µg/m$^3$ | 3.7E+02 | 4.6E+01 | 3.1E+04 | 4.6E+00 | 3.1E+03 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 74-87-3 | Chloromethane | µg/m$^3$ | 9.8E+01 | -- | 9.4E+03 | -- | 9.4E+02 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 110-82-7 | Cyclohexane | µg/m$^3$ | 2.7E+06 | -- | 6.3E+05 | -- | 6.3E+04 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 156-59-2 | Dichloroethene, cis-1,2- | µg/m$^3$ | 6.9E+02 | -- | 3.7E+03 | -- | 3.7E+02 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 156-60-5 | Dichloroethene, trans-1,2- | µg/m$^3$ | 5.6E+03 | -- | 6.3E+03 | -- | 6.3E+02 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 10061-02-6 | Dichloropropene, trans-1,3- | µg/m$^3$ | 6.5E+00 | 1.5E+01 | 2.1E+03 | 1.5E+00 | 2.1E+02 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 64-17-5 | Ethanol | µg/m$^3$ | 5.4E+04 | -- | 4.2E+05 | -- | 4.2E+04 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 100-41-4 | Ethylbenzene | µg/m$^3$ | 1.8E+06 | 9.7E+01 | 2.1E+05 | 9.7E+00 | 2.1E+04 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 75-69-4 | Freon 11 | µg/m$^3$ | 1.9E+01 | -- | 7.3E+04 | -- | 7.3E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 76-13-1 | Freon 113 | µg/m$^3$ | 2.0E+02 | -- | 3.1E+06 | -- | 3.1E+05 | <RBSLc, <RBSLnc | No | No |

**Table 5**
**Soil Vapor Constituent of Concern Screening**
Former Kast Property

| Matrix | CAS Number | Chemical | Units | Maximum Detected Concentration | RBSLc | RBSLnc | RBSLc × 0.1 | RBSLnc × 0.1 | Rationale for Exclusion as a COC[3] | COC? | Site-Related COC[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Soil Vapor, Non-Sub-Slab | 75-71-8 | Freon 12 | µg/m$^3$ | 2.1E+02 | -- | 2.1E+04 | -- | 2.1E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 142-82-5 | Heptane | µg/m$^3$ | 1.0E+06 | -- | 7.3E+05 | -- | 7.3E+04 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 87-68-3 | Hexachloro-1,3-Butadiene | µg/m$^3$ | 2.0E+03 | 1.1E+01 | 3.7E+02 | 1.1E+00 | 3.7E+01 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 110-54-3 | Hexane | µg/m$^3$ | 1.9E+06 | -- | 7.3E+05 | -- | 7.3E+04 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 67-63-0 | Isopropanol | µg/m$^3$ | 4.5E+05 | -- | 7.3E+05 | -- | 7.3E+04 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 98-82-8 | Isopropylbenzene (cumene) | µg/m$^3$ | 3.1E+04 | -- | 4.2E+04 | -- | 4.2E+03 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 75-09-2 | Methylene Chloride | µg/m$^3$ | 7.3E+03 | 2.4E+02 | 4.2E+04 | 2.4E+01 | 4.2E+03 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 1634-04-4 | Methyl-tert-Butyl Ether | µg/m$^3$ | 2.8E+03 | 9.4E+02 | 8.3E+05 | 9.4E+01 | 8.3E+04 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 91-20-3 | Naphthalene | µg/m$^3$ | 7.3E+03 | 7.2E+00 | 9.4E+02 | 7.2E-01 | 9.4E+01 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 103-65-1 | Propylbenzene | µg/m$^3$ | 3.7E+04 | -- | 1.5E+04 | -- | 1.5E+03 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 100-42-5 | Styrene | µg/m$^3$ | 5.9E+03 | -- | 9.4E+04 | -- | 9.4E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 75-65-0 | tert-Butyl Alcohol (TBA) | µg/m$^3$ | 1.4E+02 | -- | 1.1E+03 | -- | 1.1E+02 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 127-18-4 | Tetrachloroethene | µg/m$^3$ | 5.3E+03 | 4.1E+01 | 3.7E+03 | 4.1E+00 | 3.7E+02 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 109-99-9 | Tetrahydrofuran | µg/m$^3$ | 1.2E+01 | 1.3E+02 | 3.1E+04 | 1.3E+01 | 3.1E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 108-88-3 | Toluene | µg/m$^3$ | 3.7E+06 | -- | 3.1E+04 | -- | 3.1E+03 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 79-01-6 | Trichloroethene | µg/m$^3$ | 6.6E+03 | 1.2E+02 | 6.3E+04 | 1.2E+01 | 6.3E+03 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 108-05-4 | Vinyl Acetate | µg/m$^3$ | 5.1E+00 | -- | 2.1E+04 | -- | 2.1E+03 | <RBSLc, <RBSLnc | No | No |
| Soil Vapor, Non-Sub-Slab | 75-01-4 | Vinyl Chloride | µg/m$^3$ | 4.6E+00 | 3.1E+00 | 1.0E+04 | 3.1E-01 | 1.0E+03 | -- | Yes | No |
| Soil Vapor, Non-Sub-Slab | 95-47-6 | o-Xylene | µg/m$^3$ | 2.1E+04 | -- | 7.3E+04 | -- | 7.3E+03 | -- | Yes | Yes |
| Soil Vapor, Non-Sub-Slab | 1330-20-7-1 | p/m-Xylene | µg/m$^3$ | 1.7E+05 | -- | 7.3E+04 | -- | 7.3E+03 | -- | Yes | Yes |

Notes:

-- not available or not applicable

µg/m$^3$: microgram per cubic meter

COC: Constituent of Concern

RBSLc = Risk-based Screening Level for carcinogenic effects

RBSLnc = Risk-based Screening Level for noncarcinogenic effects

[1] COC when maximum Site-wide concentration exceeded 0.1 × Residential RBSL. Selection criterion or criteria are listed in this column.

[2] Site-Related COCs may be related to site activities associated with crude oil storage prior to redevelopment.

[3] COC excluded when maximum Site-wide concentration is less than 0.1 × Residential RBSL. Exclusion criterion or criteria are listed in this column.

[4] Although not considered as COCs through the screening process, the RWQCB has requested these VOCs to be evaluated as COCs.

**Table 6**
**Summary of Constituents of Concern**
Former Kast Property

| CAS Number | Chemical[1] | Soil | | Soil Vapor, Sub-Slab | | Soil Vapor, Non-Sub-Slab | |
|---|---|---|---|---|---|---|---|
| | | COC | Site-Related COC[1] | COC | Site-Related COC[1] | COC | Site-Related COC[1] |
| **Metals** | | | | | | | |
| 7440-36-0 | Antimony | Yes | No | -- | -- | -- | -- |
| 7440-38-2 | Arsenic | Yes | Yes | -- | -- | -- | -- |
| 7440-43-9 | Cadmium | No[2] | No | -- | -- | -- | -- |
| 18540-29-9 | Chromium, Hexavalent | Yes[3] | No | -- | -- | -- | -- |
| 7440-48-4 | Cobalt | Yes | No | -- | -- | -- | -- |
| 7440-50-8 | Copper | No[2] | No | -- | -- | -- | -- |
| 7439-92-1 | Lead | Yes | Yes | -- | -- | -- | -- |
| 7440-28-0 | Thallium | Yes | No | -- | -- | -- | -- |
| 7440-62-2 | Vanadium | Yes | No | -- | -- | -- | -- |
| 7440-66-6 | Zinc | No[2] | No | -- | -- | -- | -- |
| **PAHs** | | | | | | | |
| 56-55-3 | Benzo (a) Anthracene | Yes | Yes | -- | -- | -- | -- |
| 50-32-8 | Benzo (a) Pyrene | Yes | Yes | -- | -- | -- | -- |
| 205-99-2 | Benzo (b) Fluoranthene | Yes | Yes | -- | -- | -- | -- |
| 207-08-9 | Benzo (k) Fluoranthene | Yes | Yes | -- | -- | -- | -- |
| 218-01-9 | Chrysene | Yes | Yes | -- | -- | -- | -- |
| 53-70-3 | Dibenz (a,h) Anthracene | Yes | Yes | -- | -- | -- | -- |
| 193-39-5 | Indeno (1,2,3-c,d) Pyrene | Yes | Yes | -- | -- | -- | -- |
| 90-12-0 | 1-Methylnaphthalene | Yes | Yes | -- | -- | -- | -- |
| 91-57-6 | 2-Methylnaphthalene | Yes | Yes | -- | -- | -- | -- |
| 129-00-0 | Pyrene | Yes | Yes | -- | -- | -- | -- |
| **SVOCs** | | | | | | | |
| 121-14-2 | 2,4-Dinitrotoluene | Yes | No | -- | -- | -- | -- |
| 117-81-7 | Bis(2-Ethylhexyl) Phthalate | Yes | No | -- | -- | -- | -- |
| **TPH** | | | | | | | |
| 68334-30-5 | TPH as Diesel | Yes | Yes | -- | -- | -- | -- |
| PHCG | TPH as Gasoline | Yes | Yes | -- | -- | -- | -- |
| TPHMOIL | TPH as Motor Oil | Yes | Yes | -- | -- | -- | -- |
| **VOCs** | | | | | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | Yes | No | -- | -- | Yes | No |
| 79-00-5 | 1,1,2-Trichloroethane | No | No | -- | -- | Yes | No |
| 75-34-3 | 1,1-Dichloroethane | -- | -- | -- | -- | Yes | No |
| 96-18-4 | 1,2,3-Trichloropropane | Yes | No | -- | -- | -- | -- |
| 120-82-1 | 1,2,4-Trichlorobenzene | No | No | Yes | No | -- | -- |
| 95-63-6 | 1,2,4-Trimethylbenzene | Yes | Yes | Yes | Yes | Yes | Yes |
| 107-06-2 | 1,2-Dichloroethane | Yes | No | Yes | No | Yes | No |
| 78-87-5 | 1,2-Dichloropropane | Yes | No | Yes | No | -- | -- |
| 108-67-8 | 1,3,5-Trimethylbenzene | Yes | Yes | Yes | Yes | Yes | Yes |
| 106-99-0 | 1,3-Butadiene | -- | -- | Yes | No | -- | -- |
| 106-46-7 | 1,4-Dichlorobenzene | Yes | No | Yes | No | Yes | No |
| 123-91-1 | 1,4-Dioxane | -- | -- | Yes | No | -- | -- |

**Table 6**
**Summary of Constituents of Concern**
Former Kast Property

| CAS Number | Chemical[1] | Soil | | Soil Vapor, Sub-Slab | | Soil Vapor, Non-Sub-Slab | |
|---|---|---|---|---|---|---|---|
| | | COC | Site-Related COC[1] | COC | Site-Related COC[1] | COC | Site-Related COC[1] |
| 540-84-1 | 2,2,4-Trimethylpentane | -- | -- | Yes | No | No | No |
| 78-93-3 | 2-Butanone (Methyl Ethyl Ketone) | No | No | No | No | Yes | No |
| 591-78-6 | 2-Hexanone | No | No | Yes | No | Yes | No |
| 622-96-8 | 4-Ethyltoluene | -- | -- | No | Yes | Yes | Yes |
| 71-43-2 | Benzene | Yes | Yes | Yes | Yes | Yes | Yes |
| 75-27-4 | Bromodichloromethane | Yes | No | Yes | No | Yes | No |
| 74-83-9 | Bromomethane | Yes | No | Yes | No | No | No |
| 75-15-0 | Carbon Disulfide | No | No | No | No | Yes | No |
| 56-23-5 | Carbon Tetrachloride | -- | -- | Yes | No | -- | -- |
| 67-66-3 | Chloroform | No | No | Yes | No | Yes | No |
| 110-82-7 | Cyclohexane | -- | -- | No | Yes | Yes | Yes |
| 124-48-1 | Dibromochloromethane | No | No | Yes | No | -- | -- |
| 156-59-2 | Dichloroethene, cis-1,2- | Yes | No | No | No | Yes | No |
| 156-60-5 | Dichloroethene, trans-1,2- | -- | -- | No | No | Yes | No |
| 10061-02-6 | Dichloropropene, trans-1,3- | -- | -- | Yes | No | Yes | No |
| 64-17-5 | Ethanol | No | No | No | No | Yes | No |
| 100-41-4 | Ethylbenzene | Yes | Yes | Yes | Yes | Yes | Yes |
| 142-82-5 | Heptane | -- | -- | No | Yes | Yes | Yes |
| 87-68-3 | Hexachloro-1,3-Butadiene | -- | -- | -- | -- | Yes | No |
| 110-54-3 | Hexane | -- | -- | No | Yes | Yes | Yes |
| 67-63-0 | Isopropanol | -- | -- | No | No | Yes | No |
| 98-82-8 | Isopropylbenzene (cumene) | No | No | No | Yes | Yes | Yes |
| 75-09-2 | Methylene Chloride | Yes | No | Yes | No | Yes | No |
| 1634-04-4 | Methyl-tert-Butyl Ether | No | No | Yes | No | Yes | No |
| 91-20-3 | Naphthalene | Yes | Yes | Yes | Yes | Yes | Yes |
| 103-65-1 | Propylbenzene | No | No | No | Yes | Yes | Yes |
| 75-65-0 | tert-Butyl Alcohol (TBA) | Yes | No | -- | -- | Yes | No |
| 127-18-4 | Tetrachloroethene | Yes | No | Yes | No | Yes | No |
| 109-99-9 | Tetrahydrofuran | -- | -- | Yes | No | No | No |
| 108-88-3 | Toluene | Yes[4] | Yes | Yes[4] | Yes | Yes | Yes |
| 79-01-6 | Trichloroethene | Yes | No | Yes | No | Yes | No |
| 75-01-4 | Vinyl Chloride | Yes | No | Yes | No | Yes | No |
| 95-47-6 | o-Xylene | Yes[4] | Yes | Yes[4] | Yes | Yes | Yes |
| 1330-20-7-1 | p/m-Xylene | Yes[4] | Yes | Yes[4] | Yes | Yes | Yes |
| 1330-20-7 | Xylenes, Total | Yes[4] | Yes | Yes[4] | Yes | Yes | Yes |

Notes:

-- not available or not applicable

COC: Constituent of Concern

Odor based concerns are also being considered in the HHRA and SSCGs provided in Table 12

[1] Site-Related COCs may be related to Site activities associated with crude oil storage prior to redevelopment.

[2] Additional background analysis (one-sample proportion test) indicated this metal to be within background for all properties.

[3] Due to change in oral cancer assessment not reflected in RBSLs from HHSRE Work Plan, hexavalent chromium included as a COC.

[4] Although not selected as COCs through the screening process, the RWQCB has requested these VOCs to be evaluated as COCs.

**Table 7**
**Exposure Parameters**
Former Kast Property

| Parameter | | Units | Onsite Resident | | Source | Onsite Construction and Utility Maintenance Worker | Source |
|---|---|---|---|---|---|---|---|
| | | | Adult | Child | | | |
| IR | Soil ingestion rate | mg/d | 100 | 200 | (1,2) | 330 | (1) |
| SA | Skin surface area | $cm^2$ | 5,700 | 2,800 | (1,3) | 5,700 | (1) |
| AF | Soil-to-skin adherence factor | – | 0.07 | 0.2 | (1,3) | 0.8 | (1) |
| EF | Exposure frequency | d/yr | 350 | 350 | (1,2) | 10 | PJ |
| | Infrequent exposure to subsurface soils | d/yr | 4 | 4 | PJ | -- | |
| ED | Exposure duration | yr | 24 | 6 | (1,2) | 25 | (2) |
| ET | Exposure time | hours | 24 | 24 | (2) | 20 $m^3$/day for the 8 hour workday | (1) |
| BW | Body weight | kg | 70 | 15 | (1,2) | 70 | (1,2) |
| $AT_C$ | Averaging time for carcinogenic effects | d | 25,550 | 25,550 | (1,2) | 25,550 | (1,2) |
| $AT_{NC}$ | Averaging time for noncarcinogenic effects | d | 8,760 | 2,190 | (1,2) | 9,125 | (1,2) |

Note:

"--" not applicable; " PJ " Professional Judgement

Source:

(1) Cal-EPA 2011a. Human Health Risk Assessment (HHRA) Note. Office of Human and Ecological Risk (HERO) HHRA Note Number 1. Recommended DTSC Default Exposure Factors For Use In Risk Assessment At California Hazardous Waste Sites and Permitted Facilities. Issued: May 20, 2011.

(2) USEPA 1991c. RAGS. Volume I: Human Health Evaluation Manual - Supplemental Guidance, Standard Default Exposure Factors. Interim Final. OSWER Directive 9285.6-03.

(3) USEPA 2004b. RAGS. Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment), Interim Guidance. EPA/540/R-99/005

**Table 8**
**Definition of Transfer Factors**
Former Kast Property

| Exposure Route | Transfer Factor | Definition |
|---|---|---|
| Inhalation of particulates in outdoor air | Particulate emission factor (PEF) ($kg/m^3$) | Ratio of chemical concentration in outdoor air ($mg/m^3$) to chemical concentration in soil (mg/kg) |
| Inhalation of vapors in outdoor air | Soil-to-outdoor air volatilization factor ($VF_{soil-OA}$ or $VF_{soil}$) ($kg/m^3$) | Ratio of chemical concentration in outdoor air ($mg/m^3$) to chemical concentration in soil (mg/kg) |
| | Soil vapor-to-outdoor air volatilization factor ($VF_{SV-OA}$) ($\mu g/m^3$ per $\mu g/m^3$) | Ratio of chemical concentration in outdoor air ($\mu g/m^3$) to chemical concentration in soil vapor ($\mu g/m^3$) |
| Inhalation of vapors in indoor air | Soil vapor-to-indoor air volatilization factor ($VF_{SV-IA}$)* ($\mu g/m^3$ per $\mu g/m^3$) | Ratio of chemical concentration in indoor air ($\mu g/m^3$) to chemical concentration in soil vapor ($\mu g/m^3$) |

* The text reference the soil vapor to indoor air volatilization factor as the vapor intrusion attenuation factor, AF.

**Table 9a**

**Derivation of Particulate Emission and Volatilization Factors, Onsite Resident**

Former Kast Property

| Parameter | Value | Units | Reference |
|---|---|---|---|
| Water-filled soil porosity (θw) | 1.50E-01 | (Lwater-Lsoil) | USEPA 2012 RSL default |
| Total soil porosity ($\theta_T$) | 4.30E-01 | (Lpore-Lsoil) | USEPA 2012 RSL default |
| Air-filled soil porosity (θa) | 2.80E-01 | (Lair-Lsoil) | USEPA 2012 RSL default |
| Soil bulk density (Pb) | 1.5 | $g/cm^3$ | USEPA 2012 RSL default |
| Fraction organic carbon in soil (foc) | 0.006 | unitless | USEPA 2012 RSL default |
| Exposure interval ($T_{resident}$) | 9.46E+08 | sec | 30 year exposure duration |
| Inverse of mean conc, $Q/C_{resident}$ | 68.18 | ($g/m^2$-s per $kg/m^3$) | Calculated for a 0.5-acre site in Los Angeles (USEPA 2002) |
| Fraction of vegetative cover, $G_{resident}$ | 0.5 | unitless | Default (USEPA 2002) |
| Mean annual windspeed (Um) | 3.31 | m/s | Average for Los Angeles, 7.4 mph (NCDC 2011) |
| Equivalent threshold value of windspeed at 7m (Ut) | 11.32 | m/s | Default (USEPA 2002) |
| Function dependent on Um/Ut (Fx) | 4.74E-03 | unitless | Los Angeles-Specific (Appendix D, Table 2 in USEPA 1996) |
| Particulate Emission Factor, $PEF_{resident}$ | 1.2E+11 | ($m^3$/kg) | Calculated for a 0.5-acre site in Los Angeles (USEPA 2002) |

Particulate Emission Factor; $PEF_{resident}$ (USEPA 2002): $PEF = [(Q/C_{resident} * 3600) / (0.036 * (1-G_{resident}) * (Um/Ut)^3 * Fx)]$

| CAS Number | Constituents of Concern | Diffusivity in Air ($D_{air}$) ($cm^2/s$) | Henry's Law Constant (H') (unitless) | Diffusivity in Water ($D_{water}$) ($cm^2/s$) | Organic Carbon Partition Coefficient ($K_{oc}$) ($cm^3/g$) | Soil-Water Partition Coefficient (Kd) ($cm^3/g$) | Apparent Diffusivity ($D_A$) ($cm^2/s$) | Effective Diffusion Coefficient ($D_{eff}$) ($cm^2/s$) | Soil-water partition coefficient ($K_{sw}$) ($cm^3/g$) | Onsite Resident $VF_{soil}$ ($m^3/kg$) |
|---|---|---|---|---|---|---|---|---|---|---|
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7.1E-02 | 1.4E-02 | 7.9E-06 | 9.3E+01 | 5.6E-01 | 7.8E-05 | 5.5E-03 | 6.6E-01 | 1.4E+04 |
| 96-18-4 | 1,2,3-Trichloropropane | 7.1E-02 | 1.7E-02 | 7.9E-06 | 2.2E+01 | 1.3E-01 | 2.6E-04 | 5.5E-03 | 2.4E-01 | 7.6E+03 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 6.1E-02 | 2.5E-01 | 7.9E-06 | 1.4E+03 | 8.1E+00 | 9.6E-05 | 4.7E-03 | 8.3E+00 | 1.3E+04 |
| 107-06-2 | 1,2-Dichloroethane | 1.0E-01 | 4.0E-02 | 9.9E-06 | 1.7E+01 | 1.0E-01 | 1.0E-03 | 8.1E-03 | 2.1E-01 | 3.9E+03 |
| 78-87-5 | 1,2-Dichloropropane | 7.8E-02 | 1.1E-01 | 8.7E-06 | 4.4E+01 | 2.6E-01 | 1.2E-03 | 6.1E-03 | 3.8E-01 | 3.6E+03 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 6.0E-02 | 2.4E-01 | 8.7E-06 | 1.4E+03 | 8.1E+00 | 9.1E-05 | 4.7E-03 | 8.3E+00 | 1.3E+04 |
| 106-46-7 | 1,4-Dichlorobenzene | 6.9E-02 | 9.8E-02 | 7.9E-06 | 6.2E+02 | 3.7E+00 | 9.2E-05 | 5.4E-03 | 3.8E+00 | 1.3E+04 |
| 71-43-2 | Benzene | 8.8E-02 | 2.3E-01 | 9.8E-06 | 5.9E+01 | 3.5E-01 | 2.1E-03 | 6.9E-03 | 5.0E-01 | 2.7E+03 |
| 75-27-4 | Bromodichloromethane | 3.0E-02 | 6.5E-02 | 1.1E-05 | 5.5E+01 | 3.3E-01 | 2.3E-04 | 2.3E-03 | 4.4E-01 | 8.2E+03 |

**Table 9a**

**Derivation of Particulate Emission and Volatilization Factors, Onsite Resident**

Former Kast Property

| CAS Number | Constituents of Concern | Diffusivity in Air ($D_{air}$) ($cm^2/s$) | Henry's Law Constant (H') (unitless) | Diffusivity in Water ($D_{water}$) ($cm^2/s$) | Organic Carbon Partition Coefficient ($K_{oc}$) ($cm^3/g$) | Soil-Water Partition Coefficient (Kd) ($cm^3/g$) | Apparent Diffusivity ($D_A$) ($cm^2/s$) | Effective Diffusion Coefficient ($D_{eff}$) ($cm^2/s$) | Soil-water partition coefficient ($K_{sw}$) ($cm^3/g$) | Onsite Resident $VF_{soil}$ ($m^3/kg$) |
|---|---|---|---|---|---|---|---|---|---|---|
| 74-83-9 | Bromomethane | 7.3E-02 | 2.6E-01 | 1.2E-05 | 1.1E+01 | 6.3E-02 | 4.6E-03 | 5.7E-03 | 2.1E-01 | 1.8E+03 |
| 156-59-2 | Dichloroethene, cis-1,2- | 7.4E-02 | 1.7E-01 | 1.1E-05 | 3.6E+01 | 2.1E-01 | 1.8E-03 | 5.7E-03 | 3.4E-01 | 2.9E+03 |
| 100-41-4 | Ethylbenzene | 7.5E-02 | 3.2E-01 | 7.8E-06 | 3.6E+02 | 2.2E+00 | 5.3E-04 | 5.9E-03 | 2.3E+00 | 5.4E+03 |
| 75-09-2 | Methylene chloride | 1.0E-01 | 9.0E-02 | 1.2E-05 | 1.2E+01 | 7.0E-02 | 2.5E-03 | 7.9E-03 | 1.9E-01 | 2.5E+03 |
| 75-65-0 | tert-Butyl Alcohol (TBA) | 8.5E-02 | 3.0E-03 | 9.1E-06 | 4.2E+00 | 2.5E-02 | 1.1E-04 | 6.7E-03 | 1.3E-01 | 1.2E+04 |
| 127-18-4 | Tetrachloroethene | 7.2E-02 | 7.5E-01 | 8.2E-06 | 1.6E+02 | 9.3E-01 | 2.4E-03 | 5.6E-03 | 1.2E+00 | 2.5E+03 |
| 108-88-3 | Toluene | 8.7E-02 | 2.7E-01 | 8.6E-06 | 1.8E+02 | 1.1E+00 | 9.8E-04 | 6.8E-03 | 1.2E+00 | 3.9E+03 |
| 79-01-6 | Trichloroethene | 7.9E-02 | 4.2E-01 | 9.1E-06 | 1.7E+02 | 1.0E+00 | 1.5E-03 | 6.2E-03 | 1.2E+00 | 3.2E+03 |
| 75-01-4 | Vinyl chloride | 1.1E-01 | 1.1E+00 | 1.2E-05 | 1.9E+01 | 1.1E-01 | 1.5E-02 | 8.3E-03 | 4.2E-01 | 1.0E+03 |
| 1330-20-7 | Xylenes, total | 7.7E-02 | 3.1E-01 | 8.4E-06 | 3.9E+02 | 2.3E+00 | 5.0E-04 | 6.0E-03 | 2.5E+00 | 5.5E+03 |
| | **PAHs** | | | | | | | | | |
| 90-12-0 | Methylnaphthalene, 1- | 5.3E-02 | 2.1E-02 | 7.9E-06 | 3.0E+03 | 1.8E+01 | 3.1E-06 | 4.1E-03 | 1.8E+01 | 7.0E+04 |
| 91-57-6 | Methylnaphthalene, 2- | 5.2E-02 | 2.1E-02 | 7.8E-06 | 2.8E+03 | 1.7E+01 | 3.4E-06 | 4.1E-03 | 1.7E+01 | 6.7E+04 |
| 91-20-3 | Naphthalene | 5.9E-02 | 2.0E-02 | 7.5E-06 | 2.0E+03 | 1.2E+01 | 5.0E-06 | 4.6E-03 | 1.2E+01 | 5.5E+04 |
| 129-00-0 | Pyrene | 2.7E-02 | 4.5E-04 | 7.2E-06 | 1.1E+05 | 6.3E+02 | 1.1E-09 | 2.3E-03 | 6.3E+02 | 3.8E+06 |

Volatilization Factor; $VF_{soil}$:

$$VF_{soil} = Q/C \times \left(10^{-4}\ \frac{m^2}{cm^2}\right) \times \left(\frac{1}{P_b}\right)\left(\frac{3.14 \times T_{resident} \times K_{sw} \times P_b}{4 \times D_{eff} \times H'}\right)^{1/2}$$

**Table 9b**

**Derivation of Particulate Emission and Volatilization Factors, Onsite Construction and Utility Maintenance Worker**

Former Kast Property

| Parameter | Value | Units | Reference |
|---|---|---|---|
| Water-filled soil porosity (θw) | 1.5E-01 | (Lwater-Lsoil) | USEPA 2012 RSL default |
| Total soil porosity ($\theta_T$) | 4.3E-01 | (Lpore-Lsoil) | USEPA 2012 RSL default |
| Air-filled soil porosity (θa) | 2.8E-01 | (Lair-Lsoil) | USEPA 2012 RSL default |
| Soil bulk density (Pb) | 1.5 | $g/cm^3$ | USEPA 2012 RSL default |
| Fraction organic carbon in soil (foc) | 0.006 | unitless | USEPA 2012 RSL default |
| Exposure interval ($T_{CUW}$) | 7.9E+08 | sec | 25 year exposure duration for the construction/utility maintenance worker |
| Ambient air velocity in mixing zone ($U_{air}$) | 5.1E-01 | cm/s | Based on an air exchange rate of 20 $hr^{-1}$, wind direction parallel to the short side of the trench (3 ft or 91 cm), professional judgment |
| Width of source-zone area (W) | 457 | cm | Assume length of trench = 4.57 meters |
| Mixing zone height (H) | 183 | cm | Assume depth of trench = 1.83 meters |
| Width of trench ($W_t$) | 91 | cm | Assume width of trench = 0.91 meters |
| Source-zone area (A) | 2.4E+05 | $cm^2$ | 4 sidewalls and bottom area of trench |
| Dispersion factor for ambient air ($DF_{amb}$) | 1.7E-01 | cm/s | Calculated (ASTM 2004) |
| Particulate Emission Factor, $PEF_{CUW}$ | 1.0E+06 | ($m^3$/kg) | DTSC HERO HHRA Note Number 1 (Cal-EPA, 2011) |

| CAS Number | Constituents of Concern | Diffusivity in Air ($D_{air}$) ($cm^2$/s) | Henry's Law Constant (H') (unitless) | Diffusivity in Water ($D_{water}$) ($cm^2$/s) | Organic Carbon Partition Coefficient ($K_{oc}$) ($cm^3$/g) | Soil-Water Partition Coefficient (Kd) ($cm^3$/g) | Apparent Diffusivity ($D_A$) ($cm^2$/s) | Effective Diffusion Coefficient ($D_{eff}$) ($cm^2$/s) | Soil-water partition coefficient ($K_{sw}$) ($cm^3$/g) | Construction and Utility Maintenance Worker $VF_{soil-OA}$ ($m^3$/kg) | Which Media COC? | Construction and Utility Maintenance Worker $VF_{SV-OA}$ (µg/$m^3$ per µg/$m^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **VOCs** | | | | | | | | | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7.1E-02 | 1.4E-02 | 7.9E-06 | 9.3E+01 | 5.6E-01 | 7.8E-05 | 5.5E-03 | 6.6E-01 | 3.3E+02 | soil + SV | 7.0E+03 |
| 79-00-5 | 1,1,2-Trichloroethane | 7.8E-02 | 3.7E-02 | 8.8E-06 | 5.0E+01 | 3.0E-01 | 3.7E-04 | 6.1E-03 | 4.1E-01 | 1.5E+02 | SV only* | 1.4E+04 |
| 75-34-3 | 1,1-Dichloroethane | 7.4E-02 | 2.3E-01 | 1.1E-05 | 3.2E+01 | 1.9E-01 | 2.7E-03 | 5.8E-03 | 3.3E-01 | 5.6E+01 | SV only* | 3.9E+04 |
| 96-18-4 | 1,2,3-Trichloropropane | 7.1E-02 | 1.7E-02 | 7.9E-06 | 2.2E+01 | 1.3E-01 | 2.6E-04 | 5.5E-03 | 2.4E-01 | 1.8E+02 | soil only | -- |
| 95-63-6 | 1,2,4-Trimethylbenzene | 6.1E-02 | 2.5E-01 | 7.9E-06 | 1.4E+03 | 8.1E+00 | 9.6E-05 | 4.7E-03 | 8.3E+00 | 3.0E+02 | soil + SV | 9.0E+03 |
| 107-06-2 | 1,2-Dichloroethane | 1.0E-01 | 4.0E-02 | 9.9E-06 | 1.7E+01 | 1.0E-01 | 1.0E-03 | 8.1E-03 | 2.1E-01 | 9.1E+01 | soil + SV | 1.7E+04 |
| 78-87-5 | 1,2-Dichloropropane | 7.8E-02 | 1.1E-01 | 8.7E-06 | 4.4E+01 | 2.6E-01 | 1.2E-03 | 6.1E-03 | 3.8E-01 | 8.3E+01 | soil only | -- |
| 108-67-8 | 1,3,5-Trimethylbenzene | 6.0E-02 | 2.4E-01 | 8.7E-06 | 1.4E+03 | 8.1E+00 | 9.1E-05 | 4.7E-03 | 8.3E+00 | 3.0E+02 | soil + SV | 8.8E+03 |

**Table 9b**

**Derivation of Particulate Emission and Volatilization Factors, Onsite Construction and Utility Maintenance Worker**

Former Kast Property

| CAS Number | Constituents of Concern | Diffusivity in Air ($D_{air}$) ($cm^2/s$) | Henry's Law Constant (H') (unitless) | Diffusivity in Water ($D_{water}$) ($cm^2/s$) | Organic Carbon Partition Coefficient ($K_{oc}$) ($cm^3/g$) | Soil-Water Partition Coefficient (Kd) ($cm^3/g$) | Apparent Diffusivity ($D_A$) ($cm^2/s$) | Effective Diffusion Coefficient ($D_{eff}$) ($cm^2/s$) | Soil-water partition coefficient ($K_{sw}$) ($cm^3/g$) | Construction and Utility Maintenance Worker $VF_{soil-OA}$ ($m^3/kg$) | Which Media COC? | Construction and Utility Maintenance Worker $VF_{SV-OA}$ ($\mu g/m^3$ per $\mu g/m^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106-46-7 | 1,4-Dichlorobenzene | 6.9E-02 | 9.8E-02 | 7.9E-06 | 6.2E+02 | 3.7E+00 | 9.2E-05 | 5.4E-03 | 3.8E+00 | 3.0E+02 | soil + SV | 7.8E+03 |
| 591-78-6 | 2-Hexanone | 7.5E-02 | 3.8E-03 | 8.4E-06 | 9.4E+00 | 5.7E-02 | 9.4E-05 | 5.8E-03 | 1.6E-01 | 3.0E+02 | SV only* | 7.2E+03 |
| 622-96-8 | 4-Ethyltoluene | 6.8E-02 | 2.1E-01 | 7.3E-06 | 1.8E+03 | 1.1E+01 | 6.7E-05 | 5.3E-03 | 1.1E+01 | 3.5E+02 | SV only* | 6.7E+03 |
| 71-43-2 | Benzene | 8.8E-02 | 2.3E-01 | 9.8E-06 | 5.9E+01 | 3.5E-01 | 2.1E-03 | 6.9E-03 | 5.0E-01 | 6.3E+01 | soil + SV | 2.9E+04 |
| 75-27-4 | Bromodichloromethane | 3.0E-02 | 6.5E-02 | 1.1E-05 | 5.5E+01 | 3.3E-01 | 2.3E-04 | 2.3E-03 | 4.4E-01 | 1.9E+02 | soil + SV | 2.8E+04 |
| 74-83-9 | Bromomethane | 7.3E-02 | 2.6E-01 | 1.2E-05 | 1.1E+01 | 6.3E-02 | 4.6E-03 | 5.7E-03 | 2.1E-01 | 4.3E+01 | soil only | -- |
| 75-15-0 | Carbon disulfide | 1.0E-01 | 1.2E+00 | 1.0E-05 | 4.6E+01 | 2.7E-01 | 1.1E-02 | 8.1E-03 | 6.1E-01 | 2.8E+01 | SV only* | 5.6E+04 |
| 67-66-3 | Chloroform | 1.0E-01 | 1.5E-01 | 1.0E-05 | 4.0E+01 | 2.4E-01 | 2.2E-03 | 8.1E-03 | 3.7E-01 | 6.2E+01 | SV only* | 2.5E+04 |
| 110-82-7 | Cyclohexane | 7.4E-02 | 7.9E+00 | 8.5E-06 | 1.7E+02 | 9.9E-01 | 1.2E-02 | 5.7E-03 | 2.6E+00 | 2.7E+01 | SV only* | 8.2E+04 |
| 156-59-2 | Dichloroethene, cis-1,2- | 7.4E-02 | 1.7E-01 | 1.1E-05 | 3.6E+01 | 2.1E-01 | 1.8E-03 | 5.7E-03 | 3.4E-01 | 6.7E+01 | soil + SV | 3.3E+04 |
| 156-60-5 | Dichloroethene, trans-1,2- | 7.1E-02 | 3.8E-01 | 1.2E-05 | 5.3E+01 | 3.2E-01 | 2.9E-03 | 5.5E-03 | 4.9E-01 | 5.4E+01 | SV only* | 4.2E+04 |
| 10061-02-6 | Dichloropropene, trans-1,3- | 6.3E-02 | 7.2E-01 | 1.0E-05 | 4.6E+01 | 2.7E-01 | 4.6E-03 | 4.9E-03 | 5.1E-01 | 4.3E+01 | SV only* | 6.1E+04 |
| 64-17-5 | Ethanol | 1.5E-01 | 1.9E-04 | 1.6E-05 | 1.0E+00 | 6.0E-03 | 1.5E-05 | 1.3E-02 | 1.1E-01 | 7.6E+02 | SV only* | 1.3E+03 |
| 100-41-4 | Ethylbenzene | 7.5E-02 | 3.2E-01 | 7.8E-06 | 3.6E+02 | 2.2E+00 | 5.4E-04 | 5.9E-03 | 2.3E+00 | 1.2E+02 | soil + SV | 1.7E+04 |
| 142-82-5 | Heptane | 9.3E-02 | 8.2E+01 | 7.6E-06 | 2.7E+02 | 1.6E+00 | 2.3E-02 | 7.2E-03 | 1.7E+01 | 1.9E+01 | SV only* | 9.2E+04 |
| 87-68-3 | Hexachloro-1,3-butadiene | 5.6E-02 | 3.3E-01 | 6.2E-06 | 5.4E+04 | 3.2E+02 | 3.0E-06 | 4.4E-03 | 3.2E+02 | 1.7E+03 | SV only* | 1.7E+03 |
| 110-54-3 | Hexane | 2.0E-01 | 6.8E+01 | 7.8E-06 | 4.3E+01 | 2.6E-01 | 5.4E-02 | 1.6E-02 | 1.3E+01 | 1.2E+01 | SV only* | 6.5E+04 |
| 67-63-0 | Isopropanol | 8.0E-02 | 3.6E-04 | 9.3E-06 | 6.9E+00 | 4.2E-02 | 1.1E-05 | 6.5E-03 | 1.4E-01 | 8.7E+02 | SV only* | 2.2E+03 |
| 98-82-8 | Isopropylbenzene (cumene) | 6.5E-02 | 4.7E+01 | 7.1E-06 | 4.9E+02 | 2.9E+00 | 1.3E-02 | 5.1E-03 | 1.2E+01 | 2.5E+01 | SV only* | 1.0E+05 |
| 78-93-3 | Methyl ethyl ketone (2-butanone) | 8.1E-02 | 2.3E-03 | 9.8E-06 | 2.3E+00 | 1.4E-02 | 8.4E-05 | 6.3E-03 | 1.1E-01 | 3.1E+02 | SV only* | 6.3E+03 |
| 75-09-2 | Methylene chloride | 1.0E-01 | 9.0E-02 | 1.2E-05 | 1.2E+01 | 7.0E-02 | 2.5E-03 | 7.9E-03 | 1.9E-01 | 5.8E+01 | soil + SV | 2.8E+04 |
| 1634-04-4 | Methyl-tert-butyl ether | 1.0E-01 | 2.6E-02 | 1.1E-05 | 7.3E+00 | 4.4E-02 | 9.1E-04 | 8.0E-03 | 1.5E-01 | 9.6E+01 | SV only* | 1.6E+04 |
| 103-65-1 | Propylbenzene | 6.0E-02 | 4.4E-01 | 7.8E-06 | 5.6E+02 | 3.4E+00 | 3.8E-04 | 4.7E-03 | 3.6E+00 | 1.5E+02 | SV only* | 1.8E+04 |
| 75-65-0 | tert-Butyl Alcohol (TBA) | 8.5E-02 | 3.0E-03 | 9.1E-06 | 4.2E+00 | 2.5E-02 | 1.1E-04 | 6.7E-03 | 1.3E-01 | 2.8E+02 | soil + SV | 6.7E+03 |
| 127-18-4 | Tetrachloroethene | 7.2E-02 | 7.5E-01 | 8.2E-06 | 1.6E+02 | 9.3E-01 | 2.4E-03 | 5.6E-03 | 1.2E+00 | 5.9E+01 | soil + SV | 3.8E+04 |

**Table 9b**

**Derivation of Particulate Emission and Volatilization Factors, Onsite Construction and Utility Maintenance Worker**

Former Kast Property

| CAS Number | Constituents of Concern | Diffusivity in Air ($D_{air}$) ($cm^2/s$) | Henry's Law Constant (H') (unitless) | Diffusivity in Water ($D_{water}$) ($cm^2/s$) | Organic Carbon Partition Coefficient ($K_{oc}$) ($cm^3/g$) | Soil-Water Partition Coefficient (Kd) ($cm^3/g$) | Apparent Diffusivity ($D_A$) ($cm^2/s$) | Effective Diffusion Coefficient ($D_{eff}$) ($cm^2/s$) | Soil-water partition coefficient ($K_{sw}$) ($cm^3/g$) | Construction and Utility Maintenance Worker $VF_{soil-OA}$ ($m^3/kg$) | Which Media COC? | Construction and Utility Maintenance Worker $VF_{SV-OA}$ ($\mu g/m^3$ per $\mu g/m^3$) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108-88-3 | Toluene | 8.7E-02 | 2.7E-01 | 8.6E-06 | 1.8E+02 | 1.1E+00 | 9.8E-04 | 6.8E-03 | 1.2E+00 | 9.2E+01 | soil + SV | 2.0E+04 |
| 79-01-6 | Trichloroethene | 7.9E-02 | 4.2E-01 | 9.1E-06 | 1.7E+02 | 1.0E+00 | 1.5E-03 | 6.2E-03 | 1.2E+00 | 7.5E+01 | soil + SV | 2.7E+04 |
| 75-01-4 | Vinyl chloride | 1.1E-01 | 1.1E+00 | 1.2E-05 | 1.9E+01 | 1.1E-01 | 1.5E-02 | 8.3E-03 | 4.2E-01 | 2.4E+01 | soil + SV | 6.3E+04 |
| 95-47-6 | Xylene, o- | 8.7E-02 | 2.1E-01 | 1.0E-05 | 3.6E+02 | 2.2E+00 | 4.1E-04 | 6.8E-03 | 2.3E+00 | 1.4E+02 | SV only* | 1.3E+04 |
| 106-42-3 | Xylene, p- | 7.7E-02 | 3.1E-01 | 8.4E-06 | 3.9E+02 | 2.3E+00 | 5.0E-04 | 6.0E-03 | 2.5E+00 | 1.3E+02 | SV only* | 1.6E+04 |
| 1330-20-7 | Xylenes, total | 7.7E-02 | 3.1E-01 | 8.4E-06 | 3.9E+02 | 2.3E+00 | 5.0E-04 | 6.0E-03 | 2.5E+00 | 1.3E+02 | soil only | -- |
| | **PAHs** | | | | | | | | | | | |
| 90-12-0 | Methylnaphthalene, 1- | 5.3E-02 | 2.1E-02 | 7.9E-06 | 3.0E+03 | 1.8E+01 | 3.1E-06 | 4.1E-03 | 1.8E+01 | 1.6E+03 | soil only | -- |
| 91-57-6 | Methylnaphthalene, 2- | 5.2E-02 | 2.1E-02 | 7.8E-06 | 2.8E+03 | 1.7E+01 | 3.4E-06 | 4.1E-03 | 1.7E+01 | 1.6E+03 | soil only | -- |
| 91-20-3 | Naphthalene | 5.9E-02 | 2.0E-02 | 7.5E-06 | 2.0E+03 | 1.2E+01 | 5.0E-06 | 4.6E-03 | 1.2E+01 | 1.3E+03 | soil + SV | 2.1E+03 |
| 129-00-0 | Pyrene | 2.7E-02 | 4.5E-04 | 7.2E-06 | 1.1E+05 | 6.3E+02 | 1.1E-09 | 2.3E-03 | 6.3E+02 | 8.8E+04 | soil only | -- |

Notes:

" -- " Not selected as a Constituent of Concern (COC) for this medium

" Soil Vapor only* " indicates that this compound was only selected as a soil vapor COC; however, a $VF_{soil-OA}$ had to be derived in order to calcuate its $VF_{SV-OA}$.

Volatilization Factor:

$$VF_{soil-OA} = \frac{DF_{amb}}{Pb} \times \left[ \frac{(3.14 \times T_{CUW} \times K_{sw} \times Pb)}{(4 \times D_{eff} \times H')} \right]^{1/2} \times CF_1 \times CF_2$$

and

$$VF_{SV-OA} = VF_{soil-OA} \times \frac{H'}{K_{sw}} \times (CF_1 \times CF_2)$$

**Table 10**
**Toxicity Criteria**
Former Kast Property

| CAS Number | Constituents of Concern | Dermal ABS^ | GI ABS^ | Cancer Toxicity Criteria | | | | | Noncancer Toxicity Criteria | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Oral Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | Source | Dermal Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | Source | Oral RfD (mg/kg-day) | Dermal RfD (mg/kg-day) | Source | Inhalation RfC or REL $(mg/m^3)$ | Source |
| | **Inorganics** | | | | | | | | | | | | |
| 7440-36-0 | Antimony | NA | 0.15 | NC | | NC | NC | | 4.0E-04 | 6.0E-05 | I | NA | |
| 7440-38-2 | Arsenic | 0.03 | 1 | 9.5E+00 | C | 9.5E+00 | 3.3E-03 | C | 3.0E-04 | 3.0E-04 | I | 1.5E-05 | C |
| 7440-43-9 | Cadmium | 0.001 | 0.025 | NC | | NC | 4.2E-03 | C | 1.0E-03 | 2.5E-05 | I | 2.0E-05 | C |
| 18540-29-9 | Chromium, hexavalent | NA | 0.025 | 5.0E-01 | J | NC | 1.5E-01 | C | 3.0E-03 | 7.5E-05 | I | 1.0E-04 | I |
| 7440-48-4 | Cobalt | NA | 1 | NC | | NC | 9.0E-03 | P | 3.0E-04 | 3.0E-04 | P | 6.0E-06 | P |
| 7440-50-8 | Copper | NA | 1 | NC | | NC | NC | | 4.0E-02 | 4.0E-02 | H | NA | |
| 7439-92-1 | Lead | NA | 1 | NC | | NC | NC | | NA | NA | | NA | |
| 7440-28-0 | Thallium | NA | 1 | NC | | NC | NC | | 1.0E-05 | 1.0E-05 | X | NA | |
| 7440-62-2 | Vanadium | NA | 1 | NC | | NC | NC | | 5.0E-03 | 5.0E-03 | S | 1.0E-04 | A |
| 7440-66-6 | Zinc | NA | 1 | NC | | NC | NC | | 3.0E-01 | 3.0E-01 | I | NA | |
| | **PAHs** | | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | 0.13 | 1 | 2.9E-01 | C* | 2.9E-01 | 1.1E-04 | C | NA | NA | | NA | |
| 50-32-8 | Benzo (a) pyrene | 0.13 | 1 | 2.9E+00 | C* | 2.9E+00 | 1.1E-03 | C | NA | NA | | NA | |
| 205-99-2 | Benzo (b) fluoranthene | 0.13 | 1 | 2.9E-01 | C* | 2.9E-01 | 1.1E-04 | C | NA | NA | | NA | |
| 207-08-9 | Benzo (k) fluoranthene | 0.13 | 1 | 2.9E-01 | C* | 2.9E-01 | 1.1E-04 | C | NA | NA | | NA | |
| 218-01-9 | Chrysene | 0.13 | 1 | 2.9E-02 | C* | 2.9E-02 | 1.1E-05 | C | NA | NA | | NA | |
| 53-70-3 | Dibenz (a,h) anthracene | 0.13 | 1 | 4.1E+00 | C | 4.1E+00 | 1.2E-03 | C | NA | NA | | NA | |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 0.13 | 1 | 2.9E-01 | C* | 2.9E-01 | 1.1E-04 | C | NA | NA | | NA | |
| 90-12-0 | Methylnaphthalene, 1- | 0.13 | 1 | 2.9E-02 | P | 2.9E-02 | NC | | 7.0E-02 | 7.0E-02 | A | NA | |
| 91-57-6 | Methylnaphthalene, 2- | 0.13 | 1 | NC | | NC | NC | | 4.0E-03 | 4.0E-03 | I | NA | |
| 91-20-3 | Naphthalene | 0.13 | 1 | NC | | NC | 3.4E-05 | C | 2.0E-02 | 2.0E-02 | I | 3.0E-03 | I |
| 129-00-0 | Pyrene | 0.13 | 1 | NC | | NC | NC | | 3.0E-02 | 3.0E-02 | I | 1.1E-01 | R |

**Table 10**
**Toxicity Criteria**
Former Kast Property

| CAS Number | Constituents of Concern | Dermal ABS^ | GI ABS^ | Cancer Toxicity Criteria | | | | | Noncancer Toxicity Criteria | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Oral Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | Source | Dermal Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | Source | Oral RfD (mg/kg-day) | Dermal RfD (mg/kg-day) | Source | Inhalation RfC or REL $(mg/m^3)$ | Source |
| | **TPH** | | | | | | | | | | | | |
| | TPH Aliphatic: C5-C8 | 0.13 | 1 | NC | | NC | NC | | 4.0E-02 | 4.0E-02 | B | 7.0E-01 | B |
| | TPH Aliphatic: C9-C18 | 0.13 | 1 | NC | | NC | NC | | 1.0E-01 | 1.0E-01 | B | 3.0E-01 | B |
| | TPH Aliphatic: C19-C32 | 0.13 | 1 | NC | | NC | NC | | 2.0E+00 | 2.0E+00 | B | -- | B |
| | TPH Aromatic: C6-C8 | 0.13 | 1 | NC | | NC | NC | | -- | -- | B | -- | B |
| | TPH Aromatic: C9-C16 | 0.13 | 1 | NC | | NC | NC | | 3.0E-02 | 3.0E-02 | B | 5.0E-02 | B |
| | TPH Aromatic: C17-C32 | 0.13 | 1 | NC | | NC | NC | | 3.0E-02 | 3.0E-02 | B | -- | B |
| | **SVOCs** | | | | | | | | | | | | |
| 121-14-2 | 2,4-Dinitrotoluene | 0.102 | 1 | 3.1E-01 | C | 3.1E-01 | 8.9E-05 | C | 2.0E-03 | 2.0E-03 | I | 7.0E-03 | R |
| 117-81-7 | Bis(2-Ethylhexyl) Phthalate | 0.1 | 1 | 1.4E-02 | I | 1.4E-02 | 2.4E-06 | C | 2.0E-02 | 2.0E-02 | I | 7.0E-02 | R |
| | **VOCs** | | | | | | | | | | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | NA | 1 | 2.7E-01 | C | 2.7E-01 | 5.8E-05 | C | 2.0E-02 | 2.0E-02 | I | 7.0E-02 | R |
| 79-00-5 | 1,1,2-Trichloroethane | NA | 1 | 7.2E-02 | C | 7.2E-02 | 1.6E-05 | C | 4.0E-03 | 4.0E-03 | I | 2.0E-04 | X |
| 75-34-3 | 1,1-Dichloroethane | NA | 1 | 5.7E-03 | C | 5.7E-03 | 1.6E-06 | C | 2.0E-01 | 2.0E-01 | P | 7.0E-01 | R |
| 96-18-4 | 1,2,3-Trichloropropane | NA | 1 | 3.0E+01 | I | 3.0E+01 | NC | | 4.0E-03 | 4.0E-03 | I | 3.0E-04 | I |
| 120-82-1 | 1,2,4-Trichlorobenzene | NA | 1 | 3.6E-03 | C | 3.6E-03 | NC | | 1.0E-02 | 1.0E-02 | I | 2.0E-03 | P |
| 95-63-6 | 1,2,4-Trimethylbenzene | NA | 1 | NC | | NC | NC | | 1.0E-02 | 1.0E-02 | X | 7.0E-03 | P |
| 107-06-2 | 1,2-Dichloroethane | NA | 1 | 4.7E-02 | C | 4.7E-02 | 2.1E-05 | C | 6.0E-03 | 6.0E-03 | X | 7.0E-03 | P |
| 78-87-5 | 1,2-Dichloropropane | NA | 1 | 3.6E-02 | C | 3.6E-02 | 1.0E-05 | C | 9.0E-02 | 9.0E-02 | A | 4.0E-03 | I |
| 108-67-8 | 1,3,5-Trimethylbenzene | NA | 1 | NC | | NC | NC | | 1.0E-02 | 1.0E-02 | X | 7.0E-03 | P |
| 106-99-0 | 1,3-Butadiene | NA | 1 | 3.4E+00 | C | 3.4E+00 | 1.7E-04 | C | 5.7E-04 | 5.7E-04 | R | 2.0E-03 | I |
| 106-46-7 | 1,4-Dichlorobenzene | NA | 1 | 5.4E-03 | C | 5.4E-03 | 1.1E-05 | C | 7.0E-02 | 7.0E-02 | A | 8.0E-01 | C |
| 123-91-1 | 1,4-Dioxane | 0.1 | 1 | 2.7E-02 | C | 2.7E-02 | 7.7E-06 | C | 3.0E-02 | 3.0E-02 | I | 3.0E+00 | C |
| 540-84-1 | 2,2,4-Trimethylpentane | NA | 1 | NC | | NC | NC | | NA | NA | | 1.0E+00 | D |

**Table 10**
**Toxicity Criteria**
Former Kast Property

| CAS Number | Constituents of Concern | Dermal ABS^ | GI ABS^ | Cancer Toxicity Criteria | | | | | Noncancer Toxicity Criteria | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Oral Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | Source | Dermal Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | Source | Oral RfD (mg/kg-day) | Dermal RfD (mg/kg-day) | Source | Inhalation RfC or REL $(mg/m^3)$ | Source |
| 591-78-6 | 2-Hexanone | NA | 1 | NC | | NC | NC | | 5.0E-03 | 5.0E-03 | I | 3.0E-02 | I |
| 622-96-8 | 4-Ethyltoluene* | NA | 1 | NC | | NC | NC | | 2.0E-01 | 2.0E-01 | S | 1.0E-01 | S |
| 71-43-2 | Benzene | NA | 1 | 1.0E-01 | C | 1.0E-01 | 2.9E-05 | C | 4.0E-03 | 4.0E-03 | I | 3.0E-02 | I |
| 75-27-4 | Bromodichloromethane | NA | 1 | 1.3E-01 | C | 1.3E-01 | 3.7E-05 | C | 2.0E-02 | 2.0E-02 | I | 7.0E-02 | R |
| 74-83-9 | Bromomethane | NA | 1 | NC | | NC | NC | | 1.4E-03 | 1.4E-03 | I | 5.0E-03 | C |
| 75-15-0 | Carbon disulfide | NA | 1 | NC | | NC | NC | | 1.0E-01 | 1.0E-01 | I | 7.0E-01 | I |
| 56-23-5 | Carbon tetrachloride | NA | 1 | 1.5E-01 | C | 1.5E-01 | 4.2E-05 | C | 4.0E-03 | 4.0E-03 | I | 1.0E-01 | I |
| 67-66-3 | Chloroform | NA | 1 | 3.1E-02 | C | 3.1E-02 | 5.3E-06 | C | 1.0E-02 | 1.0E-02 | I | 9.8E-02 | A |
| 110-82-7 | Cyclohexane | NA | 1 | NC | | NC | NC | | 1.7E+00 | 1.7E+00 | R | 6.0E+00 | I |
| 124-48-1 | Dibromochloromethane | 0.1 | 1 | 9.4E-02 | C | 9.4E-02 | 2.7E-05 | C | 2.0E-02 | 2.0E-02 | I | 7.0E-02 | R |
| 156-59-2 | Dichloroethene, cis-1,2- | NA | 1 | NC | | NC | NC | | 2.0E-03 | 2.0E-03 | I | 7.0E-03 | R |
| 156-60-5 | Dichloroethene, trans-1,2- | NA | 1 | NC | | NC | NC | | 2.0E-02 | 2.0E-02 | I | 6.0E-02 | P |
| 10061-02-6 | Dichloropropene, trans-1,3-* | NA | 1 | 9.1E-02 | C | 9.1E-02 | 1.6E-05 | C | 3.0E-02 | 3.0E-02 | I | 2.0E-02 | I |
| 64-17-5 | Ethanol* | NA | 1 | NC | | NC | NC | | 5.0E-01 | 5.0E-01 | I | 4.0E+00 | C |
| 100-41-4 | Ethylbenzene | NA | 1 | 1.1E-02 | C | 1.1E-02 | 2.5E-06 | C | 1.0E-01 | 1.0E-01 | I | 1.0E+00 | I |
| 142-82-5 | Heptane* | NA | 1 | NC | | NC | NC | | 6.0E-02 | 6.0E-02 | H | 7.0E-01 | I |
| 87-68-3 | Hexachloro-1,3-butadiene | 0.1 | 1 | 7.8E-02 | I | 7.8E-02 | 2.2E-05 | I | 1.0E-03 | 1.0E-03 | P | 3.5E-03 | R |
| 110-54-3 | Hexane | NA | 1 | NC | | NC | NC | | 6.0E-02 | 6.0E-02 | H | 7.0E-01 | I |
| 67-63-0 | Isopropanol | 0.1 | 1 | NC | | NC | NC | | NA | NA | | 7.0E+00 | C |
| 98-82-8 | Isopropylbenzene (cumene) | NA | 1 | NC | | NC | NC | | 1.0E-01 | 1.0E-01 | I | 4.0E-01 | I |
| 78-93-3 | Methyl ethyl ketone (2-butanone) | NA | 1 | NC | | NC | NC | | 6.0E-01 | 6.0E-01 | I | 5.0E+00 | I |
| 75-09-2 | Methylene chloride | NA | 1 | 1.4E-02 | C | 1.4E-02 | 1.0E-06 | C | 6.0E-03 | 6.0E-03 | I | 6.0E-01 | I |
| 1634-04-4 | Methyl-tert-butyl ether | NA | 1 | 1.8E-03 | C | 1.8E-03 | 2.6E-07 | C | 8.6E-01 | 8.6E-01 | R | 3.0E+00 | I |
| 103-65-1 | Propylbenzene | 0.1 | 1 | NC | | NC | NC | | 1.0E-01 | 1.0E-01 | X | 1.0E+00 | X |
| 75-65-0 | tert-Butyl Alcohol (TBA)* | 0.1 | 1 | NC | | NC | NC | | 3.0E-01 | 3.0E-01 | I | 1.1E+00 | R |

**Table 10**
**Toxicity Criteria**
Former Kast Property

| CAS Number | Constituents of Concern | Dermal ABS^ | GI ABS^ | Cancer Toxicity Criteria | | | | | Noncancer Toxicity Criteria | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Oral Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | Source | Dermal Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | Source | Oral RfD (mg/kg-day) | Dermal RfD (mg/kg-day) | Source | Inhalation RfC or REL $(mg/m^3)$ | Source |
| 127-18-4 | Tetrachloroethene | NA | 1 | 5.4E-01 | C | 5.4E-01 | 5.9E-06 | C | 6.0E-03 | 6.0E-03 | I | 4.0E-02 | I |
| 109-99-9 | Tetrahydrofuran | 0.1 | 1 | NC | | NC | NC | | 9.0E-01 | 9.0E-01 | I | 2.0E+00 | I |
| 108-88-3 | Toluene | NA | 1 | NC | | NC | NC | | 8.0E-02 | 8.0E-02 | I | 5.0E+00 | I |
| 79-01-6 | Trichloroethene | NA | 1 | 4.6E-02 | I | 4.6E-02 | 4.1E-06 | I | 5.0E-04 | 5.0E-04 | I | 2.0E-03 | I |
| 75-01-4 | Vinyl chloride | NA | 1 | 2.7E-01 | C | 2.7E-01 | 7.8E-05 | C | 3.0E-03 | 3.0E-03 | I | 1.0E-01 | I |
| 1330-20-7 | Xylene, total | NA | 1 | NC | | NC | NC | | 2.0E-01 | 2.0E-01 | S | 1.0E-01 | S |

Notes:

" NA " not available; " -- " not applicable; " NC " not considered a carcinogen; " ABS " absorption; " GI " gastrointestinal; " PAH " Polycyclic Aromatic Hydrocarbons; " RfD " reference dose; " RfC " reference concentration; " REL " reference exposure level

Surrogates: * p-Xylene for 4-Ethyltoluene; Hexane for Heptane; Isobutyl alcohol for tert-Butyl Alcohol; 1,3-Dichloropropene for trans-1,3-Dichloropropene; Methanol for Ethanol

^ Source of Dermal ABS and GI ABS: USEPA 2013b. Regional Screening Levels for Chemical Contaminants at Superfund Sites. November. http://www.epa.gov/region9/superfund//prg/index.html

Key:

C* = Cal-EPA 2010

C = Cal-EPA 2013

A = Agency For Toxic Substances And Disease Registry (ATSDR) as reported in USEPA 2013b

B = Cal-EPA 2009. Interim Guidance: Evaluating Human Health Risks from Total Petroleum Hydrocarbons.

D = TPHCWG, 1997. Develoment of Fraction Specific Reference Doses (RfDs) and Reference Concentrations (RfCs) for TPH

H = Health Effects Assessment Summary Tables (HEAST). July. EPA 540/R-97-036-PB97-921199 as reported in USEPA 2013b

I = Integrated Risk Information System Database, IRIS in USEPA 2013a

J = New Jersey; reported in USEPA 2013b

P = Provisional Peer Reviewed Toxicity Value (PPRTV) as reported in USEPA 2013b

R = route-to-route extrapolation

S = reported in USEPA 2013b

X = PPRTV Appendix; reported in USEPA 2013b

**Table 11**
**Site-Specific Cleanup Goals for Soil**
Former Kast Property

| CAS Number | Constituents of Concern[2] | $SSCG_{soil-GW}$[3] (mg/kg) | (BTV)[4] (mg/kg) | Soil Site-Specific Cleanup Goals[1] (mg/kg) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Onsite Resident | | | | Construction and Utility Maintenance Worker | |
| | | | | EF = 350 d/y | | EF = 4 d/y | | | |
| | | | | SSCGnc | SSCGc | SSCGnc | SSCGc | SSCGnc | SSCGc |
| | **Inorganics** | | | | | | | | |
| 7440-36-0 | Antimony | 2.7E-01 | 7.4E-01 | 3.1E+01 | -- | 2.7E+03 | -- | 3.1E+03 | -- |
| 7440-38-2 | Arsenic | -- | 1.2E+01 | 2.2E+01 | 6.1E-02 | 1.9E+03 | 5.4E+00 | 4.1E+02 | 1.5E+01 |
| 7440-43-9 | Cadmium | -- | 3.8E+00 | 7.0E+01 | 6.7E+04 | 6.2E+03 | 5.8E+06 | 6.4E+02 | 2.4E+02 |
| 18540-29-9 | Chromium VI | -- | -- | 2.3E+02 | 1.3E+00 | 2.1E+04 | 1.1E+02 | 3.2E+03 | 6.7E+00 |
| 7440-48-4 | Cobalt | -- | 1.1E+01 | 2.3E+01 | 3.1E+04 | 2.1E+03 | 2.7E+06 | 2.0E+02 | 1.1E+02 |
| 7440-50-8 | Copper | -- | 5.9E+01 | 3.1E+03 | -- | 2.7E+05 | -- | 3.1E+05 | -- |
| 7439-92-1 | Lead | -- | 6.1E+01 | 8.0E+01[5] | -- | 8.2E+02[6] | -- | 8.2E+02[7] | -- |
| 7440-28-0 | Thallium | 1.4E-01 | 2.3E-01 | 7.8E-01 | -- | 6.8E+01 | -- | 7.7E+01 | -- |
| 7440-62-2 | Vanadium | -- | 4.6E+01 | 3.9E+02 | -- | 3.4E+04 | -- | 3.3E+03 | -- |
| 7440-66-6 | Zinc | -- | 2.9E+02 | 2.3E+04 | -- | 2.1E+06 | -- | 2.3E+06 | -- |
| | **PAHs** | | | | | | | | |
| 56-55-3 | Benz[a]anthracene | -- | -- | -- | 1.6E+00 | -- | 1.4E+02 | -- | 2.6E+02 |
| 50-32-8 | Benzo[a]pyrene | -- | 9.0E-01 | -- | 1.6E-01 | -- | 1.4E+01 | -- | 2.6E+01 |
| 205-99-2 | Benzo[b]fluoranthene | -- | -- | -- | 1.6E+00 | -- | 1.4E+02 | -- | 2.6E+02 |
| 207-08-9 | Benzo[k]fluoranthene | -- | -- | -- | 1.6E+00 | -- | 1.4E+02 | -- | 2.6E+02 |
| 218-01-9 | Chrysene | -- | -- | -- | 1.6E+01 | -- | 1.4E+03 | -- | 2.6E+03 |
| 53-70-3 | Dibenz[a,h]anthracene | -- | -- | -- | 1.1E-01 | -- | 9.7E+00 | -- | 1.9E+01 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | -- | -- | -- | 1.6E+00 | -- | 1.4E+02 | -- | 2.6E+02 |
| 90-12-0 | Methylnaphthalene, 1- | -- | -- | 4.0E+03 | 1.6E+01 | 3.5E+05 | 1.4E+03 | 1.9E+05 | 2.7E+03 |
| 91-57-6 | Methylnaphthalene, 2- | -- | -- | 2.3E+02 | -- | 2.0E+04 | -- | 1.1E+04 | -- |
| 91-20-3 | Naphthalene | 1.4E+01 | -- | 1.5E+02 | 4.0E+00 | 1.3E+04 | 3.5E+02 | 1.4E+02 | 3.9E+01 |
| 129-00-0 | Pyrene | -- | -- | 1.7E+03 | -- | 1.5E+05 | -- | 6.7E+04 | -- |
| | **TPH** | | | | | | | | |
| | TPHg | 1.2E+02 | -- | 7.6E+02 | -- | 6.6E+04 | -- | 8.6E+02 | -- |
| | TPHd | 6.3E+02 | -- | 1.3E+03 | -- | 1.1E+05 | -- | 1.9E+03 | -- |
| | TPHmo | 1.0E+04 | -- | 3.3E+03 | -- | 2.9E+05 | -- | 1.6E+05 | -- |
| | **SVOCs** | | | | | | | | |
| 121-14-2 | 2,4-Dinitrotoluene | -- | -- | 1.2E+02 | 1.6E+00 | 1.1E+04 | 1.4E+02 | 6.3E+03 | 2.8E+02 |
| 117-81-7 | Bis(2-Ethylhexyl) Phthalate | -- | -- | 1.2E+03 | 3.5E+01 | 1.1E+05 | 3.0E+03 | 6.3E+04 | 6.4E+03 |
| | **VOCs** | | | | | | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | -- | -- | 6.2E+02 | 4.7E-01 | 5.4E+04 | 4.1E+01 | 8.3E+02 | 5.7E+00 |
| 96-18-4 | 1,2,3-Trichloropropane | 4.2E-06 | -- | 2.4E+00 | 2.1E-02 | 2.1E+02 | 1.9E+00 | 2.0E+00 | 7.2E+00 |
| 95-63-6 | 1,2,4-Trimethylbenzene | -- | -- | 8.3E+01 | -- | 7.2E+03 | -- | 7.5E+01 | -- |
| 107-06-2 | 1,2-Dichloroethane | 3.2E-04 | -- | -- | -- | -- | -- | -- | -- |
| 78-87-5 | 1,2-Dichloropropane | -- | -- | 1.5E+01 | 8.3E-01 | 1.3E+03 | 7.2E+01 | 1.2E+01 | 8.5E+00 |
| 108-67-8 | 1,3,5-Trimethylbenzene | -- | -- | 8.5E+01 | -- | 7.4E+03 | -- | 7.7E+01 | -- |
| 106-46-7 | 1,4-Dichlorobenzene | 1.2E-02 | -- | 3.6E+03 | 2.8E+00 | 3.2E+05 | 2.4E+02 | 8.7E+03 | 2.8E+01 |
| 71-43-2 | Benzene | 2.1E-02 | -- | 6.7E+01 | 2.2E-01 | 5.8E+03 | 1.9E+01 | 6.9E+01 | 2.2E+00 |
| 75-27-4 | Bromodichloromethane | -- | -- | 4.3E+02 | 4.9E-01 | 3.8E+04 | 4.2E+01 | 4.9E+02 | 5.3E+00 |

**Table 11**
**Site-Specific Cleanup Goals for Soil**
Former Kast Property

| CAS Number | Constituents of Concern[2] | $SSCG_{soil-GW}$[3] (mg/kg) | (BTV)[4] (mg/kg) | Soil Site-Specific Cleanup Goals[1] (mg/kg) | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Onsite Resident | | | | Construction and Utility Maintenance Worker | |
| | | | | EF = 350 d/y | | EF = 4 d/y | | | |
| | | | | SSCGnc | SSCGc | SSCGnc | SSCGc | SSCGnc | SSCGc |
| 74-83-9 | Bromomethane | -- | -- | 8.8E+00 | -- | 7.7E+02 | -- | 7.8E+00 | -- |
| 156-59-2 | Dichloroethene, cis-1,2- | 3.9E-03 | -- | -- | -- | -- | -- | -- | -- |
| 100-41-4 | Ethylbenzene | -- | -- | 3.3E+03 | 4.8E+00 | 2.9E+05 | 4.2E+02 | 4.5E+03 | 5.1E+01 |
| 75-09-2 | Methylene chloride | -- | -- | 3.6E+02 | 5.3E+00 | 3.2E+04 | 4.7E+02 | 1.2E+03 | 5.9E+01 |
| 75-65-0 | tert-Butyl Alcohol | 7.9E-03 | -- | -- | -- | -- | -- | -- | -- |
| 127-18-4 | Tetrachloroethene | 5.8E-03 | -- | 8.6E+01 | 5.5E-01 | 7.5E+03 | 4.9E+01 | 8.6E+01 | 1.0E+01 |
| 108-88-3 | Toluene | -- | -- | 4.8E+03 | -- | 4.2E+05 | -- | 1.6E+04 | -- |
| 79-01-6 | Trichloroethene | 3.2E-03 | -- | 5.8E+00 | 1.2E+00 | 5.0E+02 | 1.0E+02 | 5.5E+00 | 1.9E+01 |
| 75-01-4 | Vinyl chloride | 3.2E-04 | -- | 7.4E+01 | 3.2E-02 | 6.4E+03 | 2.8E+00 | 8.7E+01 | 3.1E-01 |
| 1330-20-7 | Xylene, total | -- | | 5.6E+02 | -- | 4.9E+04 | -- | 4.7E+02 | -- |

Notes:

" -- " not applicable

EF = exposure frequency; d/y = days per year

TPHg = Total Petroleum Hydrocarbons- gasoline range

TPHd = Total Petroleum Hydrocarbons- diesel range

TPHmo = Total Petroleum Hydrocarbons- motor oil range

[1] See Section 5 for derivation of these Site-specific cleanup goals (SSCGs).

$SSCG_{soil-GW}$ = based on soil leaching to groundwater; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects

[2] See Section 2 for discussion of Constituents of Concern.

[3] A $SSCG_{soil-GW}$ value was only listed for those COCs identified for potential soil leaching to groundwater. These $SSCG_{soil-GW}$ are from the January 23, 2014 letter from the Regional Board on the Revised SSCG Report as corrected in the May 29, 2014 letter from the Regional Board for benzene and TPH-mo.

[4] To evaluate potential human health exposures, the higher value between the health-based SSCG and Background Threshold Value (BTV) will be selected as the cleanup goal.
To evaluate potential leaching to groundwater, the higher between $SSCG_{soil-GW}$ and BTV will be will be selected as the cleanup goal.

[5] Cal-EPA 2009b. Revised California Human Health Screening Levels for Lead. September 2009.

[6] Based on USEPA adult lead model (USEPA, 2003a), similar parameters used for the residential CHHSL, and a lower exposure frequency.

[7] Based on USEPA adult lead model (USEPA, 2003a), similar parameters used for the industrial worker CHHSL, and a lower exposure frequency.

**Table 12**

**Site-Specific Cleanup Goals for Sub-Slab and Soil Vapor**

Former Kast Property

| CAS Number | Constituents of Concern[1] | Odor-Based SSCG[2] (µg/m³) | Sub-Slab and Soil Vapor[3] | | Soil Vapor | |
|---|---|---|---|---|---|---|
| | | | Onsite Resident | | Construction and Utility Maintenance Worker | |
| | | | SSCGnc (µg/m$^3$) | SSCGc (µg/m$^3$) | SSCGnc (µg/m$^3$) | SSCGc (µg/m$^3$) |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5.2E+06 | 3.7E+04 | 2.1E+01 | 1.8E+07 | 1.2E+05 |
| 79-00-5 | 1,1,2-Trichloroethane | -- | 1.0E+02 | 7.5E+01 | 1.0E+05 | 8.6E+05 |
| 75-34-3 | 1,1-Dichloroethane | 6.3E+07 | 3.7E+05 | 7.6E+02 | 9.9E+08 | 2.5E+07 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.1E+07 | 1.0E+03 | -- | 3.9E+05 | -- |
| 95-63-6 | 1,2,4-Trimethylbenzene | -- | 3.7E+03 | -- | 2.3E+06 | -- |
| 107-06-2 | 1,2-Dichloroethane | 1.2E+06 | 3.7E+03 | 5.9E+01 | 4.4E+06 | 8.5E+05 |
| 78-87-5 | 1,2-Dichloropropane | 6.0E+05 | 2.1E+03 | 1.2E+02 | 3.6E+06 | 2.5E+06 |
| 108-67-8 | 1,3,5-Trimethylbenzene | -- | 3.7E+03 | -- | 2.3E+06 | -- |
| 106-99-0 | 1,3-Butadiene | -- | 1.0E+03 | 7.2E+00 | 3.7E+06 | 3.0E+05 |
| 106-46-7 | 1,4-Dichlorobenzene | 5.5E+05 | 4.2E+05 | 1.1E+02 | 2.3E+08 | 7.2E+05 |
| 123-91-1 | 1,4-Dioxane | 3.1E+08 | 1.6E+06 | 1.6E+02 | 1.3E+08 | 1.6E+05 |
| 540-84-1 | 2,2,4-Trimethylpentane | -- | 5.2E+05 | -- | 6.5E+08 | -- |
| 591-78-6 | 2-Hexanone | -- | 1.6E+04 | -- | 7.9E+06 | -- |
| 622-96-8 | 4-Ethyltoluene | -- | 5.2E+04 | -- | 2.5E+07 | -- |
| 71-43-2 | Benzene | 2.4E+06 | 1.6E+04 | 4.2E+01 | 3.2E+07 | 1.0E+06 |
| 75-27-4 | Bromodichloromethane | 5.5E+09 | 3.7E+04 | 3.3E+01 | 7.2E+07 | 7.8E+05 |
| 74-83-9 | Bromomethane | 4.0E+07 | 2.6E+03 | -- | 9.5E+06 | -- |
| 75-15-0 | Carbon disulfide | -- | 3.7E+05 | -- | 1.4E+09 | -- |
| 56-23-5 | Carbon tetrachloride | 3.2E+07 | 5.2E+04 | 2.9E+01 | 1.6E+08 | 1.1E+06 |
| 67-66-3 | Chloroform | 2.1E+08 | 5.1E+04 | 2.3E+02 | 9.0E+07 | 4.9E+06 |
| 110-82-7 | Cyclohexane | -- | 3.1E+06 | -- | 1.8E+10 | -- |
| 124-48-1 | Dibromochloromethane | -- | 3.7E+04 | 4.5E+01 | 6.0E+07 | 8.8E+05 |
| 156-59-2 | Dichloroethene, cis-1,2- | 3.4E+07 | 3.7E+03 | -- | 8.3E+06 | -- |
| 156-60-5 | Dichloroethene, trans-1,2- | 3.4E+07 | 3.1E+04 | -- | 9.3E+07 | -- |
| 10061-02-6 | Dichloropropene, trans-1,3- | 2.1E+06 | 1.0E+04 | 7.6E+01 | 4.4E+07 | 3.9E+06 |
| 64-17-5 | Ethanol | -- | 2.1E+06 | -- | 1.9E+08 | -- |
| 100-41-4 | Ethylbenzene | 1.0E+06 | 5.2E+05 | 4.9E+02 | 6.3E+08 | 7.0E+06 |
| 142-82-5 | Heptane | -- | 3.7E+05 | -- | 2.3E+09 | -- |
| 87-68-3 | Hexachloro-1,3-butadiene | 6.0E+06 | 1.8E+03 | 5.5E+01 | 2.2E+05 | 8.0E+04 |
| 110-54-3 | Hexane | -- | 3.7E+05 | -- | 1.7E+09 | -- |
| 67-63-0 | Isopropanol | -- | 3.7E+06 | -- | 5.7E+08 | -- |
| 98-82-8 | Isopropylbenzene (cumene) | -- | 2.1E+05 | -- | 1.5E+09 | -- |
| 78-93-3 | Methyl ethyl ketone (2-butanone) | 1.6E+07 | 2.6E+06 | -- | 1.1E+09 | -- |
| 75-09-2 | Methylene chloride | 2.8E+08 | 3.1E+05 | 1.2E+03 | 6.1E+08 | 2.8E+07 |
| 1634-04-4 | Methyl-tert-butyl ether | 2.7E+05 | 1.6E+06 | 4.7E+03 | 1.8E+09 | 6.5E+07 |
| 91-20-3 | Naphthalene | 2.2E+05 | 1.6E+03 | 3.6E+01 | 2.3E+05 | 6.3E+04 |
| 103-65-1 | Propylbenzene | -- | 5.2E+05 | -- | 6.6E+08 | -- |
| 75-65-0 | tert-Butyl Alcohol (TBA) | -- | 5.5E+05 | -- | 2.6E+08 | -- |
| 127-18-4 | Tetrachloroethene | 1.6E+07 | 2.1E+04 | 2.1E+02 | 5.5E+07 | 6.6E+06 |

**Table 12**

**Site-Specific Cleanup Goals for Sub-Slab and Soil Vapor**

Former Kast Property

| CAS Number | Constituents of Concern[1] | Odor-Based SSCG[2] (µg/m³) | Sub-Slab and Soil Vapor[3] | | Soil Vapor | |
|---|---|---|---|---|---|---|
| | | | Onsite Resident | | Construction and Utility Maintenance Worker | |
| | | | SSCGnc (µg/m$^3$) | SSCGc (µg/m$^3$) | SSCGnc (µg/m$^3$) | SSCGc (µg/m$^3$) |
| 109-99-9 | Tetrahydrofuran | -- | 1.0E+06 | -- | 4.9E+08 | -- |
| 108-88-3 | Toluene | 1.5E+07 | 2.6E+06 | -- | 3.7E+09 | -- |
| 79-01-6 | Trichloroethene | 6.8E+08 | 1.0E+03 | 2.2E+02 | 2.0E+06 | 6.7E+06 |
| 75-01-4 | Vinyl chloride | 3.9E+08 | 5.2E+04 | 1.6E+01 | 2.3E+08 | 8.3E+05 |
| 1330-20-7 | Xylene, total | 2.2E+05 | 5.2E+04 | -- | 5.9E+07 | -- |
| | **TPH** | | | | | |
| | Aliphatic: C5-C8 | -- | 3.7E+05 | -- | 1.2E+09 | -- |
| | Aliphatic: C9-C18 | -- | 1.6E+05 | -- | 1.2E+08 | -- |
| | Aliphatic: C19-C32 | -- | -- | -- | -- | -- |
| | Aromatic: C6-C8 | -- | -- | -- | -- | -- |
| | Aromatic: C9-C16 | -- | 2.6E+04 | -- | 6.7E+06 | -- |
| | Aromatic: C17-C32 | -- | -- | -- | -- | -- |
| | TPHg | 5.0E+04 | 7.2E+04 | -- | 2.2E+07 | -- |
| | TPHd | 5.0E+05 | 8.1E+04 | -- | 2.3E+07 | -- |
| | TPHmo | -- | -- | -- | -- | -- |

Notes:

" -- " not applicable or not available

[1] See Section 2 for discussion of Constituents of Concern.

[2] Odor-based SSCGs for soil vapor based on SFRWCQB 2013 ESL as directed by RWQCB (RWQCB, 2014)

[3] As directed by the RWQCB (RWQCB, 2014a,b), a vapor intrusion attenuation factor of 0.002 was used to derive soil vapor SSCGs for an onsite resident. Sub-slab vapor SSGCs derived using a site-specific attenuation factor which was also 0.002 resulting in the same value for sub-slab and soil vapor.

**Table 13**
**Site-Specific Cleanup Goals for Groundwater**
Former Kast Property

| CAS Number | Constituents of Concern | Primary MCL (µg/L) | Secondary MCL, NL or ESL (µg/L) | Selected Groundwater $SSCG_{GW}$ |
|---|---|---|---|---|
| | **Inorganics** | | | |
| 7440-36-0 | Antimony | 6.0E+00 | -- | Bkgd |
| 7440-38-2 | Arsenic | 1.0E+01 | -- | Bkgd |
| 7440-28-0 | Thallium | 2.0E+00 | -- | Bkgd |
| | **PAHs** | | | |
| 91-20-3 | Naphthalene | -- | 1.7E+01 | 1.7E+01 |
| | **TPH[1]** | | | |
| | TPHg | -- | 4.1E+02 | 1.0E+02* |
| | TPHd | -- | 2.0E+02 | 1.0E+02* |
| | TPHmo | -- | 6.2E+03 | 1.0E+02* |
| | **VOCs** | | | |
| 75-34-3 | 1,1-Dichloroethane | 5.0E+00 | -- | 5.0E+00 |
| 75-35-4 | 1,1-Dichloroethene | 6.0E+00 | -- | 6.0E+00 |
| 96-18-4 | 1,2,3-Trichloropropane | -- | 5.0E-03 | 5.0E-03 |
| 107-06-2 | 1,2-Dichloroethane | 5.0E-01 | -- | 5.0E-01 |
| 156-59-2 | cis-1,2-Dichloroethene | 6.0E+00 | -- | 6.0E+00 |
| 71-43-2 | Benzene | 1.0E+00 | -- | 1.0E+00 |
| 75-65-0 | tert-Butyl Alcohol (TBA) | -- | 1.2E+01 | 1.2E+01 |
| 127-18-4 | Tetrachloroethene | 5.0E+00 | -- | 5.0E+00 |
| 156-60-5 | trans-1,2-Dichloroethene | 1.0E+01 | -- | 1.0E+01 |
| 79-01-6 | Trichloroethene | 5.0E+00 | -- | 5.0E+00 |
| 75-01-4 | Vinyl Chloride | 5.0E-01 | -- | 5.0E-01 |
| 106-46-7 | 1,4-Dichlorobenzene | 5.0E+00 | -- | 5.0E+00 |

Notes:

" -- " not available

µg/L: micrograms per liter

Bkgd = background

MCL = State of Maximum Contaminant Level for drinking water

NL = Notification Level

ESL = Environmental Screening Levels, San Francisco RWQCB, Region 2

GW = groundwater; SSCG = Site-Specific Cleanup Goal

* Secondary taste and odor threshold for TPH (A Compilation of Water Quality Goals, 16th Edition, April 2011)

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | ≤2 ft bgs | | | | | |
| | HHRA | | | | | Exceeds HHRA? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | |
| 24401 MARBELLA AVE | 40 | 5E-01 | 7E-01 | 5E-08 | | No |
| 24402 NEPTUNE AVE | 11 | 1E-01 | 1E+00 | 3E-07 | | No |
| 24402 PANAMA AVE | 15 | 2E-01 | 1E+00 | 5E-07 | | No |
| 24402 RAVENNA AVE | 21 | 3E-01 | **5E+00** | **3E-06** | TPHd; Benzene | Yes |
| 24403 NEPTUNE AVE | 16 | 2E-01 | **4E+00** | 6E-07 | TPHd | Yes |
| 24403 RAVENNA AVE | 16 | 2E-01 | 8E-01 | 3E-07 | | No |
| 24405 MARBELLA AVE | 13 | 2E-01 | 1E+00 | 1E-08 | | No |
| 24406 MARBELLA AVE | 14 | 2E-01 | **4E+00** | 3E-08 | TPHd | Yes |
| 24406 NEPTUNE AVE | 29 | 4E-01 | 8E-01 | 1E-07 | | No |
| 24406 PANAMA AVE | 34 | 4E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1 | Yes |
| 24406 RAVENNA AVE | 14 | 2E-01 | 1E+00 | 5E-07 | | No |
| 24409 NEPTUNE AVE | 28 | 3E-01 | 1E+00 | 2E-08 | | No |
| 24409 RAVENNA AVE | 74 | 9E-01 | 9E-01 | 5E-08 | | No |
| 24410 PANAMA AVE | 19 | 2E-01 | 1E+00 | 3E-07 | | No |
| 24411 MARBELLA AVE | 25 | 3E-01 | **1E+01** | **3E-06** | TPHd; TPHmo; 1-MN | Yes |
| 24411 PANAMA AVE | 48 | 6E-01 | 1E+00 | 5E-08 | Arsenic > bkgd | Yes |
| 24412 MARBELLA AVE | 56 | 7E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | Yes |
| 24412 RAVENNA AVE | 12 | 2E-01 | **3E+00** | 6E-07 | TPHd | Yes |
| 24413 NEPTUNE AVE | 26 | 3E-01 | 4E-01 | 7E-08 | | No |
| 24413 RAVENNA AVE | 42 | 5E-01 | 7E-01 | 5E-07 | | No |
| 24416 MARBELLA AVE | 15 | 2E-01 | 9E-01 | 6E-09 | | No |
| 24416 NEPTUNE AVE | 10 | 1E-01 | 6E-01 | 9E-09 | | No |
| 24416 PANAMA AVE | 19 | 2E-01 | **2E+00** | 1E-08 | no COC-specific HQ >1 | Yes |
| 24416 RAVENNA AVE | 24 | 3E-01 | **1E+01** | **3E-06** | TPHd; TPHmo | Yes |
| 24417 MARBELLA AVE | 22 | 3E-01 | 7E-01 | 3E-07 | | No |
| 24417 PANAMA AVE | 16 | 2E-01 | 1E+00 | 4E-07 | | No |
| 24419 NEPTUNE AVE | 28 | 4E-01 | 8E-01 | 3E-08 | | No |
| 24419 RAVENNA AVE | 16 | 2E-01 | 2E-01 | 1E-07 | | No |
| 24420 PANAMA AVE | 34 | 4E-01 | **4E+00** | 2E-07 | TPHd; TPHmo | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | ≤2 ft bgs | | | | | |
| | HHRA | | | | | Exceeds HHRA? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | |
| 24421 PANAMA AVE | 17 | 2E-01 | 1E+00 | 2E-08 | | No |
| 24422 MARBELLA AVE | 13 | 2E-01 | 1E+00 | 2E-07 | | No |
| 24422 NEPTUNE AVE | 14 | 2E-01 | 5E-01 | 2E-07 | | No |
| 24422 RAVENNA AVE | 13 | 2E-01 | **1E+01** | **4E-06** | TPHd; TPHmo; Naphthalene | Yes |
| 24423 MARBELLA AVE | 64 | 8E-01 | 7E-01 | 1E-08 | | No |
| 24423 NEPTUNE AVE | 8.7 | 1E-01 | 2E-01 | 5E-07 | | No |
| 24423 RAVENNA AVE | 8.5 | 1E-01 | 8E-01 | 3E-07 | | No |
| 24426 MARBELLA AVE | 31 | 4E-01 | 1E+00 | 3E-07 | | No |
| 24426 NEPTUNE AVE | 14 | 2E-01 | 6E-01 | 3E-07 | | No |
| 24426 PANAMA AVE | 15 | 2E-01 | **3E+00** | 6E-09 | no COC-specific HQ >1 | Yes |
| 24426 RAVENNA AVE | 18 | 2E-01 | 1E+00 | 3E-07 | | No |
| 24427 MARBELLA AVE | 12 | 2E-01 | 8E-01 | 2E-08 | | No |
| 24427 PANAMA AVE | 14 | 2E-01 | 8E-01 | 5E-07 | | No |
| 24429 NEPTUNE AVE | 12 | 1E-01 | 5E-01 | 2E-07 | | No |
| 24429 RAVENNA AVE | 13 | 2E-01 | 1E+00 | 1E-08 | | No |
| 24430 PANAMA AVE | 31 | 4E-01 | 1E-01 | 4E-07 | | No |
| 24431 PANAMA AVE | 19 | 2E-01 | **2E+00** | 5E-07 | no COC-specific HQ >1 | Yes |
| 24432 MARBELLA AVE | 15 | 2E-01 | 1E+00 | 6E-08 | | No |
| 24433 MARBELLA AVE | 132 | **2E+00** | **1E+01** | **2E-05** | Lead; TPHd; TPHmo; PCE | Yes |
| 24436 PANAMA AVE | 8.8 | 1E-01 | 7E-02 | 4E-07 | | No |
| 24502 MARBELLA AVE | 9.5 | 1E-01 | 1E+00 | 7E-08 | | No |
| 24502 NEPTUNE AVE | 8.5 | 1E-01 | 5E-01 | 4E-07 | | No |
| 24502 PANAMA AVE | 7.4 | 9E-02 | 4E-02 | 2E-07 | | No |
| 24502 RAVENNA AVE | 15 | 2E-01 | 7E-01 | 5E-07 | | No |
| 24503 MARBELLA AVE | 10 | 1E-01 | 8E-01 | 8E-09 | | No |
| 24503 NEPTUNE AVE | 12 | 1E-01 | 4E-01 | 2E-07 | | No |
| 24503 PANAMA AVE | 9.0 | 1E-01 | **2E+00** | 1E-08 | no COC-specific HQ >1 | Yes |
| 24503 RAVENNA AVE | 9.4 | 1E-01 | 3E-01 | 2E-08 | | No |
| 24506 MARBELLA AVE | 26 | 3E-01 | 1E+00 | 6E-09 | | No |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | ≤2 ft bgs | | | | | |
| | HHRA | | | | | Exceeds HHRA? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | |
| 24507 MARBELLA AVE | 12 | 1E-01 | 1E+00 | 2E-07 | | No |
| 24508 NEPTUNE AVE | 14 | 2E-01 | **2E+00** | 9E-08 | no COC-specific HQ >1 | Yes |
| 24508 PANAMA AVE | 8.7 | 1E-01 | 2E-01 | 3E-07 | | No |
| 24508 RAVENNA AVE | 8.1 | 1E-01 | 1E+00 | 6E-09 | | No |
| 24509 NEPTUNE AVE | 14 | 2E-01 | 1E+00 | 3E-07 | | No |
| 24509 PANAMA AVE | 23 | 3E-01 | **3E+00** | 5E-07 | TPHd | Yes |
| 24509 RAVENNA AVE | 34 | 4E-01 | 5E-01 | 3E-07 | | No |
| 24512 MARBELLA AVE | 13 | 2E-01 | **2E+00** | 3E-08 | no COC-specific HQ >1 | Yes |
| 24512 NEPTUNE AVE | 10 | 1E-01 | 7E-01 | 4E-09 | | No |
| 24512 PANAMA AVE | 9.7 | 1E-01 | 8E-02 | 3E-09 | | No |
| 24512 RAVENNA AVE | 9.9 | 1E-01 | 3E-01 | 3E-07 | | No |
| 24513 NEPTUNE AVE | 10 | 1E-01 | 4E-01 | 2E-07 | | No |
| 24513 PANAMA AVE | 11 | 1E-01 | 6E-01 | 3E-07 | | No |
| 24513 RAVENNA AVE | 16 | 2E-01 | 3E-01 | 2E-08 | | No |
| 24516 MARBELLA AVE | 12 | 2E-01 | 1E+00 | 9E-08 | | No |
| 24517 MARBELLA AVE | 20 | 2E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | Yes |
| 24518 NEPTUNE AVE | 25 | 3E-01 | 1E+00 | 5E-09 | | No |
| 24518 PANAMA AVE | 32 | 4E-01 | 1E-01 | 5E-07 | | No |
| 24518 RAVENNA AVE | 12 | 2E-01 | 2E-01 | 2E-07 | | No |
| 24519 NEPTUNE AVE | 12 | 1E-01 | 4E-01 | 4E-07 | | No |
| 24519 PANAMA AVE | 15 | 2E-01 | 1E-01 | 3E-07 | | No |
| 24522 MARBELLA AVE | 9.8 | 1E-01 | **5E+00** | 7E-08 | TPHd | Yes |
| 24522 NEPTUNE AVE | 8.9 | 1E-01 | 6E-01 | 5E-09 | | No |
| 24522 PANAMA AVE | 13 | 2E-01 | 2E-01 | 3E-07 | | No |
| 24522 RAVENNA AVE | 9.6 | 1E-01 | 2E-01 | 3E-07 | | No |
| 24523 MARBELLA AVE | 48 | 6E-01 | 6E-01 | 3E-08 | | No |
| 24523 NEPTUNE AVE | 14 | 2E-01 | 1E+00 | 2E-08 | | No |
| 24523 RAVENNA AVE | 20 | 2E-01 | 7E-01 | 1E-07 | | No |
| 24526 MARBELLA AVE | 8.3 | 1E-01 | **4E+00** | 6E-07 | TPHd | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | ≤2 ft bgs | | | | | |
| | HHRA | | | | | Exceeds HHRA? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | |
| 24528 NEPTUNE AVE | 8.3 | 1E-01 | 5E-01 | 2E-07 | | No |
| 24528 PANAMA AVE | 7.4 | 9E-02 | 2E-01 | 1E-08 | | No |
| 24529 NEPTUNE AVE | 13 | 2E-01 | 4E-01 | 3E-07 | | No |
| 24529 PANAMA AVE | 8.2 | 1E-01 | 1E-01 | 5E-07 | | No |
| 24529 RAVENNA AVE | 23 | 3E-01 | 8E-01 | 3E-07 | | No |
| 24532 MARBELLA AVE | 12 | 1E-01 | 1E+00 | 2E-07 | | No |
| 24532 NEPTUNE AVE | 27 | 3E-01 | 4E-02 | 2E-08 | | No |
| 24532 PANAMA AVE | 11 | 1E-01 | 2E-01 | 3E-07 | | No |
| 24532 RAVENNA AVE | 6.9 | 9E-02 | 1E-01 | 3E-07 | | No |
| 24533 MARBELLA AVE | 16 | 2E-01 | 7E-01 | 2E-08 | | No |
| 24533 PANAMA AVE | 6.3 | 8E-02 | 2E-01 | 3E-07 | | No |
| 24533 RAVENNA AVE | 11 | 1E-01 | 4E-02 | 3E-07 | | No |
| 24602 MARBELLA AVE | 15 | 2E-01 | 8E-01 | 6E-07 | | No |
| 24602 NEPTUNE AVE | 9.6 | 1E-01 | 2E-01 | 2E-07 | | No |
| 24602 PANAMA AVE | 16 | 2E-01 | 1E+00 | 3E-07 | | No |
| 24602 RAVENNA AVE | 20 | 3E-01 | 3E-01 | 3E-07 | | No |
| 24603 MARBELLA AVE | 19 | 2E-01 | 7E-01 | 3E-07 | | No |
| 24603 NEPTUNE AVE | 8.6 | 1E-01 | **3E+00** | **4E-06** | TPHd; Benzene | Yes |
| 24603 PANAMA AVE | 11 | 1E-01 | 3E-01 | 4E-07 | | No |
| 24603 RAVENNA AVE | 31 | 4E-01 | **7E+00** | 8E-07 | TPHd; TPHmo; Thallium > bkgd | Yes |
| 24606 MARBELLA AVE | 10 | 1E-01 | 9E-01 | 6E-07 | | No |
| 24607 MARBELLA AVE | 17 | 2E-01 | 8E-01 | 3E-08 | | No |
| 24608 NEPTUNE AVE | 39 | 5E-01 | **6E+00** | 1E-06 | TPHd; TPHmo | Yes |
| 24608 PANAMA AVE | 8.8 | 1E-01 | **3E+00** | 1E-06 | Thallium > bkgd | Yes |
| 24608 RAVENNA AVE | 18 | 2E-01 | **2E+00** | 2E-08 | no COC-specific HQ >1 | Yes |
| 24609 NEPTUNE AVE | 10 | 1E-01 | **4E+00** | **3E-06** | TPHd; Benzene | Yes |
| 24609 PANAMA AVE | 8.0 | 1E-01 | 7E-01 | 3E-07 | | No |
| 24609 RAVENNA AVE | 7.1 | 9E-02 | 1E+00 | 7E-09 | | No |
| 24612 MARBELLA AVE | 36 | 5E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | ≤2 ft bgs | | | | | |
| | HHRA | | | | | Exceeds HHRA? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | |
| 24612 NEPTUNE AVE | 6.6 | 8E-02 | 2E-01 | 2E-07 | | No |
| 24612 PANAMA AVE | 10 | 1E-01 | 2E-01 | 3E-08 | | No |
| 24612 RAVENNA AVE | 27 | 3E-01 | 5E-01 | 5E-09 | | No |
| 24613 MARBELLA AVE | 10 | 1E-01 | 7E-01 | 3E-07 | Arsenic > bkgd | Yes |
| 24613 NEPTUNE AVE | 11 | 1E-01 | **7E+00** | 1E-06 | TPHd; TPHmo | Yes |
| 24613 PANAMA AVE | 9.6 | 1E-01 | 6E-01 | 3E-07 | | No |
| 24613 RAVENNA AVE | 8.3 | 1E-01 | 8E-01 | 2E-07 | | No |
| 24616 MARBELLA AVE | 11 | 1E-01 | **3E+00** | 1E-06 | no COC-specific HQ >1 | Yes |
| 24617 MARBELLA AVE | 11 | 1E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1; Thallium > bkgd | Yes |
| 24618 NEPTUNE AVE | 14 | 2E-01 | 4E-01 | 2E-08 | | No |
| 24618 PANAMA AVE | 21 | 3E-01 | **4E+00** | 7E-08 | TPHd; TPHmo | Yes |
| 24618 RAVENNA AVE | 4.4 | 6E-02 | 1E-01 | 3E-07 | | No |
| 24619 NEPTUNE AVE | 8.9 | 1E-01 | 8E-01 | 7E-07 | | No |
| 24619 PANAMA AVE | 11 | 1E-01 | 6E-01 | 4E-08 | | No |
| 24619 RAVENNA AVE | 7.2 | 9E-02 | 1E-01 | 2E-07 | | No |
| 24622 MARBELLA AVE | 15 | 2E-01 | 9E-01 | 3E-07 | Arsenic > bkgd | Yes |
| 24622 NEPTUNE AVE | 9.5 | 1E-01 | 9E-01 | 2E-07 | | No |
| 24623 MARBELLA AVE | 13 | 2E-01 | 7E-01 | 2E-07 | | No |
| 24623 NEPTUNE AVE | 18 | 2E-01 | **2E+00** | 8E-07 | no COC-specific HQ >1 | Yes |
| 24627 MARBELLA AVE | 14 | 2E-01 | 1E+00 | 3E-07 | | No |
| 24628 MARBELLA AVE | 23 | 3E-01 | **2E+00** | **2E-06** | no COC-specific HQ >1 or risk >1E-06 | Yes |
| 24628 NEPTUNE AVE | 7.9 | 1E-01 | 3E-01 | 8E-09 | | No |
| 24629 NEPTUNE AVE | 14 | 2E-01 | 7E-01 | 2E-07 | | No |
| 24632 NEPTUNE AVE | 20 | 2E-01 | 3E-01 | 9E-08 | | No |
| 24633 MARBELLA AVE | 116 | 1E+00 | **7E+00** | 1E-07 | TPHd; TPHmo | Yes |
| 24700 MARBELLA AVE | 22 | 3E-01 | **5E+00** | 1E-06 | TPHd | Yes |
| 24700 RAVENNA AVE | 27 | 3E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | Yes |
| 24702 NEPTUNE AVE | 11 | 1E-01 | 4E-01 | 9E-09 | | No |
| 24702 PANAMA AVE | 41 | 5E-01 | 1E+00 | 3E-07 | | No |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | ≤2 ft bgs | | | | | |
| | HHRA | | | | | Exceeds HHRA? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | |
| 24703 MARBELLA AVE | 28 | 3E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1 | Yes |
| 24703 NEPTUNE AVE | 15 | 2E-01 | **7E+00** | 5E-07 | TPHd; TPHmo | Yes |
| 24703 PANAMA AVE | 11 | 1E-01 | 1E+00 | 2E-07 | | No |
| 24703 RAVENNA AVE | 8.5 | 1E-01 | **2E+00** | 2E-07 | TPHd | Yes |
| 24706 MARBELLA AVE | 11 | 1E-01 | 8E-01 | 3E-08 | | No |
| 24706 RAVENNA AVE | 38 | 5E-01 | **2E+00** | 2E-09 | no COC-specific HQ >1 | Yes |
| 24707 MARBELLA AVE | 19 | 2E-01 | 9E-01 | 3E-07 | | No |
| 24708 PANAMA AVE | 20 | 2E-01 | **2E+00** | 9E-07 | no COC-specific HQ >1 | Yes |
| 24709 NEPTUNE AVE | 16 | 2E-01 | 1E+00 | 1E-08 | | No |
| 24709 PANAMA AVE | 13 | 2E-01 | 4E-01 | 2E-07 | | No |
| 24709 RAVENNA AVE | 11 | 1E-01 | 4E-01 | 9E-09 | | No |
| 24710 MARBELLA AVE | 43 | 5E-01 | 1E+00 | 4E-08 | | No |
| 24712 NEPTUNE AVE | 19 | 2E-01 | 3E-01 | 3E-08 | | No |
| 24712 PANAMA AVE | 14 | 2E-01 | 1E+00 | 8E-07 | | No |
| 24712 RAVENNA AVE | 17 | 2E-01 | 7E-01 | 3E-07 | | No |
| 24713 MARBELLA AVE | 8.2 | 1E-01 | 1E+00 | 2E-07 | | No |
| 24713 PANAMA AVE | 15 | 2E-01 | 6E-01 | 3E-08 | | No |
| 24713 RAVENNA AVE | 11 | 1E-01 | **4E+00** | **2E-06** | TPHd | Yes |
| 24715 NEPTUNE AVE | 16 | 2E-01 | **4E+00** | **2E-06** | TPHd | Yes |
| 24716 MARBELLA AVE | 15 | 2E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1 | Yes |
| 24716 RAVENNA AVE | 21 | 3E-01 | 1E+00 | 1E-08 | | No |
| 24717 MARBELLA AVE | 8.2 | 1E-01 | **3E+00** | 5E-07 | TPHd | Yes |
| 24718 NEPTUNE AVE | 6.6 | 8E-02 | **2E+00** | 1E-08 | no COC-specific HQ >1; Antimony > bkgd | Yes |
| 24718 PANAMA AVE | 22 | 3E-01 | 7E-01 | 6E-07 | | No |
| 24719 NEPTUNE AVE | 34 | 4E-01 | 1E+00 | 9E-08 | | No |
| 24719 PANAMA AVE | 12 | 2E-01 | 2E-01 | 3E-07 | | No |
| 24719 RAVENNA AVE | 29 | 4E-01 | **7E+00** | **4E-06** | TPHd; TPHmo | Yes |
| 24722 MARBELLA AVE | 11 | 1E-01 | **2E+00** | 6E-07 | no COC-specific HQ >1 | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | ≤2 ft bgs | | | | | |
| | HHRA | | | | | Exceeds HHRA? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | |
| 24722 NEPTUNE AVE | 9.4 | 1E-01 | 6E-02 | 3E-07 | | No |
| 24722 PANAMA AVE | 18 | 2E-01 | 7E-01 | 4E-08 | | No |
| 24722 RAVENNA AVE | 31 | 4E-01 | **3E+00** | 6E-07 | TPHmo | Yes |
| 24723 MARBELLA AVE | 12 | 1E-01 | **4E+00** | 4E-08 | TPHd; TPHmo | Yes |
| 24723 RAVENNA AVE | 17 | 2E-01 | 4E-01 | 3E-07 | | No |
| 24725 NEPTUNE AVE | 44 | 5E-01 | 4E-01 | 3E-07 | | No |
| 24726 MARBELLA AVE | 11 | 1E-01 | 1E+00 | 4E-08 | | No |
| 24726 RAVENNA AVE | 7.6 | 1E-01 | 7E-01 | 3E-07 | | No |
| 24727 MARBELLA AVE | 13 | 2E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | Yes |
| 24728 NEPTUNE AVE | 13 | 2E-01 | **2E+00** | **2E-06** | no COC-specific HQ >1 or risk >1E-06 | Yes |
| 24728 PANAMA AVE | 48 | 6E-01 | 1E+00 | 7E-07 | | No |
| 24729 NEPTUNE AVE | 37 | 5E-01 | **2E+00** | 6E-07 | no COC-specific HQ >1 | Yes |
| 24729 PANAMA AVE | 10 | 1E-01 | 6E-01 | 1E-08 | | No |
| 24729 RAVENNA AVE | 21 | 3E-01 | 2E-01 | 1E-08 | | No |
| 24732 MARBELLA AVE | 11 | 1E-01 | 4E-01 | 3E-07 | | No |
| 24732 NEPTUNE AVE | 12 | 2E-01 | 9E-01 | 6E-09 | | No |
| 24732 PANAMA AVE | 19 | 2E-01 | 8E-01 | 4E-07 | | No |
| 24732 RAVENNA AVE | 8.4 | 1E-01 | 1E+00 | 2E-07 | | No |
| 24733 MARBELLA AVE | 12 | 2E-01 | **3E+00** | **2E-06** | Naphthalene | Yes |
| 24733 PANAMA AVE | 19 | 2E-01 | 1E+00 | 5E-07 | | No |
| 24733 RAVENNA AVE | 11 | 1E-01 | **2E+00** | 1E-07 | no COC-specific HQ >1; Thallium > bkgd | Yes |
| 24735 NEPTUNE AVE | 13 | 2E-01 | **5E+00** | 8E-09 | TPHd; TPHmo | Yes |
| 24736 MARBELLA AVE | 16 | 2E-01 | 1E+00 | 2E-07 | | No |
| 24736 RAVENNA AVE | 7.1 | 9E-02 | **5E+00** | 8E-07 | TPHd; TPHmo | Yes |
| 24737 MARBELLA AVE | 23 | 3E-01 | **8E+00** | **3E-06** | TPHd; TPHmo; 1-MN | Yes |
| 24738 NEPTUNE AVE | 36 | 4E-01 | 1E+00 | 3E-07 | | No |
| 24738 PANAMA AVE | 22 | 3E-01 | 1E+00 | 2E-07 | | No |
| 24739 NEPTUNE AVE | 19 | 2E-01 | **4E+00** | 2E-07 | TPHd; TPHmo | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | ≤2 ft bgs | | | | | |
| | HHRA | | | | | Exceeds HHRA? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | |
| 24739 PANAMA AVE | 16 | 2E-01 | **8E+00** | **5E-06** | TPHd; TPHmo; EthylBenzene; Naphthalene | Yes |
| 24739 RAVENNA AVE | 12 | 1E-01 | **9E+00** | **3E-06** | TPHd; TPHmo | Yes |
| 24740 MARBELLA AVE | 16 | 2E-01 | 1E+00 | 2E-07 | | No |
| 24741 MARBELLA AVE | 21 | 3E-01 | 5E-01 | 3E-09 | | No |
| 24743 RAVENNA AVE | 11 | 1E-01 | **4E+00** | 9E-07 | TPHd; TPHmo | Yes |
| 24744 MARBELLA AVE | 14 | 2E-01 | **1E+01** | 2E-07 | TPHd; TPHmo | Yes |
| 24748 RAVENNA AVE | 10 | 1E-01 | **2E+00** | 3E-07 | TPHd | Yes |
| 24749 RAVENNA AVE | 16 | 2E-01 | **4E+00** | 9E-07 | TPHd | Yes |
| 24752 RAVENNA AVE | 14 | 2E-01 | 1E+00 | 5E-09 | | No |
| 24802 PANAMA AVE | 17 | 2E-01 | **2E+00** | 7E-07 | no COC-specific HQ >1 | Yes |
| 24803 NEPTUNE AVE | 16 | 2E-01 | **3E+00** | 9E-09 | TPHd; TPHmo | Yes |
| 24803 PANAMA AVE | 6.0 | 8E-02 | **3E+00** | 1E-06 | TPHd | Yes |
| 24808 PANAMA AVE | 20 | 3E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | Yes |
| 24809 NEPTUNE AVE | 21 | 3E-01 | **2E+00** | 7E-08 | no COC-specific HQ >1 | Yes |
| 24809 PANAMA AVE | 10 | 1E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | Yes |
| 24812 PANAMA AVE | 15 | 2E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1 | Yes |
| 24813 PANAMA AVE | 35 | 4E-01 | **2E+00** | 2E-08 | no COC-specific HQ >1 | Yes |
| 24815 NEPTUNE AVE | 29 | 4E-01 | 5E-01 | 3E-07 | | No |
| 24818 PANAMA AVE | 31 | 4E-01 | **9E+00** | 4E-07 | TPHd; TPHmo | Yes |
| 24819 PANAMA AVE | 102 | 1E+00 | 7E-01 | 1E-07 | | No |
| 24822 PANAMA AVE | 33 | 4E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | Yes |
| 24823 PANAMA AVE | 10 | 1E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | Yes |
| 24825 NEPTUNE AVE | 19 | 2E-01 | 4E-01 | 2E-07 | | No |
| 24828 PANAMA AVE | 66 | 8E-01 | **7E+00** | 1E-08 | TPHd; TPHmo | Yes |
| 24829 PANAMA AVE | 9.9 | 1E-01 | 1E+00 | 1E-07 | | No |
| 24832 PANAMA AVE | 15 | 2E-01 | 6E-01 | 2E-08 | | No |
| 24833 PANAMA AVE | 19 | 2E-01 | 9E-01 | 2E-07 | | No |
| 24838 PANAMA AVE | 46 | 6E-01 | **1E+01** | 3E-07 | TPHd; TPHmo | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | ≤2 ft bgs | | | | | |
| | HHRA | | | | | Exceeds HHRA? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | |
| 24904 NEPTUNE AVE | 15 | 2E-01 | 6E-01 | 2E-07 | | No |
| 24912 NEPTUNE AVE | 22 | 3E-01 | 1E-01 | 3E-07 | | No |
| 301 244TH ST | 16 | 2E-01 | 1E+00 | 2E-08 | | No |
| 305 244TH ST | 26 | 3E-01 | **1E+01** | 8E-07 | TPHd; TPHmo | Yes |
| 311 244TH ST | 71 | 9E-01 | **2E+01** | **1E-05** | TPHd; TPHmo; BaP | Yes |
| 317 244TH ST | 66 | 8E-01 | **3E+01** | 3E-07 | TPHd; TPHmo | Yes |
| 321 244TH ST | 17 | 2E-01 | 8E-01 | 2E-07 | Arsenic > bkgd | Yes |
| 327 244TH ST | 13 | 2E-01 | 9E-01 | 3E-07 | | No |
| 331 244TH ST | 10 | 1E-01 | 7E-01 | 2E-08 | Arsenic > bkgd | Yes |
| 337 244TH ST | 10 | 1E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1 | Yes |
| 341 244TH ST | 13 | 2E-01 | 6E-01 | 2E-07 | | No |
| 344 249TH ST | 36 | 5E-01 | 6E-01 | 7E-09 | | No |
| 345 249TH ST | 20 | 2E-01 | 1E+00 | 3E-07 | | No |
| 347 244TH ST | 21 | 3E-01 | 8E-01 | 4E-07 | | No |
| 348 248TH ST | 14 | 2E-01 | 1E+00 | 2E-07 | | No |
| 348 249TH ST | 43 | 5E-01 | 4E-01 | 2E-07 | | No |
| 351 244TH ST | 13 | 2E-01 | 9E-01 | 3E-07 | | No |
| 352 249TH ST | 27 | 3E-01 | 7E-01 | 2E-07 | | No |
| 353 249TH ST | 12 | 2E-01 | 6E-01 | 2E-07 | | No |
| 354 248TH ST | 20 | 2E-01 | **4E+00** | 8E-07 | TPHd | Yes |
| 357 244TH ST | 11 | 1E-01 | 6E-01 | 3E-07 | | No |
| 357 249TH ST | 11 | 1E-01 | 7E-01 | 2E-08 | | No |
| 358 249TH ST | 15 | 2E-01 | 1E+00 | 3E-09 | | No |
| 360 248TH ST | 7.7 | 1E-01 | 5E-01 | 7E-09 | | No |
| 361 244TH ST | 13 | 2E-01 | 9E-01 | 6E-07 | | No |
| 362 249TH ST | 20 | 2E-01 | 1E+00 | 4E-08 | | No |
| 363 249TH ST | 35 | 4E-01 | 6E-01 | 3E-08 | | No |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | ≤2 ft bgs | | | | | |
| | HHRA | | | | | Exceeds HHRA? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | |
| 364 248TH ST | 17 | 2E-01 | **3E+00** | 2E-07 | TPHd | Yes |
| 367 244TH ST | 24 | 3E-01 | **3E+00** | 7E-10 | TPHd; TPHmo | Yes |
| 367 249TH ST | 31 | 4E-01 | 7E-01 | 2E-07 | | No |
| 368 249TH ST | 13 | 2E-01 | 9E-01 | 3E-07 | | No |
| 373 249TH ST | 21 | 3E-01 | 5E-01 | 1E-08 | | No |
| 374 248TH ST | 19 | 2E-01 | 1E+00 | 2E-07 | | No |
| 374 249TH ST | 20 | 2E-01 | 8E-01 | 8E-09 | | No |
| 377 244TH ST | 15 | 2E-01 | 1E+00 | 3E-07 | | No |
| 377 249TH ST | 11 | 1E-01 | **4E+00** | 8E-07 | TPHd | Yes |
| 378 249TH ST | 20 | 2E-01 | 3E-01 | 2E-07 | | No |
| 383 249TH ST | 15 | 2E-01 | 9E-01 | 4E-08 | | No |
| 402 249TH ST | 14 | 2E-01 | 7E-01 | 1E-08 | | No |
| 408 249TH ST | 42 | 5E-01 | 1E-01 | 3E-07 | | No |
| 412 249TH ST | 66 | 8E-01 | 1E+00 | 5E-07 | | No |

Notes:

HHRA = human health risk assessment; HQ = noncancer hazard quotient

EF = exposure frequency; COC = constituent of concern

ft bgs = feet below ground surface; bkgd = background

TPHd = Total Petroleum Hydrocarbons- diesel range; TPHg = gasoline range;
TPHmo = motor oil range; BaP = benzo(a)pyrene; PCE = tetrachloroethene

Lead Hazard = 95UCL of Lead ÷ SSCG of 80 mg/kg for an onsite resident

**Bold** + Shaded if cumulative noncancer hazard >1 or cumulative cancer risk >1E-06

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤5 ft bgs | | | | | | |
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24401 MARBELLA AVE | 29 | 4E-01 | 8E-01 | 4E-07 | | | No |
| 24402 NEPTUNE AVE | 9.7 | 1E-01 | 1E+00 | 3E-07 | | TPHd | Yes |
| 24402 PANAMA AVE | 11 | 1E-01 | 1E+00 | 2E-07 | | TPHd | Yes |
| 24402 RAVENNA AVE | 17 | 2E-01 | **6E+00** | **3E-06** | TPHd | Benzene; TBA; TPHd; TPHg | Yes |
| 24403 NEPTUNE AVE | 12 | 2E-01 | **9E+00** | **1E-05** | TPHd; TPHmo; Benzene | Benzene; TPHd; TPHg | Yes |
| 24403 RAVENNA AVE | 14 | 2E-01 | 8E-01 | 2E-07 | | | No |
| 24405 MARBELLA AVE | 12 | 1E-01 | 9E-01 | 5E-07 | | | No |
| 24406 MARBELLA AVE | 14 | 2E-01 | **6E+00** | **9E-06** | TPHd; Benzene; Ethylbenzene | Benzene; TPHd; TPHg | Yes |
| 24406 NEPTUNE AVE | 21 | 3E-01 | 8E-01 | 1E-07 | | | No |
| 24406 PANAMA AVE | 32 | 4E-01 | **5E+00** | 2E-07 | TPHd; TPHmo | TPHd | Yes |
| 24406 RAVENNA AVE | 12 | 1E-01 | 7E-01 | 5E-07 | | 1,2-DCA | Yes |
| 24409 NEPTUNE AVE | 37 | 5E-01 | **3E+00** | 5E-08 | TPHd | TBA; TPHd | Yes |
| 24409 RAVENNA AVE | 51 | 6E-01 | 1E+00 | 1E-08 | | | No |
| 24410 PANAMA AVE | 20 | 2E-01 | 1E+00 | 3E-07 | | | No |
| 24411 MARBELLA AVE | 18 | 2E-01 | **8E+00** | 4E-07 | TPHd; TPHmo | TPHd | Yes |
| 24411 PANAMA AVE | 35 | 4E-01 | **6E+00** | **7E-06** | TPHd; Benzene; Arsenic > bkgd | Benzene; TBA; TPHd; TPHg; Arsenic > bkgd | Yes |
| 24412 MARBELLA AVE | 40 | 5E-01 | **1E+01** | **4E-06** | TPHd; TPHmo; Naphthalene | Benzene; TPHd; TPHg | Yes |
| 24412 RAVENNA AVE | 10 | 1E-01 | **3E+00** | 1E-06 | TPHd | TPHd; TPHg | Yes |
| 24413 NEPTUNE AVE | 27 | 3E-01 | **3E+00** | 1E-06 | TPHd | 1,4-DCB; TPHd | Yes |
| 24413 RAVENNA AVE | 34 | 4E-01 | 9E-01 | 5E-07 | | | No |
| 24416 MARBELLA AVE | 23 | 3E-01 | **7E+00** | **8E-06** | TPHd; TPHmo; Benzene | Benzene; TPHd; TPHg | Yes |
| 24416 NEPTUNE AVE | 36 | 5E-01 | **2E+01** | 8E-08 | TPHd; TPHmo | TPHd; TPHmo | Yes |
| 24416 PANAMA AVE | 19 | 2E-01 | 9E-01 | 1E-08 | | | No |
| 24416 RAVENNA AVE | 12 | 2E-01 | **7E+00** | 1E-06 | TPHd; TPHmo | TPHd; TPHg | Yes |
| 24417 MARBELLA AVE | 22 | 3E-01 | 7E-01 | 3E-07 | | | No |
| 24417 PANAMA AVE | 15 | 2E-01 | 1E+00 | 4E-07 | | | No |
| 24419 NEPTUNE AVE | 20 | 3E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24419 RAVENNA AVE | 15 | 2E-01 | 4E-01 | 1E-07 | | | No |
| 24420 PANAMA AVE | 27 | 3E-01 | **3E+00** | 2E-07 | TPHd; TPHmo | TPHd | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤5 ft bgs | | | | | | |
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24421 PANAMA AVE | 14 | 2E-01 | **5E+00** | **2E-06** | TPHd | TPHd; TPHg | Yes |
| 24422 MARBELLA AVE | 9.3 | 1E-01 | **2E+00** | 5E-07 | TPHd | TPHd | Yes |
| 24422 NEPTUNE AVE | 20 | 3E-01 | 7E-01 | 3E-07 | | | No |
| 24422 RAVENNA AVE | 11 | 1E-01 | **8E+00** | **2E-06** | TPHd; TPHmo | Benzene; TBA; TPHd; TPHg | Yes |
| 24423 MARBELLA AVE | 38 | 5E-01 | 6E-01 | 1E-08 | | | No |
| 24423 NEPTUNE AVE | 7.6 | 1E-01 | **5E+00** | **2E-06** | TPHd; TPHmo | Benzene; TPHd | Yes |
| 24423 RAVENNA AVE | 7.6 | 1E-01 | **3E+00** | **5E-06** | Benzene | Benzene; TPHd; TPHg | Yes |
| 24426 MARBELLA AVE | 18 | 2E-01 | **8E+00** | 5E-07 | TPHd; TPHmo | TPHd; TPHmo; TCE | Yes |
| 24426 NEPTUNE AVE | 10 | 1E-01 | 1E+00 | 2E-07 | | | No |
| 24426 PANAMA AVE | 13 | 2E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24426 RAVENNA AVE | 14 | 2E-01 | **5E+00** | **3E-06** | TPHd | Benzene; TPHd; TPHg | Yes |
| 24427 MARBELLA AVE | 11 | 1E-01 | 8E-01 | 2E-08 | | | No |
| 24427 PANAMA AVE | 12 | 1E-01 | 1E+00 | 5E-07 | | | No |
| 24429 NEPTUNE AVE | 12 | 1E-01 | **3E+00** | 4E-07 | TPHd | TPHd | Yes |
| 24429 RAVENNA AVE | 11 | 1E-01 | 1E+00 | 3E-07 | | TPHd | Yes |
| 24430 PANAMA AVE | 24 | 3E-01 | 7E-02 | 3E-07 | | | No |
| 24431 PANAMA AVE | 14 | 2E-01 | **2E+00** | 5E-07 | no COC-specific HQ >1 | PCE; TPHd | Yes |
| 24432 MARBELLA AVE | 12 | 2E-01 | 1E+00 | 1E-07 | | TPHd | Yes |
| 24433 MARBELLA AVE | 88 | 1E+00 | **7E+00** | **1E-05** | TPHd; TPHmo; PCE | PCE; TPHd; TPHmo; TCE | Yes |
| 24436 PANAMA AVE | 7.8 | 1E-01 | 5E-02 | 3E-07 | | 1,2,3-TCP | Yes |
| 24502 MARBELLA AVE | 9.0 | 1E-01 | **2E+00** | 6E-08 | no COC-specific HQ >1 | TPHd | Yes |
| 24502 NEPTUNE AVE | 6.9 | 9E-02 | 6E-01 | 4E-07 | | | No |
| 24502 PANAMA AVE | 6.9 | 9E-02 | 4E-02 | 2E-07 | | | No |
| 24502 RAVENNA AVE | 11 | 1E-01 | **6E+00** | **3E-06** | TPHd | Benzene; TPHd; TPHg | Yes |
| 24503 MARBELLA AVE | 9.4 | 1E-01 | 7E-01 | 1E-08 | | | No |
| 24503 NEPTUNE AVE | 11 | 1E-01 | **2E+00** | 3E-07 | TPHd | TPHd | Yes |
| 24503 PANAMA AVE | 10 | 1E-01 | **5E+00** | **2E-06** | TPHd | Benzene; TPHd; TPHg | Yes |
| 24503 RAVENNA AVE | 8.5 | 1E-01 | 3E-01 | 3E-07 | | | No |
| 24506 MARBELLA AVE | 16 | 2E-01 | **8E+00** | **5E-06** | TPHd; TPHmo; Benzene | Benzene; TPHd; TPHg; TPHmo | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤5 ft bgs | | | | | | |
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24507 MARBELLA AVE | 10 | 1E-01 | 9E-01 | 2E-07 | | | No |
| 24508 NEPTUNE AVE | 11 | 1E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | 1,4-DCB; TPHd | Yes |
| 24508 PANAMA AVE | 7.7 | 1E-01 | 2E-01 | 3E-07 | | | No |
| 24508 RAVENNA AVE | 7.7 | 1E-01 | **3E+00** | 4E-07 | TPHd | TPHd | Yes |
| 24509 NEPTUNE AVE | 13 | 2E-01 | **3E+00** | 3E-07 | TPHd | TPHd | Yes |
| 24509 PANAMA AVE | 14 | 2E-01 | **3E+00** | 7E-07 | TPHd | TPHd | Yes |
| 24509 RAVENNA AVE | 29 | 4E-01 | **4E+00** | 3E-07 | TPHd; TPHmo | TPHd | Yes |
| 24512 MARBELLA AVE | 10 | 1E-01 | **7E+00** | **2E-06** | TPHd; TPHmo | Benzene; TBA; TPHd; TPHg | Yes |
| 24512 NEPTUNE AVE | 8.4 | 1E-01 | **3E+00** | 8E-07 | TPHd | Benzene; TPHd | Yes |
| 24512 PANAMA AVE | 8.8 | 1E-01 | 8E-02 | 3E-07 | | | No |
| 24512 RAVENNA AVE | 8.7 | 1E-01 | **4E+00** | **4E-06** | TPHd; Benzene | Benzene; TPHd; TPHg | Yes |
| 24513 NEPTUNE AVE | 9.3 | 1E-01 | 4E-01 | 2E-07 | | | No |
| 24513 PANAMA AVE | 8.7 | 1E-01 | **6E+00** | **3E-06** | TPHd; TPHmo; Benzene | Benzene; TPHd; TPHg | Yes |
| 24513 RAVENNA AVE | 13 | 2E-01 | 3E-01 | 1E-08 | | | No |
| 24516 MARBELLA AVE | 11 | 1E-01 | **3E+00** | 1E-06 | TPHd | Benzene; TPHd; TPHg | Yes |
| 24517 MARBELLA AVE | 12 | 2E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24518 NEPTUNE AVE | 18 | 2E-01 | **3E+00** | 9E-07 | TPHd | Benzene; TPHd; TPHg | Yes |
| 24518 PANAMA AVE | 22 | 3E-01 | 1E-01 | 3E-07 | | | No |
| 24518 RAVENNA AVE | 10 | 1E-01 | **6E+00** | **2E-06** | TPHd; TPHmo | Benzene; TPHd; TPHg | Yes |
| 24519 NEPTUNE AVE | 10 | 1E-01 | **3E+00** | 8E-07 | TPHd | TPHd; TPHg | Yes |
| 24519 PANAMA AVE | 18 | 2E-01 | **4E+00** | **2E-06** | TPHd | Benzene; TPHd; TPHg | Yes |
| 24522 MARBELLA AVE | 8.4 | 1E-01 | **1E+01** | **8E-06** | TPHd; TPHmo; Benzene; Ethylbenzene | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24522 NEPTUNE AVE | 9.3 | 1E-01 | **3E+00** | 4E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24522 PANAMA AVE | 10 | 1E-01 | 2E-01 | 3E-07 | | | No |
| 24522 RAVENNA AVE | 8.3 | 1E-01 | **3E+00** | **3E-06** | TPHd | Benzene; TPHd; TPHg | Yes |
| 24523 MARBELLA AVE | 38 | 5E-01 | 1E+00 | 2E-07 | | | No |
| 24523 NEPTUNE AVE | 11 | 1E-01 | **1E+01** | **1E-05** | TPHd; TPHmo; Benzene | Benzene; TPHd; TPHg | Yes |
| 24523 RAVENNA AVE | 16 | 2E-01 | **2E+00** | 8E-07 | TPHd | TPHd; TPHg | Yes |
| 24526 MARBELLA AVE | 7.6 | 9E-02 | **1E+01** | **3E-05** | TPHd; TPHmo; TPHg; Benzene; Naphthalene | Benzene; TBA; TPHd; TPHg | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤5 ft bgs | | | | | | |
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24528 NEPTUNE AVE | 7.7 | 1E-01 | 1E+00 | 7E-07 | | TPHd; TPHg | Yes |
| 24528 PANAMA AVE | 12 | 2E-01 | 6E-01 | 1E-08 | | | No |
| 24529 NEPTUNE AVE | 10 | 1E-01 | **7E+00** | **1E-05** | TPHd; TPHmo; Benzene | Benzene; TBA; TPHd; TPHg | Yes |
| 24529 PANAMA AVE | 7.2 | 9E-02 | 9E-02 | 4E-07 | | | No |
| 24529 RAVENNA AVE | 15 | 2E-01 | **2E+00** | 5E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24532 MARBELLA AVE | 9.2 | 1E-01 | **1E+01** | **9E-06** | TPHd; TPHmo; Benzene; Naphthalene | Benzene; TPHd; TPHg | Yes |
| 24532 NEPTUNE AVE | 25 | 3E-01 | 4E-02 | 5E-07 | | | No |
| 24532 PANAMA AVE | 9.2 | 1E-01 | 1E+00 | 3E-07 | | TPHd | Yes |
| 24532 RAVENNA AVE | 6.3 | 8E-02 | 1E-01 | 3E-07 | | | No |
| 24533 MARBELLA AVE | 20 | 2E-01 | 7E-01 | 2E-08 | | | No |
| 24533 PANAMA AVE | 8.4 | 1E-01 | 1E+00 | 2E-07 | | TPHd | Yes |
| 24533 RAVENNA AVE | 7.5 | 9E-02 | 2E-02 | 2E-07 | | | No |
| 24602 MARBELLA AVE | 13 | 2E-01 | 8E-01 | 7E-07 | | | No |
| 24602 NEPTUNE AVE | 8.3 | 1E-01 | 2E-01 | 2E-07 | | | No |
| 24602 PANAMA AVE | 20 | 2E-01 | 8E-01 | 3E-07 | | | No |
| 24602 RAVENNA AVE | 15 | 2E-01 | 2E-01 | 3E-07 | | | No |
| 24603 MARBELLA AVE | 16 | 2E-01 | **5E+00** | 7E-07 | TPHd; TPHmo | TPHd | Yes |
| 24603 NEPTUNE AVE | 7.9 | 1E-01 | **2E+00** | **5E-06** | Benzene; Ethylbenzene | Benzene; TPHd; TPHg | Yes |
| 24603 PANAMA AVE | 13 | 2E-01 | 1E+00 | 3E-07 | | TPHd | Yes |
| 24603 RAVENNA AVE | 22 | 3E-01 | **6E+00** | 3E-07 | Thallium > bkgd | TPHd; Thallium > bkgd | Yes |
| 24606 MARBELLA AVE | 8.1 | 1E-01 | **8E+00** | **7E-06** | TPHd; TPHmo; Benzene; Naphthalene | Benzene; TPHd; TPHg | Yes |
| 24607 MARBELLA AVE | 14 | 2E-01 | 7E-01 | 2E-07 | | | No |
| 24608 NEPTUNE AVE | 30 | 4E-01 | **5E+00** | **2E-06** | TPHd | TPHd; TPHg | Yes |
| 24608 PANAMA AVE | 116 | 1E+00 | **2E+01** | 1E-06 | TPHd; TPHmo; Thallium > bkgd | TPHd; TPHmo; Thallium > bkgd | Yes |
| 24608 RAVENNA AVE | 18 | 2E-01 | **4E+00** | **2E-06** | TPHd | Benzene; TPHd; TPHg | Yes |
| 24609 NEPTUNE AVE | 8.5 | 1E-01 | **1E+01** | **8E-06** | TPHd; TPHmo; Benzene; Naphthalene | Benzene; TPHd; TPHg | Yes |
| 24609 PANAMA AVE | 19 | 2E-01 | **3E+00** | 3E-07 | TPHd | TPHd | Yes |
| 24609 RAVENNA AVE | 6.6 | 8E-02 | 1E+00 | 2E-07 | | TPHd | Yes |
| 24612 MARBELLA AVE | 26 | 3E-01 | **9E+00** | **6E-06** | TPHd; TPHmo; Benzene | 1,2,3-TCP; Benzene; TPHd; TPHg | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤5 ft bgs | | | | | | |
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24612 NEPTUNE AVE | 8.3 | 1E-01 | **7E+00** | **5E-06** | TPHd; TPHmo; Benzene; Naphthalene | Benzene; TPHd; TPHg | Yes |
| 24612 PANAMA AVE | 12 | 1E-01 | 1E+00 | 8E-07 | | TPHd; TPHg | Yes |
| 24612 RAVENNA AVE | 35 | 4E-01 | **5E+00** | 1E-07 | TPHd; TPHmo | TPHd | Yes |
| 24613 MARBELLA AVE | 9.8 | 1E-01 | 7E-01 | 3E-07 | Arsenic > bkgd | Arsenic > bkgd | Yes |
| 24613 NEPTUNE AVE | 9.2 | 1E-01 | **6E+00** | **3E-06** | TPHd; TPHmo | Benzene; TBA; TPHd; TPHg | Yes |
| 24613 PANAMA AVE | 51 | 6E-01 | **1E+01** | 5E-07 | TPHd; TPHmo | TPHd; TPHmo | Yes |
| 24613 RAVENNA AVE | 7.2 | 9E-02 | **2E+00** | **2E-06** | no COC-specific HQ >1 or risk >1E-06 | TPHd; TPHg | Yes |
| 24616 MARBELLA AVE | 9.4 | 1E-01 | **1E+01** | **1E-05** | TPHd; TPHmo; BaP, 1-MN, Benzene; Naphthalene; VC | Benzene; c-1,2-DCE; TPHd; TPHg; TPHmo; TCE, VC | Yes |
| 24617 MARBELLA AVE | 11 | 1E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1; Thallium > bkgd | Thallium > bkgd | Yes |
| 24618 NEPTUNE AVE | 12 | 1E-01 | **4E+00** | 1E-06 | TPHd | TPHd | Yes |
| 24618 PANAMA AVE | 15 | 2E-01 | **3E+00** | 2E-07 | TPHd | TPHd | Yes |
| 24618 RAVENNA AVE | 4.6 | 6E-02 | 1E+00 | 6E-07 | | TPHd | Yes |
| 24619 NEPTUNE AVE | 11 | 1E-01 | **5E+00** | **2E-06** | TPHd | Benzene; TPHd; TPHg | Yes |
| 24619 PANAMA AVE | 19 | 2E-01 | **3E+00** | 1E-06 | TPHd | Benzene; TPHd; TPHg | Yes |
| 24619 RAVENNA AVE | 7.0 | 9E-02 | 2E-01 | 3E-07 | | | No |
| 24622 MARBELLA AVE | 12 | 1E-01 | **1E+01** | **1E-05** | TPHd; TPHmo; BaP; Naphthalene; Arsenic > bkgd | Benzene; TPHd; TPHg; Arsenic > bkgd | Yes |
| 24622 NEPTUNE AVE | 17 | 2E-01 | **4E+00** | 1E-06 | TPHd | TPHd | Yes |
| 24623 MARBELLA AVE | 11 | 1E-01 | **8E+00** | **2E-06** | TPHd; TPHg | TPHd; TPHg | Yes |
| 24623 NEPTUNE AVE | 16 | 2E-01 | **4E+00** | **2E-06** | TPHd | TPHd; TPHg; TCE | Yes |
| 24627 MARBELLA AVE | 11 | 1E-01 | **7E+00** | **3E-06** | TPHd; Naphthalene | 1,2-DCA; TPHd; TPHg; TCE | Yes |
| 24628 MARBELLA AVE | 18 | 2E-01 | **7E+00** | **6E-06** | TPHd; TPHmo; Benzene; Ethylbenzene | Benzene; TPHd; TPHg | Yes |
| 24628 NEPTUNE AVE | 12 | 2E-01 | 3E-01 | 2E-08 | | | No |
| 24629 NEPTUNE AVE | 10 | 1E-01 | **6E+00** | **2E-06** | TPHd; TPHmo | Benzene; TPHd; TPHg | Yes |
| 24632 NEPTUNE AVE | 18 | 2E-01 | **3E+00** | 5E-07 | TPHd | TPHd | Yes |
| 24633 MARBELLA AVE | 80 | 1E+00 | **5E+00** | 7E-08 | TPHd; TPHmo | TPHd | Yes |
| 24700 MARBELLA AVE | 17 | 2E-01 | **6E+00** | 1E-06 | TPHd; TPHmo | TPHd; TPHg | Yes |
| 24700 RAVENNA AVE | 19 | 2E-01 | 1E+00 | 3E-07 | | | No |
| 24702 NEPTUNE AVE | 12 | 2E-01 | **4E+00** | 6E-07 | TPHd; TPHmo | TPHd; TPHg | Yes |
| 24702 PANAMA AVE | 35 | 4E-01 | **3E+00** | **5E-06** | TPHd; Benzene | Benzene; TPHd; TPHg | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤5 ft bgs | | | | | | |
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24703 MARBELLA AVE | 17 | 2E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24703 NEPTUNE AVE | 11 | 1E-01 | **5E+00** | 9E-07 | TPHd; TPHmo | TPHd; TPHg | Yes |
| 24703 PANAMA AVE | 16 | 2E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24703 RAVENNA AVE | 9.2 | 1E-01 | **3E+00** | **2E-06** | TPHd | Benzene; TPHd | Yes |
| 24706 MARBELLA AVE | 10 | 1E-01 | **5E+00** | **2E-06** | TPHd | 1,4-DCB; TPHd; TPHg | Yes |
| 24706 RAVENNA AVE | 32 | 4E-01 | **2E+00** | 3E-09 | no COC-specific HQ >1 | TPHd | Yes |
| 24707 MARBELLA AVE | 14 | 2E-01 | 7E-01 | 2E-07 | | | No |
| 24708 PANAMA AVE | 16 | 2E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24709 NEPTUNE AVE | 13 | 2E-01 | **3E+00** | 8E-07 | TPHd | Benzene; TPHd; TPHg | Yes |
| 24709 PANAMA AVE | 12 | 2E-01 | **2E+00** | 1E-06 | no COC-specific HQ >1 | Benzene; TPHd; TPHg | Yes |
| 24709 RAVENNA AVE | 9.3 | 1E-01 | **3E+00** | **2E-06** | TPHd | Benzene; TPHd; TPHg | Yes |
| 24710 MARBELLA AVE | 28 | 4E-01 | **8E+00** | **4E-06** | TPHd; TPHmo; Benzene | 1,4-DCB; Benzene; TBA; TPHd; TPHg | Yes |
| 24712 NEPTUNE AVE | 13 | 2E-01 | **2E+00** | 4E-07 | TPHd | TPHd; TPHg | Yes |
| 24712 PANAMA AVE | 67 | 8E-01 | **7E+00** | 7E-07 | TPHd; TPHmo | TPHd; TPHg | Yes |
| 24712 RAVENNA AVE | 35 | 4E-01 | **2E+00** | 7E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24713 MARBELLA AVE | 6.9 | 9E-02 | 7E-01 | 2E-07 | | | No |
| 24713 PANAMA AVE | 17 | 2E-01 | **3E+00** | 2E-07 | TPHd | TBA; TPHd | Yes |
| 24713 RAVENNA AVE | 6.7 | 8E-02 | **3E+00** | 1E-06 | TPHd | TPHd; TPHg | Yes |
| 24715 NEPTUNE AVE | 12 | 2E-01 | **6E+00** | **5E-06** | TPHd; TPHmo; BaP | 1,2-DCA; TPHd; TPHg | Yes |
| 24716 MARBELLA AVE | 15 | 2E-01 | **6E+00** | **4E-06** | TPHd; Ethylbenzene | Benzene; TPHd; TPHg | Yes |
| 24716 RAVENNA AVE | 13 | 2E-01 | **3E+00** | 5E-08 | TPHd | TPHd | Yes |
| 24717 MARBELLA AVE | 7.2 | 9E-02 | **3E+00** | 1E-06 | TPHd | TPHd | Yes |
| 24718 NEPTUNE AVE | 5.8 | 7E-02 | **7E+00** | **3E-06** | TPHd; TPHmo; Antimony > bkgd; no COC-specific risk >1E-06 | Benzene; TPHd; TPHg; Antimony > bkdg | Yes |
| 24718 PANAMA AVE | 23 | 3E-01 | **3E+00** | 5E-07 | TPHd | 1,2,3-TCP; TPHd | Yes |
| 24719 NEPTUNE AVE | 32 | 4E-01 | **4E+00** | **2E-06** | TPHd | 1,4-DCB; TPHd; TPHg | Yes |
| 24719 PANAMA AVE | 17 | 2E-01 | **3E+00** | 3E-07 | TPHd | TPHd | Yes |
| 24719 RAVENNA AVE | 19 | 2E-01 | **5E+00** | **2E-06** | TPHd | Benzene; TPHd; TPHg | Yes |
| 24722 MARBELLA AVE | 9.6 | 1E-01 | **2E+00** | 6E-07 | no COC-specific HQ >1 | TPHd | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤5 ft bgs | | | | | | |
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24722 NEPTUNE AVE | 7.7 | 1E-01 | 4E-02 | 2E-07 | | | No |
| 24722 PANAMA AVE | 13 | 2E-01 | **2E+00** | 6E-08 | no COC-specific HQ >1 | TPHd | Yes |
| 24722 RAVENNA AVE | 36 | 5E-01 | **4E+00** | 6E-07 | TPHd; TPHmo | TPHd | Yes |
| 24723 MARBELLA AVE | 9.6 | 1E-01 | **3E+00** | 2E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24723 RAVENNA AVE | 17 | 2E-01 | 1E+00 | 4E-07 | | 1,4-DCB; TPHd | Yes |
| 24725 NEPTUNE AVE | 30 | 4E-01 | 4E-01 | 2E-07 | | | No |
| 24726 MARBELLA AVE | 9.5 | 1E-01 | 1E+00 | 3E-07 | | | No |
| 24726 RAVENNA AVE | 6.6 | 8E-02 | 1E+00 | 3E-07 | | TPHd | Yes |
| 24727 MARBELLA AVE | 20 | 2E-01 | **6E+00** | 1E-06 | TPHd; TPHmo | Benzene; TPHd; TPHg | Yes |
| 24728 NEPTUNE AVE | 7.5 | 9E-02 | **3E+00** | **6E-06** | Benzene | Benzene; TPHd; TPHg | Yes |
| 24728 PANAMA AVE | 80 | 1E+00 | **2E+01** | 7E-07 | TPHd; TPHmo | TPHd; TPHmo | Yes |
| 24729 NEPTUNE AVE | 42 | 5E-01 | 1E+00 | 3E-07 | | TPHd | Yes |
| 24729 PANAMA AVE | 17 | 2E-01 | 6E-01 | 3E-07 | | | No |
| 24729 RAVENNA AVE | 19 | 2E-01 | 2E-01 | 3E-07 | | | No |
| 24732 MARBELLA AVE | 8.6 | 1E-01 | **3E+00** | 1E-06 | TPHd | TPHd | Yes |
| 24732 NEPTUNE AVE | 9.5 | 1E-01 | **8E+00** | **2E-05** | TPHd; TPHmo; Benzene; Naphthalene | Benzene; TPHd; TPHg; TCE | Yes |
| 24732 PANAMA AVE | 14 | 2E-01 | 7E-01 | 3E-07 | | | No |
| 24732 RAVENNA AVE | 8.1 | 1E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24733 MARBELLA AVE | 10 | 1E-01 | **2E+00** | 8E-07 | no COC-specific HQ >1 | TPHd; TPHg | Yes |
| 24733 PANAMA AVE | 32 | 4E-01 | 1E+00 | 5E-07 | | TPHd | Yes |
| 24733 RAVENNA AVE | 9.4 | 1E-01 | 1E+00 | 4E-07 | Thallium > bkgd | 1,2,3-TCP; TPHd; Thallium > bkgd | Yes |
| 24735 NEPTUNE AVE | 13 | 2E-01 | **3E+00** | 3E-07 | TPHd | TPHd | Yes |
| 24736 MARBELLA AVE | 13 | 2E-01 | 7E-01 | 2E-07 | | | No |
| 24736 RAVENNA AVE | 6.5 | 8E-02 | **5E+00** | **2E-06** | TPHd; TPHmo | Benzene; TBA; TPHd; TPHg | Yes |
| 24737 MARBELLA AVE | 18 | 2E-01 | **6E+00** | 1E-06 | TPHd; TPHmo | TPHd; TPHg | Yes |
| 24738 NEPTUNE AVE | 24 | 3E-01 | **1E+01** | **2E-05** | TPHd; TPHmo; TPHg; Benzene; Naphthalene | Benzene; PCE; TPHd; TPHg | Yes |
| 24738 PANAMA AVE | 39 | 5E-01 | **3E+00** | 3E-07 | TPHd | TPHd | Yes |
| 24739 NEPTUNE AVE | 15 | 2E-01 | **3E+00** | 4E-07 | no COC-specific HQ >1 | TPHd | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤5 ft bgs | | | | | | |
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24739 PANAMA AVE | 12 | 2E-01 | **9E+00** | **3E-06** | TPHd; TPHmo; Naphthalene | Benzene; TBA; TPHd; TPHg; TPHmo | Yes |
| 24739 RAVENNA AVE | 12 | 2E-01 | **2E+01** | **2E-05** | TPHd; TPHmo; TPHg; Benzene; Naphthalene | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24740 MARBELLA AVE | 15 | 2E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24741 MARBELLA AVE | 14 | 2E-01 | 1E+00 | 4E-07 | | | No |
| 24743 RAVENNA AVE | 10 | 1E-01 | **1E+01** | **4E-06** | TPHd; TPHmo | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24744 MARBELLA AVE | 12 | 1E-01 | **7E+00** | 4E-07 | TPHd; TPHmo | TPHd | Yes |
| 24748 RAVENNA AVE | 8.6 | 1E-01 | **6E+00** | **3E-06** | TPHd; TPHmo | Benzene; TBA; TPHd; TPHg | Yes |
| 24749 RAVENNA AVE | 24 | 3E-01 | **6E+00** | 8E-07 | TPHd; TPHmo | Benzene; TPHd; TPHg | Yes |
| 24752 RAVENNA AVE | 48 | 6E-01 | **6E+00** | **2E-06** | TPHd; TPHmo; Naphthalene | TBA; TPHd; TPHg | Yes |
| 24802 PANAMA AVE | 18 | 2E-01 | **3E+00** | 5E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24803 NEPTUNE AVE | 14 | 2E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | 1,2-DCA; TPHd | Yes |
| 24803 PANAMA AVE | 5.2 | 7E-02 | **4E+00** | **6E-06** | TPHd; Benzene; Naphthalene | Benzene; TPHd; TPHg | Yes |
| 24808 PANAMA AVE | 15 | 2E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24809 NEPTUNE AVE | 17 | 2E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 24809 PANAMA AVE | 8.7 | 1E-01 | **6E+00** | **3E-06** | TPHd; TPHmo | Benzene; TPHd; TPHg | Yes |
| 24812 PANAMA AVE | 14 | 2E-01 | 8E-01 | 2E-07 | | TPHd | Yes |
| 24813 PANAMA AVE | 19 | 2E-01 | **6E+00** | **4E-06** | TPHd; TPHmo; Naphthalene | Benzene; TPHd; TPHg | Yes |
| 24815 NEPTUNE AVE | 23 | 3E-01 | **3E+00** | 4E-07 | TPHd | TPHd | Yes |
| 24818 PANAMA AVE | 29 | 4E-01 | **1E+01** | **2E-06** | TPHd; TPHmo | TPHd; TPHg; TPHmo | Yes |
| 24819 PANAMA AVE | 61 | 8E-01 | **5E+00** | **4E-06** | TPHd; Benzene | 1,2,3-TCP; Benzene; TPHd; TPHg | Yes |
| 24822 PANAMA AVE | 25 | 3E-01 | **1E+01** | 8E-07 | TPHd; TPHmo | 1,2,3-TCP; TBA; TPHd; TPHmo | Yes |
| 24823 PANAMA AVE | 8.0 | 1E-01 | **3E+00** | 3E-07 | TPHd | TPHd | Yes |
| 24825 NEPTUNE AVE | 15 | 2E-01 | 3E-01 | 2E-07 | | | No |
| 24828 PANAMA AVE | 49 | 6E-01 | **2E+01** | 8E-09 | TPHd; TPHmo | TBA; TPHd; TPHmo | Yes |
| 24829 PANAMA AVE | 9.3 | 1E-01 | 1E+00 | 7E-07 | | TPHd | Yes |
| 24832 PANAMA AVE | 12 | 1E-01 | 1E+00 | 2E-08 | | TPHd | Yes |
| 24833 PANAMA AVE | 12 | 1E-01 | 1E+00 | 3E-07 | | TPHd | Yes |
| 24838 PANAMA AVE | 21 | 3E-01 | **7E+00** | 4E-07 | TPHd; TPHmo | TPHd; TPHmo | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤5 ft bgs | | | | | | |
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24904 NEPTUNE AVE | 12 | 2E-01 | 9E-01 | 3E-07 | | | No |
| 24912 NEPTUNE AVE | 21 | 3E-01 | 1E-01 | 2E-07 | | | No |
| 301 244TH ST | 13 | 2E-01 | 8E-01 | 3E-07 | | | No |
| 305 244TH ST | 37 | 5E-01 | **2E+01** | 5E-07 | TPHd; TPHmo | 1,2,3-TCP; TPHd; TPHmo | Yes |
| 311 244TH ST | 78 | 1E+00 | **4E+01** | **3E-05** | TPHd; TPHmo; BaP; BaA; BbF | TPHd; TPHmo | Yes |
| 317 244TH ST | 51 | 6E-01 | **2E+01** | 2E-07 | TPHd; TPHmo | TPHd; TPHmo | Yes |
| 321 244TH ST | 15 | 2E-01 | 8E-01 | 2E-07 | Arsenic > bkgd | Arsenic > bkgd | Yes |
| 327 244TH ST | 9.7 | 1E-01 | 7E-01 | 6E-07 | | | No |
| 331 244TH ST | 9.2 | 1E-01 | 7E-01 | 5E-07 | Arsenic > bkgd | Arsenic > bkgd | Yes |
| 337 244TH ST | 9.0 | 1E-01 | 1E+00 | 2E-07 | | | No |
| 341 244TH ST | 11 | 1E-01 | 6E-01 | 5E-07 | | | No |
| 344 249TH ST | 18 | 2E-01 | **2E+00** | 8E-09 | no COC-specific HQ >1 | TPHd | Yes |
| 345 249TH ST | 28 | 3E-01 | 1E+00 | 3E-07 | | TPHd | Yes |
| 347 244TH ST | 14 | 2E-01 | 7E-01 | 4E-07 | | | No |
| 348 248TH ST | 12 | 2E-01 | **8E+00** | **4E-06** | TPHd; TPHmo; Naphthalene | Benzene; TPHd | Yes |
| 348 249TH ST | 36 | 4E-01 | 1E+00 | 6E-07 | | TPHd | Yes |
| 351 244TH ST | 39 | 5E-01 | **3E+00** | 6E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 352 249TH ST | 20 | 2E-01 | 8E-01 | 2E-07 | | | No |
| 353 249TH ST | 9.6 | 1E-01 | **3E+00** | **4E-06** | TPHd; Benzene | Benzene; TPHd; TPHg | Yes |
| 354 248TH ST | 14 | 2E-01 | **4E+00** | **2E-06** | TPHd; Naphthalene | TPHd | Yes |
| 357 244TH ST | 9.7 | 1E-01 | 6E-01 | 3E-07 | | | No |
| 357 249TH ST | 9.7 | 1E-01 | 6E-01 | 3E-08 | | | No |
| 358 249TH ST | 10 | 1E-01 | **3E+00** | 9E-07 | TPHd | TPHd | Yes |
| 360 248TH ST | 8.0 | 1E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | TPHd | Yes |
| 361 244TH ST | 11 | 1E-01 | 6E-01 | 6E-07 | | | No |
| 362 249TH ST | 19 | 2E-01 | 1E+00 | 4E-08 | | | No |
| 363 249TH ST | 33 | 4E-01 | 8E-01 | 3E-08 | | TPHd | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤5 ft bgs | | | | | | |
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 364 248TH ST | 11 | 1E-01 | **4E+00** | 1E-06 | TPHd | Benzene; TBA; TPHd | Yes |
| 367 244TH ST | 88 | 1E+00 | **8E+00** | 7E-10 | TPHd; TPHmo | TPHd; TPHmo | Yes |
| 367 249TH ST | 16 | 2E-01 | 1E+00 | 2E-07 | | TPHd | Yes |
| 368 249TH ST | 28 | 4E-01 | **6E+00** | **2E-06** | TPHd; TPHmo | Benzene; TPHd; TPHg | Yes |
| 373 249TH ST | 19 | 2E-01 | 1E+00 | 2E-07 | | TPHd | Yes |
| 374 248TH ST | 18 | 2E-01 | **5E+00** | 5E-07 | TPHd; TPHmo | TBA; TPHd | Yes |
| 374 249TH ST | 21 | 3E-01 | **4E+00** | **2E-06** | TPHd | Benzene; TPHd; TPHg | Yes |
| 377 244TH ST | 13 | 2E-01 | 8E-01 | 3E-07 | | | No |
| 377 249TH ST | 8.0 | 1E-01 | **4E+00** | 8E-07 | TPHd | TPHd | Yes |
| 378 249TH ST | 14 | 2E-01 | **3E+00** | 6E-07 | TPHd | TPHd | Yes |
| 383 249TH ST | 13 | 2E-01 | **2E+00** | 7E-08 | no COC-specific HQ >1 | TPHd | Yes |
| 402 249TH ST | 11 | 1E-01 | **3E+00** | 6E-07 | TPHd | TPHd | Yes |
| 408 249TH ST | 46 | 6E-01 | 2E-01 | 3E-07 | | | No |
| 412 249TH ST | 49 | 6E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | TPHd | Yes |

Notes:

HHRA = human health risk assessment; HQ = noncancer hazard quotient; GW = groundwater

EF = exposure frequency; COC = constituent of concern; 95UCL = 95% upper confidence limit

ft bgs = feet below ground surface; SSCG = Site-specific cleanup goal; bkgd = background

TPHd = Total Petroleum Hydrocarbons- diesel range; TPHg = gasoline range; TPHmo = motor oil range

BaP = benzo(a)pyrene; BaA = Benzo(a)Anthracene; BbF = Benzo(b)Fluoranthene; MN = Methylnaphthalene; DCA = Dichloroethane; DCE = Dichloroethene; DCB = Dichlorobenzene; TBA = tert-Butyl Alcohol; PCE = tetrachloroethene; TCE = trichloroethene; TCP = Trichloropropane; VC = vinyl chloride

Lead Hazard = 95UCL of Lead ÷ SSCG of 80 mg/kg for an onsite resident

**Bold** + Shaded if cumulative noncancer hazard >1 or cumulative cancer risk >1E-06

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | >5 ft bgs to ≤10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24401 MARBELLA AVE | 10 | 1E-02 | 9E-03 | 8E-11 | | | No |
| 24402 NEPTUNE AVE | 7.9 | 1E-02 | 1E-01 | 1E-08 | | TPHd | Yes |
| 24402 PANAMA AVE | 7.2 | 9E-03 | 8E-03 | 5E-10 | | | No |
| 24402 RAVENNA AVE | 7.1 | 9E-03 | 3E-01 | 8E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24403 NEPTUNE AVE | 9.4 | 1E-02 | 2E-01 | 3E-07 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24403 RAVENNA AVE | 12 | 1E-02 | 7E-02 | 1E-08 | | Benzene; TPHd; TPHg | Yes |
| 24405 MARBELLA AVE | 15 | 2E-02 | 8E-03 | 2E-11 | | | No |
| 24406 MARBELLA AVE | 4.9 | 6E-03 | 2E-01 | 7E-07 | | Benzene; TPHd; TPHg | Yes |
| 24406 NEPTUNE AVE | 40 | 5E-02 | 3E-01 | 2E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24406 PANAMA AVE | 5.6 | 7E-03 | 4E-03 | 6E-10 | | | No |
| 24406 RAVENNA AVE | 17 | 2E-02 | 5E-02 | 5E-09 | | TPHd | Yes |
| 24409 NEPTUNE AVE | 10 | 1E-02 | 2E-01 | 4E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24409 RAVENNA AVE | 7.1 | 9E-03 | 8E-02 | 1E-08 | | TPHd; TPHg | Yes |
| 24410 PANAMA AVE | 6.2 | 8E-03 | 5E-03 | 7E-11 | | | No |
| 24411 MARBELLA AVE | 5.4 | 7E-03 | 6E-03 | 4E-10 | | | No |
| 24411 PANAMA AVE | 9.3 | 1E-02 | 2E-01 | 4E-07 | Arsenic > bkgd | Benzene; Naphthalene; TPHd; TPHg; TPHmo; Arsenic > bkgd | Yes |
| 24412 MARBELLA AVE | 20 | 2E-02 | 3E-01 | 4E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24412 RAVENNA AVE | 8.0 | 1E-02 | 1E-01 | 6E-09 | | TPHd; TPHg | Yes |
| 24413 NEPTUNE AVE | 7.7 | 9E-03 | 2E-01 | 8E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24413 RAVENNA AVE | 13 | 2E-02 | 1E-01 | 3E-09 | | TPHd | Yes |
| 24416 MARBELLA AVE | 4.9 | 6E-03 | 2E-01 | 1E-07 | | Benzene; TPHd; TPHg | Yes |
| 24416 NEPTUNE AVE | 9.9 | 1E-02 | 4E-03 | 6E-10 | | | No |
| 24416 PANAMA AVE | 4.4 | 5E-03 | 4E-03 | 3E-11 | | | No |
| 24416 RAVENNA AVE | 11 | 1E-02 | 5E-02 | 5E-09 | | TPHd; TPHg | Yes |
| 24417 MARBELLA AVE | 8.4 | 1E-02 | 6E-03 | 1E-11 | | | No |
| 24417 PANAMA AVE | 12 | 2E-02 | 2E-01 | 2E-07 | | Benzene; TPHd; TPHg | Yes |
| 24419 NEPTUNE AVE | 12 | 2E-02 | 1E-01 | 6E-08 | | Benzene; TPHd; TPHg | Yes |
| 24419 RAVENNA AVE | 7.4 | 9E-03 | 1E-02 | 6E-09 | | TPHd | Yes |
| 24420 PANAMA AVE | 5.9 | 7E-03 | 5E-03 | 2E-10 | | | No |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | >5 ft bgs to ≤10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24421 PANAMA AVE | 8.5 | 1E-02 | 2E-01 | 1E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24422 MARBELLA AVE | 8.9 | 1E-02 | 2E-01 | 1E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24422 NEPTUNE AVE | 8.1 | 1E-02 | 2E-02 | 2E-09 | | TBA; TPHd; TPHg | Yes |
| 24422 RAVENNA AVE | 11 | 1E-02 | 4E-02 | 3E-09 | | TBA; TPHd | Yes |
| 24423 MARBELLA AVE | 6.1 | 7E-03 | 6E-03 | 4E-12 | | | No |
| 24423 NEPTUNE AVE | 7.3 | 9E-03 | 2E-01 | 8E-08 | | Benzene; TPHd; TPHg | Yes |
| 24423 RAVENNA AVE | 6.6 | 8E-03 | 6E-02 | 2E-08 | | Benzene; TPHd | Yes |
| 24426 MARBELLA AVE | 13 | 2E-02 | 2E-01 | 5E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24426 NEPTUNE AVE | 10 | 1E-02 | 4E-02 | 2E-09 | | TPHd | Yes |
| 24426 PANAMA AVE | 4.9 | 6E-03 | 5E-03 | 2E-10 | | | No |
| 24426 RAVENNA AVE | 7.6 | 9E-03 | 1E-02 | 8E-09 | | | No |
| 24427 MARBELLA AVE | 9.5 | 1E-02 | 8E-03 | 1E-11 | | | No |
| 24427 PANAMA AVE | 43 | 5E-02 | 6E-02 | 2E-08 | | Benzene; TPHd; TPHg | Yes |
| 24429 NEPTUNE AVE | 21 | 3E-02 | 2E-01 | 1E-07 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24429 RAVENNA AVE | 5.9 | 7E-03 | 9E-03 | 6E-09 | | TPHg | Yes |
| 24430 PANAMA AVE | 5.3 | 7E-03 | 3E-05 | 4E-09 | | | No |
| 24431 PANAMA AVE | 5.7 | 7E-03 | 4E-02 | 3E-09 | | TPHd | Yes |
| 24432 MARBELLA AVE | 10 | 1E-02 | 1E-01 | 3E-08 | | Benzene; c-1,2-DCE; TPHd; TPHg; TCE | Yes |
| 24433 MARBELLA AVE | 23 | 3E-02 | 1E-02 | 1E-09 | | | No |
| 24436 PANAMA AVE | 2.2 | 3E-03 | 7E-05 | 2E-09 | | | No |
| 24502 MARBELLA AVE | 655 | 8E-01 | 8E-02 | 2E-08 | | TPHd; TPHg | Yes |
| 24502 NEPTUNE AVE | 8.8 | 1E-02 | 9E-02 | 4E-09 | | TPHd | Yes |
| 24502 PANAMA AVE | 1.9 | 2E-03 | 9E-06 | 1E-09 | | | No |
| 24502 RAVENNA AVE | 13 | 2E-02 | 2E-02 | 7E-09 | | Benzene; TBA; TPHd; TPHg | Yes |
| 24503 MARBELLA AVE | 12 | 1E-02 | 1E-02 | 2E-10 | | | No |
| 24503 NEPTUNE AVE | 9.6 | 1E-02 | 1E-01 | 2E-08 | | Benzene; TBA; TPHd; TPHg | Yes |
| 24503 PANAMA AVE | 8.0 | 1E-02 | 4E-02 | 3E-09 | | TPHd; TPHg | Yes |
| 24503 RAVENNA AVE | 7.7 | 9E-03 | 3E-02 | 1E-08 | | TPHd; TPHg | Yes |
| 24506 MARBELLA AVE | 14 | 2E-02 | 2E-01 | 3E-07 | | Benzene; TPHd; TPHg; TPHmo | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | >5 ft bgs to ≤10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24507 MARBELLA AVE | 10 | 1E-02 | 9E-03 | 5E-11 | | | No |
| 24508 NEPTUNE AVE | 6.6 | 8E-03 | 1E-01 | 9E-08 | | Benzene; TPHd; TPHg | Yes |
| 24508 PANAMA AVE | 3.2 | 4E-03 | 4E-06 | 6E-10 | | | No |
| 24508 RAVENNA AVE | 29 | 4E-02 | 2E-01 | 4E-07 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24509 NEPTUNE AVE | 14 | 2E-02 | 4E-02 | 5E-09 | | TPHd | Yes |
| 24509 PANAMA AVE | 7.5 | 9E-03 | 1E-01 | 8E-08 | | Benzene; TPHd; TPHg | Yes |
| 24509 RAVENNA AVE | 8.1 | 1E-02 | 2E-01 | 4E-07 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24512 MARBELLA AVE | 7.7 | 9E-03 | 2E-01 | 9E-08 | | Benzene; TBA; TPHd; TPHg; TPHmo | Yes |
| 24512 NEPTUNE AVE | 6.1 | 7E-03 | 9E-02 | 6E-08 | | Benzene; TPHd; TPHg | Yes |
| 24512 PANAMA AVE | 5.0 | 6E-03 | 1E-06 | 3E-10 | | | No |
| 24512 RAVENNA AVE | 24 | 3E-02 | 6E-02 | 5E-08 | | Benzene; TPHd; TPHg | Yes |
| 24513 NEPTUNE AVE | 6.6 | 8E-03 | 9E-02 | 8E-08 | | Benzene; TPHd; TPHg | Yes |
| 24513 PANAMA AVE | 5.5 | 7E-03 | 1E-01 | 1E-07 | | 1,4-DCB; Benzene; TPHd; TPHg | Yes |
| 24513 RAVENNA AVE | 5.7 | 7E-03 | 2E-01 | 5E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24516 MARBELLA AVE | 9.1 | 1E-02 | 4E-01 | 9E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24517 MARBELLA AVE | 19 | 2E-02 | 1E-02 | 3E-09 | | | No |
| 24518 NEPTUNE AVE | 6.2 | 8E-03 | 2E-01 | 5E-08 | | Benzene; TBA; TPHd; TPHg; TPHmo | Yes |
| 24518 PANAMA AVE | 3.0 | 4E-03 | 2E-04 | 3E-09 | | | No |
| 24518 RAVENNA AVE | 6.6 | 8E-03 | 1E-01 | 7E-08 | | Benzene; TPHd; TPHg | Yes |
| 24519 NEPTUNE AVE | 8.6 | 1E-02 | 6E-02 | 2E-08 | | Benzene; TBA; TPHd; TPHg | Yes |
| 24519 PANAMA AVE | 6.0 | 7E-03 | 2E-01 | 6E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24522 MARBELLA AVE | 6.2 | 8E-03 | 3E-01 | 9E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24522 NEPTUNE AVE | 11 | 1E-02 | 6E-02 | 3E-08 | | Benzene; TPHd; TPHg | Yes |
| 24522 PANAMA AVE | 2.0 | 2E-03 | 1E-04 | 3E-09 | | | No |
| 24522 RAVENNA AVE | 4.2 | 5E-03 | 9E-02 | 3E-08 | | Benzene; TPHd; TPHg | Yes |
| 24523 MARBELLA AVE | 8.3 | 1E-02 | 6E-03 | 5E-09 | | | No |
| 24523 NEPTUNE AVE | 7.5 | 9E-03 | 2E-01 | 3E-07 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24523 RAVENNA AVE | 6.2 | 8E-03 | 1E-01 | 4E-08 | | Benzene; TPHd; TPHg | Yes |
| 24526 MARBELLA AVE | 5.3 | 6E-03 | 2E-01 | 6E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | >5 ft bgs to ≤10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24528 NEPTUNE AVE | 4.8 | 6E-03 | 4E-02 | 2E-08 | | TPHd; TPHg; TCE | Yes |
| 24528 PANAMA AVE | 2.7 | 3E-03 | 3E-04 | 1E-10 | | | No |
| 24529 NEPTUNE AVE | 14 | 2E-02 | 2E-01 | 6E-07 | | Benzene; TPHd; TPHg | Yes |
| 24529 PANAMA AVE | 3.3 | 4E-03 | 3E-05 | 6E-09 | | | No |
| 24529 RAVENNA AVE | 2.3 | 3E-03 | 2E-01 | 8E-08 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24532 MARBELLA AVE | 8.5 | 1E-02 | 5E-01 | 3E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24532 NEPTUNE AVE | 3.2 | 4E-03 | | | | | No |
| 24532 PANAMA AVE | 68 | 8E-02 | 7E-02 | 1E-07 | | 1,2,3-TCP; TPHd | Yes |
| 24532 RAVENNA AVE | 2.9 | 4E-03 | 5E-05 | 4E-09 | | | No |
| 24533 MARBELLA AVE | 7.8 | 1E-02 | 8E-03 | 3E-10 | | | No |
| 24533 PANAMA AVE | 4.3 | 5E-03 | 1E-03 | 4E-09 | | | No |
| 24533 RAVENNA AVE | 4.0 | 5E-03 | 2E-04 | 4E-09 | | | No |
| 24602 MARBELLA AVE | 8.6 | 1E-02 | 1E-01 | 1E-07 | | Naphthalene; TPHd; TPHg | Yes |
| 24602 NEPTUNE AVE | 3.4 | 4E-03 | 1E-04 | 3E-09 | | | No |
| 24602 PANAMA AVE | 46 | 6E-02 | 4E-02 | 3E-09 | | TPHd | Yes |
| 24602 RAVENNA AVE | 13 | 2E-02 | 2E-05 | 2E-09 | | | No |
| 24603 MARBELLA AVE | 9.6 | 1E-02 | 9E-03 | 3E-09 | | | No |
| 24603 NEPTUNE AVE | 4.1 | 5E-03 | 1E-02 | 9E-09 | | Benzene; TPHg | Yes |
| 24603 PANAMA AVE | 7.9 | 1E-02 | 9E-04 | 4E-09 | | | No |
| 24603 RAVENNA AVE | 2.9 | 4E-03 | 3E-02 | 6E-10 | Thallium > bkgd | Thallium > bkgd | Yes |
| 24606 MARBELLA AVE | 4.8 | 6E-03 | 1E-01 | 2E-07 | | Benzene; Naphthalene; TPHd; TPHg | Yes |
| 24607 MARBELLA AVE | 9.1 | 1E-02 | 8E-03 | 4E-11 | | 1,2-DCA | Yes |
| 24608 NEPTUNE AVE | 4.1 | 5E-03 | 2E-01 | 1E-07 | | Naphthalene; TPHd; TPHg | Yes |
| 24608 PANAMA AVE | 9.9 | 1E-02 | 5E-02 | 7E-09 | Thallium > bkgd | TPHd; Thallium > bkgd | Yes |
| 24608 RAVENNA AVE | 33 | 4E-02 | 2E-01 | 6E-09 | | TPHd; TPHmo | Yes |
| 24609 NEPTUNE AVE | 8.8 | 1E-02 | 4E-01 | 3E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24609 PANAMA AVE | 8.5 | 1E-02 | 6E-02 | 5E-08 | | Benzene; TPHd; TPHg | Yes |
| 24609 RAVENNA AVE | 4.6 | 6E-03 | 1E-05 | 2E-09 | | | No |
| 24612 MARBELLA AVE | 5.6 | 7E-03 | 2E-01 | 2E-07 | | Benzene; TPHd; TPHg | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | >5 ft bgs to ≤10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24612 NEPTUNE AVE | 5.5 | 7E-03 | 1E-01 | 1E-07 | | Benzene; TBA; TPHd; TPHg; TPHmo | Yes |
| 24612 PANAMA AVE | 36 | 4E-02 | 4E-02 | 4E-09 | | TPHd | Yes |
| 24612 RAVENNA AVE | 5.3 | 6E-03 | 8E-03 | 3E-09 | | | No |
| 24613 MARBELLA AVE | 7.7 | 9E-03 | 6E-03 | 3E-09 | Arsenic > bkgd | Arsenic > bkgd | Yes |
| 24613 NEPTUNE AVE | 5.2 | 6E-03 | 3E-01 | 4E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24613 PANAMA AVE | 39 | 5E-02 | 5E-02 | 3E-08 | | 1,2,3-TCP; Benzene; TPHd; TPHg | Yes |
| 24613 RAVENNA AVE | 4.7 | 6E-03 | 5E-03 | 9E-09 | | Benzene; TPHg | Yes |
| 24616 MARBELLA AVE | 5.7 | 7E-03 | 4E-01 | 8E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24617 MARBELLA AVE | 6.1 | 7E-03 | 2E-02 | 2E-11 | Thallium > bkgd | Thallium > bkgd | Yes |
| 24618 NEPTUNE AVE | 5.3 | 6E-03 | 2E-01 | 2E-07 | | Benzene; Naphthalene; TBA; TPHd; TPHg; TPHmo | Yes |
| 24618 PANAMA AVE | 37 | 4E-02 | 7E-02 | 2E-08 | | TPHd | Yes |
| 24618 RAVENNA AVE | 3.2 | 4E-03 | 8E-05 | 2E-09 | | | No |
| 24619 NEPTUNE AVE | 7.2 | 9E-03 | 3E-01 | 3E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24619 PANAMA AVE | 26 | 3E-02 | 1E-01 | 2E-07 | | Benzene; Naphthalene; TPHd; TPHg | Yes |
| 24619 RAVENNA AVE | 5.2 | 6E-03 | 1E-01 | 2E-07 | | Benzene; TPHd; TPHg | Yes |
| 24622 MARBELLA AVE | 5.6 | 7E-03 | 2E-01 | 2E-07 | Arsenic > bkgd | Benzene; Naphthalene; TPHd; TPHg; TPHmo; Arsenic > bkgd | Yes |
| 24622 NEPTUNE AVE | 4.9 | 6E-03 | 2E-01 | 1E-07 | | Benzene; TBA; TPHd; TPHg; TPHmo; TCE | Yes |
| 24623 MARBELLA AVE | 7.2 | 9E-03 | 1E-01 | 4E-08 | | TPHd; TPHg | Yes |
| 24623 NEPTUNE AVE | 7.5 | 9E-03 | 2E-01 | 4E-07 | | Benzene; Naphthalene; TBA; TPHd; TPHg; TPHmo | Yes |
| 24627 MARBELLA AVE | 7.3 | 9E-03 | 4E-01 | 1E-07 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24628 MARBELLA AVE | 6.1 | 7E-03 | 3E-01 | 1E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24628 NEPTUNE AVE | 6.2 | 8E-03 | 2E-01 | 6E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24629 NEPTUNE AVE | 10 | 1E-02 | 2E-01 | 2E-07 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24632 NEPTUNE AVE | 8.0 | 1E-02 | 2E-01 | 2E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24633 MARBELLA AVE | 8.7 | 1E-02 | 6E-03 | 6E-11 | | | No |
| 24700 MARBELLA AVE | 9.8 | 1E-02 | 3E-01 | 2E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24700 RAVENNA AVE | 4.7 | 6E-03 | 1E-03 | 3E-09 | | | No |
| 24702 NEPTUNE AVE | 6.2 | 8E-03 | 2E-01 | 7E-08 | | Benzene; Naphthalene; TBA; TPHd; TPHg; TPHmo | Yes |
| 24702 PANAMA AVE | 156 | 2E-01 | 3E-01 | 6E-08 | | Benzene; TPHd; TPHmo | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | >5 ft bgs to ≤10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24703 MARBELLA AVE | 6.2 | 8E-03 | 5E-03 | 7E-11 | | | No |
| 24703 NEPTUNE AVE | 8.2 | 1E-02 | 1E-01 | 3E-08 | | 1,2,3-TCP; Benzene; TPHd; TPHg; TPHmo | Yes |
| 24703 PANAMA AVE | 24 | 3E-02 | 3E-02 | 5E-09 | | TBA; TPHd | Yes |
| 24703 RAVENNA AVE | 5.9 | 7E-03 | 2E-01 | 2E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24706 MARBELLA AVE | 7.3 | 9E-03 | 2E-01 | 1E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24706 RAVENNA AVE | 5.6 | 7E-03 | 2E-03 | 2E-10 | | | No |
| 24707 MARBELLA AVE | 4.5 | 5E-03 | 4E-03 | 4E-09 | | | No |
| 24708 PANAMA AVE | 72 | 9E-02 | 7E-02 | 8E-09 | | TPHd | Yes |
| 24709 NEPTUNE AVE | 9.1 | 1E-02 | 2E-01 | 5E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24709 PANAMA AVE | 39 | 5E-02 | 3E-01 | 3E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24709 RAVENNA AVE | 5.0 | 6E-03 | 2E-01 | 8E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24710 MARBELLA AVE | 5.4 | 7E-03 | 2E-01 | 1E-06 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24712 NEPTUNE AVE | 4.6 | 6E-03 | 2E-01 | 1E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24712 PANAMA AVE | 65 | 8E-02 | 4E-02 | 4E-09 | | TPHd | Yes |
| 24712 RAVENNA AVE | 7.0 | 9E-03 | 3E-03 | 1E-09 | | | No |
| 24713 MARBELLA AVE | 3.5 | 4E-03 | 3E-03 | 2E-09 | | | No |
| 24713 PANAMA AVE | 209 | 3E-01 | 2E-01 | 1E-08 | | Benzene; TPHd; TPHmo | Yes |
| 24713 RAVENNA AVE | 4.1 | 5E-03 | 1E-01 | 6E-08 | | Benzene; TPHd; TPHg | Yes |
| 24715 NEPTUNE AVE | 6.0 | 7E-03 | 2E-01 | 3E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24716 MARBELLA AVE | 5.2 | 6E-03 | 3E-01 | 2E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24716 RAVENNA AVE | 3.2 | 4E-03 | 3E-04 | 2E-09 | | | No |
| 24717 MARBELLA AVE | 3.6 | 4E-03 | 8E-03 | 2E-09 | | | No |
| 24718 NEPTUNE AVE | 4.3 | 5E-03 | 1E-01 | 6E-08 | Antimony > bkgd | Benzene; c-1,2-DCE; TPHd; TPHg; Antimony > bkdg | Yes |
| 24718 PANAMA AVE | 8.9 | 1E-02 | 4E-03 | 4E-09 | | 1,2,3-TCP | Yes |
| 24719 NEPTUNE AVE | 7.5 | 9E-03 | 4E-01 | 2E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24719 PANAMA AVE | 82 | 1E-01 | 2E-01 | 5E-09 | | TPHd; TPHmo | Yes |
| 24719 RAVENNA AVE | 4.7 | 6E-03 | 2E-01 | 1E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24722 MARBELLA AVE | 5.4 | 7E-03 | 5E-03 | 2E-10 | | | No |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | >5 ft bgs to ≤10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24722 NEPTUNE AVE | 4.5 | 6E-03 | 4E-04 | 3E-09 | | | No |
| 24722 PANAMA AVE | 5.6 | 7E-03 | 7E-03 | 3E-09 | | | No |
| 24722 RAVENNA AVE | 6.9 | 8E-03 | 5E-03 | 3E-09 | | | No |
| 24723 MARBELLA AVE | 2.8 | 3E-03 | 4E-03 | 4E-10 | | | No |
| 24723 RAVENNA AVE | 5.9 | 7E-03 | 7E-02 | 2E-08 | | TPHd; TPHg | Yes |
| 24725 NEPTUNE AVE | 4.6 | 6E-03 | 5E-04 | 4E-09 | | | No |
| 24726 MARBELLA AVE | 4.8 | 6E-03 | 4E-03 | 3E-09 | | | No |
| 24726 RAVENNA AVE | 3.9 | 5E-03 | 6E-04 | 3E-09 | | | No |
| 24727 MARBELLA AVE | 3.2 | 4E-03 | 5E-04 | 3E-09 | | | No |
| 24728 NEPTUNE AVE | 4.4 | 5E-03 | 2E-02 | 3E-08 | | Benzene; TPHd; TPHg | Yes |
| 24728 PANAMA AVE | 10 | 1E-02 | 2E-02 | 2E-09 | | TPHd | Yes |
| 24729 NEPTUNE AVE | 5.0 | 6E-03 | 1E-03 | 4E-09 | | | No |
| 24729 PANAMA AVE | 7.7 | 9E-03 | 6E-04 | 3E-09 | | | No |
| 24729 RAVENNA AVE | 5.5 | 7E-03 | 1E-05 | 5E-10 | | | No |
| 24732 MARBELLA AVE | 15 | 2E-02 | 2E-05 | 3E-09 | | | No |
| 24732 NEPTUNE AVE | 2.8 | 3E-03 | 5E-01 | 9E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24732 PANAMA AVE | 5.3 | 6E-03 | 2E-04 | 3E-09 | | | No |
| 24732 RAVENNA AVE | 5.5 | 7E-03 | 5E-03 | 4E-11 | | | No |
| 24733 MARBELLA AVE | 3.2 | 4E-03 | 2E-03 | 3E-09 | | | No |
| 24733 PANAMA AVE | 12 | 1E-02 | 1E-03 | 3E-09 | | | No |
| 24733 RAVENNA AVE | 7.0 | 9E-03 | 7E-03 | 3E-09 | Thallium > bkgd | 1,2,3-TCP; Thallium > bkgd | Yes |
| 24735 NEPTUNE AVE | 5.3 | 6E-03 | 2E-04 | 2E-11 | | | No |
| 24736 MARBELLA AVE | 4.7 | 6E-03 | 3E-03 | 3E-09 | | | No |
| 24736 RAVENNA AVE | 6.1 | 7E-03 | 1E-01 | 6E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24737 MARBELLA AVE | 4.5 | 5E-03 | 2E-01 | 6E-09 | | TPHd; TPHg; TPHmo | Yes |
| 24738 NEPTUNE AVE | 7.0 | 8E-03 | 2E-01 | 5E-07 | | Benzene; TBA; TPHd; TPHg; TPHmo | Yes |
| 24738 PANAMA AVE | 5.5 | 7E-03 | 2E-03 | 3E-09 | | | No |
| 24739 NEPTUNE AVE | 6.7 | 8E-03 | 2E-04 | 4E-09 | | | No |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | >5 ft bgs to ≤10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24739 PANAMA AVE | 5.3 | 6E-03 | 2E-01 | 7E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24739 RAVENNA AVE | 6.1 | 7E-03 | 2E-01 | 4E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24740 MARBELLA AVE | 4.3 | 5E-03 | 1E-02 | 4E-09 | | | No |
| 24741 MARBELLA AVE | 5.3 | 6E-03 | 1E-05 | 2E-09 | | | No |
| 24743 RAVENNA AVE | 12 | 2E-02 | 2E-01 | 2E-07 | | Benzene; TBA; TPHd; TPHg; TPHmo | Yes |
| 24744 MARBELLA AVE | 7.7 | 9E-03 | 1E-03 | 3E-09 | | | No |
| 24748 RAVENNA AVE | 5.9 | 7E-03 | 6E-02 | 1E-08 | | Benzene; TBA; TPHd; TPHg | Yes |
| 24749 RAVENNA AVE | 8.6 | 1E-02 | 2E-01 | 7E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 24752 RAVENNA AVE | 9.0 | 1E-02 | 6E-02 | 2E-08 | | Benzene; TBA; TPHd; TPHg | Yes |
| 24802 PANAMA AVE | 5.4 | 7E-03 | 2E-03 | 3E-09 | | | No |
| 24803 NEPTUNE AVE | 6.0 | 7E-03 | 8E-04 | 2E-09 | | | No |
| 24803 PANAMA AVE | 5.5 | 7E-03 | 6E-02 | 7E-08 | | Benzene; TPHd; TPHg | Yes |
| 24808 PANAMA AVE | 5.3 | 6E-03 | 7E-03 | 8E-09 | | | No |
| 24809 NEPTUNE AVE | 8.2 | 1E-02 | 9E-02 | 5E-09 | | TPHd | Yes |
| 24809 PANAMA AVE | 8.1 | 1E-02 | 9E-02 | 2E-07 | | Benzene; TBA; TPHd; TPHg | Yes |
| 24812 PANAMA AVE | 5.5 | 7E-03 | 4E-04 | 2E-09 | | | No |
| 24813 PANAMA AVE | 6.9 | 8E-03 | 2E-01 | 9E-08 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 24815 NEPTUNE AVE | 7.5 | 9E-03 | 9E-03 | 7E-10 | | TPHd | Yes |
| 24818 PANAMA AVE | 5.7 | 7E-03 | 5E-04 | 4E-09 | | | No |
| 24819 PANAMA AVE | 57 | 7E-02 | 5E-02 | 3E-08 | | Benzene; TBA; TPHd; TPHg | Yes |
| 24822 PANAMA AVE | 5.3 | 6E-03 | 7E-04 | 4E-09 | | 1,2,3-TCP | Yes |
| 24823 PANAMA AVE | 8.9 | 1E-02 | 2E-01 | 5E-08 | | Benzene; TBA; TPHd; TPHg; TPHmo | Yes |
| 24825 NEPTUNE AVE | 4.7 | 6E-03 | 3E-04 | 3E-09 | | | No |
| 24828 PANAMA AVE | 5.5 | 7E-03 | 3E-04 | 2E-11 | | TBA | Yes |
| 24829 PANAMA AVE | 7.2 | 9E-03 | 4E-02 | 6E-08 | | Benzene; TBA; TPHd; TPHg | Yes |
| 24832 PANAMA AVE | 6.9 | 8E-03 | 2E-03 | 3E-09 | | VC | Yes |
| 24833 PANAMA AVE | 8.9 | 1E-02 | 8E-02 | 5E-08 | | Benzene; TPHd; TPHg | Yes |
| 24838 PANAMA AVE | 8.6 | 1E-02 | 3E-03 | 3E-09 | | | No |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | >5 ft bgs to ≤10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 24904 NEPTUNE AVE | 24 | 3E-02 | 3E-02 | 5E-09 | | TPHd | Yes |
| 24912 NEPTUNE AVE | 11 | 1E-02 | 1E-02 | 4E-09 | | 1,2,3-TCP; TPHd | Yes |
| 301 244TH ST | 7.9 | 1E-02 | 9E-03 | 6E-09 | | | No |
| 305 244TH ST | 8.6 | 1E-02 | 6E-03 | 3E-09 | | 1,2,3-TCP | Yes |
| 311 244TH ST | 7.7 | 9E-03 | 6E-02 | 5E-08 | | TPHd; TPHg | Yes |
| 317 244TH ST | 8.3 | 1E-02 | 9E-03 | 5E-11 | | | No |
| 321 244TH ST | 9.0 | 1E-02 | 7E-03 | 3E-11 | Arsenic > bkgd | Arsenic > bkgd | Yes |
| 327 244TH ST | 8.8 | 1E-02 | 8E-03 | 3E-11 | | | No |
| 331 244TH ST | 9.4 | 1E-02 | 8E-03 | 3E-09 | Arsenic > bkgd | Arsenic > bkgd | Yes |
| 337 244TH ST | 6.5 | 8E-03 | 5E-03 | 2E-10 | | | No |
| 341 244TH ST | 5.6 | 7E-03 | 5E-03 | 3E-11 | | | No |
| 344 249TH ST | 11 | 1E-02 | 7E-03 | 9E-11 | | | No |
| 345 249TH ST | 43 | 5E-02 | 9E-02 | 1E-08 | | TPHd | Yes |
| 347 244TH ST | 5.3 | 6E-03 | 5E-03 | 3E-09 | | | No |
| 348 248TH ST | 5.2 | 6E-03 | 2E-01 | 2E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 348 249TH ST | 14 | 2E-02 | 3E-02 | 6E-09 | | TPHd | Yes |
| 351 244TH ST | 5.7 | 7E-03 | 5E-03 | 3E-09 | | | No |
| 352 249TH ST | 25 | 3E-02 | 5E-02 | 3E-09 | | TPHd | Yes |
| 353 249TH ST | 5.4 | 7E-03 | 4E-02 | 9E-08 | | Benzene; TPHd; TPHg | Yes |
| 354 248TH ST | 23 | 3E-02 | 2E-01 | 8E-08 | | Benzene; TPHd; TPHg; TPHmo | Yes |
| 357 244TH ST | 5.6 | 7E-03 | 5E-03 | 3E-09 | | | No |
| 357 249TH ST | 6.1 | 7E-03 | 2E-01 | 1E-07 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |
| 358 249TH ST | 8.9 | 1E-02 | 1E-03 | 3E-09 | | | No |
| 360 248TH ST | 6.6 | 8E-03 | 8E-02 | 3E-08 | | Benzene; TPHd; TPHg | Yes |
| 361 244TH ST | 7.6 | 9E-03 | 6E-03 | 2E-09 | | | No |
| 362 249TH ST | 6.9 | 8E-03 | 1E-04 | 4E-09 | | | No |
| 363 249TH ST | 82 | 1E-01 | 4E-01 | 8E-08 | | Benzene; Naphthalene; TPHd; TPHg; TPHmo | Yes |

**Table 14**
**Cumulative Risk and Hazard Results for Soil and Potential Leaching to Groundwater, Onsite Resident**
Former Kast Property

| Location | >5 ft bgs to ≤10 ft bgs | | | | | | |
|---|---|---|---|---|---|---|---|
| | HHRA | | | | | Soil Leaching to GW | Exceeds HHRA or Soil Leach to GW? |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers | Compounds Exceeding SSCG Based on UCL | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | | |
| 364 248TH ST | 52 | 6E-02 | 5E-02 | 1E-08 | | Benzene; TBA; TPHd; TPHg | Yes |
| 367 244TH ST | 5.7 | 7E-03 | 1E-03 | | | | No |
| 367 249TH ST | 22 | 3E-02 | 4E-02 | 1E-08 | | 1,2,3-TCP; TPHd | Yes |
| 368 249TH ST | 6.2 | 8E-03 | 3E-02 | 2E-08 | | Benzene; TPHd; TPHg | Yes |
| 373 249TH ST | 18 | 2E-02 | 6E-02 | 2E-08 | | 1,2,3-TCP; Benzene; TPHd | Yes |
| 374 248TH ST | 67 | 8E-02 | 2E-01 | 3E-08 | | Benzene; TBA; TPHd; TPHmo | Yes |
| 374 249TH ST | 6.8 | 8E-03 | 1E-01 | 1E-07 | | Benzene; TPHd; TPHg | Yes |
| 377 244TH ST | 7.3 | 9E-03 | 6E-03 | 2E-11 | | | No |
| 377 249TH ST | 15 | 2E-02 | 1E-01 | 3E-08 | | Benzene; TPHd; TPHg | Yes |
| 378 249TH ST | 7.8 | 9E-03 | 7E-02 | 3E-08 | | Benzene; TPHd; TPHg | Yes |
| 383 249TH ST | 8.9 | 1E-02 | 6E-02 | 2E-08 | | Benzene; TPHd; TPHg | Yes |
| 402 249TH ST | 4.9 | 6E-03 | 3E-04 | 4E-11 | | | No |
| 408 249TH ST | 6.0 | 7E-03 | 3E-03 | 7E-11 | | | No |
| 412 249TH ST | 37 | 5E-02 | 2E-01 | 3E-09 | | TPHd; TPHmo | Yes |

Notes:

HHRA = human health risk assessment; GW = groundwater; 95UCL = 95% upper confidence limit

EF = exposure frequency; COC = constituent of concern

ft bgs = feet below ground surface; SSCG = Site-specific cleanup goal; bkgd = background

TPHd = Total Petroleum Hydrocarbons- diesel range; TPHg = gasoline range; TPHmo = motor oil range

BaP = benzo(a)pyrene; BaA = Benzo(a)Anthracene; BbF = Benzo(b)Fluoranthene; DCB = Dichlorobenzene; DCE = Dichloroethene; TBA = tert-Butyl Alcohol; PCE = tetrachloroethene; TCE = trichloroethene; TCP = Trichloropropane; VC = vinyl chloride

Lead Hazard = 95UCL of Lead ÷ SSCG of 820 mg/kg for an infrequent contact onsite resident

**Bold** + Shaded if cumulative noncancer hazard >1 or cumulative cancer risk >1E-06

**Table 15**
**Cumulative Risk and Hazard Results for Soil,**
**Construction and Utility Maintenance Worker**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | |
|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | |
| 24401 MARBELLA AVE | 25 | 3E-02 | 1E-01 | 2E-06 | |
| 24402 NEPTUNE AVE | 9.1 | 1E-02 | 1E+00 | 2E-06 | |
| 24402 PANAMA AVE | 10 | 1E-02 | 3E-01 | 1E-06 | |
| 24402 RAVENNA AVE | 12 | 1E-02 | **6E+00** | 1E-05 | TPHd |
| 24403 NEPTUNE AVE | 11 | 1E-02 | **6E+00** | 1E-05 | TPHd |
| 24403 RAVENNA AVE | 13 | 2E-02 | 1E+00 | 2E-06 | |
| 24405 MARBELLA AVE | 12 | 1E-02 | 2E-01 | 2E-06 | |
| 24406 MARBELLA AVE | 12 | 1E-02 | **3E+00** | 1E-05 | TPHd |
| 24406 NEPTUNE AVE | 22 | 3E-02 | **4E+00** | 1E-06 | TPHd |
| 24406 PANAMA AVE | 23 | 3E-02 | 1E+00 | 1E-06 | |
| 24406 RAVENNA AVE | 12 | 1E-02 | 5E-01 | 1E-06 | |
| 24409 NEPTUNE AVE | 32 | 4E-02 | **2E+00** | 7E-07 | TPHd |
| 24409 RAVENNA AVE | 37 | 5E-02 | 1E+00 | 1E-06 | |
| 24410 PANAMA AVE | 13 | 2E-02 | 2E-01 | 1E-06 | |
| 24411 MARBELLA AVE | 15 | 2E-02 | **2E+00** | 1E-06 | TPHd |
| 24411 PANAMA AVE | 30 | 4E-02 | **5E+00** | 1E-05 | TPHd, Arsenic > bkgd |
| 24412 MARBELLA AVE | 34 | 4E-02 | **5E+00** | 8E-06 | TPHd |
| 24412 RAVENNA AVE | 10 | 1E-02 | **2E+00** | 2E-06 | no COC-specific HQ >1 |
| 24413 NEPTUNE AVE | 22 | 3E-02 | **3E+00** | 2E-06 | TPHd |
| 24413 RAVENNA AVE | 28 | 3E-02 | 1E+00 | 1E-06 | |
| 24416 MARBELLA AVE | 18 | 2E-02 | **5E+00** | 7E-06 | TPHd |
| 24416 NEPTUNE AVE | 32 | 4E-02 | **7E+00** | 5E-08 | TPHd |
| 24416 PANAMA AVE | 13 | 2E-02 | 2E-01 | 8E-07 | |
| 24416 RAVENNA AVE | 11 | 1E-02 | **3E+00** | 9E-07 | TPHd |
| 24417 MARBELLA AVE | 14 | 2E-02 | 1E-01 | 2E-06 | |
| 24417 PANAMA AVE | 13 | 2E-02 | **3E+00** | 8E-06 | TPHd |
| 24419 NEPTUNE AVE | 18 | 2E-02 | **2E+00** | 2E-06 | TPHd |
| 24419 RAVENNA AVE | 10 | 1E-02 | 3E-01 | 3E-07 | |
| 24420 PANAMA AVE | 23 | 3E-02 | 8E-01 | 3E-07 | |
| 24421 PANAMA AVE | 12 | 1E-02 | **4E+00** | 3E-06 | TPHd |
| 24422 MARBELLA AVE | 8.3 | 1E-02 | **2E+00** | 3E-06 | TPHd |
| 24422 NEPTUNE AVE | 13 | 2E-02 | 5E-01 | 3E-07 | |
| 24422 RAVENNA AVE | 11 | 1E-02 | **3E+00** | 1E-06 | TPHd |
| 24423 MARBELLA AVE | 31 | 4E-02 | 1E-01 | 1E-06 | |
| 24423 NEPTUNE AVE | 7.1 | 9E-03 | **3E+00** | 3E-06 | TPHd |
| 24423 RAVENNA AVE | 7.2 | 9E-03 | **2E+00** | 5E-06 | no COC-specific HQ >1 |
| 24426 MARBELLA AVE | 16 | 2E-02 | **5E+00** | 1E-06 | TPHd |
| 24426 NEPTUNE AVE | 10 | 1E-02 | 5E-01 | 1E-06 | |
| 24426 PANAMA AVE | 11 | 1E-02 | 6E-01 | 1E-06 | |
| 24426 RAVENNA AVE | 13 | 2E-02 | **2E+00** | 3E-06 | TPHd |

**Table 15**
**Cumulative Risk and Hazard Results for Soil,**
**Construction and Utility Maintenance Worker**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | |
|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | |
| 24427 MARBELLA AVE | 10 | 1E-02 | 1E-01 | 1E-06 | |
| 24427 PANAMA AVE | 21 | 3E-02 | 1E+00 | 2E-06 | |
| 24429 NEPTUNE AVE | 11 | 1E-02 | **5E+00** | 3E-06 | TPHd |
| 24429 RAVENNA AVE | 10 | 1E-02 | 6E-01 | 7E-07 | |
| 24430 PANAMA AVE | 13 | 2E-02 | 2E-02 | 5E-07 | |
| 24431 PANAMA AVE | 14 | 2E-02 | 7E-01 | 2E-06 | |
| 24432 MARBELLA AVE | 12 | 1E-02 | **2E+00** | 6E-07 | TPHd |
| 24433 MARBELLA AVE | 68 | 8E-02 | **2E+00** | 5E-06 | TPHd |
| 24436 PANAMA AVE | 8.2 | 1E-02 | 1E-02 | 5E-07 | |
| 24502 MARBELLA AVE | 148 | 2E-01 | 1E+00 | 1E-06 | |
| 24502 NEPTUNE AVE | 7.1 | 9E-03 | 1E+00 | 6E-07 | |
| 24502 PANAMA AVE | 5.7 | 7E-03 | 2E-02 | 3E-07 | |
| 24502 RAVENNA AVE | 11 | 1E-02 | **2E+00** | 2E-06 | TPHd |
| 24503 MARBELLA AVE | 9.5 | 1E-02 | 1E-01 | 1E-06 | |
| 24503 NEPTUNE AVE | 10 | 1E-02 | **5E+00** | 8E-07 | TPHd |
| 24503 PANAMA AVE | 9.3 | 1E-02 | **2E+00** | 7E-07 | TPHd |
| 24503 RAVENNA AVE | 7.9 | 1E-02 | 9E-01 | 8E-07 | |
| 24506 MARBELLA AVE | 15 | 2E-02 | **4E+00** | 7E-06 | TPHd |
| 24507 MARBELLA AVE | 10 | 1E-02 | 1E-01 | 2E-06 | |
| 24508 NEPTUNE AVE | 10 | 1E-02 | **2E+00** | 4E-06 | TPHd |
| 24508 PANAMA AVE | 8.2 | 1E-02 | 5E-02 | 5E-07 | |
| 24508 RAVENNA AVE | 14 | 2E-02 | **5E+00** | **2E-05** | TPHd, Benzene |
| 24509 NEPTUNE AVE | 12 | 2E-02 | 1E+00 | 6E-07 | |
| 24509 PANAMA AVE | 11 | 1E-02 | **3E+00** | 4E-06 | TPHd |
| 24509 RAVENNA AVE | 22 | 3E-02 | **4E+00** | 1E-05 | TPHd |
| 24512 MARBELLA AVE | 9.3 | 1E-02 | **6E+00** | 4E-06 | TPHd |
| 24512 NEPTUNE AVE | 7.4 | 9E-03 | **2E+00** | 2E-06 | TPHd |
| 24512 PANAMA AVE | 7.6 | 9E-03 | 3E-02 | 5E-07 | |
| 24512 RAVENNA AVE | 9.8 | 1E-02 | **2E+00** | 3E-06 | TPHd |
| 24513 NEPTUNE AVE | 8.2 | 1E-02 | **2E+00** | 2E-06 | TPHd |
| 24513 PANAMA AVE | 7.5 | 9E-03 | **4E+00** | 5E-06 | TPHd |
| 24513 RAVENNA AVE | 12 | 1E-02 | **4E+00** | 1E-06 | TPHd |
| 24516 MARBELLA AVE | 10 | 1E-02 | **5E+00** | 1E-05 | TPHd |
| 24517 MARBELLA AVE | 13 | 2E-02 | 3E-01 | 2E-06 | |
| 24518 NEPTUNE AVE | 16 | 2E-02 | **3E+00** | 2E-06 | TPHd |
| 24518 PANAMA AVE | 17 | 2E-02 | 2E-02 | 5E-07 | |
| 24518 RAVENNA AVE | 9.0 | 1E-02 | **3E+00** | 2E-06 | TPHd |
| 24519 NEPTUNE AVE | 9.4 | 1E-02 | 1E+00 | 1E-06 | |
| 24519 PANAMA AVE | 15 | 2E-02 | **2E+00** | 2E-06 | TPHd |
| 24522 MARBELLA AVE | 7.3 | 9E-03 | **8E+00** | 6E-06 | TPHd |

**Table 15**
**Cumulative Risk and Hazard Results for Soil,**
**Construction and Utility Maintenance Worker**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | |
|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | |
| 24522 NEPTUNE AVE | 8.9 | 1E-02 | 1E+00 | 2E-06 | |
| 24522 PANAMA AVE | 8.6 | 1E-02 | 9E-02 | 5E-07 | |
| 24522 RAVENNA AVE | 7.2 | 9E-03 | **2E+00** | 2E-06 | TPHd |
| 24523 MARBELLA AVE | 30 | 4E-02 | 2E-01 | 2E-06 | |
| 24523 NEPTUNE AVE | 10 | 1E-02 | **5E+00** | **2E-05** | TPHd; no COC-specific risk >1E-05 |
| 24523 RAVENNA AVE | 14 | 2E-02 | **3E+00** | 1E-06 | TPHd |
| 24526 MARBELLA AVE | 6.9 | 8E-03 | **7E+00** | **3E-05** | TPHd, TPHg, Benzene |
| 24528 NEPTUNE AVE | 7.0 | 8E-03 | 7E-01 | 1E-06 | |
| 24528 PANAMA AVE | 7.8 | 1E-02 | 1E-01 | 7E-09 | |
| 24529 NEPTUNE AVE | 9.3 | 1E-02 | **4E+00** | **2E-05** | TPHd; no COC-specific risk >1E-05 |
| 24529 PANAMA AVE | 6.2 | 8E-03 | 4E-02 | 7E-07 | |
| 24529 RAVENNA AVE | 14 | 2E-02 | **3E+00** | 2E-06 | TPHd |
| 24532 MARBELLA AVE | 8.1 | 1E-02 | **8E+00** | 1E-05 | TPHd |
| 24532 NEPTUNE AVE | 22 | 3E-02 | 9E-03 | 5E-07 | |
| 24532 PANAMA AVE | 22 | 3E-02 | 9E-01 | 7E-07 | |
| 24532 RAVENNA AVE | 6.6 | 8E-03 | 3E-02 | 5E-07 | |
| 24533 MARBELLA AVE | 17 | 2E-02 | 1E-01 | 1E-06 | |
| 24533 PANAMA AVE | 9.2 | 1E-02 | 3E-01 | 4E-07 | |
| 24533 RAVENNA AVE | 6.8 | 8E-03 | 6E-03 | 4E-07 | |
| 24602 MARBELLA AVE | 12 | 1E-02 | **2E+00** | 4E-06 | TPHd |
| 24602 NEPTUNE AVE | 7.0 | 9E-03 | 2E-02 | 4E-07 | |
| 24602 PANAMA AVE | 24 | 3E-02 | 1E+00 | 4E-07 | |
| 24602 RAVENNA AVE | 13 | 2E-02 | 5E-02 | 6E-07 | |
| 24603 MARBELLA AVE | 14 | 2E-02 | **2E+00** | 2E-06 | no COC-specific HQ >1 |
| 24603 NEPTUNE AVE | 7.0 | 8E-03 | 1E+00 | 3E-06 | |
| 24603 PANAMA AVE | 12 | 1E-02 | 5E-01 | 5E-07 | |
| 24603 RAVENNA AVE | 17 | 2E-02 | 6E-01 | 4E-07 | Thallium > bkgd |
| 24606 MARBELLA AVE | 7.2 | 9E-03 | **4E+00** | 8E-06 | TPHd |
| 24607 MARBELLA AVE | 13 | 2E-02 | 1E-01 | 1E-06 | |
| 24608 NEPTUNE AVE | 25 | 3E-02 | **3E+00** | 3E-06 | TPHd |
| 24608 PANAMA AVE | 91 | 1E-01 | **5E+00** | 8E-07 | TPHd, Thallium > bkgd |
| 24608 RAVENNA AVE | 13 | 2E-02 | **2E+00** | 1E-06 | TPHd |
| 24609 NEPTUNE AVE | 7.8 | 9E-03 | **8E+00** | 9E-06 | TPHd |
| 24609 PANAMA AVE | 16 | 2E-02 | 1E+00 | 1E-06 | |
| 24609 RAVENNA AVE | 6.0 | 7E-03 | 4E-01 | 4E-07 | |
| 24612 MARBELLA AVE | 21 | 3E-02 | **5E+00** | 8E-06 | TPHd |
| 24612 NEPTUNE AVE | 6.5 | 8E-03 | **6E+00** | 5E-06 | TPHd |
| 24612 PANAMA AVE | 20 | 2E-02 | 8E-01 | 4E-07 | |
| 24612 RAVENNA AVE | 28 | 3E-02 | 1E+00 | 5E-07 | |
| 24613 MARBELLA AVE | 9.2 | 1E-02 | 9E-02 | 2E-06 | Arsenic > bkgd |

**Table 15**
**Cumulative Risk and Hazard Results for Soil,**
**Construction and Utility Maintenance Worker**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | |
|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | |
| 24613 NEPTUNE AVE | 8.5 | 1E-02 | **5E+00** | 1E-05 | TPHd |
| 24613 PANAMA AVE | 41 | 5E-02 | **3E+00** | 1E-06 | TPHd |
| 24613 RAVENNA AVE | 6.6 | 8E-03 | **2E+00** | 1E-06 | no COC-specific HQ >1 |
| 24616 MARBELLA AVE | 8.5 | 1E-02 | **1E+01** | **2E-05** | TPHd; no COC-specific risk >1E-05 |
| 24617 MARBELLA AVE | 10 | 1E-02 | 9E-02 | 2E-06 | Thallium > bkgd |
| 24618 NEPTUNE AVE | 11 | 1E-02 | **3E+00** | 3E-06 | TPHd |
| 24618 PANAMA AVE | 19 | 2E-02 | **2E+00** | 9E-07 | TPHd |
| 24618 RAVENNA AVE | 4.3 | 5E-03 | 4E-01 | 7E-07 | |
| 24619 NEPTUNE AVE | 10 | 1E-02 | **6E+00** | 7E-06 | TPHd |
| 24619 PANAMA AVE | 18 | 2E-02 | **2E+00** | 3E-06 | TPHd |
| 24619 RAVENNA AVE | 6.3 | 8E-03 | **2E+00** | 3E-06 | TPHd |
| 24622 MARBELLA AVE | 10 | 1E-02 | **5E+00** | 7E-06 | TPHd, Arsenic > bkgd |
| 24622 NEPTUNE AVE | 13 | 2E-02 | **4E+00** | 4E-06 | TPHd |
| 24623 MARBELLA AVE | 10 | 1E-02 | **5E+00** | 4E-06 | TPHd, TPHg |
| 24623 NEPTUNE AVE | 14 | 2E-02 | **4E+00** | 5E-06 | TPHd |
| 24627 MARBELLA AVE | 10 | 1E-02 | **4E+00** | 5E-06 | TPHd |
| 24628 MARBELLA AVE | 16 | 2E-02 | **5E+00** | 7E-06 | TPHd |
| 24628 NEPTUNE AVE | 10 | 1E-02 | **4E+00** | 2E-06 | TPHd |
| 24629 NEPTUNE AVE | 10 | 1E-02 | **4E+00** | 5E-06 | TPHd |
| 24632 NEPTUNE AVE | 16 | 2E-02 | **3E+00** | 3E-06 | TPHd |
| 24633 MARBELLA AVE | 62 | 8E-02 | 1E+00 | 1E-06 | |
| 24700 MARBELLA AVE | 15 | 2E-02 | **4E+00** | 3E-06 | TPHd |
| 24700 RAVENNA AVE | 16 | 2E-02 | 3E-01 | 4E-07 | |
| 24702 NEPTUNE AVE | 11 | 1E-02 | **4E+00** | 2E-06 | TPHd |
| 24702 PANAMA AVE | 50 | 6E-02 | **4E+00** | 4E-06 | TPHd |
| 24703 MARBELLA AVE | 13 | 2E-02 | 5E-01 | 1E-06 | |
| 24703 NEPTUNE AVE | 10 | 1E-02 | **3E+00** | 1E-06 | TPHd |
| 24703 PANAMA AVE | 19 | 2E-02 | 7E-01 | 1E-06 | |
| 24703 RAVENNA AVE | 8.5 | 1E-02 | **4E+00** | 6E-06 | TPHd |
| 24706 MARBELLA AVE | 9.1 | 1E-02 | **5E+00** | 4E-06 | TPHd |
| 24706 RAVENNA AVE | 26 | 3E-02 | 7E-01 | 3E-09 | |
| 24707 MARBELLA AVE | 12 | 1E-02 | 1E-01 | 1E-06 | |
| 24708 PANAMA AVE | 31 | 4E-02 | 1E+00 | 7E-07 | |
| 24709 NEPTUNE AVE | 11 | 1E-02 | **4E+00** | 1E-06 | TPHd |
| 24709 PANAMA AVE | 26 | 3E-02 | **4E+00** | 1E-06 | TPHd |
| 24709 RAVENNA AVE | 8.2 | 1E-02 | **4E+00** | 4E-06 | TPHd |
| 24710 MARBELLA AVE | 24 | 3E-02 | **5E+00** | **2E-05** | TPHd; no COC-specific risk >1E-05 |
| 24712 NEPTUNE AVE | 8.2 | 1E-02 | **3E+00** | 2E-06 | TPHd |
| 24712 PANAMA AVE | 56 | 7E-02 | **2E+00** | 9E-07 | TPHd |
| 24712 RAVENNA AVE | 28 | 3E-02 | 1E+00 | 4E-07 | |

**Table 15**
**Cumulative Risk and Hazard Results for Soil,**
**Construction and Utility Maintenance Worker**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | |
|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | |
| 24713 MARBELLA AVE | 5.9 | 7E-03 | 1E-01 | 1E-06 | |
| 24713 PANAMA AVE | 48 | 6E-02 | **2E+00** | 1E-06 | TPHd |
| 24713 RAVENNA AVE | 5.8 | 7E-03 | **3E+00** | 1E-06 | TPHd |
| 24715 NEPTUNE AVE | 10 | 1E-02 | **6E+00** | 8E-06 | TPHd |
| 24716 MARBELLA AVE | 13 | 2E-02 | **3E+00** | 3E-06 | TPHd |
| 24716 RAVENNA AVE | 11 | 1E-02 | 1E+00 | 4E-07 | |
| 24717 MARBELLA AVE | 6.4 | 8E-03 | **2E+00** | 2E-06 | TPHd |
| 24718 NEPTUNE AVE | 5.4 | 7E-03 | **4E+00** | 3E-06 | TPHd, Antimony > bkgd |
| 24718 PANAMA AVE | 20 | 2E-02 | 9E-01 | 5E-07 | |
| 24719 NEPTUNE AVE | 27 | 3E-02 | **4E+00** | 3E-06 | TPHd |
| 24719 PANAMA AVE | 41 | 5E-02 | **2E+00** | 5E-07 | TPHd |
| 24719 RAVENNA AVE | 16 | 2E-02 | **4E+00** | 4E-06 | TPHd |
| 24722 MARBELLA AVE | 8.5 | 1E-02 | 5E-01 | 1E-06 | |
| 24722 NEPTUNE AVE | 8.3 | 1E-02 | 1E-02 | 4E-07 | |
| 24722 PANAMA AVE | 12 | 1E-02 | 6E-01 | 5E-07 | |
| 24722 RAVENNA AVE | 30 | 4E-02 | 1E+00 | 7E-07 | |
| 24723 MARBELLA AVE | 8.3 | 1E-02 | 8E-01 | 1E-06 | |
| 24723 RAVENNA AVE | 14 | 2E-02 | 8E-01 | 9E-07 | |
| 24725 NEPTUNE AVE | 23 | 3E-02 | 1E-01 | 3E-07 | |
| 24726 MARBELLA AVE | 10 | 1E-02 | 2E-01 | 1E-06 | |
| 24726 RAVENNA AVE | 7.4 | 9E-03 | 3E-01 | 5E-07 | |
| 24727 MARBELLA AVE | 10 | 1E-02 | **2E+00** | 9E-07 | no COC-specific HQ >1 |
| 24728 NEPTUNE AVE | 6.5 | 8E-03 | 1E+00 | 5E-06 | |
| 24728 PANAMA AVE | 67 | 8E-02 | **8E+00** | 7E-07 | TPHd |
| 24729 NEPTUNE AVE | 33 | 4E-02 | 3E-01 | 5E-07 | |
| 24729 PANAMA AVE | 11 | 1E-02 | 2E-01 | 4E-07 | |
| 24729 RAVENNA AVE | 15 | 2E-02 | 5E-02 | 5E-07 | |
| 24732 MARBELLA AVE | 8.3 | 1E-02 | 1E+00 | 6E-07 | |
| 24732 NEPTUNE AVE | 10 | 1E-02 | **4E+00** | **2E-05** | TPHd, Benzene |
| 24732 PANAMA AVE | 16 | 2E-02 | 2E-01 | 4E-07 | |
| 24732 RAVENNA AVE | 7.4 | 9E-03 | 6E-01 | 5E-07 | |
| 24733 MARBELLA AVE | 8.5 | 1E-02 | 5E-01 | 1E-06 | |
| 24733 PANAMA AVE | 27 | 3E-02 | 4E-01 | 5E-07 | |
| 24733 RAVENNA AVE | 8.7 | 1E-02 | 3E-01 | 6E-07 | Thallium > bkgd |
| 24735 NEPTUNE AVE | 11 | 1E-02 | 9E-01 | 6E-07 | |
| 24736 MARBELLA AVE | 11 | 1E-02 | 1E-01 | 1E-06 | |
| 24736 RAVENNA AVE | 6.2 | 8E-03 | **3E+00** | 2E-06 | TPHd |
| 24737 MARBELLA AVE | 15 | 2E-02 | **3E+00** | 1E-06 | TPHd |
| 24738 NEPTUNE AVE | 20 | 2E-02 | **7E+00** | **2E-05** | TPHd, TPHg, Benzene |
| 24738 PANAMA AVE | 37 | 4E-02 | 1E+00 | 4E-07 | |

**Table 15**
**Cumulative Risk and Hazard Results for Soil,**
**Construction and Utility Maintenance Worker**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | |
|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | |
| 24739 NEPTUNE AVE | 13 | 2E-02 | 8E-01 | 4E-07 | |
| 24739 PANAMA AVE | 11 | 1E-02 | **4E+00** | 3E-06 | TPHd |
| 24739 RAVENNA AVE | 8.9 | 1E-02 | **9E+00** | **2E-05** | TPHd, TPHg, Benzene |
| 24740 MARBELLA AVE | 13 | 2E-02 | 9E-01 | 5E-07 | |
| 24741 MARBELLA AVE | 13 | 2E-02 | 2E-01 | 5E-07 | |
| 24743 RAVENNA AVE | 10 | 1E-02 | **5E+00** | 6E-06 | TPHd |
| 24744 MARBELLA AVE | 10 | 1E-02 | **2E+00** | 5E-07 | TPHd |
| 24748 RAVENNA AVE | 8.0 | 1E-02 | **3E+00** | 3E-06 | TPHd |
| 24749 RAVENNA AVE | 32 | 4E-02 | **4E+00** | 2E-06 | TPHd |
| 24752 RAVENNA AVE | 39 | 5E-02 | **3E+00** | 2E-06 | TPHd |
| 24802 PANAMA AVE | 27 | 3E-02 | 1E+00 | 4E-07 | |
| 24803 NEPTUNE AVE | 14 | 2E-02 | 7E-01 | 4E-07 | |
| 24803 PANAMA AVE | 5.2 | 6E-03 | **2E+00** | 5E-06 | no COC-specific HQ >1 |
| 24808 PANAMA AVE | 13 | 2E-02 | 2E-01 | 2E-06 | |
| 24809 NEPTUNE AVE | 14 | 2E-02 | 1E+00 | 6E-07 | |
| 24809 PANAMA AVE | 8.2 | 1E-02 | **3E+00** | 5E-06 | TPHd |
| 24812 PANAMA AVE | 11 | 1E-02 | 3E-01 | 4E-07 | |
| 24813 PANAMA AVE | 23 | 3E-02 | **3E+00** | 5E-06 | TPHd |
| 24815 NEPTUNE AVE | 19 | 2E-02 | 9E-01 | 5E-07 | |
| 24818 PANAMA AVE | 24 | 3E-02 | **4E+00** | 2E-06 | TPHd |
| 24819 PANAMA AVE | 52 | 6E-02 | **2E+00** | 3E-06 | TPHd |
| 24822 PANAMA AVE | 20 | 2E-02 | **4E+00** | 7E-07 | TPHd |
| 24823 PANAMA AVE | 8.0 | 1E-02 | **3E+00** | 1E-06 | TPHd |
| 24825 NEPTUNE AVE | 12 | 1E-02 | 5E-02 | 3E-07 | |
| 24828 PANAMA AVE | 39 | 5E-02 | **8E+00** | 4E-09 | TPHd |
| 24829 PANAMA AVE | 8.7 | 1E-02 | 7E-01 | 8E-06 | |
| 24832 PANAMA AVE | 13 | 2E-02 | 4E-01 | 4E-07 | |
| 24833 PANAMA AVE | 10 | 1E-02 | 1E+00 | 1E-06 | |
| 24838 PANAMA AVE | 26 | 3E-02 | **2E+00** | 5E-07 | TPHd |
| 24904 NEPTUNE AVE | 17 | 2E-02 | 6E-01 | 6E-07 | |
| 24912 NEPTUNE AVE | 18 | 2E-02 | 2E-01 | 4E-07 | |
| 301 244TH ST | 13 | 2E-02 | 1E-01 | 2E-06 | |
| 305 244TH ST | 31 | 4E-02 | **7E+00** | 1E-06 | TPHd |
| 311 244TH ST | 67 | 8E-02 | **1E+01** | 4E-06 | TPHd |
| 317 244TH ST | 42 | 5E-02 | **7E+00** | 1E-06 | TPHd |
| 321 244TH ST | 13 | 2E-02 | 1E-01 | 1E-06 | Arsenic > bkgd |
| 327 244TH ST | 9.4 | 1E-02 | 1E-01 | 2E-06 | |
| 331 244TH ST | 8.8 | 1E-02 | 1E-01 | 2E-06 | Arsenic > bkgd |
| 337 244TH ST | 8.3 | 1E-02 | 3E-01 | 1E-06 | |
| 341 244TH ST | 10 | 1E-02 | 8E-02 | 2E-06 | |

**Table 15**
**Cumulative Risk and Hazard Results for Soil,**
**Construction and Utility Maintenance Worker**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | |
|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | |
| | Lead | | Other COCs | | Risk and/or Hazard Drivers |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | |
| 344 249TH ST | 21 | 3E-02 | 4E-01 | 6E-09 | |
| 345 249TH ST | 19 | 2E-02 | **2E+00** | 5E-07 | TPHd |
| 347 244TH ST | 15 | 2E-02 | 9E-02 | 2E-06 | |
| 348 248TH ST | 11 | 1E-02 | **5E+00** | 6E-06 | TPHd |
| 348 249TH ST | 29 | 3E-02 | 5E-01 | 7E-07 | |
| 351 244TH ST | 30 | 4E-02 | 7E-01 | 1E-06 | |
| 352 249TH ST | 17 | 2E-02 | 6E-01 | 3E-07 | |
| 353 249TH ST | 8.5 | 1E-02 | 1E+00 | 3E-06 | |
| 354 248TH ST | 17 | 2E-02 | **5E+00** | 4E-06 | TPHd |
| 357 244TH ST | 8.6 | 1E-02 | 7E-02 | 2E-06 | |
| 357 249TH ST | 8.7 | 1E-02 | **2E+00** | 2E-06 | TPHd |
| 358 249TH ST | 9.3 | 1E-02 | 1E+00 | 9E-07 | |
| 360 248TH ST | 7.5 | 9E-03 | **2E+00** | 8E-07 | no COC-specific HQ >1 |
| 361 244TH ST | 9.2 | 1E-02 | 8E-02 | 2E-06 | |
| 362 249TH ST | 16 | 2E-02 | 3E-01 | 7E-07 | |
| 363 249TH ST | 35 | 4E-02 | **4E+00** | 2E-06 | TPHd |
| 364 248TH ST | 25 | 3E-02 | **2E+00** | 9E-07 | TPHd |
| 367 244TH ST | 70 | 9E-02 | **2E+00** | 7E-10 | TPHd |
| 367 249TH ST | 20 | 2E-02 | 1E+00 | 5E-07 | |
| 368 249TH ST | 24 | 3E-02 | **2E+00** | 2E-06 | TPHd |
| 373 249TH ST | 17 | 2E-02 | 1E+00 | 4E-07 | |
| 374 248TH ST | 27 | 3E-02 | **3E+00** | 6E-07 | TPHd |
| 374 249TH ST | 17 | 2E-02 | **3E+00** | 5E-06 | TPHd |
| 377 244TH ST | 11 | 1E-02 | 1E-01 | 2E-06 | |
| 377 249TH ST | 8.0 | 1E-02 | **3E+00** | 9E-07 | TPHd |
| 378 249TH ST | 10 | 1E-02 | **2E+00** | 9E-07 | no COC-specific HQ >1 |
| 383 249TH ST | 11 | 1E-02 | 1E+00 | 3E-07 | |
| 402 249TH ST | 9.0 | 1E-02 | 1E+00 | 3E-07 | |
| 408 249TH ST | 36 | 4E-02 | 5E-02 | 6E-07 | |
| 412 249TH ST | 40 | 5E-02 | **2E+00** | 4E-07 | TPHd |
| Streets | 40 | 5E-02 | **6E+00** | **2E-05** | TPHd; no COC-specific risk >1E-05 |

Notes:
ft bgs = feet below ground surface; COC = constituent of concern
95UCL = 95% upper confidence limit; HQ = noncancer hazard quotient; bkgd = background
TPHd = Total Petroleum Hydrocarbons- diesel range; TPHg = gasoline range
Lead Hazard = 95UCL of Lead ÷ SSCG of 820 mg/kg for a construction and utility maintenance worker
**Bold** + Shaded if cumulative noncancer hazard >1 or cumulative cancer risk >1E-05

**Table 16**
**Cumulative Risk and Hazard Results, Sub-Slab Soil Vapor**
**Onsite Resident - Indoor Air Inhalation**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | With THMs | | | Without THMs | | |
| | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers |
| 24401 MARBELLA AVE | 1E-02 | 1E-06 | | 1E-02 | 1E-06 | |
| 24402 NEPTUNE AVE | 1E-02 | 2E-07 | | 1E-02 | 2E-07 | |
| 24402 PANAMA AVE | 7E-03 | 3E-07 | | 7E-03 | 3E-07 | |
| 24402 RAVENNA AVE | 6E-03 | 1E-06 | | 1E-03 | 3E-08 | |
| 24403 NEPTUNE AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24403 RAVENNA AVE | 4E-03 | 3E-07 | | 4E-03 | 3E-07 | |
| 24405 MARBELLA AVE | 1E-02 | 9E-07 | | 1E-02 | 9E-07 | |
| 24406 MARBELLA AVE | 2E-03 | 3E-07 | | 2E-03 | 3E-07 | |
| 24406 NEPTUNE AVE | 6E-02 | **6E-06** | Carbon Tetrachloride, Naphthalene | 6E-02 | **5E-06** | Carbon Tetrachloride, Naphthalene |
| 24406 PANAMA AVE | 7E-02 | 5E-07 | | 7E-02 | 5E-07 | |
| 24406 RAVENNA AVE | 8E-04 | 3E-08 | | 8E-04 | 3E-08 | |
| 24409 NEPTUNE AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24409 RAVENNA AVE | 1E-03 | 3E-07 | | 1E-03 | 3E-07 | |
| 24410 PANAMA AVE | 3E-03 | 6E-08 | | 3E-03 | 4E-08 | |
| 24411 MARBELLA AVE | 6E-02 | 1E-06 | | 6E-02 | 1E-06 | |
| 24411 PANAMA AVE | 3E-02 | 1E-06 | | 3E-02 | 1E-06 | |
| 24412 MARBELLA AVE | 7E-01 | **4E-06** | TCE | 7E-01 | **4E-06** | TCE |
| 24412 RAVENNA AVE | 6E-04 | 2E-07 | | 6E-04 | 2E-07 | |
| 24413 NEPTUNE AVE | 5E-03 | 3E-07 | | 5E-03 | 3E-07 | |
| 24413 RAVENNA AVE | 5E-03 | 3E-07 | | 5E-03 | 3E-07 | |
| 24416 MARBELLA AVE | 1E-03 | 1E-07 | | 1E-03 | 4E-08 | |
| 24416 NEPTUNE AVE | 2E-03 | 1E-07 | | 1E-03 | 6E-08 | |
| 24416 PANAMA AVE | 1E-02 | 9E-07 | | 1E-02 | 9E-07 | |
| 24416 RAVENNA AVE | 2E-02 | **5E-06** | Benzene | 2E-02 | **5E-06** | Benzene |
| 24417 MARBELLA AVE | 3E-03 | 2E-07 | | 3E-03 | 2E-07 | |
| 24417 PANAMA AVE | 2E-03 | 8E-08 | | 2E-03 | 8E-08 | |
| 24419 NEPTUNE AVE | 3E-02 | **6E-06** | Chloroform | 6E-04 | 2E-07 | |
| 24419 RAVENNA AVE | 2E-03 | 2E-07 | | 1E-03 | 1E-07 | |

**Table 16**
**Cumulative Risk and Hazard Results, Sub-Slab Soil Vapor**
**Onsite Resident - Indoor Air Inhalation**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | With THMs | | | Without THMs | | |
| | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers |
| 24420 PANAMA AVE | 2E-03 | 7E-08 | | 2E-03 | 7E-08 | |
| 24421 PANAMA AVE | 4E-03 | 8E-08 | | 4E-03 | 8E-08 | |
| 24422 MARBELLA AVE | 3E-03 | 3E-07 | | 3E-03 | 1E-07 | |
| 24422 NEPTUNE AVE | 2E-02 | 5E-07 | | 2E-02 | 3E-07 | |
| 24422 RAVENNA AVE | 1E-03 | 6E-08 | | 1E-03 | 6E-08 | |
| 24423 MARBELLA AVE | 1E-02 | 1E-06 | | 1E-02 | 1E-06 | |
| 24423 NEPTUNE AVE | 5E-02 | **7E-06** | Chloroform; Vinyl chloride | 3E-02 | **3E-06** | Vinyl chloride |
| 24423 RAVENNA AVE | 6E-03 | 7E-07 | | 4E-03 | 3E-07 | |
| 24426 MARBELLA AVE | 1E-02 | 5E-07 | | 1E-02 | 5E-07 | |
| 24426 NEPTUNE AVE | 6E-03 | 7E-07 | | 6E-03 | 7E-07 | |
| 24426 PANAMA AVE | 1E-03 | 6E-08 | | 1E-03 | 6E-08 | |
| 24426 RAVENNA AVE | 3E-02 | 7E-07 | | 3E-02 | 7E-07 | |
| 24427 MARBELLA AVE | 2E-03 | 1E-07 | | 2E-03 | 1E-07 | |
| 24427 PANAMA AVE | 2E-03 | 3E-07 | | 9E-04 | 2E-07 | |
| 24429 NEPTUNE AVE | 3E-02 | **2E-06** | PCE | 3E-02 | **2E-06** | PCE |
| 24429 RAVENNA AVE | 1E-03 | 1E-07 | | 1E-03 | 5E-08 | |
| 24430 PANAMA AVE | 9E-03 | 6E-07 | | 9E-03 | 6E-07 | |
| 24431 PANAMA AVE | 5E-03 | 1E-07 | | 5E-03 | 1E-07 | |
| 24432 MARBELLA AVE | 5E-03 | 4E-07 | | 5E-03 | 4E-07 | |
| 24433 MARBELLA AVE | 1E-01 | **2E-06** | no COC-specific risk >1E-06 | 1E-01 | **2E-06** | no COC-specific risk >1E-06 |
| 24436 PANAMA AVE | 3E-03 | 4E-07 | | 3E-03 | 3E-07 | |
| 24502 MARBELLA AVE | 7E-03 | 9E-07 | | 5E-03 | 1E-07 | |
| 24502 NEPTUNE AVE | 2E-02 | **4E-06** | Chloroform | 9E-03 | 3E-07 | |
| 24502 PANAMA AVE | 1E-02 | 5E-07 | | 1E-02 | 5E-07 | |
| 24502 RAVENNA AVE | 4E-03 | 4E-07 | | 4E-03 | 4E-07 | |
| 24503 MARBELLA AVE | 2E-02 | 1E-06 | | 2E-02 | 1E-06 | |
| 24503 NEPTUNE AVE | 2E-02 | **5E-06** | Chloroform | 3E-03 | 2E-07 | |
| 24503 PANAMA AVE | 6E-03 | 6E-07 | | 5E-03 | 5E-07 | |

**Table 16**
**Cumulative Risk and Hazard Results, Sub-Slab Soil Vapor**
**Onsite Resident - Indoor Air Inhalation**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | With THMs | | | Without THMs | | |
| | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers |
| 24503 RAVENNA AVE | 2E-03 | 2E-07 | | 1E-03 | 1E-07 | |
| 24506 MARBELLA AVE | 6E-02 | **3E-06** | Benzene | 6E-02 | **3E-06** | Benzene |
| 24507 MARBELLA AVE | 2E-03 | 1E-07 | | 2E-03 | 1E-07 | |
| 24508 NEPTUNE AVE | 8E-03 | 1E-07 | | 8E-03 | 1E-07 | |
| 24508 PANAMA AVE | **2E+00** | **5E-06** | Naphthalene | **2E+00** | **5E-06** | Naphthalene |
| 24508 RAVENNA AVE | 1E-03 | 7E-08 | | 1E-03 | 6E-08 | |
| 24509 NEPTUNE AVE | 2E-03 | 2E-07 | | 2E-03 | 2E-07 | |
| 24509 PANAMA AVE | 2E-03 | 1E-07 | | 2E-03 | 1E-07 | |
| 24509 RAVENNA AVE | 4E-03 | 3E-07 | | 4E-03 | 2E-07 | |
| 24512 MARBELLA AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24512 NEPTUNE AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24512 PANAMA AVE | 3E-03 | 2E-07 | | 2E-03 | 8E-08 | |
| 24512 RAVENNA AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24513 NEPTUNE AVE | 6E-03 | 3E-07 | | 6E-03 | 3E-07 | |
| 24513 PANAMA AVE | 8E-03 | 2E-07 | | 8E-03 | 2E-07 | |
| 24513 RAVENNA AVE | 1E-02 | **2E-06** | no COC-specific risk >1E-06 | 1E-02 | **2E-06** | no COC-specific risk >1E-06 |
| 24516 MARBELLA AVE | 1E-02 | 6E-07 | | 1E-02 | 6E-07 | |
| 24517 MARBELLA AVE | 1E-02 | 6E-07 | | 1E-02 | 6E-07 | |
| 24518 NEPTUNE AVE | 2E-02 | **5E-06** | Chloroform | 4E-03 | 6E-07 | |
| 24518 PANAMA AVE | 5E-03 | 1E-07 | | 5E-03 | 1E-07 | |
| 24518 RAVENNA AVE | 7E-03 | 4E-07 | | 7E-03 | 4E-07 | |
| 24519 NEPTUNE AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24519 PANAMA AVE | 3E-03 | 2E-07 | | 3E-03 | 1E-07 | |
| 24522 MARBELLA AVE | 7E-03 | 7E-07 | | 7E-03 | 7E-07 | |
| 24522 NEPTUNE AVE | 5E-03 | 6E-08 | | 5E-03 | 6E-08 | |
| 24522 PANAMA AVE | 2E-03 | 2E-07 | | 1E-03 | 5E-08 | |
| 24522 RAVENNA AVE | 2E-03 | 1E-06 | | 9E-04 | 4E-08 | |
| 24523 MARBELLA AVE | 1E-02 | 1E-06 | | 1E-02 | 1E-06 | |

**Table 16**
**Cumulative Risk and Hazard Results, Sub-Slab Soil Vapor**
**Onsite Resident - Indoor Air Inhalation**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | With THMs | | | Without THMs | | |
| | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers |
| 24523 NEPTUNE AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24523 RAVENNA AVE | 5E-02 | **4E-06** | Chloroform | 3E-02 | 1E-06 | |
| 24526 MARBELLA AVE | 2E-03 | 2E-07 | | 2E-03 | 2E-07 | |
| 24528 NEPTUNE AVE | 7E-03 | 4E-07 | | 7E-03 | 3E-07 | |
| 24528 PANAMA AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24529 NEPTUNE AVE | 1E-02 | 1E-06 | | 1E-02 | 8E-07 | |
| 24529 PANAMA AVE | 1E-03 | 5E-08 | | 1E-03 | 5E-08 | |
| 24529 RAVENNA AVE | 4E-03 | 2E-07 | | 3E-03 | 2E-07 | |
| 24532 MARBELLA AVE | 2E-03 | 4E-07 | | 2E-03 | 3E-07 | |
| 24532 NEPTUNE AVE | 1E-02 | 8E-07 | | 1E-02 | 8E-07 | |
| 24532 PANAMA AVE | 5E-03 | 4E-07 | | 4E-03 | 2E-07 | |
| 24532 RAVENNA AVE | 2E-03 | 2E-07 | | 2E-03 | 2E-07 | |
| 24533 MARBELLA AVE | 2E-03 | 1E-07 | | 2E-03 | 1E-07 | |
| 24533 NEPTUNE AVE | 3E-03 | 4E-07 | | 9E-04 | 4E-08 | |
| 24533 PANAMA AVE | 2E-03 | 8E-08 | | 2E-03 | 8E-08 | |
| 24533 RAVENNA AVE | 5E-03 | 2E-07 | | 5E-03 | 2E-07 | |
| 24602 MARBELLA AVE | 1E-03 | 2E-07 | | 1E-03 | 1E-07 | |
| 24602 NEPTUNE AVE | 2E-03 | 1E-06 | | 2E-03 | 1E-06 | |
| 24602 PANAMA AVE | 4E-03 | 2E-07 | | 4E-03 | 2E-07 | |
| 24602 RAVENNA AVE | 4E-03 | 2E-07 | | 4E-03 | 2E-07 | |
| 24603 MARBELLA AVE | 1E+00 | **1E-04** | Benzene, Ethylbenzene | 1E+00 | **1E-04** | Benzene, Ethylbenzene |
| 24603 NEPTUNE AVE | 1E-03 | 6E-08 | | 1E-03 | 6E-08 | |
| 24603 PANAMA AVE | 3E-02 | 4E-07 | | 3E-02 | 3E-07 | |
| 24603 RAVENNA AVE | 6E-03 | 1E-07 | | 6E-03 | 1E-07 | |
| 24606 MARBELLA AVE | 5E-03 | 2E-07 | | 5E-03 | 2E-07 | |
| 24607 MARBELLA AVE | 5E-03 | 6E-07 | | 5E-03 | 5E-07 | |
| 24608 NEPTUNE AVE | 7E-03 | **2E-06** | no COC-specific risk >1E-06 | 6E-03 | 1E-06 | |
| 24608 PANAMA AVE | 4E-02 | **6E-06** | Chloroform | 2E-02 | 1E-06 | |

**Table 16**
**Cumulative Risk and Hazard Results, Sub-Slab Soil Vapor**
**Onsite Resident - Indoor Air Inhalation**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | With THMs | | | Without THMs | | |
| | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers |
| 24608 RAVENNA AVE | 4E-03 | 7E-07 | | 4E-03 | 7E-07 | |
| 24609 NEPTUNE AVE | 2E-03 | 9E-07 | | 2E-03 | 9E-07 | |
| 24609 PANAMA AVE | 3E-02 | **5E-06** | Carbon Tetrachloride | 3E-02 | **5E-06** | Carbon Tetrachloride |
| 24609 RAVENNA AVE | 2E-03 | 6E-08 | | 2E-03 | 6E-08 | |
| 24612 MARBELLA AVE | 1E-03 | 6E-07 | | 2E-05 | -- | |
| 24612 NEPTUNE AVE | 1E-03 | 9E-08 | | 1E-03 | 6E-08 | |
| 24612 PANAMA AVE | 2E-03 | 1E-07 | | 1E-03 | 6E-08 | |
| 24612 RAVENNA AVE | 4E-03 | 2E-07 | | 4E-03 | 2E-07 | |
| 24613 MARBELLA AVE | 1E-02 | 7E-07 | | 1E-02 | 7E-07 | |
| 24613 NEPTUNE AVE | 2E-03 | 7E-07 | | 2E-03 | 7E-07 | |
| 24613 PANAMA AVE | 2E-02 | **2E-06** | no COC-specific risk >1E-06 | 2E-02 | **2E-06** | no COC-specific risk >1E-06 |
| 24613 RAVENNA AVE | 1E-02 | 4E-07 | | 1E-02 | 4E-07 | |
| 24616 MARBELLA AVE | 9E-02 | **2E-05** | BDCM, DBCM | 7E-02 | 8E-07 | |
| 24617 MARBELLA AVE | 5E-03 | 3E-07 | | 5E-03 | 3E-07 | |
| 24618 NEPTUNE AVE | 3E-03 | 3E-07 | | 2E-03 | 2E-07 | |
| 24618 PANAMA AVE | 2E-03 | 3E-07 | | 1E-03 | 6E-08 | |
| 24618 RAVENNA AVE | 7E-03 | 1E-06 | | 4E-03 | 2E-07 | |
| 24619 NEPTUNE AVE | 5E-04 | 2E-08 | | 5E-04 | 2E-08 | |
| 24619 PANAMA AVE | 1E-02 | 6E-07 | | 1E-02 | 6E-07 | |
| 24619 RAVENNA AVE | 3E-03 | 2E-07 | | 3E-03 | 2E-07 | |
| 24622 MARBELLA AVE | 4E-04 | 7E-08 | | 2E-04 | 2E-08 | |
| 24622 NEPTUNE AVE | 7E-03 | 6E-07 | | 6E-03 | 5E-07 | |
| 24623 MARBELLA AVE | 9E-03 | **3E-06** | Benzene | 9E-03 | **3E-06** | Benzene |
| 24623 NEPTUNE AVE | 4E-03 | 2E-07 | | 4E-03 | 2E-07 | |
| 24627 MARBELLA AVE | 5E-03 | 2E-07 | | 5E-03 | 2E-07 | |
| 24628 MARBELLA AVE | 1E-03 | 5E-08 | | 1E-03 | 5E-08 | |
| 24628 NEPTUNE AVE | 3E-02 | **7E-06** | BDCM, Chloroform | 6E-03 | 9E-08 | |
| 24629 NEPTUNE AVE | 2E-02 | **6E-06** | Benzene | 2E-02 | **6E-06** | Benzene |

**Table 16**
**Cumulative Risk and Hazard Results, Sub-Slab Soil Vapor**
**Onsite Resident - Indoor Air Inhalation**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | With THMs | | | Without THMs | | |
| | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers |
| 24632 NEPTUNE AVE | 1E-02 | 8E-07 | | 1E-02 | 6E-07 | |
| 24633 MARBELLA AVE | 5E-03 | 2E-07 | | 5E-03 | 2E-07 | |
| 24700 MARBELLA AVE | 1E-02 | 9E-07 | | 1E-02 | 8E-07 | |
| 24700 RAVENNA AVE | 4E-03 | 5E-07 | | 3E-03 | 2E-07 | |
| 24702 NEPTUNE AVE | 2E-05 | -- | | 2E-05 | -- | |
| 24702 PANAMA AVE | 9E-04 | 1E-07 | | 9E-04 | 1E-07 | |
| 24703 MARBELLA AVE | 4E-03 | 7E-07 | | 4E-03 | 7E-07 | |
| 24703 NEPTUNE AVE | 4E-02 | 5E-07 | | 4E-02 | 5E-07 | |
| 24703 PANAMA AVE | 6E-03 | 2E-07 | | 5E-03 | 2E-07 | |
| 24703 RAVENNA AVE | 3E-03 | 2E-07 | | 3E-03 | 2E-07 | |
| 24706 MARBELLA AVE | 4E-02 | 1E-06 | | 3E-02 | 5E-07 | |
| 24706 RAVENNA AVE | 7E-03 | 1E-06 | | 5E-03 | 6E-07 | |
| 24707 MARBELLA AVE | 5E-03 | 4E-07 | | 5E-03 | 4E-07 | |
| 24708 PANAMA AVE | 3E-03 | 1E-06 | | 3E-03 | 1E-06 | |
| 24709 NEPTUNE AVE | 1E-01 | **5E-06** | Naphthalene | 1E-01 | **5E-06** | Naphthalene |
| 24709 PANAMA AVE | 2E-02 | 9E-07 | | 2E-02 | 7E-07 | |
| 24709 RAVENNA AVE | 3E-02 | 7E-07 | | 3E-02 | 7E-07 | |
| 24710 MARBELLA AVE | 4E-02 | 5E-07 | | 4E-02 | 3E-07 | |
| 24712 NEPTUNE AVE | 9E-02 | **6E-06** | Chloroform, Naphthalene | 8E-02 | **2E-06** | Naphthalene |
| 24712 PANAMA AVE | 6E-04 | 2E-08 | | 6E-04 | 2E-08 | |
| 24712 RAVENNA AVE | 4E-03 | 2E-07 | | 4E-03 | 2E-07 | |
| 24713 MARBELLA AVE | 1E-03 | 6E-08 | | 1E-03 | 6E-08 | |
| 24713 PANAMA AVE | 2E-02 | **3E-06** | no COC-specific risk >1E-06 | 2E-02 | 1E-06 | |
| 24713 RAVENNA AVE | 9E-03 | **2E-06** | Chloroform | 8E-04 | 4E-08 | |
| 24715 NEPTUNE AVE | 6E-03 | 2E-07 | | 6E-03 | 2E-07 | |
| 24716 MARBELLA AVE | 4E-02 | **4E-06** | Chloroform | 3E-02 | 5E-07 | |
| 24716 RAVENNA AVE | 2E-03 | 3E-07 | | 1E-03 | 4E-08 | |
| 24717 MARBELLA AVE | 5E-03 | 5E-07 | | 4E-03 | 4E-07 | |

**Table 16**
**Cumulative Risk and Hazard Results, Sub-Slab Soil Vapor**
**Onsite Resident - Indoor Air Inhalation**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | With THMs | | | Without THMs | | |
| | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers |
| 24718 NEPTUNE AVE | 5E-03 | 4E-07 | | 5E-03 | 4E-07 | |
| 24718 PANAMA AVE | 3E-02 | **3E-06** | no COC-specific risk >1E-06 | 3E-02 | 1E-06 | |
| 24719 NEPTUNE AVE | 2E-02 | **5E-06** | Chloroform | 5E-03 | 1E-06 | |
| 24719 PANAMA AVE | 3E-03 | 2E-07 | | 2E-03 | 9E-08 | |
| 24719 RAVENNA AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24722 MARBELLA AVE | 2E-03 | 3E-07 | | 2E-03 | 3E-07 | |
| 24722 NEPTUNE AVE | 2E-02 | **6E-06** | Benzene | 2E-02 | **6E-06** | Benzene |
| 24722 PANAMA AVE | 2E-02 | **3E-06** | no COC-specific risk >1E-06 | 1E-02 | 7E-07 | |
| 24722 RAVENNA AVE | 2E-03 | 9E-08 | | 2E-03 | 6E-08 | |
| 24723 MARBELLA AVE | 2E-02 | **3E-06** | PCE | 2E-02 | **3E-06** | PCE |
| 24723 RAVENNA AVE | 3E-03 | 1E-06 | | 7E-04 | 3E-08 | |
| 24725 NEPTUNE AVE | 9E-03 | 8E-07 | | 7E-03 | 3E-07 | |
| 24726 MARBELLA AVE | 4E-03 | 6E-07 | | 3E-03 | 3E-07 | |
| 24726 RAVENNA AVE | 2E-03 | 1E-07 | | 1E-03 | 6E-08 | |
| 24727 MARBELLA AVE | 5E-04 | 2E-07 | | 5E-04 | 2E-07 | |
| 24728 NEPTUNE AVE | 2E-02 | 1E-06 | | 2E-02 | 1E-06 | |
| 24728 PANAMA AVE | 7E-03 | 1E-07 | | 7E-03 | 1E-07 | |
| 24729 NEPTUNE AVE | 8E-03 | **2E-06** | no COC-specific risk >1E-06 | 6E-03 | 4E-07 | |
| 24729 PANAMA AVE | 7E-04 | 3E-08 | | 7E-04 | 3E-08 | |
| 24729 RAVENNA AVE | 1E-03 | 2E-07 | | 1E-03 | 2E-07 | |
| 24732 MARBELLA AVE | 3E-03 | 1E-07 | | 2E-03 | 1E-07 | |
| 24732 NEPTUNE AVE | 3E-03 | 2E-07 | | 2E-03 | 1E-07 | |
| 24732 PANAMA AVE | 2E-02 | 8E-07 | | 2E-02 | 8E-07 | |
| 24732 RAVENNA AVE | 3E-02 | 1E-06 | | 2E-02 | 2E-07 | |
| 24733 MARBELLA AVE | 6E-03 | 6E-07 | | 6E-03 | 6E-07 | |
| 24733 PANAMA AVE | 2E-02 | **2E-06** | no COC-specific risk >1E-06 | 1E-02 | 9E-07 | |
| 24733 RAVENNA AVE | 2E-03 | 2E-07 | | 2E-03 | 1E-07 | |
| 24735 NEPTUNE AVE | 2E-03 | 1E-07 | | 1E-03 | 5E-08 | |

**Table 16**
**Cumulative Risk and Hazard Results, Sub-Slab Soil Vapor**
**Onsite Resident - Indoor Air Inhalation**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | With THMs | | | Without THMs | | |
| | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers |
| 24736 RAVENNA AVE | 7E-02 | 1E-06 | | 6E-02 | 2E-07 | |
| 24737 MARBELLA AVE | 9E-03 | 6E-07 | | 9E-03 | 6E-07 | |
| 24738 NEPTUNE AVE | 5E-02 | **2E-06** | no COC-specific risk >1E-06 | 5E-02 | **2E-06** | no COC-specific risk >1E-06 |
| 24738 PANAMA AVE | 1E-02 | 1E-06 | | 1E-02 | 1E-06 | |
| 24739 NEPTUNE AVE | 1E-02 | 3E-07 | | 1E-02 | 2E-07 | |
| 24739 PANAMA AVE | 3E-03 | 5E-08 | | 3E-03 | 5E-08 | |
| 24739 RAVENNA AVE | 2E-02 | 2E-07 | | 2E-02 | 2E-07 | |
| 24740 MARBELLA AVE | 3E-03 | 5E-07 | | 3E-03 | 5E-07 | |
| 24741 MARBELLA AVE | 2E-01 | **6E-06** | PCE | 2E-01 | **6E-06** | PCE |
| 24743 RAVENNA AVE | 4E-03 | 2E-07 | | 3E-03 | 1E-07 | |
| 24744 MARBELLA AVE | 7E-02 | **2E-06** | no COC-specific risk >1E-06 | 7E-02 | **2E-06** | no COC-specific risk >1E-06 |
| 24748 RAVENNA AVE | 8E-03 | **2E-06** | no COC-specific risk >1E-06 | 4E-03 | 6E-07 | |
| 24749 RAVENNA AVE | 2E-01 | **3E-05** | Benzene | 1E-01 | **3E-05** | Benzene |
| 24752 RAVENNA AVE | 2E-04 | 3E-08 | | 2E-05 | -- | |
| 24802 PANAMA AVE | 3E-03 | 5E-07 | | 3E-03 | 5E-07 | |
| 24803 NEPTUNE AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24803 PANAMA AVE | 4E-03 | 9E-07 | | 4E-03 | 8E-07 | |
| 24808 PANAMA AVE | 2E-03 | 1E-07 | | 1E-03 | 6E-08 | |
| 24809 NEPTUNE AVE | 4E-02 | 2E-07 | | 4E-02 | 2E-07 | |
| 24809 PANAMA AVE | 4E-03 | 6E-07 | | 3E-03 | 5E-07 | |
| 24812 PANAMA AVE | 1E-03 | 9E-08 | | 1E-03 | 5E-08 | |
| 24813 PANAMA AVE | 3E-02 | **7E-06** | BDCM, Chloroform | 4E-03 | 4E-07 | |
| 24815 NEPTUNE AVE | 4E-03 | 3E-07 | | 4E-03 | 3E-07 | |
| 24818 PANAMA AVE | 3E-03 | 2E-07 | | 3E-03 | 1E-07 | |
| 24819 PANAMA AVE | 1E-02 | 5E-07 | | 1E-02 | 5E-07 | |
| 24822 PANAMA AVE | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |
| 24823 PANAMA AVE | 5E-04 | 2E-07 | | 5E-04 | 2E-07 | |
| 24825 NEPTUNE AVE | 2E-02 | **2E-06** | no COC-specific risk >1E-06 | 1E-02 | 5E-07 | |

**Table 16**
**Cumulative Risk and Hazard Results, Sub-Slab Soil Vapor**
**Onsite Resident - Indoor Air Inhalation**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | With THMs | | | Without THMs | | |
| | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers |
| 24828 PANAMA AVE | 4E-03 | 2E-07 | | 4E-03 | 2E-07 | |
| 24829 PANAMA AVE | 2E-02 | **2E-06** | no COC-specific risk >1E-06 | 1E-02 | 1E-06 | |
| 24832 PANAMA AVE | 2E-03 | 8E-08 | | 2E-03 | 8E-08 | |
| 24833 PANAMA AVE | 6E-02 | 1E-06 | | 6E-02 | 1E-06 | |
| 24838 PANAMA AVE | 1E-02 | **2E-06** | no COC-specific risk >1E-06 | 1E-02 | 9E-07 | |
| 24904 NEPTUNE AVE | 4E-03 | 4E-07 | | 4E-03 | 4E-07 | |
| 24912 NEPTUNE AVE | 6E-02 | 1E-06 | | 6E-02 | 1E-06 | |
| 301 244TH ST | 9E-03 | 1E-06 | | 9E-03 | 1E-06 | |
| 305 244TH ST | 4E-03 | 3E-07 | | 4E-03 | 3E-07 | |
| 311 244TH ST | 2E-03 | 2E-07 | | 2E-03 | 9E-08 | |
| 317 244TH ST | 2E-01 | **7E-05** | BDCM, Chloroform, Carbon Tetrachloride | 1E-02 | **2E-05** | Carbon Tetrachloride |
| 321 244TH ST | 5E-03 | 2E-07 | | 5E-03 | 2E-07 | |
| 327 244TH ST | 1E-03 | 1E-07 | | 7E-04 | 3E-08 | |
| 331 244TH ST | 4E-03 | 6E-07 | | 4E-03 | 6E-07 | |
| 337 244TH ST | 1E-03 | 9E-08 | | 1E-03 | 6E-08 | |
| 341 244TH ST | 4E-03 | 2E-07 | | 4E-03 | 2E-07 | |
| 344 249TH ST | 8E-03 | 1E-06 | | 1E-03 | 7E-08 | |
| 345 249TH ST | 1E-02 | 4E-07 | | 1E-02 | 4E-07 | |
| 347 244TH ST | 2E-03 | 1E-07 | | 1E-03 | 6E-08 | |
| 348 248TH ST | 7E-03 | **3E-06** | Carbon Tetrachloride | 6E-03 | **3E-06** | Carbon Tetrachloride |
| 348 249TH ST | 4E-03 | 5E-07 | | 4E-03 | 3E-07 | |
| 351 244TH ST | 8E-03 | 1E-06 | | 8E-03 | 1E-06 | |
| 352 249TH ST | 5E-02 | **5E-06** | PCE | 5E-02 | **5E-06** | PCE |
| 353 249TH ST | 1E-03 | 1E-07 | | 1E-03 | 1E-07 | |
| 354 248TH ST | 4E-03 | 3E-07 | | 3E-03 | 3E-07 | |
| 357 244TH ST | 4E-03 | 3E-07 | | 4E-03 | 3E-07 | |
| 357 249TH ST | 3E-03 | 1E-06 | | 3E-03 | 1E-06 | |
| 358 249TH ST | 3E-03 | 1E-07 | | 3E-03 | 1E-07 | |

**Table 16**
**Cumulative Risk and Hazard Results, Sub-Slab Soil Vapor**
**Onsite Resident - Indoor Air Inhalation**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | |
|---|---|---|---|---|---|---|
| | With THMs | | | Without THMs | | |
| | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers | Noncancer Hazard | Cancer Risk | Risk and/or Hazard Drivers |
| 360 248TH ST | 4E-03 | 9E-07 | | 4E-03 | 9E-07 | |
| 361 244TH ST | 2E-02 | 6E-08 | | 2E-02 | 6E-08 | |
| 362 249TH ST | 2E-02 | 9E-07 | | 2E-02 | 9E-07 | |
| 363 249TH ST | 4E-03 | 4E-07 | | 3E-03 | 1E-07 | |
| 364 248TH ST | 4E-03 | 9E-07 | | 4E-03 | 9E-07 | |
| 367 244TH ST | 1E-03 | 5E-07 | | 1E-03 | 5E-07 | |
| 367 249TH ST | 1E-02 | 5E-07 | | 1E-02 | 3E-07 | |
| 368 249TH ST | 5E-03 | 4E-07 | | 5E-03 | 3E-07 | |
| 373 249TH ST | 1E-03 | 5E-08 | | 1E-03 | 5E-08 | |
| 374 248TH ST | 2E-02 | 7E-07 | | 2E-02 | 5E-07 | |
| 374 249TH ST | 6E-03 | 1E-06 | | 1E-03 | 5E-08 | |
| 377 244TH ST | 7E-04 | 2E-07 | | 7E-04 | 2E-07 | |
| 377 249TH ST | 1E-02 | 1E-06 | | 1E-02 | 3E-07 | |
| 378 249TH ST | **5E+00** | **2E-03** | Benzene, Ethylbenzene, Methylene Chloride, Naphthalene | **5E+00** | **2E-03** | Benzene, Ethylbenzene, Methylene Chloride, Naphthalene |
| 383 249TH ST | 3E-01 | **3E-06** | Naphthalene | 3E-01 | **3E-06** | Naphthalene |
| 402 249TH ST | 4E-03 | 4E-07 | | 2E-03 | 9E-08 | |
| 408 249TH ST | 3E-05 | 2E-07 | | 3E-05 | 2E-07 | |
| 412 249TH ST | 7E-03 | 4E-07 | | 7E-03 | 4E-07 | |
| Soil Vapor, Non-Subslab[a] | 1E-02 | 1E-06 | | 1E-02 | 1E-06 | |
| Streets[b] | **3E+01** | **4E-03** | 1,1,2,2-Tetrachloroethane; 1,4-DCB; 1,2,4-TMB; 1,3,5-TMB; Benzene; BDCM; Ethylbenzene; HCB; Naphthalene | **2E+01** | **4E-03** | 1,1,2,2-Tetrachloroethane; 1,4-DCB; 1,2,4-TMB; 1,3,5-TMB; Benzene; Ethylbenzene; HCB; Naphthalene |

Notes:

EF = exposure frequency; THM = trihalomethanes; COC = constituent of concern

[a] Results based on the maximum detected concentration collected on properties Site-wide as the exposure point concentration (EPC).

[b] Results based on 95 percent upper confidence limit (95UCL) of the average concentration as the EPC; however, if not available, the maximum detect was used as the EPC.

BDCM = bromodichloromethane; DBCM = dibromochloromethane; DCB = dichlorobenzene; HCB = Hexachloro-1,3-butadiene; PCE = tetrachloroethene; TCE = trichloroethene; TMB = trimethylbenzene

**Bold** + Shaded if cumulative noncancer hazard >1 or cumulative cancer risk >1E-06

**Table 17**
**Cumulative Risk and Hazard Results, Soil Vapor**
**Construction and Utility Maintenance Worker - Outdoor Air Inhalation**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|
| | With THMs | | Without THMs | |
| | Noncancer Hazard | Cancer Risk | Noncancer Hazard | Cancer Risk |
| 24401 MARBELLA AVE | 2E-05 | 3E-09 | 2E-05 | 3E-09 |
| 24402 NEPTUNE AVE | 2E-05 | 5E-10 | 2E-05 | 5E-10 |
| 24402 PANAMA AVE | 5E-05 | 2E-09 | 5E-05 | 2E-09 |
| 24402 RAVENNA AVE | 1E-05 | 8E-10 | 7E-06 | 2E-10 |
| 24403 NEPTUNE AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24403 RAVENNA AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24405 MARBELLA AVE | 3E-05 | 3E-09 | 3E-05 | 3E-09 |
| 24406 MARBELLA AVE | 9E-06 | 4E-10 | 8E-06 | 4E-10 |
| 24406 NEPTUNE AVE | 4E-04 | 1E-08 | 4E-04 | 1E-08 |
| 24406 PANAMA AVE | 6E-05 | 1E-09 | 6E-05 | 1E-09 |
| 24406 RAVENNA AVE | 5E-06 | 2E-10 | 5E-06 | 2E-10 |
| 24409 NEPTUNE AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24409 RAVENNA AVE | 7E-06 | 2E-09 | 7E-06 | 2E-09 |
| 24410 PANAMA AVE | 8E-06 | 2E-10 | 8E-06 | 2E-10 |
| 24411 MARBELLA AVE | 1E-04 | 4E-09 | 1E-04 | 4E-09 |
| 24411 PANAMA AVE | 4E-05 | 1E-09 | 4E-05 | 1E-09 |
| 24412 MARBELLA AVE | 4E-04 | 4E-09 | 4E-04 | 3E-09 |
| 24412 RAVENNA AVE | 4E-07 | 9E-11 | 4E-07 | 9E-11 |
| 24413 NEPTUNE AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24413 RAVENNA AVE | 4E-05 | 1E-09 | 4E-05 | 1E-09 |
| 24416 MARBELLA AVE | 7E-06 | 3E-10 | 7E-06 | 2E-10 |
| 24416 NEPTUNE AVE | 9E-06 | 4E-10 | 9E-06 | 3E-10 |
| 24416 PANAMA AVE | 4E-05 | 1E-09 | 4E-05 | 1E-09 |
| 24416 RAVENNA AVE | 5E-05 | 4E-09 | 5E-05 | 4E-09 |
| 24417 MARBELLA AVE | 1E-05 | 5E-10 | 1E-05 | 5E-10 |
| 24417 PANAMA AVE | 1E-05 | 5E-10 | 1E-05 | 5E-10 |
| 24419 NEPTUNE AVE | 2E-05 | 3E-09 | 8E-07 | 9E-11 |
| 24419 RAVENNA AVE | 7E-06 | 3E-10 | 7E-06 | 3E-10 |
| 24420 PANAMA AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24421 PANAMA AVE | 1E-05 | 3E-10 | 1E-05 | 3E-10 |
| 24422 MARBELLA AVE | 2E-05 | 8E-10 | 2E-05 | 7E-10 |
| 24422 NEPTUNE AVE | 3E-05 | 2E-09 | 3E-05 | 1E-09 |
| 24422 RAVENNA AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24423 MARBELLA AVE | 1E-05 | 6E-10 | 1E-05 | 6E-10 |
| 24423 NEPTUNE AVE | 6E-05 | 3E-09 | 5E-05 | 1E-09 |
| 24423 RAVENNA AVE | 3E-05 | 1E-09 | 3E-05 | 9E-10 |
| 24426 MARBELLA AVE | 6E-05 | 2E-09 | 6E-05 | 2E-09 |
| 24426 NEPTUNE AVE | 2E-05 | 2E-09 | 2E-05 | 2E-09 |
| 24426 PANAMA AVE | 9E-06 | 3E-10 | 9E-06 | 3E-10 |
| 24426 RAVENNA AVE | 1E-04 | 4E-09 | 1E-04 | 4E-09 |

**Table 17**
**Cumulative Risk and Hazard Results, Soil Vapor**
**Construction and Utility Maintenance Worker - Outdoor Air Inhalation**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|
| | With THMs | | Without THMs | |
| | Noncancer Hazard | Cancer Risk | Noncancer Hazard | Cancer Risk |
| 24427 MARBELLA AVE | 1E-05 | 5E-10 | 1E-05 | 5E-10 |
| 24427 PANAMA AVE | 4E-06 | 3E-10 | 3E-06 | 2E-10 |
| 24429 NEPTUNE AVE | 2E-05 | 8E-10 | 2E-05 | 8E-10 |
| 24429 RAVENNA AVE | 7E-06 | 3E-10 | 7E-06 | 3E-10 |
| 24430 PANAMA AVE | 5E-05 | 2E-09 | 5E-05 | 2E-09 |
| 24431 PANAMA AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24432 MARBELLA AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24433 MARBELLA AVE | 3E-04 | 5E-09 | 3E-04 | 5E-09 |
| 24436 PANAMA AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24502 MARBELLA AVE | 2E-05 | 9E-10 | 2E-05 | 5E-10 |
| 24502 NEPTUNE AVE | 5E-05 | 3E-09 | 4E-05 | 1E-09 |
| 24502 PANAMA AVE | 6E-05 | 2E-09 | 6E-05 | 2E-09 |
| 24502 RAVENNA AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24503 MARBELLA AVE | 2E-05 | 9E-10 | 2E-05 | 9E-10 |
| 24503 NEPTUNE AVE | 3E-05 | 3E-09 | 1E-05 | 5E-10 |
| 24503 PANAMA AVE | 2E-05 | 9E-10 | 2E-05 | 9E-10 |
| 24503 RAVENNA AVE | 3E-06 | 2E-10 | 3E-06 | 1E-10 |
| 24506 MARBELLA AVE | 9E-05 | 2E-09 | 9E-05 | 2E-09 |
| 24507 MARBELLA AVE | 6E-06 | 2E-10 | 6E-06 | 2E-10 |
| 24508 NEPTUNE AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24508 PANAMA AVE | 5E-03 | 3E-08 | 5E-03 | 3E-08 |
| 24508 RAVENNA AVE | 9E-06 | 3E-10 | 9E-06 | 3E-10 |
| 24509 NEPTUNE AVE | 1E-05 | 5E-10 | 1E-05 | 5E-10 |
| 24509 PANAMA AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24509 RAVENNA AVE | 2E-05 | 9E-10 | 2E-05 | 8E-10 |
| 24512 MARBELLA AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24512 NEPTUNE AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24512 PANAMA AVE | 1E-05 | 5E-10 | 1E-05 | 5E-10 |
| 24512 RAVENNA AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24513 NEPTUNE AVE | 4E-05 | 2E-09 | 4E-05 | 2E-09 |
| 24513 PANAMA AVE | 4E-05 | 1E-09 | 4E-05 | 1E-09 |
| 24513 RAVENNA AVE | 2E-05 | 1E-09 | 2E-05 | 1E-09 |
| 24516 MARBELLA AVE | 6E-05 | 2E-09 | 6E-05 | 2E-09 |
| 24517 MARBELLA AVE | 3E-05 | 9E-10 | 3E-05 | 9E-10 |
| 24518 NEPTUNE AVE | 3E-05 | 3E-09 | 2E-05 | 8E-10 |
| 24518 PANAMA AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24518 RAVENNA AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24519 NEPTUNE AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24519 PANAMA AVE | 2E-05 | 8E-10 | 2E-05 | 8E-10 |
| 24522 MARBELLA AVE | 3E-05 | 3E-09 | 3E-05 | 3E-09 |

**Table 17**
**Cumulative Risk and Hazard Results, Soil Vapor**
**Construction and Utility Maintenance Worker - Outdoor Air Inhalation**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|
| | With THMs | | Without THMs | |
| | Noncancer Hazard | Cancer Risk | Noncancer Hazard | Cancer Risk |
| 24522 NEPTUNE AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24522 PANAMA AVE | 8E-06 | 3E-10 | 7E-06 | 3E-10 |
| 24522 RAVENNA AVE | 6E-06 | 6E-10 | 6E-06 | 2E-10 |
| 24523 MARBELLA AVE | 4E-05 | 2E-09 | 4E-05 | 2E-09 |
| 24523 NEPTUNE AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24523 RAVENNA AVE | 6E-05 | 3E-09 | 5E-05 | 2E-09 |
| 24526 MARBELLA AVE | 1E-05 | 5E-10 | 1E-05 | 5E-10 |
| 24528 NEPTUNE AVE | 4E-05 | 2E-09 | 4E-05 | 2E-09 |
| 24528 PANAMA AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24529 NEPTUNE AVE | 4E-05 | 3E-09 | 4E-05 | 3E-09 |
| 24529 PANAMA AVE | 7E-06 | 4E-10 | 7E-06 | 4E-10 |
| 24529 RAVENNA AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24532 MARBELLA AVE | 6E-06 | 3E-10 | 6E-06 | 3E-10 |
| 24532 NEPTUNE AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24532 PANAMA AVE | 3E-05 | 1E-09 | 3E-05 | 9E-10 |
| 24532 RAVENNA AVE | 1E-05 | 6E-10 | 1E-05 | 6E-10 |
| 24533 MARBELLA AVE | 5E-06 | 2E-10 | 5E-06 | 2E-10 |
| 24533 NEPTUNE AVE | 7E-06 | 4E-10 | 6E-06 | 2E-10 |
| 24533 PANAMA AVE | 1E-05 | 5E-10 | 1E-05 | 5E-10 |
| 24533 RAVENNA AVE | 4E-05 | 1E-09 | 4E-05 | 1E-09 |
| 24602 MARBELLA AVE | 7E-06 | 3E-10 | 7E-06 | 3E-10 |
| 24602 NEPTUNE AVE | 8E-06 | 8E-09 | 8E-06 | 8E-09 |
| 24602 PANAMA AVE | 2E-05 | 9E-10 | 2E-05 | 9E-10 |
| 24602 RAVENNA AVE | 2E-05 | 8E-10 | 2E-05 | 8E-10 |
| 24603 MARBELLA AVE | 2E-03 | 5E-08 | 2E-03 | 5E-08 |
| 24603 NEPTUNE AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24603 PANAMA AVE | 4E-05 | 1E-09 | 4E-05 | 9E-10 |
| 24603 RAVENNA AVE | 3E-05 | 8E-10 | 3E-05 | 8E-10 |
| 24606 MARBELLA AVE | 2E-05 | 8E-10 | 2E-05 | 8E-10 |
| 24607 MARBELLA AVE | 3E-05 | 5E-09 | 3E-05 | 5E-09 |
| 24608 NEPTUNE AVE | 2E-05 | 1E-09 | 2E-05 | 1E-09 |
| 24608 PANAMA AVE | 9E-05 | 5E-09 | 7E-05 | 3E-09 |
| 24608 RAVENNA AVE | 1E-05 | 6E-10 | 1E-05 | 6E-10 |
| 24609 NEPTUNE AVE | 1E-05 | 6E-10 | 1E-05 | 6E-10 |
| 24609 PANAMA AVE | 1E-04 | 6E-09 | 1E-04 | 6E-09 |
| 24609 RAVENNA AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24612 MARBELLA AVE | 7E-07 | 3E-10 | 1E-07 | -- |
| 24612 NEPTUNE AVE | 9E-06 | 3E-10 | 9E-06 | 3E-10 |
| 24612 PANAMA AVE | 9E-06 | 3E-10 | 9E-06 | 3E-10 |
| 24612 RAVENNA AVE | 2E-05 | 9E-10 | 2E-05 | 9E-10 |

**Table 17**
**Cumulative Risk and Hazard Results, Soil Vapor**
**Construction and Utility Maintenance Worker - Outdoor Air Inhalation**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|
| | With THMs | | Without THMs | |
| | Noncancer Hazard | Cancer Risk | Noncancer Hazard | Cancer Risk |
| 24613 MARBELLA AVE | 1E-04 | 4E-09 | 1E-04 | 4E-09 |
| 24613 NEPTUNE AVE | 9E-06 | 5E-09 | 9E-06 | 5E-09 |
| 24613 PANAMA AVE | 3E-05 | 4E-09 | 3E-05 | 4E-09 |
| 24613 RAVENNA AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24616 MARBELLA AVE | 9E-05 | 8E-09 | 8E-05 | 2E-09 |
| 24617 MARBELLA AVE | 2E-05 | 8E-10 | 2E-05 | 8E-10 |
| 24618 NEPTUNE AVE | 1E-05 | 5E-10 | 1E-05 | 4E-10 |
| 24618 PANAMA AVE | 9E-06 | 4E-10 | 9E-06 | 3E-10 |
| 24618 RAVENNA AVE | 3E-05 | 1E-09 | 3E-05 | 9E-10 |
| 24619 NEPTUNE AVE | 4E-06 | 1E-10 | 4E-06 | 1E-10 |
| 24619 PANAMA AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24619 RAVENNA AVE | 1E-05 | 6E-10 | 1E-05 | 6E-10 |
| 24622 MARBELLA AVE | 2E-07 | 3E-11 | 9E-08 | 6E-12 |
| 24622 NEPTUNE AVE | 3E-05 | 3E-09 | 3E-05 | 3E-09 |
| 24623 MARBELLA AVE | 9E-06 | 1E-09 | 9E-06 | 1E-09 |
| 24623 NEPTUNE AVE | 2E-05 | 9E-10 | 2E-05 | 9E-10 |
| 24627 MARBELLA AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24628 MARBELLA AVE | 7E-06 | 3E-10 | 7E-06 | 3E-10 |
| 24628 NEPTUNE AVE | 3E-05 | 4E-09 | 2E-05 | 5E-10 |
| 24629 NEPTUNE AVE | 2E-05 | 3E-09 | 2E-05 | 3E-09 |
| 24632 NEPTUNE AVE | 5E-05 | 2E-09 | 5E-05 | 2E-09 |
| 24633 MARBELLA AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24700 MARBELLA AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24700 RAVENNA AVE | 2E-05 | 5E-10 | 2E-05 | 3E-10 |
| 24702 NEPTUNE AVE | 2E-07 | -- | 2E-07 | -- |
| 24702 PANAMA AVE | 4E-06 | 1E-10 | 4E-06 | 1E-10 |
| 24703 MARBELLA AVE | 2E-05 | 2E-09 | 2E-05 | 2E-09 |
| 24703 NEPTUNE AVE | 9E-05 | 2E-09 | 9E-05 | 2E-09 |
| 24703 PANAMA AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24703 RAVENNA AVE | 2E-05 | 9E-10 | 2E-05 | 9E-10 |
| 24706 MARBELLA AVE | 3E-05 | 9E-10 | 3E-05 | 6E-10 |
| 24706 RAVENNA AVE | 2E-05 | 9E-10 | 2E-05 | 7E-10 |
| 24707 MARBELLA AVE | 3E-05 | 2E-09 | 3E-05 | 2E-09 |
| 24708 PANAMA AVE | 2E-05 | 1E-08 | 2E-05 | 1E-08 |
| 24709 NEPTUNE AVE | 7E-04 | 3E-08 | 7E-04 | 3E-08 |
| 24709 PANAMA AVE | 8E-05 | 3E-09 | 8E-05 | 3E-09 |
| 24709 RAVENNA AVE | 1E-04 | 3E-09 | 1E-04 | 3E-09 |
| 24710 MARBELLA AVE | 6E-05 | 2E-09 | 6E-05 | 2E-09 |
| 24712 NEPTUNE AVE | 3E-04 | 1E-08 | 3E-04 | 1E-08 |
| 24712 PANAMA AVE | 3E-06 | 1E-10 | 3E-06 | 1E-10 |

**Table 17**
**Cumulative Risk and Hazard Results, Soil Vapor**
**Construction and Utility Maintenance Worker - Outdoor Air Inhalation**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|
| | With THMs | | Without THMs | |
| | Noncancer Hazard | Cancer Risk | Noncancer Hazard | Cancer Risk |
| 24712 RAVENNA AVE | 2E-05 | 8E-10 | 2E-05 | 8E-10 |
| 24713 MARBELLA AVE | 9E-06 | 3E-10 | 9E-06 | 3E-10 |
| 24713 PANAMA AVE | 3E-05 | 2E-09 | 3E-05 | 1E-09 |
| 24713 RAVENNA AVE | 1E-05 | 1E-09 | 6E-06 | 2E-10 |
| 24715 NEPTUNE AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24716 MARBELLA AVE | 4E-05 | 3E-09 | 3E-05 | 9E-10 |
| 24716 RAVENNA AVE | 7E-06 | 3E-10 | 7E-06 | 2E-10 |
| 24717 MARBELLA AVE | 2E-05 | 9E-10 | 2E-05 | 8E-10 |
| 24718 NEPTUNE AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24718 PANAMA AVE | 2E-05 | 1E-09 | 2E-05 | 5E-10 |
| 24719 NEPTUNE AVE | 3E-05 | 3E-09 | 2E-05 | 1E-09 |
| 24719 PANAMA AVE | 1E-05 | 5E-10 | 1E-05 | 5E-10 |
| 24719 RAVENNA AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24722 MARBELLA AVE | 1E-05 | 3E-09 | 1E-05 | 3E-09 |
| 24722 NEPTUNE AVE | 2E-05 | 3E-09 | 2E-05 | 3E-09 |
| 24722 PANAMA AVE | 7E-05 | 3E-09 | 7E-05 | 2E-09 |
| 24722 RAVENNA AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24723 MARBELLA AVE | 3E-05 | 5E-09 | 3E-05 | 5E-09 |
| 24723 RAVENNA AVE | 6E-06 | 7E-10 | 5E-06 | 2E-10 |
| 24725 NEPTUNE AVE | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 24726 MARBELLA AVE | 1E-05 | 7E-10 | 1E-05 | 5E-10 |
| 24726 RAVENNA AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24727 MARBELLA AVE | 3E-06 | 1E-09 | 3E-06 | 1E-09 |
| 24728 NEPTUNE AVE | 3E-05 | 9E-10 | 3E-05 | 9E-10 |
| 24728 PANAMA AVE | 2E-05 | 5E-10 | 2E-05 | 5E-10 |
| 24729 NEPTUNE AVE | 4E-05 | 2E-09 | 4E-05 | 1E-09 |
| 24729 PANAMA AVE | 5E-06 | 2E-10 | 5E-06 | 2E-10 |
| 24729 RAVENNA AVE | 6E-06 | 3E-10 | 6E-06 | 3E-10 |
| 24732 MARBELLA AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24732 NEPTUNE AVE | 2E-05 | 6E-10 | 2E-05 | 5E-10 |
| 24732 PANAMA AVE | 9E-05 | 3E-09 | 9E-05 | 3E-09 |
| 24732 RAVENNA AVE | 2E-05 | 6E-10 | 2E-05 | 3E-10 |
| 24733 MARBELLA AVE | 6E-06 | 4E-10 | 6E-06 | 4E-10 |
| 24733 PANAMA AVE | 7E-05 | 3E-09 | 7E-05 | 3E-09 |
| 24733 RAVENNA AVE | 5E-06 | 2E-10 | 5E-06 | 2E-10 |
| 24735 NEPTUNE AVE | 9E-06 | 3E-10 | 9E-06 | 3E-10 |
| 24736 RAVENNA AVE | 1E-04 | 1E-09 | 1E-04 | 7E-10 |
| 24737 MARBELLA AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24738 NEPTUNE AVE | 1E-04 | 5E-09 | 1E-04 | 5E-09 |
| 24738 PANAMA AVE | 6E-05 | 3E-09 | 6E-05 | 3E-09 |

**Table 17**
**Cumulative Risk and Hazard Results, Soil Vapor**
**Construction and Utility Maintenance Worker - Outdoor Air Inhalation**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|
| | With THMs | | Without THMs | |
| | Noncancer Hazard | Cancer Risk | Noncancer Hazard | Cancer Risk |
| 24739 NEPTUNE AVE | 3E-05 | 8E-10 | 3E-05 | 8E-10 |
| 24739 PANAMA AVE | 5E-06 | 2E-10 | 5E-06 | 2E-10 |
| 24739 RAVENNA AVE | 4E-05 | 8E-10 | 4E-05 | 8E-10 |
| 24740 MARBELLA AVE | 7E-06 | 4E-10 | 7E-06 | 4E-10 |
| 24741 MARBELLA AVE | 1E-04 | 2E-09 | 1E-04 | 2E-09 |
| 24743 RAVENNA AVE | 2E-05 | 8E-10 | 2E-05 | 8E-10 |
| 24744 MARBELLA AVE | 2E-04 | 7E-09 | 2E-04 | 7E-09 |
| 24748 RAVENNA AVE | 2E-05 | 2E-09 | 2E-05 | 8E-10 |
| 24749 RAVENNA AVE | 1E-04 | 1E-08 | 1E-04 | 1E-08 |
| 24752 RAVENNA AVE | 2E-07 | 2E-11 | 1E-07 | -- |
| 24802 PANAMA AVE | 1E-05 | 6E-10 | 1E-05 | 6E-10 |
| 24803 NEPTUNE AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24803 PANAMA AVE | 1E-05 | 8E-10 | 1E-05 | 8E-10 |
| 24808 PANAMA AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24809 NEPTUNE AVE | 2E-05 | 6E-11 | 2E-05 | 6E-11 |
| 24809 PANAMA AVE | 1E-05 | 7E-10 | 1E-05 | 6E-10 |
| 24812 PANAMA AVE | 8E-06 | 3E-10 | 8E-06 | 3E-10 |
| 24813 PANAMA AVE | 3E-05 | 5E-09 | 2E-05 | 2E-09 |
| 24815 NEPTUNE AVE | 2E-05 | 9E-10 | 2E-05 | 9E-10 |
| 24818 PANAMA AVE | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 24819 PANAMA AVE | 6E-05 | 2E-09 | 6E-05 | 2E-09 |
| 24822 PANAMA AVE | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 24823 PANAMA AVE | 3E-07 | 6E-11 | 3E-07 | 6E-11 |
| 24825 NEPTUNE AVE | 8E-05 | 4E-09 | 8E-05 | 3E-09 |
| 24828 PANAMA AVE | 2E-05 | 8E-10 | 2E-05 | 8E-10 |
| 24829 PANAMA AVE | 5E-05 | 2E-09 | 5E-05 | 2E-09 |
| 24832 PANAMA AVE | 1E-05 | 4E-10 | 1E-05 | 4E-10 |
| 24833 PANAMA AVE | 2E-04 | 5E-09 | 2E-04 | 5E-09 |
| 24838 PANAMA AVE | 5E-05 | 2E-09 | 5E-05 | 2E-09 |
| 24904 NEPTUNE AVE | 2E-05 | 8E-10 | 2E-05 | 8E-10 |
| 24912 NEPTUNE AVE | 1E-04 | 2E-09 | 1E-04 | 2E-09 |
| 301 244TH ST | 1E-05 | 4E-09 | 1E-05 | 4E-09 |
| 305 244TH ST | 2E-05 | 9E-10 | 2E-05 | 9E-10 |
| 311 244TH ST | 1E-05 | 5E-10 | 1E-05 | 5E-10 |
| 317 244TH ST | 2E-04 | 4E-08 | 3E-05 | 8E-09 |
| 321 244TH ST | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 327 244TH ST | 5E-06 | 2E-10 | 5E-06 | 2E-10 |
| 331 244TH ST | 2E-05 | 2E-09 | 2E-05 | 2E-09 |
| 337 244TH ST | 9E-06 | 3E-10 | 9E-06 | 3E-10 |
| 341 244TH ST | 2E-05 | 8E-10 | 2E-05 | 8E-10 |

**Table 17**
**Cumulative Risk and Hazard Results, Soil Vapor**
**Construction and Utility Maintenance Worker - Outdoor Air Inhalation**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|
| | With THMs | | Without THMs | |
| | Noncancer Hazard | Cancer Risk | Noncancer Hazard | Cancer Risk |
| 344 249TH ST | 1E-05 | 1E-09 | 9E-06 | 3E-10 |
| 345 249TH ST | 7E-05 | 2E-09 | 7E-05 | 2E-09 |
| 347 244TH ST | 9E-06 | 4E-10 | 9E-06 | 3E-10 |
| 348 248TH ST | 1E-05 | 1E-09 | 1E-05 | 1E-09 |
| 348 249TH ST | 2E-05 | 9E-10 | 2E-05 | 8E-10 |
| 351 244TH ST | 4E-05 | 2E-09 | 4E-05 | 2E-09 |
| 352 249TH ST | 4E-05 | 7E-09 | 4E-05 | 7E-09 |
| 353 249TH ST | 6E-06 | 2E-10 | 6E-06 | 2E-10 |
| 354 248TH ST | 2E-05 | 8E-10 | 2E-05 | 8E-10 |
| 357 244TH ST | 2E-05 | 9E-10 | 2E-05 | 9E-10 |
| 357 249TH ST | 2E-06 | 2E-09 | 2E-06 | 2E-09 |
| 358 249TH ST | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 360 248TH ST | 1E-05 | 6E-10 | 1E-05 | 5E-10 |
| 361 244TH ST | 1E-05 | 3E-10 | 1E-05 | 3E-10 |
| 362 249TH ST | 2E-05 | 6E-10 | 2E-05 | 6E-10 |
| 363 249TH ST | 2E-05 | 7E-10 | 2E-05 | 6E-10 |
| 364 248TH ST | 2E-05 | 9E-10 | 2E-05 | 9E-10 |
| 367 244TH ST | 8E-07 | 2E-10 | 8E-07 | 2E-10 |
| 367 249TH ST | 3E-05 | 1E-09 | 3E-05 | 1E-09 |
| 368 249TH ST | 2E-05 | 7E-10 | 2E-05 | 7E-10 |
| 373 249TH ST | 7E-06 | 3E-10 | 7E-06 | 3E-10 |
| 374 248TH ST | 7E-05 | 2E-09 | 7E-05 | 2E-09 |
| 374 249TH ST | 1E-05 | 9E-10 | 8E-06 | 3E-10 |
| 377 244TH ST | 4E-07 | 1E-10 | 4E-07 | 1E-10 |
| 377 249TH ST | 6E-05 | 2E-09 | 6E-05 | 2E-09 |
| 378 249TH ST | 3E-03 | 7E-07 | 3E-03 | 7E-07 |
| 383 249TH ST | 7E-04 | 1E-08 | 7E-04 | 1E-08 |
| 402 249TH ST | 2E-05 | 7E-10 | 1E-05 | 5E-10 |
| 408 249TH ST | 2E-07 | 2E-09 | 2E-07 | 2E-09 |
| 412 249TH ST | 4E-05 | 1E-09 | 4E-05 | 1E-09 |
| Streets[a] | 4E-02 | 3E-06 | 4E-02 | 3E-06 |

Notes:

THM = trihalomethanes; EPC = exposure point concentration

[a] Results based on 95 percent upper confidence limit (95UCL) of the average concentration as the EPC; however, if not available, the maximum detect was used as the EPC.

No property had a cumulative noncancer hazard >1 nor a cumulative cancer risk >1E-05

**Table 18**

**Soil Leaching to Groundwater Evaluation - Streets**

Former Kast Property

| Constituents of Concern | Maximum Detect (mg/kg) | UCL (mg/kg) | $SSCG_{soil-GW}$ | Basis for $SSCG_{soil-GW}$ | Maximum Exceeds? | UCL Exceeds? |
|---|---|---|---|---|---|---|
| 1,2,3-Trichloropropane | 0.13 | -- | 4.2E-06 | GW | yes | -- |
| Antimony | 4.9 | 0.35 | 7.4E-01 | Bkgd | yes | no |
| Arsenic | 28 | 6.7 | 1.2E+01 | Bkgd | yes | no |
| Benzene | 33 | 2.6 | 2.1E-02 | GW | yes | yes |
| Dichloroethene, cis-1,2- | 1.0 | -- | 3.9E-03 | GW | yes | -- |
| Naphthalene | 47 | 7.0 | 1.4E+01 | GW | yes | no |
| Tetrachloroethene | 0.03 | -- | 5.8E-03 | GW | yes | -- |
| Thallium | 2.9 | 0.21 | 2.3E-01 | Bkgd | yes | no |
| TPH as Diesel | 82,000 | 8,309 | 6.3E+02 | GW | yes | yes |
| TPH as Gasoline | 9,800 | 1,229 | 1.2E+02 | GW | yes | yes |
| TPH as Motor Oil | 120,000 | 11,661 | 1.0E+04 | GW | yes | yes |

Notes:

" -- " not applicable or not available

Bkgd = background; UCL = 95% upper confidence limit

GW = based on $SSCG_{soil-GW}$ = Site-Specific Cleanup Goal for soil leaching to groundwater

**Table 19**
**Cumulative Risk and Hazard Results Across Media**
**(Soil and Sub-Slab Soil Vapor to Indoor Air), Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤5 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to IA | | Exceeds Soil HHRA? | Exceeds SV to IA HHRA? | Exceeds Both Soil + SV to IA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to IA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24401 MARBELLA AVE | 29 | 4E-01 | 8E-01 | 4E-07 | | 1E-02 | 1E-06 | | 8E-01 | 1E-06 | No | No | No |
| 24402 NEPTUNE AVE | 9.7 | 1E-01 | 1E+00 | 3E-07 | | 1E-02 | 2E-07 | | 1E+00 | 5E-07 | No | No | No |
| 24402 PANAMA AVE | 11 | 1E-01 | 1E+00 | 2E-07 | | 7E-03 | 3E-07 | | 1E+00 | 5E-07 | No | No | No |
| 24402 RAVENNA AVE | 17 | 2E-01 | **6E+00** | **3E-06** | TPHd | 1E-03 | 3E-08 | | **6E+00** | **3E-06** | Yes | No | Yes |
| 24403 NEPTUNE AVE | 12 | 2E-01 | **9E+00** | **1E-05** | TPHd; TPHmo; Benzene | 3E-03 | 1E-07 | | **9E+00** | **1E-05** | Yes | No | Yes |
| 24403 RAVENNA AVE | 14 | 2E-01 | 8E-01 | 2E-07 | | 4E-03 | 3E-07 | | 8E-01 | 5E-07 | No | No | No |
| 24405 MARBELLA AVE | 12 | 1E-01 | 9E-01 | 5E-07 | | 1E-02 | 9E-07 | | 9E-01 | 1E-06 | No | No | No |
| 24406 MARBELLA AVE | 14 | 2E-01 | **6E+00** | **9E-06** | TPHd; Benzene; Ethylbenzene | 2E-03 | 3E-07 | | **6E+00** | **9E-06** | Yes | No | Yes |
| 24406 NEPTUNE AVE | 21 | 3E-01 | 8E-01 | 1E-07 | | 6E-02 | **5E-06** | Carbon Tetrachloride, Naphthalene | 9E-01 | **5E-06** | No | Yes | Yes |
| 24406 PANAMA AVE | 32 | 4E-01 | **5E+00** | 2E-07 | TPHd; TPHmo | 7E-02 | 5E-07 | | **5E+00** | 7E-07 | Yes | No | Yes |
| 24406 RAVENNA AVE | 12 | 1E-01 | 7E-01 | 5E-07 | | 8E-04 | 3E-08 | | 7E-01 | 5E-07 | No | No | No |
| 24409 NEPTUNE AVE | 37 | 5E-01 | **3E+00** | 5E-08 | TPHd | 3E-03 | 1E-07 | | **3E+00** | 2E-07 | Yes | No | Yes |
| 24409 RAVENNA AVE | 51 | 6E-01 | 1E+00 | 1E-08 | | 1E-03 | 3E-07 | | 1E+00 | 3E-07 | No | No | No |
| 24410 PANAMA AVE | 20 | 2E-01 | 1E+00 | 3E-07 | | 3E-03 | 4E-08 | | 1E+00 | 3E-07 | No | No | No |
| 24411 MARBELLA AVE | 18 | 2E-01 | **8E+00** | 4E-07 | TPHd; TPHmo | 6E-02 | 1E-06 | | **8E+00** | 1E-06 | Yes | No | Yes |
| 24411 PANAMA AVE | 35 | 4E-01 | **6E+00** | **7E-06** | TPHd; Benzene; Arsenic > bkgd | 3E-02 | 1E-06 | | **6E+00** | **8E-06** | Yes | No | Yes |
| 24412 MARBELLA AVE | 40 | 5E-01 | **1E+01** | **4E-06** | TPHd; TPHmo; Naphthalene | 7E-01 | **4E-06** | TCE | **1E+01** | **8E-06** | Yes | Yes | Yes |
| 24412 RAVENNA AVE | 10 | 1E-01 | **3E+00** | 1E-06 | TPHd | 6E-04 | 2E-07 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24413 NEPTUNE AVE | 27 | 3E-01 | **3E+00** | 1E-06 | TPHd | 5E-03 | 3E-07 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24413 RAVENNA AVE | 34 | 4E-01 | 9E-01 | 5E-07 | | 5E-03 | 3E-07 | | 9E-01 | 8E-07 | No | No | No |
| 24416 MARBELLA AVE | 23 | 3E-01 | **7E+00** | **8E-06** | TPHd; TPHmo; Benzene | 1E-03 | 4E-08 | | **7E+00** | **8E-06** | Yes | No | Yes |
| 24416 NEPTUNE AVE | 36 | 5E-01 | **2E+01** | 8E-08 | TPHd; TPHmo | 1E-03 | 6E-08 | | **2E+01** | 1E-07 | Yes | No | Yes |
| 24416 PANAMA AVE | 19 | 2E-01 | 9E-01 | 1E-08 | | 1E-02 | 9E-07 | | 9E-01 | 9E-07 | No | No | No |
| 24416 RAVENNA AVE | 12 | 2E-01 | **7E+00** | 1E-06 | TPHd; TPHmo | 2E-02 | **5E-06** | Benzene | **7E+00** | **6E-06** | Yes | Yes | Yes |
| 24417 MARBELLA AVE | 22 | 3E-01 | 7E-01 | 3E-07 | | 3E-03 | 2E-07 | | 7E-01 | 5E-07 | No | No | No |
| 24417 PANAMA AVE | 15 | 2E-01 | 1E+00 | 4E-07 | | 2E-03 | 8E-08 | | 1E+00 | 5E-07 | No | No | No |
| 24419 NEPTUNE AVE | 20 | 3E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | 6E-04 | 2E-07 | | **2E+00** | 6E-07 | Yes | No | Yes |
| 24419 RAVENNA AVE | 15 | 2E-01 | 4E-01 | 1E-07 | | 1E-03 | 1E-07 | | 4E-01 | 2E-07 | No | No | No |
| 24420 PANAMA AVE | 27 | 3E-01 | **3E+00** | 2E-07 | TPHd; TPHmo | 2E-03 | 7E-08 | | **3E+00** | 3E-07 | Yes | No | Yes |
| 24421 PANAMA AVE | 14 | 2E-01 | **5E+00** | **2E-06** | TPHd | 4E-03 | 8E-08 | | **5E+00** | **2E-06** | Yes | No | Yes |
| 24422 MARBELLA AVE | 9.3 | 1E-01 | **2E+00** | 5E-07 | TPHd | 3E-03 | 1E-07 | | **2E+00** | 6E-07 | Yes | No | Yes |
| 24422 NEPTUNE AVE | 20 | 3E-01 | 7E-01 | 3E-07 | | 2E-02 | 3E-07 | | 7E-01 | 6E-07 | No | No | No |
| 24422 RAVENNA AVE | 11 | 1E-01 | **8E+00** | **2E-06** | TPHd; TPHmo | 1E-03 | 6E-08 | | **8E+00** | **2E-06** | Yes | No | Yes |
| 24423 MARBELLA AVE | 38 | 5E-01 | 6E-01 | 1E-08 | | 1E-02 | 1E-06 | | 6E-01 | 1E-06 | No | No | No |
| 24423 NEPTUNE AVE | 7.6 | 1E-01 | **5E+00** | **2E-06** | TPHd; TPHmo | 3E-02 | **3E-06** | VC | **5E+00** | **5E-06** | Yes | Yes | Yes |
| 24423 RAVENNA AVE | 7.6 | 1E-01 | **3E+00** | **5E-06** | Benzene | 4E-03 | 3E-07 | | **3E+00** | **5E-06** | Yes | No | Yes |
| 24426 MARBELLA AVE | 18 | 2E-01 | **8E+00** | 5E-07 | TPHd; TPHmo | 1E-02 | 5E-07 | | **8E+00** | 1E-06 | Yes | No | Yes |
| 24426 NEPTUNE AVE | 10 | 1E-01 | 1E+00 | 2E-07 | | 6E-03 | 7E-07 | | 1E+00 | 9E-07 | No | No | No |
| 24426 PANAMA AVE | 13 | 2E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1 | 1E-03 | 6E-08 | | **2E+00** | 3E-07 | Yes | No | Yes |
| 24426 RAVENNA AVE | 14 | 2E-01 | **5E+00** | **3E-06** | TPHd | 3E-02 | 7E-07 | | **5E+00** | **4E-06** | Yes | No | Yes |

**Table 19**
**Cumulative Risk and Hazard Results Across Media**
**(Soil and Sub-Slab Soil Vapor to Indoor Air), Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤5 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to IA | | Exceeds Soil HHRA? | Exceeds SV to IA HHRA? | Exceeds Both Soil + SV to IA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to IA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24427 MARBELLA AVE | 11 | 1E-01 | 8E-01 | 2E-08 | | 2E-03 | 1E-07 | | 8E-01 | 1E-07 | No | No | No |
| 24427 PANAMA AVE | 12 | 1E-01 | 1E+00 | 5E-07 | | 9E-04 | 2E-07 | | 1E+00 | 7E-07 | No | No | No |
| 24429 NEPTUNE AVE | 12 | 1E-01 | **3E+00** | 4E-07 | TPHd | 3E-02 | **2E-06** | PCE | **3E+00** | **2E-06** | Yes | Yes | Yes |
| 24429 RAVENNA AVE | 11 | 1E-01 | 1E+00 | 3E-07 | | 1E-03 | 5E-08 | | 1E+00 | 4E-07 | No | No | No |
| 24430 PANAMA AVE | 24 | 3E-01 | 7E-02 | 3E-07 | | 9E-03 | 6E-07 | | 8E-02 | 9E-07 | No | No | No |
| 24431 PANAMA AVE | 14 | 2E-01 | **2E+00** | 5E-07 | no COC-specific HQ >1 | 5E-03 | 1E-07 | | **2E+00** | 6E-07 | Yes | No | Yes |
| 24432 MARBELLA AVE | 12 | 2E-01 | 1E+00 | 1E-07 | | 5E-03 | 4E-07 | | 1E+00 | 5E-07 | No | No | No |
| 24433 MARBELLA AVE | 88 | 1E+00 | **7E+00** | **1E-05** | TPHd; TPHmo; PCE | 1E-01 | **2E-06** | no COC-specific risk >1E-06 | **7E+00** | **1E-05** | Yes | Yes | Yes |
| 24436 PANAMA AVE | 7.8 | 1E-01 | 5E-02 | 3E-07 | | 3E-03 | 3E-07 | | 5E-02 | 6E-07 | No | No | No |
| 24502 MARBELLA AVE | 9.0 | 1E-01 | **2E+00** | 6E-08 | no COC-specific HQ >1 | 5E-03 | 1E-07 | | **2E+00** | 2E-07 | Yes | No | Yes |
| 24502 NEPTUNE AVE | 6.9 | 9E-02 | 6E-01 | 4E-07 | | 9E-03 | 3E-07 | | 6E-01 | 7E-07 | No | No | No |
| 24502 PANAMA AVE | 6.9 | 9E-02 | 4E-02 | 2E-07 | | 1E-02 | 5E-07 | | 5E-02 | 7E-07 | No | No | No |
| 24502 RAVENNA AVE | 11 | 1E-01 | **6E+00** | **3E-06** | TPHd | 4E-03 | 4E-07 | | **6E+00** | **3E-06** | Yes | No | Yes |
| 24503 MARBELLA AVE | 9.4 | 1E-01 | 7E-01 | 1E-08 | | 2E-02 | 1E-06 | | 7E-01 | 1E-06 | No | No | No |
| 24503 NEPTUNE AVE | 11 | 1E-01 | **2E+00** | 3E-07 | TPHd | 3E-03 | 2E-07 | | **2E+00** | 5E-07 | Yes | No | Yes |
| 24503 PANAMA AVE | 10 | 1E-01 | **5E+00** | **2E-06** | TPHd | 5E-03 | 5E-07 | | **5E+00** | **3E-06** | Yes | No | Yes |
| 24503 RAVENNA AVE | 8.5 | 1E-01 | 3E-01 | 3E-07 | | 1E-03 | 1E-07 | | 3E-01 | 4E-07 | No | No | No |
| 24506 MARBELLA AVE | 16 | 2E-01 | **8E+00** | **5E-06** | TPHd; TPHmo; Benzene | 6E-02 | **3E-06** | Benzene | **8E+00** | **8E-06** | Yes | Yes | Yes |
| 24507 MARBELLA AVE | 10 | 1E-01 | 9E-01 | 2E-07 | | 2E-03 | 1E-07 | | 9E-01 | 3E-07 | No | No | No |
| 24508 NEPTUNE AVE | 11 | 1E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | 8E-03 | 1E-07 | | **2E+00** | 5E-07 | Yes | No | Yes |
| 24508 PANAMA AVE | 7.7 | 1E-01 | 2E-01 | 3E-07 | | **2E+00** | **5E-06** | Naphthalene | **2E+00** | **5E-06** | No | Yes | Yes |
| 24508 RAVENNA AVE | 7.7 | 1E-01 | **3E+00** | 4E-07 | TPHd | 1E-03 | 6E-08 | | **3E+00** | 5E-07 | Yes | No | Yes |
| 24509 NEPTUNE AVE | 13 | 2E-01 | **3E+00** | 3E-07 | TPHd | 2E-03 | 2E-07 | | **3E+00** | 5E-07 | Yes | No | Yes |
| 24509 PANAMA AVE | 14 | 2E-01 | **3E+00** | 7E-07 | TPHd | 2E-03 | 1E-07 | | **3E+00** | 8E-07 | Yes | No | Yes |
| 24509 RAVENNA AVE | 29 | 4E-01 | **4E+00** | 3E-07 | TPHd; TPHmo | 4E-03 | 2E-07 | | **4E+00** | 5E-07 | Yes | No | Yes |
| 24512 MARBELLA AVE | 10 | 1E-01 | **7E+00** | **2E-06** | TPHd; TPHmo | 3E-03 | 1E-07 | | **7E+00** | **2E-06** | Yes | No | Yes |
| 24512 NEPTUNE AVE | 8.4 | 1E-01 | **3E+00** | 8E-07 | TPHd | 3E-03 | 1E-07 | | **3E+00** | 9E-07 | Yes | No | Yes |
| 24512 PANAMA AVE | 8.8 | 1E-01 | 8E-02 | 3E-07 | | 2E-03 | 8E-08 | | 8E-02 | 4E-07 | No | No | No |
| 24512 RAVENNA AVE | 8.7 | 1E-01 | **4E+00** | **4E-06** | TPHd; Benzene | 3E-03 | 1E-07 | | **4E+00** | **4E-06** | Yes | No | Yes |
| 24513 NEPTUNE AVE | 9.3 | 1E-01 | 4E-01 | 2E-07 | | 6E-03 | 3E-07 | | 4E-01 | 5E-07 | No | No | No |
| 24513 PANAMA AVE | 8.7 | 1E-01 | **6E+00** | **3E-06** | TPHd; TPHmo; Benzene | 8E-03 | 2E-07 | | **6E+00** | **3E-06** | Yes | No | Yes |
| 24513 RAVENNA AVE | 13 | 2E-01 | 3E-01 | 1E-08 | | 1E-02 | **2E-06** | no COC-specific risk >1E-06 | 3E-01 | **2E-06** | No | Yes | Yes |
| 24516 MARBELLA AVE | 11 | 1E-01 | **3E+00** | 1E-06 | TPHd | 1E-02 | 6E-07 | | **3E+00** | **2E-06** | Yes | No | Yes |
| 24517 MARBELLA AVE | 12 | 2E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | 1E-02 | 6E-07 | | **2E+00** | 9E-07 | Yes | No | Yes |
| 24518 NEPTUNE AVE | 18 | 2E-01 | **3E+00** | 9E-07 | TPHd | 4E-03 | 6E-07 | | **3E+00** | **2E-06** | Yes | No | Yes |
| 24518 PANAMA AVE | 22 | 3E-01 | 1E-01 | 3E-07 | | 5E-03 | 1E-07 | | 1E-01 | 4E-07 | No | No | No |
| 24518 RAVENNA AVE | 10 | 1E-01 | **6E+00** | **2E-06** | TPHd; TPHmo | 7E-03 | 4E-07 | | **6E+00** | **2E-06** | Yes | No | Yes |
| 24519 NEPTUNE AVE | 10 | 1E-01 | **3E+00** | 8E-07 | TPHd | 3E-03 | 1E-07 | | **3E+00** | 9E-07 | Yes | No | Yes |
| 24519 PANAMA AVE | 18 | 2E-01 | **4E+00** | **2E-06** | TPHd | 3E-03 | 1E-07 | | **4E+00** | **2E-06** | Yes | No | Yes |
| 24522 MARBELLA AVE | 8.4 | 1E-01 | **1E+01** | **8E-06** | TPHd; TPHmo; Benzene; Ethylbenzene | 7E-03 | 7E-07 | | **1E+01** | **9E-06** | Yes | No | Yes |

**Table 19**
**Cumulative Risk and Hazard Results Across Media**
**(Soil and Sub-Slab Soil Vapor to Indoor Air), Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤5 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to IA | | Exceeds Soil HHRA? | Exceeds SV to IA HHRA? | Exceeds Both Soil + SV to IA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to IA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24522 NEPTUNE AVE | 9.3 | 1E-01 | **3E+00** | 4E-07 | no COC-specific HQ >1 | 5E-03 | 6E-08 | | **3E+00** | 5E-07 | Yes | No | Yes |
| 24522 PANAMA AVE | 10 | 1E-01 | 2E-01 | 3E-07 | | 1E-03 | 5E-08 | | 2E-01 | 4E-07 | No | No | No |
| 24522 RAVENNA AVE | 8.3 | 1E-01 | **3E+00** | **3E-06** | TPHd | 9E-04 | 4E-08 | | **3E+00** | **3E-06** | Yes | No | Yes |
| 24523 MARBELLA AVE | 38 | 5E-01 | 1E+00 | 2E-07 | | 1E-02 | 1E-06 | | 1E+00 | 1E-06 | No | No | No |
| 24523 NEPTUNE AVE | 11 | 1E-01 | **1E+01** | **1E-05** | TPHd; TPHmo; Benzene | 3E-03 | 1E-07 | | **1E+01** | **1E-05** | Yes | No | Yes |
| 24523 RAVENNA AVE | 16 | 2E-01 | **2E+00** | 8E-07 | TPHd | 3E-02 | 1E-06 | | **2E+00** | **2E-06** | Yes | No | Yes |
| 24526 MARBELLA AVE | 7.6 | 9E-02 | **1E+01** | **3E-05** | TPHd; TPHmo; TPHg; Benzene; Naphthalene | 2E-03 | 2E-07 | | **1E+01** | **3E-05** | Yes | No | Yes |
| 24528 NEPTUNE AVE | 7.7 | 1E-01 | 1E+00 | 7E-07 | | 7E-03 | 3E-07 | | 1E+00 | 1E-06 | No | No | No |
| 24528 PANAMA AVE | 12 | 2E-01 | 6E-01 | 1E-08 | | 3E-03 | 1E-07 | | 6E-01 | 1E-07 | No | No | No |
| 24529 NEPTUNE AVE | 10 | 1E-01 | **7E+00** | **1E-05** | TPHd; TPHmo; Benzene | 1E-02 | 8E-07 | | **7E+00** | **1E-05** | Yes | No | Yes |
| 24529 PANAMA AVE | 7.2 | 9E-02 | 9E-02 | 4E-07 | | 1E-03 | 5E-08 | | 9E-02 | 5E-07 | No | No | No |
| 24529 RAVENNA AVE | 15 | 2E-01 | **2E+00** | 5E-07 | no COC-specific HQ >1 | 3E-03 | 2E-07 | | **2E+00** | 7E-07 | Yes | No | Yes |
| 24532 MARBELLA AVE | 9.2 | 1E-01 | **1E+01** | **9E-06** | TPHd; TPHmo; Benzene; Naphthalene | 2E-03 | 3E-07 | | **1E+01** | **9E-06** | Yes | No | Yes |
| 24532 NEPTUNE AVE | 25 | 3E-01 | 4E-02 | 5E-07 | | 1E-02 | 8E-07 | | 5E-02 | 1E-06 | No | No | No |
| 24532 PANAMA AVE | 9.2 | 1E-01 | 1E+00 | 3E-07 | | 4E-03 | 2E-07 | | 1E+00 | 5E-07 | No | No | No |
| 24532 RAVENNA AVE | 6.3 | 8E-02 | 1E-01 | 3E-07 | | 2E-03 | 2E-07 | | 1E-01 | 5E-07 | No | No | No |
| 24533 MARBELLA AVE | 20 | 2E-01 | 7E-01 | 2E-08 | | 2E-03 | 1E-07 | | 7E-01 | 1E-07 | No | No | No |
| 24533 PANAMA AVE | 8.4 | 1E-01 | 1E+00 | 2E-07 | | 2E-03 | 8E-08 | | 1E+00 | 3E-07 | No | No | No |
| 24533 RAVENNA AVE | 7.5 | 9E-02 | 2E-02 | 2E-07 | | 5E-03 | 2E-07 | | 3E-02 | 4E-07 | No | No | No |
| 24602 MARBELLA AVE | 13 | 2E-01 | 8E-01 | 7E-07 | | 1E-03 | 1E-07 | | 8E-01 | 8E-07 | No | No | No |
| 24602 NEPTUNE AVE | 8.3 | 1E-01 | 2E-01 | 2E-07 | | 2E-03 | 1E-06 | | 2E-01 | 1E-06 | No | No | No |
| 24602 PANAMA AVE | 20 | 2E-01 | 8E-01 | 3E-07 | | 4E-03 | 2E-07 | | 8E-01 | 5E-07 | No | No | No |
| 24602 RAVENNA AVE | 15 | 2E-01 | 2E-01 | 3E-07 | | 4E-03 | 2E-07 | | 2E-01 | 5E-07 | No | No | No |
| 24603 MARBELLA AVE | 16 | 2E-01 | **5E+00** | 7E-07 | TPHd; TPHmo | 1E+00 | **1E-04** | Benzene, Ethylbenzene | **6E+00** | **1E-04** | Yes | Yes | Yes |
| 24603 NEPTUNE AVE | 7.9 | 1E-01 | **2E+00** | **5E-06** | Benzene; Ethylbenzene | 1E-03 | 6E-08 | | **2E+00** | **5E-06** | Yes | No | Yes |
| 24603 PANAMA AVE | 13 | 2E-01 | 1E+00 | 3E-07 | | 3E-02 | 3E-07 | | 1E+00 | 6E-07 | No | No | No |
| 24603 RAVENNA AVE | 22 | 3E-01 | **6E+00** | 3E-07 | Thallium > bkgd | 6E-03 | 1E-07 | | **6E+00** | 4E-07 | Yes | No | Yes |
| 24606 MARBELLA AVE | 8.1 | 1E-01 | **8E+00** | **7E-06** | TPHd; TPHmo; Benzene; Naphthalene | 5E-03 | 2E-07 | | **8E+00** | **7E-06** | Yes | No | Yes |
| 24607 MARBELLA AVE | 14 | 2E-01 | 7E-01 | 2E-07 | | 5E-03 | 5E-07 | | 7E-01 | 7E-07 | No | No | No |
| 24608 NEPTUNE AVE | 30 | 4E-01 | **5E+00** | **2E-06** | TPHd | 6E-03 | 1E-06 | | **5E+00** | **3E-06** | Yes | No | Yes |
| 24608 PANAMA AVE | 116 | 1E+00 | **2E+01** | 1E-06 | TPHd; TPHmo; Thallium > bkgd | 2E-02 | 1E-06 | | **2E+01** | **2E-06** | Yes | No | Yes |
| 24608 RAVENNA AVE | 18 | 2E-01 | **4E+00** | **2E-06** | TPHd | 4E-03 | 7E-07 | | **4E+00** | **3E-06** | Yes | No | Yes |
| 24609 NEPTUNE AVE | 8.5 | 1E-01 | **1E+01** | **8E-06** | TPHd; TPHmo; Benzene; Naphthalene | 2E-03 | 9E-07 | | **1E+01** | **9E-06** | Yes | No | Yes |
| 24609 PANAMA AVE | 19 | 2E-01 | **3E+00** | 3E-07 | TPHd | 3E-02 | **5E-06** | Carbon Tetrachloride | **3E+00** | **5E-06** | Yes | Yes | Yes |
| 24609 RAVENNA AVE | 6.6 | 8E-02 | 1E+00 | 2E-07 | | 2E-03 | 6E-08 | | 1E+00 | 3E-07 | No | No | No |
| 24612 MARBELLA AVE | 26 | 3E-01 | **9E+00** | **6E-06** | TPHd; TPHmo; Benzene | 2E-05 | | | **9E+00** | **6E-06** | Yes | No | Yes |
| 24612 NEPTUNE AVE | 8.3 | 1E-01 | **7E+00** | **5E-06** | TPHd; TPHmo; Benzene; Naphthalene | 1E-03 | 6E-08 | | **7E+00** | **5E-06** | Yes | No | Yes |
| 24612 PANAMA AVE | 12 | 1E-01 | 1E+00 | 8E-07 | | 1E-03 | 6E-08 | | 1E+00 | 9E-07 | No | No | No |
| 24612 RAVENNA AVE | 35 | 4E-01 | **5E+00** | 1E-07 | TPHd; TPHmo | 4E-03 | 2E-07 | | **5E+00** | 3E-07 | Yes | No | Yes |
| 24613 MARBELLA AVE | 9.8 | 1E-01 | 7E-01 | 3E-07 | Arsenic > bkgd | 1E-02 | 7E-07 | | 7E-01 | 1E-06 | Yes | No | No |

**Table 19**
**Cumulative Risk and Hazard Results Across Media**
**(Soil and Sub-Slab Soil Vapor to Indoor Air), Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤5 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to IA | | Exceeds Soil HHRA? | Exceeds SV to IA HHRA? | Exceeds Both Soil + SV to IA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to IA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24613 NEPTUNE AVE | 9.2 | 1E-01 | **6E+00** | **3E-06** | TPHd; TPHmo | 2E-03 | 7E-07 | | **6E+00** | **4E-06** | Yes | No | Yes |
| 24613 PANAMA AVE | 51 | 6E-01 | **1E+01** | 5E-07 | TPHd; TPHmo | 2E-02 | **2E-06** | no COC-specific risk >1E-06 | **1E+01** | **3E-06** | Yes | Yes | Yes |
| 24613 RAVENNA AVE | 7.2 | 9E-02 | **2E+00** | **2E-06** | no COC-specific HQ >1 or risk >1E-06 | 1E-02 | 4E-07 | | **2E+00** | **2E-06** | Yes | No | Yes |
| 24616 MARBELLA AVE | 9.4 | 1E-01 | **1E+01** | **1E-05** | TPHd; TPHmo; BaP, 1-MN, Benzene; Naphthalene; VC | 7E-02 | 8E-07 | | **1E+01** | **1E-05** | Yes | No | Yes |
| 24617 MARBELLA AVE | 11 | 1E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1; Thallium > bkgd | 5E-03 | 3E-07 | | **2E+00** | 5E-07 | Yes | No | Yes |
| 24618 NEPTUNE AVE | 12 | 1E-01 | **4E+00** | 1E-06 | TPHd | 2E-03 | 2E-07 | | **4E+00** | 1E-06 | Yes | No | Yes |
| 24618 PANAMA AVE | 15 | 2E-01 | **3E+00** | 2E-07 | TPHd | 1E-03 | 6E-08 | | **3E+00** | 3E-07 | Yes | No | Yes |
| 24618 RAVENNA AVE | 4.6 | 6E-02 | 1E+00 | 6E-07 | | 4E-03 | 2E-07 | | 1E+00 | 8E-07 | No | No | No |
| 24619 NEPTUNE AVE | 11 | 1E-01 | **5E+00** | **2E-06** | TPHd | 5E-04 | 2E-08 | | **5E+00** | **2E-06** | Yes | No | Yes |
| 24619 PANAMA AVE | 19 | 2E-01 | **3E+00** | 1E-06 | TPHd | 1E-02 | 6E-07 | | **3E+00** | **2E-06** | Yes | No | Yes |
| 24619 RAVENNA AVE | 7.0 | 9E-02 | 2E-01 | 3E-07 | | 3E-03 | 2E-07 | | 2E-01 | 5E-07 | No | No | No |
| 24622 MARBELLA AVE | 12 | 1E-01 | **1E+01** | **1E-05** | TPHd; TPHmo; BaP; Naphthalene; Arsenic > bkgd | 2E-04 | 2E-08 | | **1E+01** | **1E-05** | Yes | No | Yes |
| 24622 NEPTUNE AVE | 17 | 2E-01 | **4E+00** | 1E-06 | TPHd | 6E-03 | 5E-07 | | **4E+00** | **2E-06** | Yes | No | Yes |
| 24623 MARBELLA AVE | 11 | 1E-01 | **8E+00** | **2E-06** | TPHd; TPHg | 9E-03 | **3E-06** | Benzene | **8E+00** | **5E-06** | Yes | Yes | Yes |
| 24623 NEPTUNE AVE | 16 | 2E-01 | **4E+00** | **2E-06** | TPHd | 4E-03 | 2E-07 | | **4E+00** | **2E-06** | Yes | No | Yes |
| 24627 MARBELLA AVE | 11 | 1E-01 | **7E+00** | **3E-06** | TPHd; Naphthalene | 5E-03 | 2E-07 | | **7E+00** | **3E-06** | Yes | No | Yes |
| 24628 MARBELLA AVE | 18 | 2E-01 | **7E+00** | **6E-06** | TPHd; TPHmo; Benzene; Ethylbenzene | 1E-03 | 5E-08 | | **7E+00** | **6E-06** | Yes | No | Yes |
| 24628 NEPTUNE AVE | 12 | 2E-01 | 3E-01 | 2E-08 | | 6E-03 | 9E-08 | | 3E-01 | 1E-07 | No | No | No |
| 24629 NEPTUNE AVE | 10 | 1E-01 | **6E+00** | **2E-06** | TPHd; TPHmo | 2E-02 | **6E-06** | Benzene | **6E+00** | **8E-06** | Yes | Yes | Yes |
| 24632 NEPTUNE AVE | 18 | 2E-01 | **3E+00** | 5E-07 | TPHd | 1E-02 | 6E-07 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24633 MARBELLA AVE | 80 | 1E+00 | **5E+00** | 7E-08 | TPHd; TPHmo | 5E-03 | 2E-07 | | **5E+00** | 3E-07 | Yes | No | Yes |
| 24700 MARBELLA AVE | 17 | 2E-01 | **6E+00** | 1E-06 | TPHd; TPHmo | 1E-02 | 8E-07 | | **6E+00** | **2E-06** | Yes | No | Yes |
| 24700 RAVENNA AVE | 19 | 2E-01 | 1E+00 | 3E-07 | | 3E-03 | 2E-07 | | 1E+00 | 5E-07 | No | No | No |
| 24702 NEPTUNE AVE | 12 | 2E-01 | **4E+00** | 6E-07 | TPHd; TPHmo | 2E-05 | | | **4E+00** | 6E-07 | Yes | No | Yes |
| 24702 PANAMA AVE | 35 | 4E-01 | **3E+00** | **5E-06** | TPHd; Benzene | 9E-04 | 1E-07 | | **3E+00** | **5E-06** | Yes | No | Yes |
| 24703 MARBELLA AVE | 17 | 2E-01 | **2E+00** | 2E-07 | no COC-specific HQ >1 | 4E-03 | 7E-07 | | **2E+00** | 9E-07 | Yes | No | Yes |
| 24703 NEPTUNE AVE | 11 | 1E-01 | **5E+00** | 9E-07 | TPHd; TPHmo | 4E-02 | 5E-07 | | **5E+00** | 1E-06 | Yes | No | Yes |
| 24703 PANAMA AVE | 16 | 2E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | 5E-03 | 2E-07 | | **2E+00** | 6E-07 | Yes | No | Yes |
| 24703 RAVENNA AVE | 9.2 | 1E-01 | **3E+00** | **2E-06** | TPHd | 3E-03 | 2E-07 | | **3E+00** | **2E-06** | Yes | No | Yes |
| 24706 MARBELLA AVE | 10 | 1E-01 | **5E+00** | **2E-06** | TPHd | 3E-02 | 5E-07 | | **5E+00** | **3E-06** | Yes | No | Yes |
| 24706 RAVENNA AVE | 32 | 4E-01 | **2E+00** | 3E-09 | no COC-specific HQ >1 | 5E-03 | 6E-07 | | **2E+00** | 6E-07 | Yes | No | Yes |
| 24707 MARBELLA AVE | 14 | 2E-01 | 7E-01 | 2E-07 | | 5E-03 | 4E-07 | | 7E-01 | 6E-07 | No | No | No |
| 24708 PANAMA AVE | 16 | 2E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | 3E-03 | 1E-06 | | **2E+00** | 1E-06 | Yes | No | Yes |
| 24709 NEPTUNE AVE | 13 | 2E-01 | **3E+00** | 8E-07 | TPHd | 1E-01 | **5E-06** | Naphthalene | **3E+00** | **6E-06** | Yes | Yes | Yes |
| 24709 PANAMA AVE | 12 | 2E-01 | **2E+00** | 1E-06 | no COC-specific HQ >1 | 2E-02 | 7E-07 | | **2E+00** | **2E-06** | Yes | No | Yes |
| 24709 RAVENNA AVE | 9.3 | 1E-01 | **3E+00** | **2E-06** | TPHd | 3E-02 | 7E-07 | | **3E+00** | **3E-06** | Yes | No | Yes |
| 24710 MARBELLA AVE | 28 | 4E-01 | **8E+00** | **4E-06** | TPHd; TPHmo; Benzene | 4E-02 | 3E-07 | | **8E+00** | **4E-06** | Yes | No | Yes |
| 24712 NEPTUNE AVE | 13 | 2E-01 | **2E+00** | 4E-07 | TPHd | 8E-02 | **2E-06** | Naphthalene | **2E+00** | **2E-06** | Yes | Yes | Yes |
| 24712 PANAMA AVE | 67 | 8E-01 | **7E+00** | 7E-07 | TPHd; TPHmo | 6E-04 | 2E-08 | | **7E+00** | 7E-07 | Yes | No | Yes |
| 24712 RAVENNA AVE | 35 | 4E-01 | **2E+00** | 7E-07 | no COC-specific HQ >1 | 4E-03 | 2E-07 | | **2E+00** | 9E-07 | Yes | No | Yes |

**Table 19**
**Cumulative Risk and Hazard Results Across Media**
**(Soil and Sub-Slab Soil Vapor to Indoor Air), Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤5 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to IA | | Exceeds Soil HHRA? | Exceeds SV to IA HHRA? | Exceeds Both Soil + SV to IA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to IA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24713 MARBELLA AVE | 6.9 | 9E-02 | 7E-01 | 2E-07 | | 1E-03 | 6E-08 | | 7E-01 | 3E-07 | No | No | No |
| 24713 PANAMA AVE | 17 | 2E-01 | **3E+00** | 2E-07 | TPHd | 2E-02 | 1E-06 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24713 RAVENNA AVE | 6.7 | 8E-02 | **3E+00** | 1E-06 | TPHd | 8E-04 | 4E-08 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24715 NEPTUNE AVE | 12 | 2E-01 | **6E+00** | **5E-06** | TPHd; TPHmo; BaP | 6E-03 | 2E-07 | | **6E+00** | **5E-06** | Yes | No | Yes |
| 24716 MARBELLA AVE | 15 | 2E-01 | **6E+00** | **4E-06** | TPHd; Ethylbenzene | 3E-02 | 5E-07 | | **6E+00** | **5E-06** | Yes | No | Yes |
| 24716 RAVENNA AVE | 13 | 2E-01 | **3E+00** | 5E-08 | TPHd | 1E-03 | 4E-08 | | **3E+00** | 9E-08 | Yes | No | Yes |
| 24717 MARBELLA AVE | 7.2 | 9E-02 | **3E+00** | 1E-06 | TPHd | 4E-03 | 4E-07 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24718 NEPTUNE AVE | 5.8 | 7E-02 | **7E+00** | **3E-06** | TPHd; TPHmo; Antimony > bkgd; no COC-specific risk >1E-06 | 5E-03 | 4E-07 | | **7E+00** | **3E-06** | Yes | No | Yes |
| 24718 PANAMA AVE | 23 | 3E-01 | **3E+00** | 5E-07 | TPHd | 3E-02 | 1E-06 | | **3E+00** | **2E-06** | Yes | No | Yes |
| 24719 NEPTUNE AVE | 32 | 4E-01 | **4E+00** | **2E-06** | TPHd | 5E-03 | 1E-06 | | **4E+00** | **3E-06** | Yes | No | Yes |
| 24719 PANAMA AVE | 17 | 2E-01 | **3E+00** | 3E-07 | TPHd | 2E-03 | 9E-08 | | **3E+00** | 4E-07 | Yes | No | Yes |
| 24719 RAVENNA AVE | 19 | 2E-01 | **5E+00** | **2E-06** | TPHd | 3E-03 | 1E-07 | | **5E+00** | **2E-06** | Yes | No | Yes |
| 24722 MARBELLA AVE | 9.6 | 1E-01 | **2E+00** | 6E-07 | no COC-specific HQ >1 | 2E-03 | 3E-07 | | **2E+00** | 9E-07 | Yes | No | Yes |
| 24722 NEPTUNE AVE | 7.7 | 1E-01 | 4E-02 | 2E-07 | | 2E-02 | **6E-06** | Benzene | 6E-02 | **6E-06** | No | Yes | Yes |
| 24722 PANAMA AVE | 13 | 2E-01 | **2E+00** | 6E-08 | no COC-specific HQ >1 | 1E-02 | 7E-07 | | **2E+00** | 8E-07 | Yes | No | Yes |
| 24722 RAVENNA AVE | 36 | 5E-01 | **4E+00** | 6E-07 | TPHd; TPHmo | 2E-03 | 6E-08 | | **4E+00** | 7E-07 | Yes | No | Yes |
| 24723 MARBELLA AVE | 9.6 | 1E-01 | **3E+00** | 2E-07 | no COC-specific HQ >1 | 2E-02 | **3E-06** | PCE | **3E+00** | **3E-06** | Yes | Yes | Yes |
| 24723 RAVENNA AVE | 17 | 2E-01 | 1E+00 | 4E-07 | | 7E-04 | 3E-08 | | 1E+00 | 4E-07 | No | No | No |
| 24725 NEPTUNE AVE | 30 | 4E-01 | 4E-01 | 2E-07 | | 7E-03 | 3E-07 | | 4E-01 | 5E-07 | No | No | No |
| 24726 MARBELLA AVE | 9.5 | 1E-01 | 1E+00 | 3E-07 | | 3E-03 | 3E-07 | | 1E+00 | 6E-07 | No | No | No |
| 24726 RAVENNA AVE | 6.6 | 8E-02 | 1E+00 | 3E-07 | | 1E-03 | 6E-08 | | 1E+00 | 4E-07 | No | No | No |
| 24727 MARBELLA AVE | 20 | 2E-01 | **6E+00** | 1E-06 | TPHd; TPHmo | 5E-04 | 2E-07 | | **6E+00** | 1E-06 | Yes | No | Yes |
| 24728 NEPTUNE AVE | 7.5 | 9E-02 | **3E+00** | **6E-06** | Benzene | 2E-02 | 1E-06 | | **3E+00** | **7E-06** | Yes | No | Yes |
| 24728 PANAMA AVE | 80 | 1E+00 | **2E+01** | 7E-07 | TPHd; TPHmo | 7E-03 | 1E-07 | | **2E+01** | 8E-07 | Yes | No | Yes |
| 24729 NEPTUNE AVE | 42 | 5E-01 | 1E+00 | 3E-07 | | 6E-03 | 4E-07 | | 1E+00 | 7E-07 | No | No | No |
| 24729 PANAMA AVE | 17 | 2E-01 | 6E-01 | 3E-07 | | 7E-04 | 3E-08 | | 6E-01 | 3E-07 | No | No | No |
| 24729 RAVENNA AVE | 19 | 2E-01 | 2E-01 | 3E-07 | | 1E-03 | 2E-07 | | 2E-01 | 5E-07 | No | No | No |
| 24732 MARBELLA AVE | 8.6 | 1E-01 | **3E+00** | 1E-06 | TPHd | 2E-03 | 1E-07 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24732 NEPTUNE AVE | 9.5 | 1E-01 | **8E+00** | **2E-05** | TPHd; TPHmo; Benzene; Naphthalene | 2E-03 | 1E-07 | | **8E+00** | **2E-05** | Yes | No | Yes |
| 24732 PANAMA AVE | 14 | 2E-01 | 7E-01 | 3E-07 | | 2E-02 | 8E-07 | | 7E-01 | 1E-06 | No | No | No |
| 24732 RAVENNA AVE | 8.1 | 1E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | 2E-02 | 2E-07 | | **2E+00** | 5E-07 | Yes | No | Yes |
| 24733 MARBELLA AVE | 10 | 1E-01 | **2E+00** | 8E-07 | no COC-specific HQ >1 | 6E-03 | 6E-07 | | **2E+00** | 1E-06 | Yes | No | Yes |
| 24733 PANAMA AVE | 32 | 4E-01 | 1E+00 | 5E-07 | | 1E-02 | 9E-07 | | 1E+00 | 1E-06 | No | No | No |
| 24733 RAVENNA AVE | 9.4 | 1E-01 | 1E+00 | 4E-07 | Thallium > bkgd | 2E-03 | 1E-07 | | 1E+00 | 5E-07 | Yes | No | No |
| 24735 NEPTUNE AVE | 13 | 2E-01 | **3E+00** | 3E-07 | TPHd | 1E-03 | 5E-08 | | **3E+00** | 4E-07 | Yes | No | Yes |
| 24736 MARBELLA AVE | 13 | 2E-01 | 7E-01 | 2E-07 | | | | | 7E-01 | 2E-07 | No | No | No |
| 24736 RAVENNA AVE | 6.5 | 8E-02 | **5E+00** | **2E-06** | TPHd; TPHmo | 6E-02 | 2E-07 | | **5E+00** | **2E-06** | Yes | No | Yes |
| 24737 MARBELLA AVE | 18 | 2E-01 | **6E+00** | 1E-06 | TPHd; TPHmo | 9E-03 | 6E-07 | | **6E+00** | **2E-06** | Yes | No | Yes |
| 24738 NEPTUNE AVE | 24 | 3E-01 | **1E+01** | **2E-05** | TPHd; TPHmo; TPHg; Benzene; Naphthalene | 5E-02 | **2E-06** | no COC-specific risk >1E-06 | **1E+01** | **2E-05** | Yes | Yes | Yes |
| 24738 PANAMA AVE | 39 | 5E-01 | **3E+00** | 3E-07 | TPHd | 1E-02 | 1E-06 | | **3E+00** | 1E-06 | Yes | No | Yes |

**Table 19**
**Cumulative Risk and Hazard Results Across Media**
**(Soil and Sub-Slab Soil Vapor to Indoor Air), Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤5 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to IA | | Exceeds Soil HHRA? | Exceeds SV to IA HHRA? | Exceeds Both Soil + SV to IA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to IA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24739 NEPTUNE AVE | 15 | 2E-01 | **3E+00** | 4E-07 | no COC-specific HQ >1 | 1E-02 | 2E-07 | | **3E+00** | 6E-07 | Yes | No | Yes |
| 24739 PANAMA AVE | 12 | 2E-01 | **9E+00** | **3E-06** | TPHd; TPHmo; Naphthalene | 3E-03 | 5E-08 | | **9E+00** | **3E-06** | Yes | No | Yes |
| 24739 RAVENNA AVE | 12 | 2E-01 | **2E+01** | **2E-05** | TPHd; TPHmo; TPHg; Benzene; Naphthalene | 2E-02 | 2E-07 | | **2E+01** | **2E-05** | Yes | No | Yes |
| 24740 MARBELLA AVE | 15 | 2E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | 3E-03 | 5E-07 | | **2E+00** | 8E-07 | Yes | No | Yes |
| 24741 MARBELLA AVE | 14 | 2E-01 | 1E+00 | 4E-07 | | 2E-01 | **6E-06** | PCE | 1E+00 | **6E-06** | No | Yes | Yes |
| 24743 RAVENNA AVE | 10 | 1E-01 | **1E+01** | **4E-06** | TPHd; TPHmo | 3E-03 | 1E-07 | | **1E+01** | **4E-06** | Yes | No | Yes |
| 24744 MARBELLA AVE | 12 | 1E-01 | **7E+00** | 4E-07 | TPHd; TPHmo | 7E-02 | **2E-06** | no COC-specific risk >1E-06 | **7E+00** | **2E-06** | Yes | Yes | Yes |
| 24748 RAVENNA AVE | 8.6 | 1E-01 | **6E+00** | **3E-06** | TPHd; TPHmo | 4E-03 | 6E-07 | | **6E+00** | **4E-06** | Yes | No | Yes |
| 24749 RAVENNA AVE | 24 | 3E-01 | **6E+00** | 8E-07 | TPHd; TPHmo | 1E-01 | **3E-05** | Benzene | **6E+00** | **3E-05** | Yes | Yes | Yes |
| 24752 RAVENNA AVE | 48 | 6E-01 | **6E+00** | **2E-06** | TPHd; TPHmo; Naphthalene | 2E-05 | | | **6E+00** | **2E-06** | Yes | No | Yes |
| 24802 PANAMA AVE | 18 | 2E-01 | **3E+00** | 5E-07 | no COC-specific HQ >1 | 3E-03 | 5E-07 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24803 NEPTUNE AVE | 14 | 2E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | 3E-03 | 1E-07 | | **2E+00** | 4E-07 | Yes | No | Yes |
| 24803 PANAMA AVE | 5.2 | 7E-02 | **4E+00** | **6E-06** | TPHd; Benzene; Naphthalene | 4E-03 | 8E-07 | | **4E+00** | **7E-06** | Yes | No | Yes |
| 24808 PANAMA AVE | 15 | 2E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | 1E-03 | 6E-08 | | **2E+00** | 5E-07 | Yes | No | Yes |
| 24809 NEPTUNE AVE | 17 | 2E-01 | **2E+00** | 4E-07 | no COC-specific HQ >1 | 4E-02 | 2E-07 | | **2E+00** | 6E-07 | Yes | No | Yes |
| 24809 PANAMA AVE | 8.7 | 1E-01 | **6E+00** | **3E-06** | TPHd; TPHmo | 3E-03 | 5E-07 | | **6E+00** | **4E-06** | Yes | No | Yes |
| 24812 PANAMA AVE | 14 | 2E-01 | 8E-01 | 2E-07 | | 1E-03 | 5E-08 | | 8E-01 | 3E-07 | No | No | No |
| 24813 PANAMA AVE | 19 | 2E-01 | **6E+00** | **4E-06** | TPHd; TPHmo; Naphthalene | 4E-03 | 4E-07 | | **6E+00** | **4E-06** | Yes | No | Yes |
| 24815 NEPTUNE AVE | 23 | 3E-01 | **3E+00** | 4E-07 | TPHd | 4E-03 | 3E-07 | | **3E+00** | 7E-07 | Yes | No | Yes |
| 24818 PANAMA AVE | 29 | 4E-01 | **1E+01** | **2E-06** | TPHd; TPHmo | 3E-03 | 1E-07 | | **1E+01** | **2E-06** | Yes | No | Yes |
| 24819 PANAMA AVE | 61 | 8E-01 | **5E+00** | **4E-06** | TPHd; Benzene | 1E-02 | 5E-07 | | **5E+00** | **5E-06** | Yes | No | Yes |
| 24822 PANAMA AVE | 25 | 3E-01 | **1E+01** | 8E-07 | TPHd; TPHmo | 3E-03 | 1E-07 | | **1E+01** | 9E-07 | Yes | No | Yes |
| 24823 PANAMA AVE | 8.0 | 1E-01 | **3E+00** | 3E-07 | TPHd | 5E-04 | 2E-07 | | **3E+00** | 5E-07 | Yes | No | Yes |
| 24825 NEPTUNE AVE | 15 | 2E-01 | 3E-01 | 2E-07 | | 1E-02 | 5E-07 | | 3E-01 | 7E-07 | No | No | No |
| 24828 PANAMA AVE | 49 | 6E-01 | **2E+01** | 8E-09 | TPHd; TPHmo | 4E-03 | 2E-07 | | **2E+01** | 2E-07 | Yes | No | Yes |
| 24829 PANAMA AVE | 9.3 | 1E-01 | 1E+00 | 7E-07 | | 1E-02 | 1E-06 | | 1E+00 | **2E-06** | No | No | Yes |
| 24832 PANAMA AVE | 12 | 1E-01 | 1E+00 | 2E-08 | | 2E-03 | 8E-08 | | 1E+00 | 1E-07 | No | No | No |
| 24833 PANAMA AVE | 12 | 1E-01 | 1E+00 | 3E-07 | | 6E-02 | 1E-06 | | 1E+00 | 1E-06 | No | No | No |
| 24838 PANAMA AVE | 21 | 3E-01 | **7E+00** | 4E-07 | TPHd; TPHmo | 1E-02 | 9E-07 | | **7E+00** | 1E-06 | Yes | No | Yes |
| 24904 NEPTUNE AVE | 12 | 2E-01 | 9E-01 | 3E-07 | | 4E-03 | 4E-07 | | 9E-01 | 7E-07 | No | No | No |
| 24912 NEPTUNE AVE | 21 | 3E-01 | 1E-01 | 2E-07 | | 6E-02 | 1E-06 | | 2E-01 | 1E-06 | No | No | No |
| 301 244TH ST | 13 | 2E-01 | 8E-01 | 3E-07 | | 9E-03 | 1E-06 | | 8E-01 | 1E-06 | No | No | No |
| 305 244TH ST | 37 | 5E-01 | **2E+01** | 5E-07 | TPHd; TPHmo | 4E-03 | 3E-07 | | **2E+01** | 8E-07 | Yes | No | Yes |
| 311 244TH ST | 78 | 1E+00 | **4E+01** | **3E-05** | TPHd; TPHmo; BaP; BaA; BbF | 2E-03 | 9E-08 | | **4E+01** | **3E-05** | Yes | No | Yes |
| 317 244TH ST | 51 | 6E-01 | **2E+01** | 2E-07 | TPHd; TPHmo | 1E-02 | **2E-05** | Carbon Tetrachloride | **2E+01** | **2E-05** | Yes | Yes | Yes |
| 321 244TH ST | 15 | 2E-01 | 8E-01 | 2E-07 | Arsenic > bkgd | 5E-03 | 2E-07 | | 8E-01 | 4E-07 | Yes | No | No |
| 327 244TH ST | 9.7 | 1E-01 | 7E-01 | 6E-07 | | 7E-04 | 3E-08 | | 7E-01 | 6E-07 | No | No | No |
| 331 244TH ST | 9.2 | 1E-01 | 7E-01 | 5E-07 | Arsenic > bkgd | 4E-03 | 6E-07 | | 7E-01 | 1E-06 | Yes | No | No |
| 337 244TH ST | 9.0 | 1E-01 | 1E+00 | 2E-07 | | 1E-03 | 6E-08 | | 1E+00 | 3E-07 | No | No | No |
| 341 244TH ST | 11 | 1E-01 | 6E-01 | 5E-07 | | 4E-03 | 2E-07 | | 6E-01 | 7E-07 | No | No | No |

**Table 19**
**Cumulative Risk and Hazard Results Across Media**
**(Soil and Sub-Slab Soil Vapor to Indoor Air), Onsite Resident**
Former Kast Property

| Location | Resident (EF = 350 d/y) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤5 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to IA | | Exceeds Soil HHRA? | Exceeds SV to IA HHRA? | Exceeds Both Soil + SV to IA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to IA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 344 249TH ST | 18 | 2E-01 | **2E+00** | 8E-09 | no COC-specific HQ >1 | 1E-03 | 7E-08 | | **2E+00** | 8E-08 | Yes | No | Yes |
| 345 249TH ST | 28 | 3E-01 | 1E+00 | 3E-07 | | 1E-02 | 4E-07 | | 1E+00 | 7E-07 | No | No | No |
| 347 244TH ST | 14 | 2E-01 | 7E-01 | 4E-07 | | 1E-03 | 6E-08 | | 7E-01 | 5E-07 | No | No | No |
| 348 248TH ST | 12 | 2E-01 | **8E+00** | **4E-06** | TPHd; TPHmo; Naphthalene | 6E-03 | **3E-06** | Carbon Tetrachloride | **8E+00** | **7E-06** | Yes | Yes | Yes |
| 348 249TH ST | 36 | 4E-01 | 1E+00 | 6E-07 | | 4E-03 | 3E-07 | | 1E+00 | 9E-07 | No | No | No |
| 351 244TH ST | 39 | 5E-01 | **3E+00** | 6E-07 | no COC-specific HQ >1 | 8E-03 | 1E-06 | | **3E+00** | **2E-06** | Yes | No | Yes |
| 352 249TH ST | 20 | 2E-01 | 8E-01 | 2E-07 | | 5E-02 | **5E-06** | PCE | 9E-01 | **5E-06** | No | Yes | Yes |
| 353 249TH ST | 9.6 | 1E-01 | **3E+00** | **4E-06** | TPHd; Benzene | 1E-03 | 1E-07 | | **3E+00** | **4E-06** | Yes | No | Yes |
| 354 248TH ST | 14 | 2E-01 | **4E+00** | **2E-06** | TPHd; Naphthalene | 3E-03 | 3E-07 | | **4E+00** | **2E-06** | Yes | No | Yes |
| 357 244TH ST | 9.7 | 1E-01 | 6E-01 | 3E-07 | | 4E-03 | 3E-07 | | 6E-01 | 6E-07 | No | No | No |
| 357 249TH ST | 9.7 | 1E-01 | 6E-01 | 3E-08 | | 3E-03 | 1E-06 | | 6E-01 | 1E-06 | No | No | No |
| 358 249TH ST | 10 | 1E-01 | **3E+00** | 9E-07 | TPHd | 3E-03 | 1E-07 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 360 248TH ST | 8.0 | 1E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | 4E-03 | 9E-07 | | **2E+00** | 1E-06 | Yes | No | Yes |
| 361 244TH ST | 11 | 1E-01 | 6E-01 | 6E-07 | | 2E-02 | 6E-08 | | 6E-01 | 7E-07 | No | No | No |
| 362 249TH ST | 19 | 2E-01 | 1E+00 | 4E-08 | | 2E-02 | 9E-07 | | 1E+00 | 9E-07 | No | No | No |
| 363 249TH ST | 33 | 4E-01 | 8E-01 | 3E-08 | | 3E-03 | 1E-07 | | 8E-01 | 1E-07 | No | No | No |
| 364 248TH ST | 11 | 1E-01 | **4E+00** | 1E-06 | TPHd | 4E-03 | 9E-07 | | **4E+00** | **2E-06** | Yes | No | Yes |
| 367 244TH ST | 88 | 1E+00 | **8E+00** | 7E-10 | TPHd; TPHmo | 1E-03 | 5E-07 | | **8E+00** | 5E-07 | Yes | No | Yes |
| 367 249TH ST | 16 | 2E-01 | 1E+00 | 2E-07 | | 1E-02 | 3E-07 | | 1E+00 | 5E-07 | No | No | No |
| 368 249TH ST | 28 | 4E-01 | **6E+00** | **2E-06** | TPHd; TPHmo | 5E-03 | 3E-07 | | **6E+00** | **2E-06** | Yes | No | Yes |
| 373 249TH ST | 19 | 2E-01 | 1E+00 | 2E-07 | | 1E-03 | 5E-08 | | 1E+00 | 3E-07 | No | No | No |
| 374 248TH ST | 18 | 2E-01 | **5E+00** | 5E-07 | TPHd; TPHmo | 2E-02 | 5E-07 | | **5E+00** | 1E-06 | Yes | No | Yes |
| 374 249TH ST | 21 | 3E-01 | **4E+00** | **2E-06** | TPHd | 1E-03 | 5E-08 | | **4E+00** | **2E-06** | Yes | No | Yes |
| 377 244TH ST | 13 | 2E-01 | 8E-01 | 3E-07 | | 7E-04 | 2E-07 | | 8E-01 | 5E-07 | No | No | No |
| 377 249TH ST | 8.0 | 1E-01 | **4E+00** | 8E-07 | TPHd | 1E-02 | 3E-07 | | **4E+00** | 1E-06 | Yes | No | Yes |
| 378 249TH ST | 14 | 2E-01 | **3E+00** | 6E-07 | TPHd | **5E+00** | **2E-03** | Benzene, Ethylbenzene, Methylene Chloride, Naphthalene | **8E+00** | **2E-03** | Yes | Yes | Yes |
| 383 249TH ST | 13 | 2E-01 | **2E+00** | 7E-08 | no COC-specific HQ >1 | 3E-01 | **3E-06** | Naphthalene | **2E+00** | **3E-06** | Yes | Yes | Yes |
| 402 249TH ST | 11 | 1E-01 | **3E+00** | 6E-07 | TPHd | 2E-03 | 9E-08 | | **3E+00** | 7E-07 | Yes | No | Yes |
| 408 249TH ST | 46 | 6E-01 | 2E-01 | 3E-07 | | 3E-05 | 2E-07 | | 2E-01 | 5E-07 | No | No | No |
| 412 249TH ST | 49 | 6E-01 | **2E+00** | 3E-07 | no COC-specific HQ >1 | 7E-03 | 4E-07 | | **2E+00** | 7E-07 | Yes | No | Yes |

Notes:
EF = exposure frequency; COC = constituent of concern; 95UCL = 95% upper confidence limit
ft bgs = feet below ground surface; bkgd = background; SV to IA = soil vapor to indoor air
TPHd = Total Petroleum Hydrocarbons- diesel range; TPHg = gasoline range; TPHmo = motor oil range
BaP = benzo(a)pyrene; BaA = Benzo(a)Anthracene; BbF = Benzo(b)Fluoranthene; MC = methylene chloride; MN = Methylnaphthalene; PCE = tetrachloroethene; TCE = trichloroethene; VC = vinyl chloride
Lead Hazard = 95UCL of Lead ÷ SSCG of 80 mg/kg for an onsite resident (where SSCG = Site-specific cleanup goal)
**Bold** + Shaded if cumulative noncancer hazard >1 or cumulative cancer risk >1E-06

**Table 20**

**Cumulative Risk and Hazard Results Across Media**

**(Soil and Soil Vapor to Outdoor Air), Construction and Utility Maintenance Worker**

Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to OA | | Exceeds Soil HHRA? | Exceeds SV to OA HHRA? | Exceeds Both Soil + SV to OA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to OA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24401 MARBELLA AVE | 25 | 3E-02 | 1E-01 | 2E-06 | | 2E-05 | 3E-09 | | 1E-01 | 2E-06 | No | No | No |
| 24402 NEPTUNE AVE | 9.1 | 1E-02 | 1E+00 | 2E-06 | | 2E-05 | 5E-10 | | 1E+00 | 2E-06 | No | No | No |
| 24402 PANAMA AVE | 10 | 1E-02 | 3E-01 | 1E-06 | | 5E-05 | 2E-09 | | 3E-01 | 1E-06 | No | No | No |
| 24402 RAVENNA AVE | 12 | 1E-02 | **6E+00** | 1E-05 | TPHd | 7E-06 | 2E-10 | | **6E+00** | 1E-05 | Yes | No | Yes |
| 24403 NEPTUNE AVE | 11 | 1E-02 | **6E+00** | 1E-05 | TPHd | 2E-05 | 6E-10 | | **6E+00** | 1E-05 | Yes | No | Yes |
| 24403 RAVENNA AVE | 13 | 2E-02 | 1E+00 | 2E-06 | | 3E-05 | 1E-09 | | 1E+00 | 2E-06 | No | No | No |
| 24405 MARBELLA AVE | 12 | 1E-02 | 2E-01 | 2E-06 | | 3E-05 | 3E-09 | | 2E-01 | 2E-06 | No | No | No |
| 24406 MARBELLA AVE | 12 | 1E-02 | **3E+00** | 1E-05 | TPHd | 8E-06 | 4E-10 | | **3E+00** | 1E-05 | Yes | No | Yes |
| 24406 NEPTUNE AVE | 22 | 3E-02 | **4E+00** | 1E-06 | TPHd | 4E-04 | 1E-08 | | **4E+00** | 1E-06 | Yes | No | Yes |
| 24406 PANAMA AVE | 23 | 3E-02 | 1E+00 | 1E-06 | | 6E-05 | 1E-09 | | 1E+00 | 1E-06 | No | No | No |
| 24406 RAVENNA AVE | 12 | 1E-02 | 5E-01 | 1E-06 | | 5E-06 | 2E-10 | | 5E-01 | 1E-06 | No | No | No |
| 24409 NEPTUNE AVE | 32 | 4E-02 | **2E+00** | 7E-07 | TPHd | 2E-05 | 7E-10 | | **2E+00** | 7E-07 | Yes | No | Yes |
| 24409 RAVENNA AVE | 37 | 5E-02 | 1E+00 | 1E-06 | | 7E-06 | 2E-09 | | 1E+00 | 1E-06 | No | No | No |
| 24410 PANAMA AVE | 13 | 2E-02 | 2E-01 | 1E-06 | | 8E-06 | 2E-10 | | 2E-01 | 1E-06 | No | No | No |
| 24411 MARBELLA AVE | 15 | 2E-02 | **2E+00** | 1E-06 | TPHd | 1E-04 | 4E-09 | | **2E+00** | 1E-06 | Yes | No | Yes |
| 24411 PANAMA AVE | 30 | 4E-02 | **5E+00** | 1E-05 | TPHd, Arsenic > bkgd | 4E-05 | 1E-09 | | **5E+00** | 1E-05 | Yes | No | Yes |
| 24412 MARBELLA AVE | 34 | 4E-02 | **5E+00** | 8E-06 | TPHd | 4E-04 | 3E-09 | | **5E+00** | 8E-06 | Yes | No | Yes |
| 24412 RAVENNA AVE | 10 | 1E-02 | **2E+00** | 2E-06 | no COC-specific HQ >1 | 4E-07 | 9E-11 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 24413 NEPTUNE AVE | 22 | 3E-02 | **3E+00** | 2E-06 | TPHd | 3E-05 | 1E-09 | | **3E+00** | 2E-06 | Yes | No | Yes |
| 24413 RAVENNA AVE | 28 | 3E-02 | 1E+00 | 1E-06 | | 4E-05 | 1E-09 | | 1E+00 | 1E-06 | No | No | No |
| 24416 MARBELLA AVE | 18 | 2E-02 | **5E+00** | 7E-06 | TPHd | 7E-06 | 2E-10 | | **5E+00** | 7E-06 | Yes | No | Yes |
| 24416 NEPTUNE AVE | 32 | 4E-02 | **7E+00** | 5E-08 | TPHd | 9E-06 | 3E-10 | | **7E+00** | 5E-08 | Yes | No | Yes |
| 24416 PANAMA AVE | 13 | 2E-02 | 2E-01 | 8E-07 | | 4E-05 | 1E-09 | | 2E-01 | 8E-07 | No | No | No |
| 24416 RAVENNA AVE | 11 | 1E-02 | **3E+00** | 9E-07 | TPHd | 5E-05 | 4E-09 | | **3E+00** | 9E-07 | Yes | No | Yes |
| 24417 MARBELLA AVE | 14 | 2E-02 | 1E-01 | 2E-06 | | 1E-05 | 5E-10 | | 1E-01 | 2E-06 | No | No | No |
| 24417 PANAMA AVE | 13 | 2E-02 | **3E+00** | 8E-06 | TPHd | 1E-05 | 5E-10 | | **3E+00** | 8E-06 | Yes | No | Yes |
| 24419 NEPTUNE AVE | 18 | 2E-02 | **2E+00** | 2E-06 | TPHd | 8E-07 | 9E-11 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 24419 RAVENNA AVE | 10 | 1E-02 | 3E-01 | 3E-07 | | 7E-06 | 3E-10 | | 3E-01 | 3E-07 | No | No | No |
| 24420 PANAMA AVE | 23 | 3E-02 | 8E-01 | 3E-07 | | 1E-05 | 4E-10 | | 8E-01 | 3E-07 | No | No | No |
| 24421 PANAMA AVE | 12 | 1E-02 | **4E+00** | 3E-06 | TPHd | 1E-05 | 3E-10 | | **4E+00** | 3E-06 | Yes | No | Yes |
| 24422 MARBELLA AVE | 8.3 | 1E-02 | **2E+00** | 3E-06 | TPHd | 2E-05 | 7E-10 | | **2E+00** | 3E-06 | Yes | No | Yes |
| 24422 NEPTUNE AVE | 13 | 2E-02 | 5E-01 | 3E-07 | | 3E-05 | 1E-09 | | 5E-01 | 3E-07 | No | No | No |
| 24422 RAVENNA AVE | 11 | 1E-02 | **3E+00** | 1E-06 | TPHd | 1E-05 | 4E-10 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24423 MARBELLA AVE | 31 | 4E-02 | 1E-01 | 1E-06 | | 1E-05 | 6E-10 | | 1E-01 | 1E-06 | No | No | No |
| 24423 NEPTUNE AVE | 7.1 | 9E-03 | **3E+00** | 3E-06 | TPHd | 5E-05 | 1E-09 | | **3E+00** | 3E-06 | Yes | No | Yes |
| 24423 RAVENNA AVE | 7.2 | 9E-03 | **2E+00** | 5E-06 | no COC-specific HQ >1 | 3E-05 | 9E-10 | | **2E+00** | 5E-06 | Yes | No | Yes |
| 24426 MARBELLA AVE | 16 | 2E-02 | **5E+00** | 1E-06 | TPHd | 6E-05 | 2E-09 | | **5E+00** | 1E-06 | Yes | No | Yes |
| 24426 NEPTUNE AVE | 10 | 1E-02 | 5E-01 | 1E-06 | | 2E-05 | 2E-09 | | 5E-01 | 1E-06 | No | No | No |
| 24426 PANAMA AVE | 11 | 1E-02 | 6E-01 | 1E-06 | | 9E-06 | 3E-10 | | 6E-01 | 1E-06 | No | No | No |
| 24426 RAVENNA AVE | 13 | 2E-02 | **2E+00** | 3E-06 | TPHd | 1E-04 | 4E-09 | | **2E+00** | 3E-06 | Yes | No | Yes |

**Table 20**

**Cumulative Risk and Hazard Results Across Media**

**(Soil and Soil Vapor to Outdoor Air), Construction and Utility Maintenance Worker**

Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to OA | | Exceeds Soil HHRA? | Exceeds SV to OA HHRA? | Exceeds Both Soil + SV to OA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to OA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24427 MARBELLA AVE | 10 | 1E-02 | 1E-01 | 1E-06 | | 1E-05 | 5E-10 | | 1E-01 | 1E-06 | No | No | No |
| 24427 PANAMA AVE | 21 | 3E-02 | 1E+00 | 2E-06 | | 3E-06 | 2E-10 | | 1E+00 | 2E-06 | No | No | No |
| 24429 NEPTUNE AVE | 11 | 1E-02 | **5E+00** | 3E-06 | TPHd | 2E-05 | 8E-10 | | **5E+00** | 3E-06 | Yes | No | Yes |
| 24429 RAVENNA AVE | 10 | 1E-02 | 6E-01 | 7E-07 | | 7E-06 | 3E-10 | | 6E-01 | 7E-07 | No | No | No |
| 24430 PANAMA AVE | 13 | 2E-02 | 2E-02 | 5E-07 | | 5E-05 | 2E-09 | | 2E-02 | 5E-07 | No | No | No |
| 24431 PANAMA AVE | 14 | 2E-02 | 7E-01 | 2E-06 | | 2E-05 | 7E-10 | | 7E-01 | 2E-06 | No | No | No |
| 24432 MARBELLA AVE | 12 | 1E-02 | **2E+00** | 6E-07 | TPHd | 3E-05 | 1E-09 | | **2E+00** | 6E-07 | Yes | No | Yes |
| 24433 MARBELLA AVE | 68 | 8E-02 | **2E+00** | 5E-06 | TPHd | 3E-04 | 5E-09 | | **2E+00** | 5E-06 | Yes | No | Yes |
| 24436 PANAMA AVE | 8.2 | 1E-02 | 1E-02 | 5E-07 | | 2E-05 | 6E-10 | | 1E-02 | 5E-07 | No | No | No |
| 24502 MARBELLA AVE | 148 | 2E-01 | 1E+00 | 1E-06 | | 2E-05 | 5E-10 | | 1E+00 | 1E-06 | No | No | No |
| 24502 NEPTUNE AVE | 7.1 | 9E-03 | 1E+00 | 6E-07 | | 4E-05 | 1E-09 | | 1E+00 | 6E-07 | No | No | No |
| 24502 PANAMA AVE | 5.7 | 7E-03 | 2E-02 | 3E-07 | | 6E-05 | 2E-09 | | 2E-02 | 3E-07 | No | No | No |
| 24502 RAVENNA AVE | 11 | 1E-02 | **2E+00** | 2E-06 | TPHd | 2E-05 | 7E-10 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 24503 MARBELLA AVE | 9.5 | 1E-02 | 1E-01 | 1E-06 | | 2E-05 | 9E-10 | | 1E-01 | 1E-06 | No | No | No |
| 24503 NEPTUNE AVE | 10 | 1E-02 | **5E+00** | 8E-07 | TPHd | 1E-05 | 5E-10 | | **5E+00** | 8E-07 | Yes | No | Yes |
| 24503 PANAMA AVE | 9.3 | 1E-02 | **2E+00** | 7E-07 | TPHd | 2E-05 | 9E-10 | | **2E+00** | 7E-07 | Yes | No | Yes |
| 24503 RAVENNA AVE | 7.9 | 1E-02 | 9E-01 | 8E-07 | | 3E-06 | 1E-10 | | 9E-01 | 8E-07 | No | No | No |
| 24506 MARBELLA AVE | 15 | 2E-02 | **4E+00** | 7E-06 | TPHd | 9E-05 | 2E-09 | | **4E+00** | 7E-06 | Yes | No | Yes |
| 24507 MARBELLA AVE | 10 | 1E-02 | 1E-01 | 2E-06 | | 6E-06 | 2E-10 | | 1E-01 | 2E-06 | No | No | No |
| 24508 NEPTUNE AVE | 10 | 1E-02 | **2E+00** | 4E-06 | TPHd | 1E-05 | 4E-10 | | **2E+00** | 4E-06 | Yes | No | Yes |
| 24508 PANAMA AVE | 8.2 | 1E-02 | 5E-02 | 5E-07 | | 5E-03 | 3E-08 | | 6E-02 | 5E-07 | No | No | No |
| 24508 RAVENNA AVE | 14 | 2E-02 | **5E+00** | **2E-05** | TPHd, Benzene | 9E-06 | 3E-10 | | **5E+00** | **2E-05** | Yes | No | Yes |
| 24509 NEPTUNE AVE | 12 | 2E-02 | 1E+00 | 6E-07 | | 1E-05 | 5E-10 | | 1E+00 | 6E-07 | No | No | No |
| 24509 PANAMA AVE | 11 | 1E-02 | **3E+00** | 4E-06 | TPHd | 2E-05 | 6E-10 | | **3E+00** | 4E-06 | Yes | No | Yes |
| 24509 RAVENNA AVE | 22 | 3E-02 | **4E+00** | 1E-05 | TPHd | 2E-05 | 8E-10 | | **4E+00** | 1E-05 | Yes | No | Yes |
| 24512 MARBELLA AVE | 9.3 | 1E-02 | **6E+00** | 4E-06 | TPHd | 2E-05 | 7E-10 | | **6E+00** | 4E-06 | Yes | No | Yes |
| 24512 NEPTUNE AVE | 7.4 | 9E-03 | **2E+00** | 2E-06 | TPHd | 2E-05 | 7E-10 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 24512 PANAMA AVE | 7.6 | 9E-03 | 3E-02 | 5E-07 | | 1E-05 | 5E-10 | | 3E-02 | 5E-07 | No | No | No |
| 24512 RAVENNA AVE | 9.8 | 1E-02 | **2E+00** | 3E-06 | TPHd | 2E-05 | 7E-10 | | **2E+00** | 3E-06 | Yes | No | Yes |
| 24513 NEPTUNE AVE | 8.2 | 1E-02 | **2E+00** | 2E-06 | TPHd | 4E-05 | 2E-09 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 24513 PANAMA AVE | 7.5 | 9E-03 | **4E+00** | 5E-06 | TPHd | 4E-05 | 1E-09 | | **4E+00** | 5E-06 | Yes | No | Yes |
| 24513 RAVENNA AVE | 12 | 1E-02 | **4E+00** | 1E-06 | TPHd | 2E-05 | 1E-09 | | **4E+00** | 1E-06 | Yes | No | Yes |
| 24516 MARBELLA AVE | 10 | 1E-02 | **5E+00** | 1E-05 | TPHd | 6E-05 | 2E-09 | | **5E+00** | 1E-05 | Yes | No | Yes |
| 24517 MARBELLA AVE | 13 | 2E-02 | 3E-01 | 2E-06 | | 3E-05 | 9E-10 | | 3E-01 | 2E-06 | No | No | No |
| 24518 NEPTUNE AVE | 16 | 2E-02 | **3E+00** | 2E-06 | TPHd | 2E-05 | 8E-10 | | **3E+00** | 2E-06 | Yes | No | Yes |
| 24518 PANAMA AVE | 17 | 2E-02 | 2E-02 | 5E-07 | | 2E-05 | 7E-10 | | 2E-02 | 5E-07 | No | No | No |
| 24518 RAVENNA AVE | 9.0 | 1E-02 | **3E+00** | 2E-06 | TPHd | 3E-05 | 1E-09 | | **3E+00** | 2E-06 | Yes | No | Yes |
| 24519 NEPTUNE AVE | 9.4 | 1E-02 | 1E+00 | 1E-06 | | 2E-05 | 6E-10 | | 1E+00 | 1E-06 | No | No | No |
| 24519 PANAMA AVE | 15 | 2E-02 | **2E+00** | 2E-06 | TPHd | 2E-05 | 8E-10 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 24522 MARBELLA AVE | 7.3 | 9E-03 | **8E+00** | 6E-06 | TPHd | 3E-05 | 3E-09 | | **8E+00** | 6E-06 | Yes | No | Yes |

**Table 20**
**Cumulative Risk and Hazard Results Across Media**
**(Soil and Soil Vapor to Outdoor Air), Construction and Utility Maintenance Worker**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to OA | | Exceeds Soil HHRA? | Exceeds SV to OA HHRA? | Exceeds Both Soil + SV to OA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to OA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24522 NEPTUNE AVE | 8.9 | 1E-02 | 1E+00 | 2E-06 | | 1E-05 | 4E-10 | | 1E+00 | 2E-06 | No | No | No |
| 24522 PANAMA AVE | 8.6 | 1E-02 | 9E-02 | 5E-07 | | 7E-06 | 3E-10 | | 9E-02 | 5E-07 | No | No | No |
| 24522 RAVENNA AVE | 7.2 | 9E-03 | **2E+00** | 2E-06 | TPHd | 6E-06 | 2E-10 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 24523 MARBELLA AVE | 30 | 4E-02 | 2E-01 | 2E-06 | | 4E-05 | 2E-09 | | 2E-01 | 2E-06 | No | No | No |
| 24523 NEPTUNE AVE | 10 | 1E-02 | **5E+00** | **2E-05** | TPHd; no COC-specific risk >1E-05 | 2E-05 | 6E-10 | | **5E+00** | **2E-05** | Yes | No | Yes |
| 24523 RAVENNA AVE | 14 | 2E-02 | **3E+00** | 1E-06 | TPHd | 5E-05 | 2E-09 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24526 MARBELLA AVE | 6.9 | 8E-03 | **7E+00** | **3E-05** | TPHd, TPHg, Benzene | 1E-05 | 5E-10 | | **7E+00** | **3E-05** | Yes | No | Yes |
| 24528 NEPTUNE AVE | 7.0 | 8E-03 | 7E-01 | 1E-06 | | 4E-05 | 2E-09 | | 7E-01 | 1E-06 | No | No | No |
| 24528 PANAMA AVE | 7.8 | 1E-02 | 1E-01 | 7E-09 | | 2E-05 | 6E-10 | | 1E-01 | 8E-09 | No | No | No |
| 24529 NEPTUNE AVE | 9.3 | 1E-02 | **4E+00** | **2E-05** | TPHd; no COC-specific risk >1E-05 | 4E-05 | 3E-09 | | **4E+00** | **2E-05** | Yes | No | Yes |
| 24529 PANAMA AVE | 6.2 | 8E-03 | 4E-02 | 7E-07 | | 7E-06 | 4E-10 | | 4E-02 | 7E-07 | No | No | No |
| 24529 RAVENNA AVE | 14 | 2E-02 | **3E+00** | 2E-06 | TPHd | 2E-05 | 7E-10 | | **3E+00** | 2E-06 | Yes | No | Yes |
| 24532 MARBELLA AVE | 8.1 | 1E-02 | **8E+00** | 1E-05 | TPHd | 6E-06 | 3E-10 | | **8E+00** | 1E-05 | Yes | No | Yes |
| 24532 NEPTUNE AVE | 22 | 3E-02 | 9E-03 | 5E-07 | | 3E-05 | 1E-09 | | 9E-03 | 5E-07 | No | No | No |
| 24532 PANAMA AVE | 22 | 3E-02 | 9E-01 | 7E-07 | | 3E-05 | 9E-10 | | 9E-01 | 7E-07 | No | No | No |
| 24532 RAVENNA AVE | 6.6 | 8E-03 | 3E-02 | 5E-07 | | 1E-05 | 6E-10 | | 3E-02 | 5E-07 | No | No | No |
| 24533 MARBELLA AVE | 17 | 2E-02 | 1E-01 | 1E-06 | | 5E-06 | 2E-10 | | 1E-01 | 1E-06 | No | No | No |
| 24533 PANAMA AVE | 9.2 | 1E-02 | 3E-01 | 4E-07 | | 1E-05 | 5E-10 | | 3E-01 | 4E-07 | No | No | No |
| 24533 RAVENNA AVE | 6.8 | 8E-03 | 6E-03 | 4E-07 | | 4E-05 | 1E-09 | | 6E-03 | 4E-07 | No | No | No |
| 24602 MARBELLA AVE | 12 | 1E-02 | **2E+00** | 4E-06 | TPHd | 7E-06 | 3E-10 | | **2E+00** | 4E-06 | Yes | No | Yes |
| 24602 NEPTUNE AVE | 7.0 | 9E-03 | 2E-02 | 4E-07 | | 8E-06 | 8E-09 | | 2E-02 | 4E-07 | No | No | No |
| 24602 PANAMA AVE | 24 | 3E-02 | 1E+00 | 4E-07 | | 2E-05 | 9E-10 | | 1E+00 | 4E-07 | No | No | No |
| 24602 RAVENNA AVE | 13 | 2E-02 | 5E-02 | 6E-07 | | 2E-05 | 8E-10 | | 5E-02 | 6E-07 | No | No | No |
| 24603 MARBELLA AVE | 14 | 2E-02 | **2E+00** | 2E-06 | no COC-specific HQ >1 | 2E-03 | 5E-08 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 24603 NEPTUNE AVE | 7.0 | 8E-03 | 1E+00 | 3E-06 | | 1E-05 | 4E-10 | | 1E+00 | 3E-06 | No | No | No |
| 24603 PANAMA AVE | 12 | 1E-02 | 5E-01 | 5E-07 | | 4E-05 | 9E-10 | | 5E-01 | 5E-07 | No | No | No |
| 24603 RAVENNA AVE | 17 | 2E-02 | 6E-01 | 4E-07 | Thallium > bkgd | 3E-05 | 8E-10 | | 6E-01 | 4E-07 | Yes | No | No |
| 24606 MARBELLA AVE | 7.2 | 9E-03 | **4E+00** | 8E-06 | TPHd | 2E-05 | 8E-10 | | **4E+00** | 8E-06 | Yes | No | Yes |
| 24607 MARBELLA AVE | 13 | 2E-02 | 1E-01 | 1E-06 | | 3E-05 | 5E-09 | | 1E-01 | 1E-06 | No | No | No |
| 24608 NEPTUNE AVE | 25 | 3E-02 | **3E+00** | 3E-06 | TPHd | 2E-05 | 1E-09 | | **3E+00** | 3E-06 | Yes | No | Yes |
| 24608 PANAMA AVE | 91 | 1E-01 | **5E+00** | 8E-07 | TPHd, Thallium > bkgd | 7E-05 | 3E-09 | | **5E+00** | 8E-07 | Yes | No | Yes |
| 24608 RAVENNA AVE | 13 | 2E-02 | **2E+00** | 1E-06 | TPHd | 1E-05 | 6E-10 | | **2E+00** | 1E-06 | Yes | No | Yes |
| 24609 NEPTUNE AVE | 7.8 | 9E-03 | **8E+00** | 9E-06 | TPHd | 1E-05 | 6E-10 | | **8E+00** | 9E-06 | Yes | No | Yes |
| 24609 PANAMA AVE | 16 | 2E-02 | 1E+00 | 1E-06 | | 1E-04 | 6E-09 | | 1E+00 | 1E-06 | No | No | No |
| 24609 RAVENNA AVE | 6.0 | 7E-03 | 4E-01 | 4E-07 | | 1E-05 | 4E-10 | | 4E-01 | 4E-07 | No | No | No |
| 24612 MARBELLA AVE | 21 | 3E-02 | **5E+00** | 8E-06 | TPHd | 1E-07 | | | **5E+00** | 8E-06 | Yes | No | Yes |
| 24612 NEPTUNE AVE | 6.5 | 8E-03 | **6E+00** | 5E-06 | TPHd | 9E-06 | 3E-10 | | **6E+00** | 5E-06 | Yes | No | Yes |
| 24612 PANAMA AVE | 20 | 2E-02 | 8E-01 | 4E-07 | | 9E-06 | 3E-10 | | 8E-01 | 4E-07 | No | No | No |
| 24612 RAVENNA AVE | 28 | 3E-02 | 1E+00 | 5E-07 | | 2E-05 | 9E-10 | | 1E+00 | 5E-07 | No | No | No |
| 24613 MARBELLA AVE | 9.2 | 1E-02 | 9E-02 | 2E-06 | Arsenic > bkgd | 1E-04 | 4E-09 | | 9E-02 | 2E-06 | Yes | No | No |

**Table 20**
**Cumulative Risk and Hazard Results Across Media**
**(Soil and Soil Vapor to Outdoor Air), Construction and Utility Maintenance Worker**
Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to OA | | Exceeds Soil HHRA? | Exceeds SV to OA HHRA? | Exceeds Both Soil + SV to OA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to OA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24613 NEPTUNE AVE | 8.5 | 1E-02 | **5E+00** | 1E-05 | TPHd | 9E-06 | 5E-09 | | **5E+00** | 1E-05 | Yes | No | Yes |
| 24613 PANAMA AVE | 41 | 5E-02 | **3E+00** | 1E-06 | TPHd | 3E-05 | 4E-09 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24613 RAVENNA AVE | 6.6 | 8E-03 | **2E+00** | 1E-06 | no COC-specific HQ >1 | 2E-05 | 6E-10 | | **2E+00** | 1E-06 | Yes | No | Yes |
| 24616 MARBELLA AVE | 8.5 | 1E-02 | **1E+01** | **2E-05** | TPHd; no COC-specific risk >1E-05 | 8E-05 | 2E-09 | | **1E+01** | **2E-05** | Yes | No | Yes |
| 24617 MARBELLA AVE | 10 | 1E-02 | 9E-02 | 2E-06 | Thallium > bkgd | 2E-05 | 8E-10 | | 9E-02 | 2E-06 | Yes | No | No |
| 24618 NEPTUNE AVE | 11 | 1E-02 | **3E+00** | 3E-06 | TPHd | 1E-05 | 4E-10 | | **3E+00** | 3E-06 | Yes | No | Yes |
| 24618 PANAMA AVE | 19 | 2E-02 | **2E+00** | 9E-07 | TPHd | 9E-06 | 3E-10 | | **2E+00** | 9E-07 | Yes | No | Yes |
| 24618 RAVENNA AVE | 4.3 | 5E-03 | 4E-01 | 7E-07 | | 3E-05 | 9E-10 | | 4E-01 | 7E-07 | No | No | No |
| 24619 NEPTUNE AVE | 10 | 1E-02 | **6E+00** | 7E-06 | TPHd | 4E-06 | 1E-10 | | **6E+00** | 7E-06 | Yes | No | Yes |
| 24619 PANAMA AVE | 18 | 2E-02 | **2E+00** | 3E-06 | TPHd | 3E-05 | 1E-09 | | **2E+00** | 3E-06 | Yes | No | Yes |
| 24619 RAVENNA AVE | 6.3 | 8E-03 | **2E+00** | 3E-06 | TPHd | 1E-05 | 6E-10 | | **2E+00** | 3E-06 | Yes | No | Yes |
| 24622 MARBELLA AVE | 10 | 1E-02 | **5E+00** | 7E-06 | TPHd, Arsenic > bkgd | 9E-08 | 6E-12 | | **5E+00** | 7E-06 | Yes | No | Yes |
| 24622 NEPTUNE AVE | 13 | 2E-02 | **4E+00** | 4E-06 | TPHd | 3E-05 | 3E-09 | | **4E+00** | 4E-06 | Yes | No | Yes |
| 24623 MARBELLA AVE | 10 | 1E-02 | **5E+00** | 4E-06 | TPHd, TPHg | 9E-06 | 1E-09 | | **5E+00** | 4E-06 | Yes | No | Yes |
| 24623 NEPTUNE AVE | 14 | 2E-02 | **4E+00** | 5E-06 | TPHd | 2E-05 | 9E-10 | | **4E+00** | 5E-06 | Yes | No | Yes |
| 24627 MARBELLA AVE | 10 | 1E-02 | **4E+00** | 5E-06 | TPHd | 3E-05 | 1E-09 | | **4E+00** | 5E-06 | Yes | No | Yes |
| 24628 MARBELLA AVE | 16 | 2E-02 | **5E+00** | 7E-06 | TPHd | 7E-06 | 3E-10 | | **5E+00** | 7E-06 | Yes | No | Yes |
| 24628 NEPTUNE AVE | 10 | 1E-02 | **4E+00** | 2E-06 | TPHd | 2E-05 | 5E-10 | | **4E+00** | 2E-06 | Yes | No | Yes |
| 24629 NEPTUNE AVE | 10 | 1E-02 | **4E+00** | 5E-06 | TPHd | 2E-05 | 3E-09 | | **4E+00** | 5E-06 | Yes | No | Yes |
| 24632 NEPTUNE AVE | 16 | 2E-02 | **3E+00** | 3E-06 | TPHd | 5E-05 | 2E-09 | | **3E+00** | 3E-06 | Yes | No | Yes |
| 24633 MARBELLA AVE | 62 | 8E-02 | 1E+00 | 1E-06 | | 3E-05 | 1E-09 | | 1E+00 | 1E-06 | No | No | No |
| 24700 MARBELLA AVE | 15 | 2E-02 | **4E+00** | 3E-06 | TPHd | 3E-05 | 1E-09 | | **4E+00** | 3E-06 | Yes | No | Yes |
| 24700 RAVENNA AVE | 16 | 2E-02 | 3E-01 | 4E-07 | | 2E-05 | 3E-10 | | 3E-01 | 4E-07 | No | No | No |
| 24702 NEPTUNE AVE | 11 | 1E-02 | **4E+00** | 2E-06 | TPHd | 2E-07 | | | **4E+00** | 2E-06 | Yes | No | Yes |
| 24702 PANAMA AVE | 50 | 6E-02 | **4E+00** | 4E-06 | TPHd | 4E-06 | 1E-10 | | **4E+00** | 4E-06 | Yes | No | Yes |
| 24703 MARBELLA AVE | 13 | 2E-02 | 5E-01 | 1E-06 | | 2E-05 | 2E-09 | | 5E-01 | 1E-06 | No | No | No |
| 24703 NEPTUNE AVE | 10 | 1E-02 | **3E+00** | 1E-06 | TPHd | 9E-05 | 2E-09 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24703 PANAMA AVE | 19 | 2E-02 | 7E-01 | 1E-06 | | 3E-05 | 1E-09 | | 7E-01 | 1E-06 | No | No | No |
| 24703 RAVENNA AVE | 8.5 | 1E-02 | **4E+00** | 6E-06 | TPHd | 2E-05 | 9E-10 | | **4E+00** | 6E-06 | Yes | No | Yes |
| 24706 MARBELLA AVE | 9.1 | 1E-02 | **5E+00** | 4E-06 | TPHd | 3E-05 | 6E-10 | | **5E+00** | 4E-06 | Yes | No | Yes |
| 24706 RAVENNA AVE | 26 | 3E-02 | 7E-01 | 3E-09 | | 2E-05 | 7E-10 | | 7E-01 | 4E-09 | No | No | No |
| 24707 MARBELLA AVE | 12 | 1E-02 | 1E-01 | 1E-06 | | 3E-05 | 2E-09 | | 1E-01 | 1E-06 | No | No | No |
| 24708 PANAMA AVE | 31 | 4E-02 | 1E+00 | 7E-07 | | 2E-05 | 1E-08 | | 1E+00 | 7E-07 | No | No | No |
| 24709 NEPTUNE AVE | 11 | 1E-02 | **4E+00** | 1E-06 | TPHd | 7E-04 | 3E-08 | | **4E+00** | 1E-06 | Yes | No | Yes |
| 24709 PANAMA AVE | 26 | 3E-02 | **4E+00** | 1E-06 | TPHd | 8E-05 | 3E-09 | | **4E+00** | 1E-06 | Yes | No | Yes |
| 24709 RAVENNA AVE | 8.2 | 1E-02 | **4E+00** | 4E-06 | TPHd | 1E-04 | 3E-09 | | **4E+00** | 4E-06 | Yes | No | Yes |
| 24710 MARBELLA AVE | 24 | 3E-02 | **5E+00** | **2E-05** | TPHd; no COC-specific risk >1E-05 | 6E-05 | 2E-09 | | **5E+00** | **2E-05** | Yes | No | Yes |
| 24712 NEPTUNE AVE | 8.2 | 1E-02 | **3E+00** | 2E-06 | TPHd | 3E-04 | 1E-08 | | **3E+00** | 2E-06 | Yes | No | Yes |
| 24712 PANAMA AVE | 56 | 7E-02 | **2E+00** | 9E-07 | TPHd | 3E-06 | 1E-10 | | **2E+00** | 9E-07 | Yes | No | Yes |
| 24712 RAVENNA AVE | 28 | 3E-02 | 1E+00 | 4E-07 | | 2E-05 | 8E-10 | | 1E+00 | 4E-07 | No | No | No |

**Table 20**

**Cumulative Risk and Hazard Results Across Media**

**(Soil and Soil Vapor to Outdoor Air), Construction and Utility Maintenance Worker**

Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to OA | | Exceeds Soil HHRA? | Exceeds SV to OA HHRA? | Exceeds Both Soil + SV to OA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to OA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24713 MARBELLA AVE | 5.9 | 7E-03 | 1E-01 | 1E-06 | | 9E-06 | 3E-10 | | 1E-01 | 1E-06 | No | No | No |
| 24713 PANAMA AVE | 48 | 6E-02 | **2E+00** | 1E-06 | TPHd | 3E-05 | 1E-09 | | **2E+00** | 1E-06 | Yes | No | Yes |
| 24713 RAVENNA AVE | 5.8 | 7E-03 | **3E+00** | 1E-06 | TPHd | 6E-06 | 2E-10 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24715 NEPTUNE AVE | 10 | 1E-02 | **6E+00** | 8E-06 | TPHd | 1E-05 | 4E-10 | | **6E+00** | 8E-06 | Yes | No | Yes |
| 24716 MARBELLA AVE | 13 | 2E-02 | **3E+00** | 3E-06 | TPHd | 3E-05 | 9E-10 | | **3E+00** | 3E-06 | Yes | No | Yes |
| 24716 RAVENNA AVE | 11 | 1E-02 | 1E+00 | 4E-07 | | 7E-06 | 2E-10 | | 1E+00 | 4E-07 | No | No | No |
| 24717 MARBELLA AVE | 6.4 | 8E-03 | **2E+00** | 2E-06 | TPHd | 2E-05 | 8E-10 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 24718 NEPTUNE AVE | 5.4 | 7E-03 | **4E+00** | 3E-06 | TPHd, Antimony > bkgd | 2E-05 | 7E-10 | | **4E+00** | 3E-06 | Yes | No | Yes |
| 24718 PANAMA AVE | 20 | 2E-02 | 9E-01 | 5E-07 | | 2E-05 | 5E-10 | | 9E-01 | 5E-07 | No | No | No |
| 24719 NEPTUNE AVE | 27 | 3E-02 | **4E+00** | 3E-06 | TPHd | 2E-05 | 1E-09 | | **4E+00** | 3E-06 | Yes | No | Yes |
| 24719 PANAMA AVE | 41 | 5E-02 | **2E+00** | 5E-07 | TPHd | 1E-05 | 5E-10 | | **2E+00** | 5E-07 | Yes | No | Yes |
| 24719 RAVENNA AVE | 16 | 2E-02 | **4E+00** | 4E-06 | TPHd | 2E-05 | 7E-10 | | **4E+00** | 4E-06 | Yes | No | Yes |
| 24722 MARBELLA AVE | 8.5 | 1E-02 | 5E-01 | 1E-06 | | 1E-05 | 3E-09 | | 5E-01 | 1E-06 | No | No | No |
| 24722 NEPTUNE AVE | 8.3 | 1E-02 | 1E-02 | 4E-07 | | 2E-05 | 3E-09 | | 1E-02 | 4E-07 | No | No | No |
| 24722 PANAMA AVE | 12 | 1E-02 | 6E-01 | 5E-07 | | 7E-05 | 2E-09 | | 6E-01 | 5E-07 | No | No | No |
| 24722 RAVENNA AVE | 30 | 4E-02 | 1E+00 | 7E-07 | | 1E-05 | 4E-10 | | 1E+00 | 7E-07 | No | No | No |
| 24723 MARBELLA AVE | 8.3 | 1E-02 | 8E-01 | 1E-06 | | 3E-05 | 5E-09 | | 8E-01 | 1E-06 | No | No | No |
| 24723 RAVENNA AVE | 14 | 2E-02 | 8E-01 | 9E-07 | | 5E-06 | 2E-10 | | 8E-01 | 9E-07 | No | No | No |
| 24725 NEPTUNE AVE | 23 | 3E-02 | 1E-01 | 3E-07 | | 3E-05 | 1E-09 | | 1E-01 | 3E-07 | No | No | No |
| 24726 MARBELLA AVE | 10 | 1E-02 | 2E-01 | 1E-06 | | 1E-05 | 5E-10 | | 2E-01 | 1E-06 | No | No | No |
| 24726 RAVENNA AVE | 7.4 | 9E-03 | 3E-01 | 5E-07 | | 1E-05 | 4E-10 | | 3E-01 | 5E-07 | No | No | No |
| 24727 MARBELLA AVE | 10 | 1E-02 | **2E+00** | 9E-07 | no COC-specific HQ >1 | 3E-06 | 1E-09 | | **2E+00** | 9E-07 | Yes | No | Yes |
| 24728 NEPTUNE AVE | 6.5 | 8E-03 | 1E+00 | 5E-06 | | 3E-05 | 9E-10 | | 1E+00 | 5E-06 | No | No | No |
| 24728 PANAMA AVE | 67 | 8E-02 | **8E+00** | 7E-07 | TPHd | 2E-05 | 5E-10 | | **8E+00** | 7E-07 | Yes | No | Yes |
| 24729 NEPTUNE AVE | 33 | 4E-02 | 3E-01 | 5E-07 | | 4E-05 | 1E-09 | | 3E-01 | 5E-07 | No | No | No |
| 24729 PANAMA AVE | 11 | 1E-02 | 2E-01 | 4E-07 | | 5E-06 | 2E-10 | | 2E-01 | 4E-07 | No | No | No |
| 24729 RAVENNA AVE | 15 | 2E-02 | 5E-02 | 5E-07 | | 6E-06 | 3E-10 | | 5E-02 | 5E-07 | No | No | No |
| 24732 MARBELLA AVE | 8.3 | 1E-02 | 1E+00 | 6E-07 | | 2E-05 | 6E-10 | | 1E+00 | 6E-07 | No | No | No |
| 24732 NEPTUNE AVE | 10 | 1E-02 | **4E+00** | **2E-05** | TPHd, Benzene | 2E-05 | 5E-10 | | **4E+00** | **2E-05** | Yes | No | Yes |
| 24732 PANAMA AVE | 16 | 2E-02 | 2E-01 | 4E-07 | | 9E-05 | 3E-09 | | 2E-01 | 4E-07 | No | No | No |
| 24732 RAVENNA AVE | 7.4 | 9E-03 | 6E-01 | 5E-07 | | 2E-05 | 3E-10 | | 6E-01 | 5E-07 | No | No | No |
| 24733 MARBELLA AVE | 8.5 | 1E-02 | 5E-01 | 1E-06 | | 6E-06 | 4E-10 | | 5E-01 | 1E-06 | No | No | No |
| 24733 PANAMA AVE | 27 | 3E-02 | 4E-01 | 5E-07 | | 7E-05 | 3E-09 | | 4E-01 | 5E-07 | No | No | No |
| 24733 RAVENNA AVE | 8.7 | 1E-02 | 3E-01 | 6E-07 | Thallium > bkgd | 5E-06 | 2E-10 | | 3E-01 | 6E-07 | Yes | No | No |
| 24735 NEPTUNE AVE | 11 | 1E-02 | 9E-01 | 6E-07 | | 9E-06 | 3E-10 | | 9E-01 | 6E-07 | No | No | No |
| 24736 MARBELLA AVE | 11 | 1E-02 | 1E-01 | 1E-06 | | | | | 1E-01 | 1E-06 | No | No | No |
| 24736 RAVENNA AVE | 6.2 | 8E-03 | **3E+00** | 2E-06 | TPHd | 1E-04 | 7E-10 | | **3E+00** | 2E-06 | Yes | No | Yes |
| 24737 MARBELLA AVE | 15 | 2E-02 | **3E+00** | 1E-06 | TPHd | 2E-05 | 6E-10 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24738 NEPTUNE AVE | 20 | 2E-02 | **7E+00** | **2E-05** | TPHd, TPHg, Benzene | 1E-04 | 5E-09 | | **7E+00** | **2E-05** | Yes | No | Yes |
| 24738 PANAMA AVE | 37 | 4E-02 | 1E+00 | 4E-07 | | 6E-05 | 3E-09 | | 1E+00 | 4E-07 | No | No | No |

**Table 20**

**Cumulative Risk and Hazard Results Across Media**

**(Soil and Soil Vapor to Outdoor Air), Construction and Utility Maintenance Worker**

Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to OA | | Exceeds Soil HHRA? | Exceeds SV to OA HHRA? | Exceeds Both Soil + SV to OA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to OA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 24739 NEPTUNE AVE | 13 | 2E-02 | 8E-01 | 4E-07 | | 3E-05 | 8E-10 | | 8E-01 | 4E-07 | No | No | No |
| 24739 PANAMA AVE | 11 | 1E-02 | **4E+00** | 3E-06 | TPHd | 5E-06 | 2E-10 | | **4E+00** | 3E-06 | Yes | No | Yes |
| 24739 RAVENNA AVE | 8.9 | 1E-02 | **9E+00** | **2E-05** | TPHd, TPHg, Benzene | 4E-05 | 8E-10 | | **9E+00** | **2E-05** | Yes | No | Yes |
| 24740 MARBELLA AVE | 13 | 2E-02 | 9E-01 | 5E-07 | | 7E-06 | 4E-10 | | 9E-01 | 5E-07 | No | No | No |
| 24741 MARBELLA AVE | 13 | 2E-02 | 2E-01 | 5E-07 | | 1E-04 | 2E-09 | | 2E-01 | 5E-07 | No | No | No |
| 24743 RAVENNA AVE | 10 | 1E-02 | **5E+00** | 6E-06 | TPHd | 2E-05 | 8E-10 | | **5E+00** | 6E-06 | Yes | No | Yes |
| 24744 MARBELLA AVE | 10 | 1E-02 | **2E+00** | 5E-07 | TPHd | 2E-04 | 7E-09 | | **2E+00** | 5E-07 | Yes | No | Yes |
| 24748 RAVENNA AVE | 8.0 | 1E-02 | **3E+00** | 3E-06 | TPHd | 2E-05 | 8E-10 | | **3E+00** | 3E-06 | Yes | No | Yes |
| 24749 RAVENNA AVE | 32 | 4E-02 | **4E+00** | 2E-06 | TPHd | 1E-04 | 1E-08 | | **4E+00** | 2E-06 | Yes | No | Yes |
| 24752 RAVENNA AVE | 39 | 5E-02 | **3E+00** | 2E-06 | TPHd | 1E-07 | | | **3E+00** | 2E-06 | Yes | No | Yes |
| 24802 PANAMA AVE | 27 | 3E-02 | 1E+00 | 4E-07 | | 1E-05 | 6E-10 | | 1E+00 | 4E-07 | No | No | No |
| 24803 NEPTUNE AVE | 14 | 2E-02 | 7E-01 | 4E-07 | | 2E-05 | 6E-10 | | 7E-01 | 4E-07 | No | No | No |
| 24803 PANAMA AVE | 5.2 | 6E-03 | **2E+00** | 5E-06 | no COC-specific HQ >1 | 1E-05 | 8E-10 | | **2E+00** | 5E-06 | Yes | No | Yes |
| 24808 PANAMA AVE | 13 | 2E-02 | 2E-01 | 2E-06 | | 1E-05 | 4E-10 | | 2E-01 | 2E-06 | No | No | No |
| 24809 NEPTUNE AVE | 14 | 2E-02 | 1E+00 | 6E-07 | | 2E-05 | 6E-11 | | 1E+00 | 6E-07 | No | No | No |
| 24809 PANAMA AVE | 8.2 | 1E-02 | **3E+00** | 5E-06 | TPHd | 1E-05 | 6E-10 | | **3E+00** | 5E-06 | Yes | No | Yes |
| 24812 PANAMA AVE | 11 | 1E-02 | 3E-01 | 4E-07 | | 8E-06 | 3E-10 | | 3E-01 | 4E-07 | No | No | No |
| 24813 PANAMA AVE | 23 | 3E-02 | **3E+00** | 5E-06 | TPHd | 2E-05 | 2E-09 | | **3E+00** | 5E-06 | Yes | No | Yes |
| 24815 NEPTUNE AVE | 19 | 2E-02 | 9E-01 | 5E-07 | | 2E-05 | 9E-10 | | 9E-01 | 5E-07 | No | No | No |
| 24818 PANAMA AVE | 24 | 3E-02 | **4E+00** | 2E-06 | TPHd | 2E-05 | 7E-10 | | **4E+00** | 2E-06 | Yes | No | Yes |
| 24819 PANAMA AVE | 52 | 6E-02 | **2E+00** | 3E-06 | TPHd | 6E-05 | 2E-09 | | **2E+00** | 3E-06 | Yes | No | Yes |
| 24822 PANAMA AVE | 20 | 2E-02 | **4E+00** | 7E-07 | TPHd | 2E-05 | 6E-10 | | **4E+00** | 7E-07 | Yes | No | Yes |
| 24823 PANAMA AVE | 8.0 | 1E-02 | **3E+00** | 1E-06 | TPHd | 3E-07 | 6E-11 | | **3E+00** | 1E-06 | Yes | No | Yes |
| 24825 NEPTUNE AVE | 12 | 1E-02 | 5E-02 | 3E-07 | | 8E-05 | 3E-09 | | 5E-02 | 3E-07 | No | No | No |
| 24828 PANAMA AVE | 39 | 5E-02 | **8E+00** | 4E-09 | TPHd | 2E-05 | 8E-10 | | **8E+00** | 5E-09 | Yes | No | Yes |
| 24829 PANAMA AVE | 8.7 | 1E-02 | 7E-01 | 8E-06 | | 5E-05 | 2E-09 | | 7E-01 | 8E-06 | No | No | No |
| 24832 PANAMA AVE | 13 | 2E-02 | 4E-01 | 4E-07 | | 1E-05 | 4E-10 | | 4E-01 | 4E-07 | No | No | No |
| 24833 PANAMA AVE | 10 | 1E-02 | 1E+00 | 1E-06 | | 2E-04 | 5E-09 | | 1E+00 | 1E-06 | No | No | No |
| 24838 PANAMA AVE | 26 | 3E-02 | **2E+00** | 5E-07 | TPHd | 5E-05 | 2E-09 | | **2E+00** | 5E-07 | Yes | No | Yes |
| 24904 NEPTUNE AVE | 17 | 2E-02 | 6E-01 | 6E-07 | | 2E-05 | 8E-10 | | 6E-01 | 6E-07 | No | No | No |
| 24912 NEPTUNE AVE | 18 | 2E-02 | 2E-01 | 4E-07 | | 1E-04 | 2E-09 | | 2E-01 | 4E-07 | No | No | No |
| 301 244TH ST | 13 | 2E-02 | 1E-01 | 2E-06 | | 1E-05 | 4E-09 | | 1E-01 | 2E-06 | No | No | No |
| 305 244TH ST | 31 | 4E-02 | **7E+00** | 1E-06 | TPHd | 2E-05 | 9E-10 | | **7E+00** | 1E-06 | Yes | No | Yes |
| 311 244TH ST | 67 | 8E-02 | **1E+01** | 4E-06 | TPHd | 1E-05 | 5E-10 | | **1E+01** | 4E-06 | Yes | No | Yes |
| 317 244TH ST | 42 | 5E-02 | **7E+00** | 1E-06 | TPHd | 3E-05 | 8E-09 | | **7E+00** | 1E-06 | Yes | No | Yes |
| 321 244TH ST | 13 | 2E-02 | 1E-01 | 1E-06 | Arsenic > bkgd | 3E-05 | 1E-09 | | 1E-01 | 1E-06 | Yes | No | No |
| 327 244TH ST | 9.4 | 1E-02 | 1E-01 | 2E-06 | | 5E-06 | 2E-10 | | 1E-01 | 2E-06 | No | No | No |
| 331 244TH ST | 8.8 | 1E-02 | 1E-01 | 2E-06 | Arsenic > bkgd | 2E-05 | 2E-09 | | 1E-01 | 2E-06 | Yes | No | No |
| 337 244TH ST | 8.3 | 1E-02 | 3E-01 | 1E-06 | | 9E-06 | 3E-10 | | 3E-01 | 1E-06 | No | No | No |
| 341 244TH ST | 10 | 1E-02 | 8E-02 | 2E-06 | | 2E-05 | 8E-10 | | 8E-02 | 2E-06 | No | No | No |

**Table 20**

**Cumulative Risk and Hazard Results Across Media**

**(Soil and Soil Vapor to Outdoor Air), Construction and Utility Maintenance Worker**

Former Kast Property

| Location | Construction and Utility Maintenance Worker | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Soil ≤10 ft bgs | | | | | Soil Vapor (no THMs) | | | Cumulative Soil + SV to OA | | Exceeds Soil HHRA? | Exceeds SV to OA HHRA? | Exceeds Both Soil + SV to OA HHRA? |
| | Soil - Lead | | Soil - Other COCs | | Risk and/or Hazard Drivers for SOIL | SV to OA | | Risk and/or Hazard Drivers for SOIL VAPOR | | | | | |
| | 95UCL (mg/kg) | Lead Hazard | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | Noncancer Hazard | Cancer Risk | | | |
| 344 249TH ST | 21 | 3E-02 | 4E-01 | 6E-09 | | 9E-06 | 3E-10 | | 4E-01 | 6E-09 | No | No | No |
| 345 249TH ST | 19 | 2E-02 | **2E+00** | 5E-07 | TPHd | 7E-05 | 2E-09 | | **2E+00** | 5E-07 | Yes | No | Yes |
| 347 244TH ST | 15 | 2E-02 | 9E-02 | 2E-06 | | 9E-06 | 3E-10 | | 9E-02 | 2E-06 | No | No | No |
| 348 248TH ST | 11 | 1E-02 | **5E+00** | 6E-06 | TPHd | 1E-05 | 1E-09 | | **5E+00** | 6E-06 | Yes | No | Yes |
| 348 249TH ST | 29 | 3E-02 | 5E-01 | 7E-07 | | 2E-05 | 8E-10 | | 5E-01 | 7E-07 | No | No | No |
| 351 244TH ST | 30 | 4E-02 | 7E-01 | 1E-06 | | 4E-05 | 2E-09 | | 7E-01 | 1E-06 | No | No | No |
| 352 249TH ST | 17 | 2E-02 | 6E-01 | 3E-07 | | 4E-05 | 7E-09 | | 6E-01 | 3E-07 | No | No | No |
| 353 249TH ST | 8.5 | 1E-02 | 1E+00 | 3E-06 | | 6E-06 | 2E-10 | | 1E+00 | 3E-06 | No | No | No |
| 354 248TH ST | 17 | 2E-02 | **5E+00** | 4E-06 | TPHd | 2E-05 | 8E-10 | | **5E+00** | 4E-06 | Yes | No | Yes |
| 357 244TH ST | 8.6 | 1E-02 | 7E-02 | 2E-06 | | 2E-05 | 9E-10 | | 7E-02 | 2E-06 | No | No | No |
| 357 249TH ST | 8.7 | 1E-02 | **2E+00** | 2E-06 | TPHd | 2E-06 | 2E-09 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 358 249TH ST | 9.3 | 1E-02 | 1E+00 | 9E-07 | | 2E-05 | 7E-10 | | 1E+00 | 9E-07 | No | No | No |
| 360 248TH ST | 7.5 | 9E-03 | **2E+00** | 8E-07 | no COC-specific HQ >1 | 1E-05 | 5E-10 | | **2E+00** | 8E-07 | Yes | No | Yes |
| 361 244TH ST | 9.2 | 1E-02 | 8E-02 | 2E-06 | | 1E-05 | 3E-10 | | 8E-02 | 2E-06 | No | No | No |
| 362 249TH ST | 16 | 2E-02 | 3E-01 | 7E-07 | | 2E-05 | 6E-10 | | 3E-01 | 7E-07 | No | No | No |
| 363 249TH ST | 35 | 4E-02 | **4E+00** | 2E-06 | TPHd | 2E-05 | 6E-10 | | **4E+00** | 2E-06 | Yes | No | Yes |
| 364 248TH ST | 25 | 3E-02 | **2E+00** | 9E-07 | TPHd | 2E-05 | 9E-10 | | **2E+00** | 9E-07 | Yes | No | Yes |
| 367 244TH ST | 70 | 9E-02 | **2E+00** | 7E-10 | TPHd | 8E-07 | 2E-10 | | **2E+00** | 9E-10 | Yes | No | Yes |
| 367 249TH ST | 20 | 2E-02 | 1E+00 | 5E-07 | | 3E-05 | 1E-09 | | 1E+00 | 5E-07 | No | No | No |
| 368 249TH ST | 24 | 3E-02 | **2E+00** | 2E-06 | TPHd | 2E-05 | 7E-10 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 373 249TH ST | 17 | 2E-02 | 1E+00 | 4E-07 | | 7E-06 | 3E-10 | | 1E+00 | 4E-07 | No | No | No |
| 374 248TH ST | 27 | 3E-02 | **3E+00** | 6E-07 | TPHd | 7E-05 | 2E-09 | | **3E+00** | 6E-07 | Yes | No | Yes |
| 374 249TH ST | 17 | 2E-02 | **3E+00** | 5E-06 | TPHd | 8E-06 | 3E-10 | | **3E+00** | 5E-06 | Yes | No | Yes |
| 377 244TH ST | 11 | 1E-02 | 1E-01 | 2E-06 | | 4E-07 | 1E-10 | | 1E-01 | 2E-06 | No | No | No |
| 377 249TH ST | 8.0 | 1E-02 | **3E+00** | 9E-07 | TPHd | 6E-05 | 2E-09 | | **3E+00** | 9E-07 | Yes | No | Yes |
| 378 249TH ST | 10 | 1E-02 | **2E+00** | 9E-07 | no COC-specific HQ >1 | 3E-03 | 7E-07 | | **2E+00** | 2E-06 | Yes | No | Yes |
| 383 249TH ST | 11 | 1E-02 | 1E+00 | 3E-07 | | 7E-04 | 1E-08 | | 1E+00 | 3E-07 | No | No | No |
| 402 249TH ST | 9.0 | 1E-02 | 1E+00 | 3E-07 | | 1E-05 | 5E-10 | | 1E+00 | 3E-07 | No | No | No |
| 408 249TH ST | 36 | 4E-02 | 5E-02 | 6E-07 | | 2E-07 | 2E-09 | | 5E-02 | 6E-07 | No | No | No |
| 412 249TH ST | 40 | 5E-02 | **2E+00** | 4E-07 | TPHd | 4E-05 | 1E-09 | | **2E+00** | 4E-07 | Yes | No | Yes |
| Streets | 40 | 5E-02 | **6E+00** | **2E-05** | TPHd; no COC-specific risk >1E-05 | 4E-02 | 3E-06 | | **6E+00** | 2E-05 | Yes | No | Yes |

Notes:

ft bgs = feet below ground surface; COC = constituent of concern

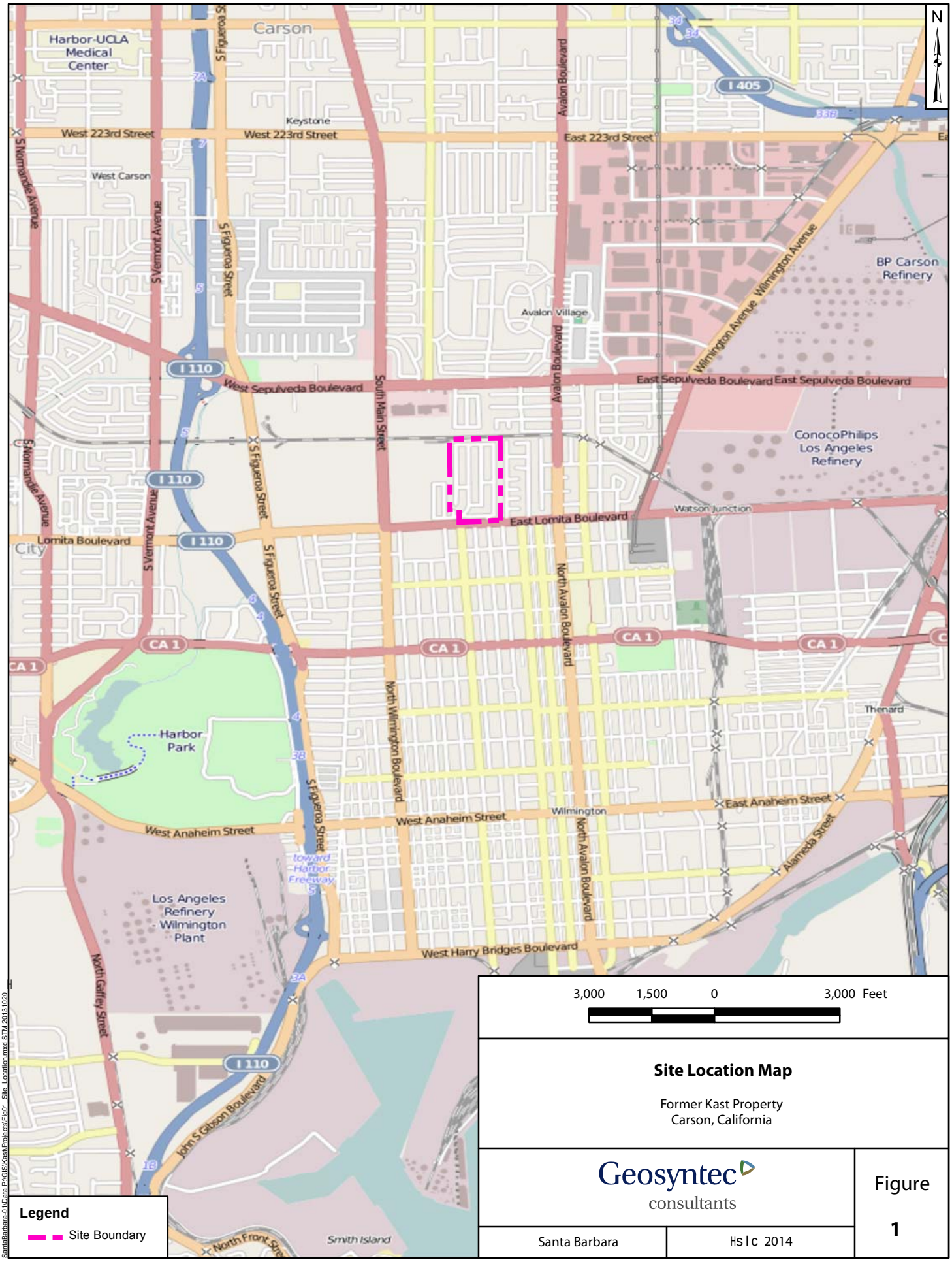
95UCL = 95% upper confidence limit; HQ = noncancer hazard quotient; bkgd = background

TPHd = Total Petroleum Hydrocarbons- diesel range; TPHg = gasoline range

Lead Hazard = 95UCL of Lead ÷ SSCG of 820 mg/kg for a construction and utility maintenance worker

**Bold** + Shaded if cumulative noncancer hazard >1 or cumulative cancer risk >1E-05

# FIGURES




**Legend**

Site Boundary

**Site Location Map**

Former Kast Property
Carson, California

Geosyntec consultants

Santa Barbara

HSlc 2014

Figure

1

SantaBarbara-01\Data P:\GIS\Kast\Projects\Fig01_Site_Location.mxd STM 20131020

EXPLANATION

APPROXIMATE PROPERTY LINE

Source: URS Corporation

N

0 80 160

SCALE IN FEET

**FORMER KAST PROPERTY**
**Site Layout Map**

CARSON, CA

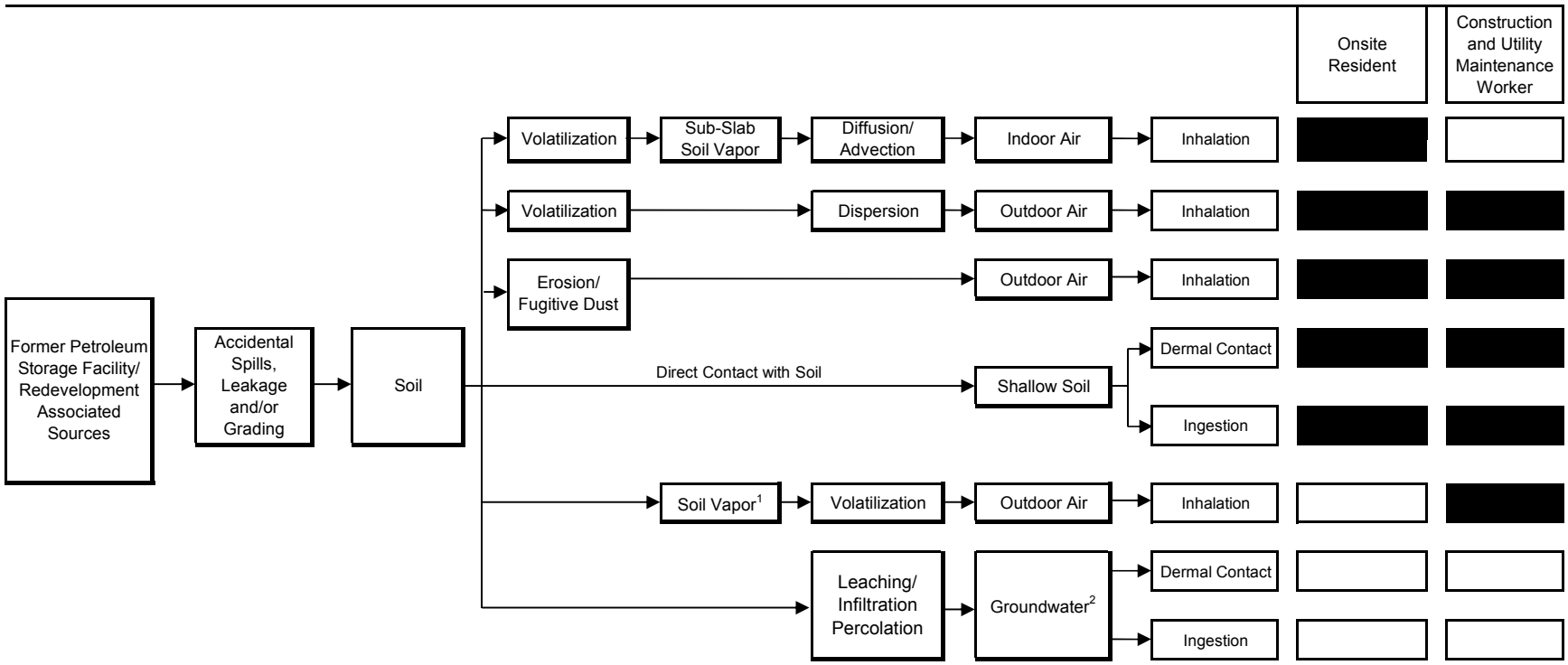
Geosyntec consultants

PROJECT NO: SB0484

June 2014

FIGURE 2

S:\GIS\SB0484\PDF\Figure 2-1_Site Location Map.pdf




NOTES:

Complete exposure pathway, will be quantitatively evaluated in the risk assessment

Incomplete exposure pathway; will not be quantitatively evaluated in the risk assessment

[1] Soil Vapor data collected ≤10 ft below ground surface evaluated in the human health risk assessment (HHRA)

[2] Groundwater is not a source of drinking water but potential leaching from soil was evaluated in the HHRA.

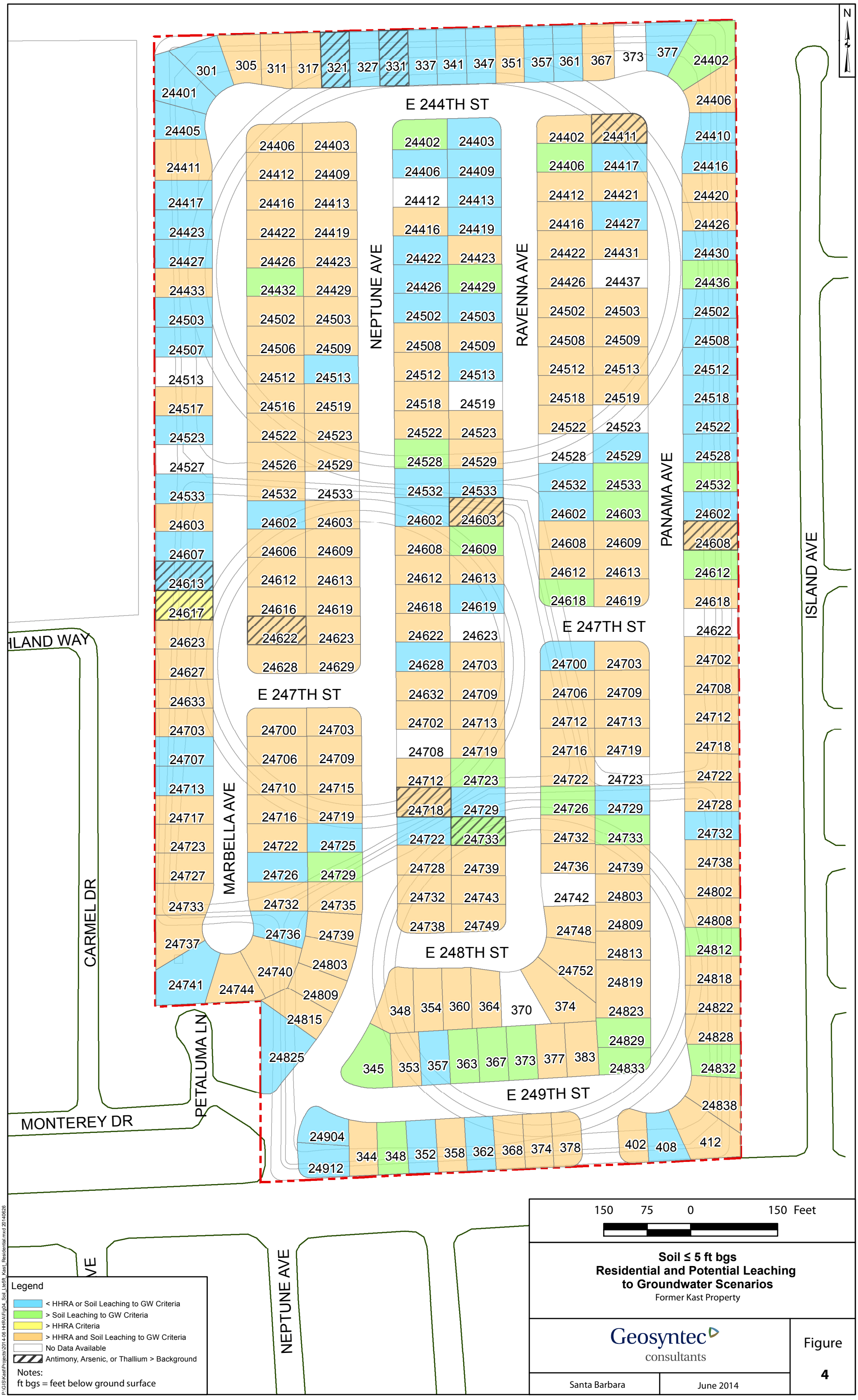
**CONCEPTUAL SITE MODEL**
Former Kast Property
Carson, California

Geosyntec consultants

June 2014

Figure **3**

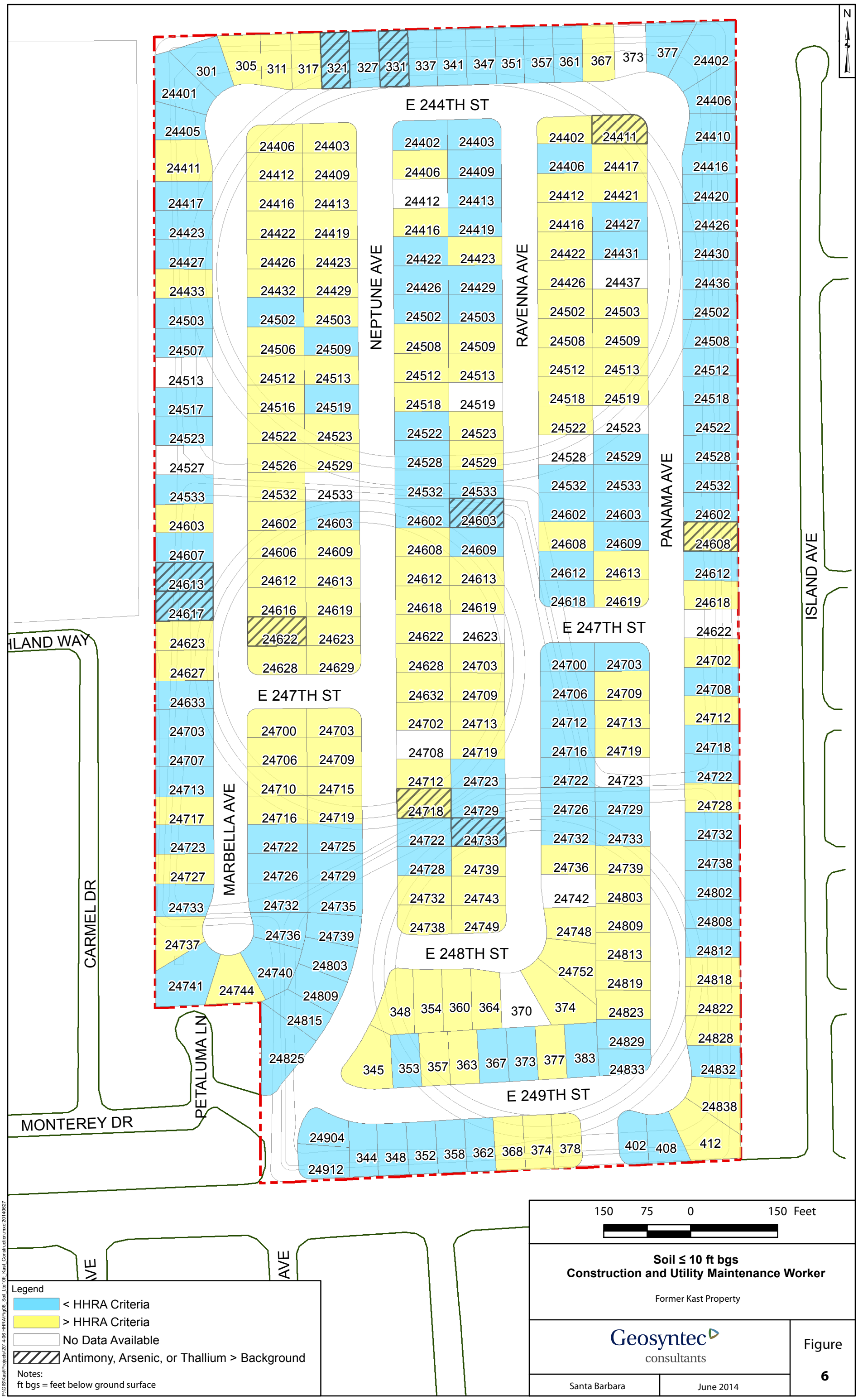
SB0484_CSM_Fig3.xls




**Soil ≤ 5 ft bgs**
**Residential and Potential Leaching to Groundwater Scenarios**
Former Kast Property

P:\GIS\Kast\Projects\2014-06 HHRA\Fig04_Soil_Lte5ft_Kast_Residential.mxd 20140626

N
E 244TH ST
E 247TH ST
E 248TH ST
E 249TH ST
NEPTUNE AVE
RAVENNA AVE
PANAMA AVE
MARBELLA AVE
PETALUMA LN
CARMEL DR
MONTEREY DR
ISLAND AVE
HLAND WAY
150 75 0 150 Feet
Legend
< HHRA or Soil Leaching to GW Criteria
> Soil Leaching to GW Criteria
> HHRA Criteria
> HHRA and Soil Leaching to GW Criteria
No Data Available
Antimony, Arsenic, or Thallium > Background
Notes:
ft bgs = feet below ground surface
Soil > 5 and ≤ 10 ft bgs
Infrequent Contact Residential
and Potential Leaching to Groundwater Scenarios
Former Kast Property
Geosyntec consultants
Figure
5
Santa Barbara
June 2014
P:\GIS\Kast\Projects\2014-06 HHRA\Fig05_Soil_5to10ft_Kast_Residential.mxd 20140626


N
E 244TH ST
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NEPTUNE AVE
RAVENNA AVE
PANAMA AVE
MARBELLA AVE
PETALUMA LN
CARMEL DR
MONTEREY DR
ISLAND AVE
HLAND WAY
150 75 0 150 Feet
Legend
< HHRA Criteria
> HHRA Criteria
No Data Available
Antimony, Arsenic, or Thallium > Background
Notes:
ft bgs = feet below ground surface
Soil ≤ 10 ft bgs
Construction and Utility Maintenance Worker
Former Kast Property
Geosyntec consultants
Figure
6
Santa Barbara
June 2014
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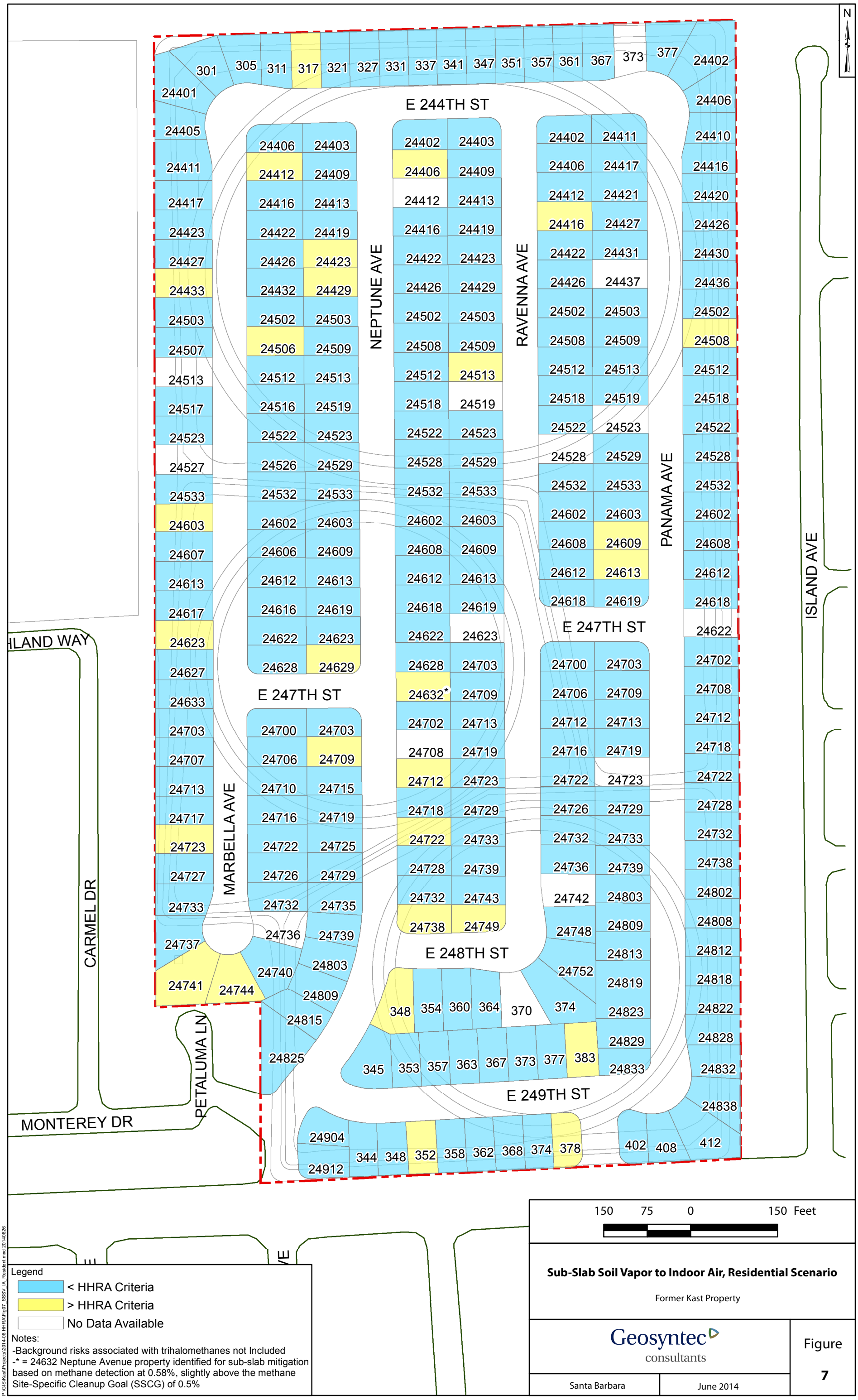


Legend

< HHRA Criteria

> HHRA Criteria

No Data Available

Notes:

-Background risks associated with trihalomethanes not Included

-* = 24632 Neptune Avenue property identified for sub-slab mitigation based on methane detection at 0.58%, slightly above the methane Site-Specific Cleanup Goal (SSCG) of 0.5%

**Sub-Slab Soil Vapor to Indoor Air, Residential Scenario**

Former Kast Property

Geosyntec consultants

Figure 7

Santa Barbara | June 2014

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# APPENDIX A

# BACKGROUND EVALUATION

*Prepared for:*

**Shell Oil Products US**
20945 S. Wilmington Avenues
Carson, CA 90810

# Revised Soil Background Evaluation Report

## Former Kast Property
## Carson, California

*Prepared by:*

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engineers | scientists | innovators

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Project Number: SB0484-04-2

March 10, 2014

Updated June 30, 2014

Geosyntec consultants

# REVISED SOIL BACKGROUND EVALUATION REPORT

## Former Kast Property
## Carson, California

*Prepared for:*

**Shell Oil Products US**

*Prepared by:*

**Geosyntec Consultants, Inc.**


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Senior Toxicologist

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**CERTIFICATION**

**BACKGROUND ANALYSIS REPORT**

**FORMER KAST PROPERTY**

**CARSON, CALIFORNIA**

I am the Project Manager for Equilon Enterprises LLC doing business as Shell Oil Products US for this project. I am informed and believe that the matters stated in the Revised Soil Background Evaluation Report dated June 30, 2014 are true, and on that ground I declare, under penalty of perjury in accordance with Water Code section 13267, that the statements contained therein are true and correct.

_____

Doug Weimer
Senior Principle Program Manager
Shell Oil Products US
June 30, 2014

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# 1.0 INTRODUCTION

This Revised Soil Background Evaluation Report was prepared for the Former Kast Property (Site) in Carson, California on behalf of Equilon Enterprises LLC, doing business as Shell Oil Products US (SOPUS). The former Kast Property is a former petroleum storage facility that was operated by a Shell Oil Company predecessor from the mid-1920s to the mid-1960s. The property was redeveloped as the Carousel Community residential housing tract by others in the late 1960s. The Site is located in the City of Carson in the area inclusive of Marbella Avenue on the west and Panama Avenue on the east and E. 244th Street on the north to E. 249th Street to the south (**Figure 1-1**).

The Revised Soil Background Evaluation Report is prepared in response to Cleanup and Abatement Order (CAO) No. R4-2011-0046 issued to SOPUS on March 11, 2011 by the California Regional Water Quality Control Board – Los Angeles Region (RWQCB or Regional Board). Section 3.c of the CAO orders SOPUS to "prepare a full-scale impacted soil Remedial Action Plan (RAP) for the Site." As a part of the RAP, several requirements have been set forth that address the development of remedial action objectives (RAOs) and Site-specific cleanup goals (SSCG) for the Site including a full Human Health Risk Assessment (HHRA). This background analysis was conducted to address the requirements of the CAO and to identify chemicals that should be considered in the HHRA. The Revised Soil Background Evaluation Report was updated to include data from the May 23, 2014 version of the database which included soil samples collected on four additional properties.

A work plan to collect background samples for metals and polycyclic aromatic hydrocarbons (PAHs) and develop background threshold values (BTVs) was submitted to the Regional Board on April 26, 2010 (Geosyntec, 2010a) and approved on May 25, 2010. Samples were collected in August 2010 and a report summarizing the methods and results of this investigation were submitted to the Regional Board on September 15, 2010 (URS, 2010b). A preliminary background evaluation for the former Kast Property was included as Appendix D of this report (Geosyntec, 2010b). The Regional Board and the Office of Environmental Health Hazard Assessment (OEHHA) reviewed and commented on this report on October 12, 2010 and September 13, 2013. This Revised Soil Background Evaluation Report addresses the Regional Board and OEHHA comments on the September 2010 Soil Background Evaluation Report.

A report describing the field sampling activities, observations, and analytical results has been previously submitted to the Regional Board (URS, 2010b). This Revised Soil Background Evaluation Report presents the background evaluation methodology,

results used to derive background-based SSCGs, and Site background analysis for metals and carcinogenic PAHs (cPAHs) detected in soil at the Site. The evaluation builds upon the background evaluations previously conducted (Geosyntec, 2010b, 2011, 2013a,b) in support of the development of SSCGs for the Site. In these prior documents the BTVs for metals and cPAHS as well as a methodology for evaluating Site data with respect to background were presented. This report includes the BTV development and methodology that was presented previously along with the analysis of Site-wide and Property-specific data following the methodology outlined in the Revised SSCG report (Geosyntec, 2013b).

## 1.1 Background

Site characterization activities have been ongoing at the former Kast property through the collection and analysis of soil samples for several constituents including metals and cPAHs. Additionally, soil samples were collected from Banning Park, located approximately 1 mile southeast of the former Kast Property, to collect local data for background soil characterization (URS, 2010b). Data included in the May 23, 2014 version of the database have been used to conduct a HHRA and develop SSCGs for the Site.

Metals and cPAHs concentrations in the environment may be a result of naturally-occurring background levels that are present in the environment; anthropogenic sources that are imposed due to human activity, non-Site sources; and Site-related sources of contamination. Therefore, metals and cPAHs were evaluated to determine whether they are present at the Site above ambient/background levels, and whether they should be considered constituents of concern (COC) to be further evaluated in the HHRA.

## 1.2 Purpose

The purpose of this background analysis report was to establish background levels and identify property-specific COCs that will be used in the HHRA for the Site. Specifically, this report addresses the following tasks:

*i.* Identify locally representative background data for metals and cPAHs from locations that are not affected by Site impacts;

*ii.* Evaluate the selected background datasets graphically and statistically including outlier analysis to develop a representative background dataset;

*iii*. Develop background threshold values (BTVs) for metals and cPAHs for use in a Site-wide and property-specific background evaluation using local and regulatory approved regional background datasets;

*iv*. Present the methodology that was used to compare the Site-wide dataset with BTVs and conservative risk-based screening levels to determine if metals or cPAHs should be carried forward into the HHRA; and

*v*. Conduct a property-specific background analysis of metals and cPAHs to identify if they are to be further evaluated as COCs in the HHRA.

## 2.0 APPROACH AND METHODOLOGY

Metals may be naturally occurring in the environment. According to the California Department of Toxic Substances (DTSC) (Cal-EPA DTSC 2009a, 2009b, Cal-EPA, 1997), for naturally-occurring compounds such as metals, an evaluation of background concentrations is important to evaluate whether the metals concentrations on the property are consistent with naturally-occurring levels in the area, and whether they should be included in the HHRA. If concentrations of a metal are within background, the metal is not considered a COC and is not evaluated further.

In addition to metals, cPAHs can be naturally-occurring or present at ambient levels not associated with former Site activities. A background dataset and methodology have been developed by DTSC that can be used to evaluate the presence of cPAHs in soil (Cal-EPA DTSC, 2009c).

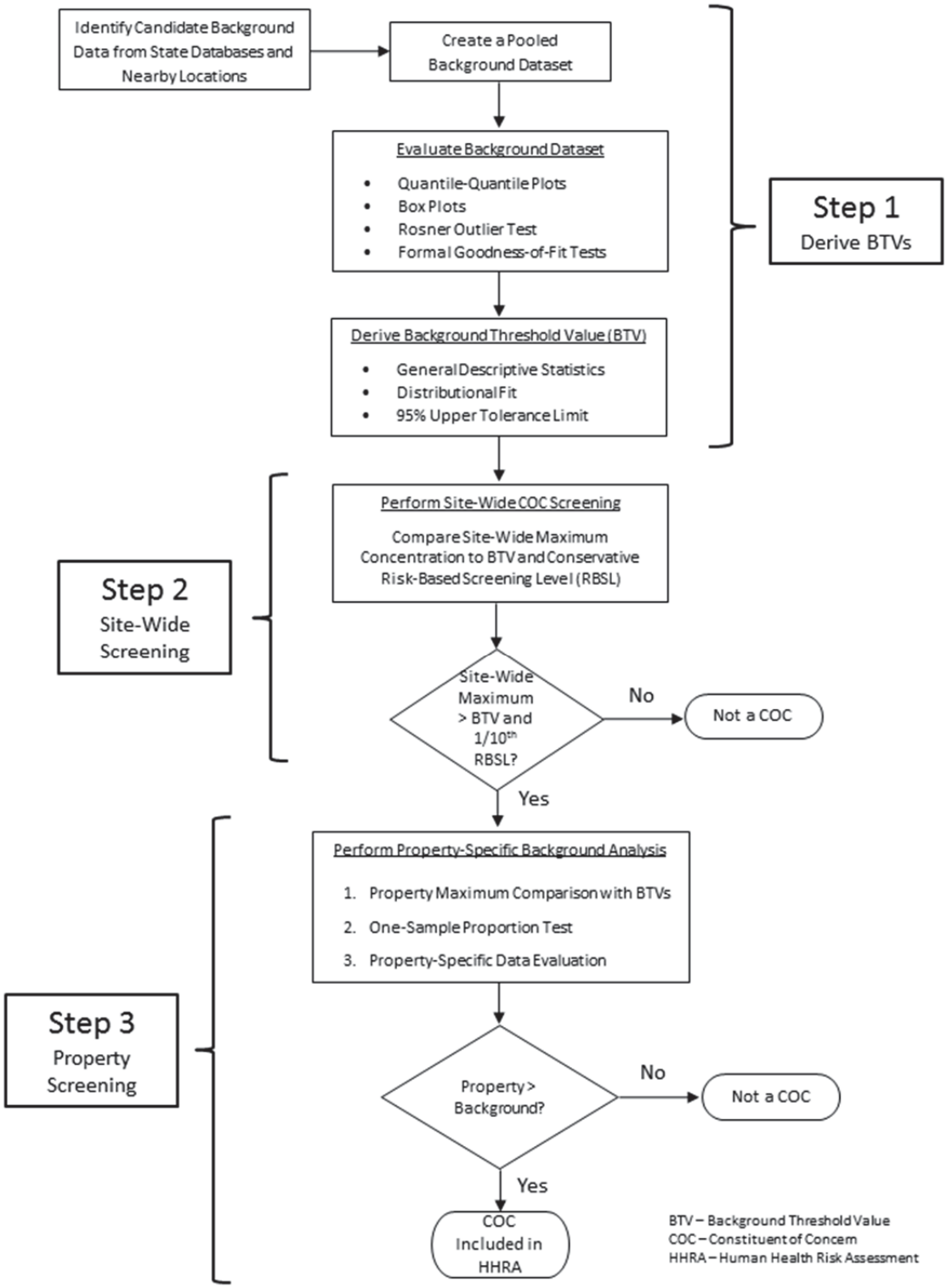
This section presents the approach used to conduct the metals and cPAH background analysis and identify property-specific COCs for the HHRA.

### 2.1 Approach/Methodology

The background evaluation and COC selection process considered:

- Step 1: The development of Background Threshold Values (BTVs) based on:
    - Offsite background data collected for the project;
    - Data collected from nearby locations that represent local background; and
    - Regulatory-approved regional background concentrations for southern California soils.
- Step 2: Comparison of Site-wide maximum values to the BTV and conservative risk-based screening levels to identify metals and cPAHS that should be carried forward as preliminary COCs.
- Step 3: Property-specific evaluations to identify the final list of metals and cPAHs that should be evaluated further in the HRHA.

The approach that was used to perform the COC selection process based on the background evaluation is illustrated in the flow chart below.


Identify Candidate Background Data from State Databases and Nearby Locations
Create a Pooled Background Dataset
Evaluate Background Dataset
Quantile-Quantile Plots
Box Plots
Rosner Outlier Test
Formal Goodness-of-Fit Tests
Derive Background Threshold Value (BTV)
General Descriptive Statistics
Distributional Fit
95% Upper Tolerance Limit
Step 1
Derive BTVs
Perform Site-Wide COC Screening
Compare Site-Wide Maximum Concentration to BTV and Conservative Risk-Based Screening Level (RBSL)
Step 2
Site-Wide Screening
Site-Wide Maximum > BTV and 1/10th RBSL?
No
Not a COC
Yes
Perform Property-Specific Background Analysis
1. Property Maximum Comparison with BTVs
2. One-Sample Proportion Test
3. Property-Specific Data Evaluation
Step 3
Property Screening
Property > Background?
No
Not a COC
Yes
COC Included in HHRA
BTV – Background Threshold Value
COC – Constituent of Concern
HHRA – Human Health Risk Assessment

## 2.2 Background Site Selection

Background samples for metals and/or cPAHs were collected from the following locations to create a local background database:

*i.* Banning Park,
*ii.* Banning Elementary School,
*iii.* Wilmington Middle School, and
*iv.* Wilmington Recreation Center.

These locations were previously identified in the Background Soil Evaluation Work Plan (Geosyntec, 2010) and are described in the sections below. The summary statistics of the metals and cPAH background datasets for the four locations listed above are provided in **Table 2-1**. A complete listing of the background sample analytical results from these investigations is provided in **Appendix 8**. The use of background datasets from nearby locations in the vicinity of the Site is consistent with the approaches and methodologies used by DTSC and other regulatory agencies to evaluate regional background datasets such as arsenic or cPAHs for southern and northern California regions (Cal-EPA DTSC, 2009a; 2009c). The regional datasets show that background values can vary by location. The use of several background datasets is anticipated to capture the variability and provide a more representative background value.

### 2.2.1 Banning Park

Banning Park was selected as a potential background location as the site did not appear to have been developed for commercial or industrial use and according to the review of historical aerial photographs from the RWQCB Geotracker database (Geotracker), the site was not impacted by nearby historical operations. The park is developed with a museum situated on 20-acres of parkland. The museum was formerly a residence built in 1864. The residence and parkland were acquired by the City of Los Angeles in 1927. A total of 30 soil samples were collected from ten soil borings placed at 0.5, 2 and 5 feet (ft) below ground surface (bgs). Details of the background sampling investigation approach and results are provided in *Soil Background Evaluation Report* (URS, 2010b). The Banning Park background samples were analyzed for metals and cPAHs.

### 2.2.2 Banning Elementary School & Wilmington Middle School

Data previously collected to support site characterization at nearby school locations including Banning Elementary School and Wilmington Middle School were considered for inclusion in the background dataset. At Banning Elementary School, 63 soil

samples were collected at depths of 0, 0.5, 1, and 5 ft bgs and analyzed for metals (Lindmark, 2007). At Wilmington Middle School, five soil samples were collected at 0.5 and 5 ft bgs and analyzed for metals and cPAHs (URS, 2010a) (**Table 2-1**).

### 2.2.3 Wilmington Recreation Center

Eight background soil samples were collected at Wilmington Recreation Center as part of the environmental investigations performed for the LAUSD new schools construction program. These data are reported in the Preliminary Endangerment Assessment (PEA) for Banning Elementary School (Lindmark, 2007). The samples were collected at 0.5 and 2.5 to 3 ft bgs and analyzed for metals (**Table 2-1**).

## 2.3 Evaluation of Background Datasets

### 2.3.1 Comparison of Background Samples by Depth

The background samples were obtained from several depths ranging from 0 to 5 ft bgs. To evaluate whether the samples could be combined into a single dataset, the samples were evaluated for significant difference by depth to determine if shallower samples were statistically different than surface samples. Samples between 0 to 2 ft bgs (surface) and >2 to 5 ft bgs (shallow), and with percent detection above 50%, were statistically compared using the non-parametric Mann-Whitney method at 0.05 significance level. The results show that the majority of metals concentrations (except cadmium, copper, lead and zinc) are not significantly different by depth. The Mann-Whitney analysis was not suitable for comparison of equality for cPAHs (reported as benzo(a)pyrene-equivalent [BaP-eq or BaP-TEQ]) by depth, as samples >2 to 5 ft bgs have more than an 85% frequency of non-detect samples. A two-sample proportions test, applicable for comparing samples with high degree of non-detection, however, indicated that cPAHs are statistically different by depth. This may be due to higher near surface ambient concentrations as a result of anthropogenic sources. While there were some differences by depth, datasets were combined to reflect the depth interval of interest for exposure potential and to provide for a larger dataset. The statistical analysis report (Minitab software output) is presented in **Appendix 1**.

### 2.3.2 Outlier Evaluation

Since two of the datasets were from investigations for school sites and were not specifically considered background sample datasets, an outlier analysis was conducted consistent with DTSC guidance for evaluating background (Cal-EPA DTSC, 2009a) to identify soil samples that could have elevated concentrations due to environmental

impacts and thus inflating the background BTV values. The background datasets were screened for suspect or potential outliers using *(i)* box plots, *(ii)* Q-Q plots, *(iii)* probability plots or underlying distributions (goodness-of-fit test, GOF), *(iv)* Rosner outlier test, and *(v)* professional judgment based on established regional background thresholds and historical land use.

Samples higher than the three-interquartile range (3IR) on box plots were identified as suspect outliers and were further evaluated using the formal Rosner outlier test. Suspect outliers were also evaluated using Q-Q plots and GOF tests on detected datasets. The Q-Q probability plots for the best fit distribution for each metal and BaP-eq were examined for the presence of inflections, or break-points, which could be used to identify multiple populations or outlier concentrations. A probability plot (i.e., normal, lognormal, or gamma) partitioning was used to identify outliers as well as other patterns in the data that could signify the presence of multiple statistical populations. A weight-of-evidence approach based on the results of all the above methodologies was considered when determining whether a suspect outlier was eliminated or included in the background dataset. Suspect outliers that were persistently identified in all of these methods were further evaluated with respect to sample location, depth or correlation to known impacted locations, or other pertinent evidence. Outlier evaluation of each chemical, as part of a background evaluation, is provided in Section 3.

## 2.4 Development of a Background Threshold Value

Background Threshold Values (BTVs) are single-point background values that represent an upper plausible limit of the background distribution of individual compounds (USEPA 2010a, 2010b; Helsel 2005). Threshold limits are most often based on an upper percentile of the background distribution (such as the 90th, 95th, or 99th percentile), an upper confidence limit of an upper percentile (that is, an upper tolerance limit or UTL). Consistent with Cal-EPA guidance (Cal-EPA DTSC 2009a), the UTL was derived. Following USEPA's guidance (USEPA, 2010), a minimum of 8 to 10 or more samples were required to estimate BTVs. When detected observations were less than 4 to 6, the maximum detected concentration was used as the BTV. When all the background samples were non-detects, the BTV was based on the laboratory detection limit. The lower value between the maximum detected concentration and the calculated BTV was used as the BTV. Development of the BTV for each chemical is presented in Section 3.

## 2.5 Background Thresholds from State Regulatory Datasets

In addition to the BTVs derived from the data discussed above, well-established regulatory-approved regional background thresholds for soil were considered as applicable. For example, for arsenic, the DTSC background concentration for southern California sites of 12 mg/kg (Cal-EPA DTSC, 2007) was used. These thresholds have been used for many sites within the Los Angeles area to identify chemicals of potential concern for risk assessments as well as used as remedial goals for site cleanups for unrestricted or residential land use. In addition to metals, PAHs can be naturally-occurring or present at ambient levels not associated with former site activities. A background dataset and methodology has been developed that can be used to evaluate the presence of cPAHs in soil (Cal-EPA DTSC, 2009c). Consistent with agency-approved risk assessment practice in California, the DTSC-developed background concentration of 0.9 mg/kg for BaP-eq was used to evaluate cPAHs results. These values were considered in the BTV evaluation for the Site.

## 2.6 Comparison of Site and Background Datasets

Due to the preponderance of Site data (over 10,000 samples and 285 individual study areas), a streamlined approach was developed to evaluate background at the Site. First, maximum detected Site-wide soil concentrations were compared to the BTVs to determine which metal or cPAH are considered above background. Additionally, as proposed in the Revised SSCG Report (Geosyntec, 2013b), the maximum concentration was compared to 1/10$^{th}$ the risk-based screening level (RBSL) used in the Human Health Screening Risk Evaluations (HHSRE) conducted for the Site (Geosyntec, 2009, 2010, and 2011). Next, for those properties where metal or cPAH concentrations are above a BTV, a one-sample proportion test was conducted to further evaluate whether observed concentrations are above background. If property-specific concentrations are within background, the metal and/or cPAH were not evaluated further for that property in the HHRA.

### 2.6.1 Point-by-Point Comparison

The point-by-point comparison method was used as a conservative screen to identify chemicals that may be present at concentrations above background. If the maximum detected concentration of a chemical for a specific property was greater than its respective BTV, the one-sample proportion test was used to further evaluate this chemical.

### 2.6.2 One-Sample Proportion Test

For chemicals that were identified as having concentrations above their respective BTV, a one-sample proportion test was used to compare the property-specific data with their BTV. This is consistent with agency guidance that states that when BTVs and cleanup standards are known, one-sample hypothesis tests are used to compare site data with the known and pre-established threshold values (USEPA, 2010). The one-sample proportion test involves comparing the proportion of property-specific data exceeding the BTV with a pre-specified allowable proportion of exceedance (5%). The proportion test is non-parametric and therefore can be used with datasets censored for the statistical analysis in which there is a large proportion on non-detect values. The proportion test was used to detect a significant difference or a shift in the upper tail of the property-specific data distribution. A significant shift in the upper tail of the property-specific dataset as compared to background may indicate that the property has been impacted for that particular chemical. A 5% level of significance (p-value $< 0.05$) was used to evaluate all tests.

### 2.6.3 Detailed Property-Specific Data Evaluation

A more detailed analysis may be conducted to further evaluate if chemicals are present at each property above background, especially for chemicals that do not have local or regional background datasets or, were non-detect in the background datasets. Methods described in Cal-EPA guidance *Selecting Inorganic Constituents as Chemicals of Potential Concern at Risk Assessments at Hazardous Waste Sites and Permitted Facilities* (Cal-EPA, 1997) describe ways that the Site data can be evaluated to determine if observed concentrations are consistent with background. Natural metals distributions are widely observed to be normal or to have a low to moderate skewness that is well approximated by a lognormal distribution (Cal-EPA, 1997). Cal-EPA also states that samples from such distributions generally range by no more than one order of magnitude and that the sample coefficients of variation (CV, standard deviation÷mean) are also no greater than one. Substantial departures from these traits, referred to here as natural population indicators, were used to indicate the presence of multiple populations in the sample, which may indicate the presence of chemical concentrations above background. As a part of the evaluation, visual observation of the data was conducted using probability plots to determine if multiple populations are present.

If the concentrations of a chemical were found to be above background after these three steps, the chemical was evaluated as a COC in the HHRA.

# 3.0 DERIVATION OF BACKGROUND THRESHOLD VALUES

This section presents the approach used to develop BTVs for metals and cPAHs for use in the background analysis. The BTVs are single-point values that represent an upper plausible limit of the background distributions of individual compounds.

The metals and cPAH background dataset was screened for suspect or potential outliers using *(i)* box plots, *(ii)* Q-Q plots, *(iii)* probability plots or underlying distributions (goodness-of-fit test, GOF), *(iv)* Rosner outlier test, as described in Section 2.3.2. The results of the outlier evaluation are presented in **Table 3-1** and are discussed for each chemical in the Sections below. Box plots and probability plots of the background datasets are provided in **Figures 3-1 to 3-2**.

Box plots based on three times the interquartile range (3IR), Q-Q plots and probability plots for the outlier evaluation are shown for each analyte on **Figures 3-3.1** through **3-3.18**. ProUCL output of the Rosner outlier test is provided in **Appendix 2**.

The GOF test of the background dataset before and after elimination of suspect outliers is provided in **Appendices 3 and 4**, respectively. A summary of the BTVs after elimination of suspect outliers is presented in **Table 3-2**. ProUCL output of the upper background threshold analysis is provided in **Appendix 5**.

## 3.1 Derivation of BTVs for Metals

*Antimony (number of samples, N=106; percent of non-detects, ND=99%)*

Antimony has 106 samples collected from 0 to 5 ft bgs. There is only one detected sample at 0.74 mg/kg (99% non-detect). Since the percent of non-detects (%ND) is significantly large, there is no reliable statistical analysis that can be performed on antimony. No samples were eliminated as outliers. The laboratory detection limits were 0.306 and 0.5 mg/kg. The detected sample was obtained from Banning Park at 0.5 ft bgs.

Due to a large %ND, no reliable 95% UTL could be estimated. The maximum value of 0.74 mg/kg was therefore used as the BTV for antimony (**Table 3-2**).

*Arsenic (N=106, ND=2.9%)*

An outlier evaluation based on a 3IR box plot indicated that arsenic has three suspect outliers including 9, 11.9, and 127 mg/kg, while the Rosner outlier test at 1% significance level indicated that 127 mg/kg may be a potential outlier. Graphic

evaluation using a Q-Q plot indicated that the arsenic concentration of 127 mg/kg is a suspect outlier. A GOF test indicated that arsenic data did not fit a normal or lognormal distribution. The GOF test, however, shows that the arsenic concentration of 127 mg/kg is considerably offset from the general linear trend, indicating that the sample may be an outlier. The sample was obtained from the surface (at 0 ft bgs) at the Wilmington School, and may not represent background distribution. Moreover, the value is significantly above the Southern California arsenic background threshold of 12 mg/kg and above the background range reported of 2.2 mg/kg to 19 mg/kg reported in the regional study conducted by UC Riverside (1991) and the range of 0.15 mg/kg to 19.63 mg/kg that was observed in the Southern California background dataset presented by DTSC in its Arsenic Strategies Document (Cal-EPA DTSC, 2009a). The weight of evidence presented above supported removal of the arsenic concentration 127 mg/kg as an outlier from the background dataset.

After elimination of the outlier, arsenic appeared to follow an approximate gamma distribution; a gamma-based 95% UTL of 10.4 mg/kg was estimated using ProUCL. The local threshold BTV, 10.41 mg/kg, is less than the well-established Southern California arsenic BTV of 12 mg/kg developed by DTSC. The maximum value in the local background dataset is 11.9, close to the value of 12 mg/kg. The Southern California background arsenic dataset is made up of a much larger database across several areas within the Los Angeles basin and as a result anticipated to be more representative of background within the Los Angeles area. In addition, this value has been commonly used for COC selection and as a cleanup level for unrestricted land use and residential sites. Therefore, the DTSC arsenic threshold value of 12 mg/kg is used as the BTV in this report (**Table 3-2**).

*Barium (N=106, ND=0%)*

Based on a 3IR box plot evaluation, barium has four suspect outliers including concentrations of 203, 267, 428 and 575 mg/kg. A Rosner outlier test at 1% significance level indicated that 575 mg/kg may be a potential outlier while a graphic evaluation using a Q-Q plot indicated that 267, 428, and 575 mg/kg are potential outliers. A GOF test indicated that barium data did not fit a normal or lognormal distribution. However, the test based on a lognormal distribution showed that barium concentrations 428 and 575 mg/kg deviated from the general linear trend indicating that they may be outliers. The weight of evidence presented above supported removal of barium concentrations 428 and 575 mg/kg as outliers from the background dataset.

After elimination of the two suspect outliers (N=104, %ND = 0%), barium data appeared to fit a lognormal distribution; therefore, a lognormal-based 95% UTL of 195.4 mg/kg was selected from the ProUCL output as the BTV for the background dataset (**Table 3-2**).

*Beryllium (N=106, ND=17.0%)*

Based on a 3IR box plot evaluation, beryllium has four suspect outliers including concentrations of 0.6, 0.7, 0.7, and 0.8 mg/kg. A Rosner outlier test indicated that 0.8 mg/kg may be an outlier while a graphic evaluation using a Q-Q plot did not show an obvious or significant outlier. A GOF test indicated that beryllium data did not fit a normal or lognormal distribution. There is however a general linear trend based on a lognormal distribution particularly among the detected data. In addition, these concentrations fell within the range of background concentrations of 0.1 to 0.9 mg/kg reported in the regional study conducted by UC Riverside (1991). There is no strong evidence to suggest that these four suspect data are outliers; therefore, no beryllium data were eliminated from the dataset as outliers.

Since beryllium data did not fit a normal or lognormal distribution, a non-parametric 95% KM UTL with 99% coverage of 0.56 mg/kg was selected from the ProUCL output as the BTV for the background dataset (**Table 3-2**).

*Cadmium (N=106, ND=53.8%)*

Based on a 3IR box plot evaluation, seven cadmium samples from 1.0 to 3.81 mg/kg are suspect outliers. A Rosner outlier test at 1% significance level indicated that 3.81 mg/kg is a potential outlier while a graphic evaluation using a Q-Q plot indicated the presence of two populations. This was indicated by a shift from linearity, which may imply that the upper tail of the distribution may be impacted. However, it has to be noted that cadmium has more than 50% non-detects that constitutes the lower tail of the population distribution while the detected samples make up the upper distribution. So the Q-Q plot departure from linearity is more of a distinction between detected and non-detected samples rather than discrimination between background and impacted samples. The three highest suspect outliers 1.63, 1.8 and 3.81 mg/kg were collected from Banning Park at 0.5 ft bgs. A GOF test on the detected samples indicated that cadmium data fits a lognormal distribution. Using the above weight-of-evidence, no cadmium data were eliminated as an outlier.

Since cadmium data appeared to follow a lognormal distribution, a 95% Bootstrap (%) UTL with 99% coverage of 3.81 mg/kg was selected from the ProUCL output as the BTV for the background dataset (**Table 3-2**).

*Chromium (N=106, ND=0%)*

Based on a 3IR box plot evaluation, chromium has three suspect outliers including concentrations of 29.3, 36.5 and 38.6 mg/kg. A Rosner outlier test at 1% significance level indicated that 38.6 mg/kg is a potential outlier while a graphic evaluation using a Q-Q plot did not show a significant outlier. A GOF test indicated that chromium data fit a lognormal distribution showing that there may be no outliers. The sample concentrations of 29.3 and 36.5 mg/kg were obtained from Banning Elementary School at 0.5 ft bgs, while the sample concentration of 38.6 mg/kg was obtained from Wilmington Recreation Center at 0.5 ft bgs. Based on the weight-of-evidence presented, no chromium data were eliminated as an outlier.

Since chromium appeared to follow a lognormal distribution, a lognormal-based 95% UTL of 32.54 mg/kg was selected from the ProUCL output as the BTV for the background dataset (**Table 3-2**).

*Cobalt (N=106, ND=3.8%)*

Based on a 3IR box plot evaluation, cobalt has three suspect outliers including concentrations of 13.1, 13.5, and 15.7 mg/kg. A Rosner outlier test at 1% significance level indicated that 15.7 mg/kg is a potential outlier. A GOF test indicated that cobalt data fit a lognormal distribution. Though the box plot and Rosner test indicated three suspect outliers (13.1, 13.5, and 15.7 mg/kg), the GOF test and Q-Q plot did not show a significant break (inflection point) in the dataset. The suspect outliers 13.1, 13.5, and 15.7 mg/kg were obtained from Banning Elementary School at 0.5, 5, and 1 ft bgs respectively. Based on the weight-of-evidence presented, no cobalt data were eliminated as an outlier.

A non-parametric 95% KM UTL with 99% coverage of 10.91 mg/kg was selected from the ProUCL output as the BTV for the background dataset (**Table 3-2**).

*Copper (N=106, ND=0%)*

Based on a 3IR box plot evaluation, copper has one suspect outlier at 59 mg/kg. A Rosner outlier test at 1% significance level indicated that 59 mg/kg is a potential outlier

while a graphic evaluation using a Q-Q plot did not show a significant outlier. A GOF test indicated that copper data fit a fairly strong lognormal distribution showing there may be no outliers. The sample concentration of 59 mg/kg was obtained from Banning Park at 0.5 ft bgs. Based on the weight-of-evidence presented, no copper data were eliminated as an outlier.

Since copper appeared to follow a lognormal distribution, a lognormal-based 95% UTL of 64.62 mg/kg was estimated using ProUCL. However, since this value is higher than the maximum detected value of 59 mg/kg, the selected BTV was based on the maximum detection of 59 mg/kg (**Table 3-2**).

*Lead (N=106, ND=5.7%)*

Based on a 3IR box plot evaluation, lead has twelve (12) samples with concentrations ranging from 43.3 to 112 mg/kg considered as suspect outliers. A Rosner outlier test at 1% significance level indicated that 112 mg/kg is a potential outlier while a graphic evaluation using a Q-Q plot apparently showed two populations which is partly a reflection of lead distribution by depth. A GOF test on the detected samples indicated that lead data did not follow a normal or lognormal distribution. However, the linear pattern of the probability plot using a lognormal distribution at different depths (0 to 0.5 ft, and >0. 5 ft bgs) indicated that lead may not have an outlier. Moreover, lead has been detected at background level concentrations ranging from 7.7 to 189.4 mg/kg in the Southern California region. Based on the weight-of-evidence presented, no lead data were eliminated as an outlier.

Since lead data did not follow a discernible distribution, a non-parametric 95% KM UTL with 99% coverage of 61.46 mg/kg was selected from the ProUCL output as the BTV for the background dataset (**Table 3-2**).

*Mercury (N=106, ND=71.7%)*

Mercury has a large proportion of non-detects (ND=71.7%); therefore, an outlier evaluation was performed using the detected data only. There is one suspect outlier (0.324 mg/kg) based on a 3IR box plot evaluation and the Rosner outlier test at 1% significance level. The Q-Q plot however did not show a significant departure or break (inflection point) in the dataset. A GOF test indicated that detected mercury data did not follow a normal or lognormal distribution, though the shift from linearity was small. The suspect outlier was obtained from Banning Park at 0.5 ft bgs. Based on the weight-of-evidence presented, no mercury data were eliminated as an outlier.

Since mercury data did not follow a discernible distribution, a non-parametric 95% KM UTL with 99% coverage of 0.13 mg/kg was selected from the ProUCL output as the BTV for the background dataset (**Table 3-2**).

*Molybdenum (N=106, ND=84.9%)*

Molybdenum has a large proportion of non-detects (ND=84.9%); therefore, an outlier evaluation was performed using the detected data only. There is no suspect outlier based on a 3IR box plot evaluation and the Rosner outlier test at 1% significance level. The Q-Q plot indicated a slight departure from linearity. A GOF tests indicated that detected molybdenum data did not follow a normal or lognormal distribution, though the shift from linearity was not significant. Based on the weight-of-evidence presented, no molybdenum data were eliminated as an outlier.

Since molybdenum data did not follow a discernible distribution, a non-parametric 95% KM UTL with 99% coverage of 0.41 mg/kg was selected from the ProUCL output as the BTV for the background dataset (**Table 3-2**).

*Nickel (N=106, ND=10.4%)*

Based on a 3IR box plot evaluation, nickel has two suspect outliers including sample concentrations of 25.3 and 27.2 mg/kg. A Rosner outlier test at 1% significance level indicated 27.2 mg/kg as a potential outlier while a graphic evaluation using a Q-Q plot apparently showed no suspect outlier. A GOF test indicated that nickel data fits a lognormal distribution. Both suspect outliers (25.3 and 27.2 mg/kg) were obtained from Banning Elementary School at 5 and 1 ft bgs respectively. Based on the weight-of-evidence presented, no nickel data were eliminated as an outlier.

A non-parametric 95% UTL with 99% coverage of 20.17 mg/kg was selected from the ProUCL output as the BTV for the background dataset (**Table 3-2**).

*Selenium (N=106, ND=99.1%)*

Selenium has 106 samples all obtained from 0 to 5 ft bgs. There is only one detected sample at 0.78 mg/kg (99% non-detection). No reliable statistics can be performed on selenium as the %ND is significantly large. No selenium data were eliminated as an outlier.

Due to a large %ND, no reliable 95% UTL could be estimated using ProUCL. The maximum detected value of 0.78 mg/kg was selected as the BTV for selenium (**Table 3-2**).

*Silver (N=106, ND=91.5%)*

Silver has 91.5% non-detects. Statistical evaluation was performed only on detected data (9 samples). The outlier tests showed no indication of suspect outliers, and therefore, no sample data were eliminated.

Since silver data appeared to follow a lognormal distribution, a lognormal-based 95% UTL of 6.87 mg/kg was estimated using ProUCL. However, since this value is higher than the maximum detected value of 1.29 mg/kg, the selected BTV was based on the maximum detection of 1.29 mg/kg (**Table 3-2**).

*Thallium (N=106, ND=100%)*

All 106 thallium data were non-detects. No statistical analysis was performed on thallium. At 100% non-detection, the BTV of thallium was based on its detection limit of 0.23 mg/kg (**Table 3-2**).

*Vanadium (N=106, ND=0%)*

Based on a 3IR box plot evaluation, vanadium has no suspect outliers. A Rosner outlier test at 1% significance level also indicated no suspect outlier. The Q-Q plot showed a fairly linear trend indicating no potential outlier. A GOF test indicated that vanadium data follows a gamma and a lognormal distribution. Based on the weight-of-evidence presented, no suspect outliers were identified for vanadium.

Since vanadium appeared to follow a gamma distribution, a gamma-based 95% UTL of 45.66 mg/kg estimated using ProUCL was selected as the BTV for the background dataset.

*Zinc (N=106, ND=0%)*

Based on a 3IR box plot evaluation, zinc has four suspect outliers including 151, 172, 291, and 525 mg/kg. A Rosner outlier test at 1% significance level indicated that 525 mg/kg may be a potential outlier while a graphic evaluation using a Q-Q plot also indicated that 525 mg/kg may be a potential outlier. A GOF test indicated that zinc data did not fit normal nor lognormal distributions though the deviation of the probability

plot from linear trend is only slight. The sample concentration of 525 mg/kg was obtained from Wilmington Recreation Center at 0 ft bgs. Based on the weight-of-evidence presented, sample concentration of 525 mg/kg may be an outlier and was therefore eliminated from the background dataset.

Since zinc data did not follow a discernible distribution even after the elimination of the outlier, a non-parametric 95% percentile Bootstrap UTL of 291 mg/kg was selected from the ProUCL output as the BTV for the background dataset.

### 3.2 Derivation of a BTV for cPAHs as BaP-TEQ

*BaP-TEQ (N=35, ND=37.1%)*

Soil samples analyzed for cPAHs (reported in **Tables 2-1** and **3-1 to 3-2** as BaP-TEQ) were collected from Banning Park (N=30) and Wilmington Middle School (N= 5). Based on a 3IR box plot evaluation and the Rosner outlier test at 1% significance level, the BaP-TEQ concentration of 0.179 mg/kg appears to be a suspect outlier. The Q-Q plot and GOF test indicated that the concentration of 0.179 mg/kg may be an outlier. The sample was collected at 0.5 ft bgs at Wilmington Middle School. A review of the sample data indicated that low levels of total petroleum hydrocarbons (<60 mg/kg) were detected, which may have contributed to the cPAH concentrations. However, since the value of 0.179 mg/kg is well within the range of background reported for Southern California (Cal-EPA, 2009c), and the concentrations of TPH are considered negligible (<60 mg/kg) and not from a known onsite source, the sample was included in the analysis as what may be represented in the soils from anthropogenic non Site-related sources.

To further evaluate background cPAH, these local background datasets were evaluated against the backdrop of 22 background sites in Southern California (N=185) used in developing the regional cPAH background threshold (Cal-EPA DTSC, 2009c). Side-by-side graphical evaluation, including box plots and probability plots, were used to compare local and Southern California representative datasets (**Figure 3-4**). The evaluation indicated that, Banning Park and Wilmington Middle School datasets are in the low end/tail distribution of Southern California background datasets.

The Southern California analysis used a much larger pool of background sites, and a relatively larger number of samples. As a result, the Southern California evaluation is anticipated to be more robust and more representative of the true background condition of the region. The local background dataset is consistent with a selection of subsamples

from the broader regional dataset where some samples are expected to be higher and some lower than the regional mean. Moreover, the Southern California statistical analysis benefits from a higher statistical power due to higher number of samples than Banning Park and Wilmington Middle School background samples collected as part of a site investigation.

Therefore, considering the above and the common use of the regional dataset for remedial decision-making at sites, the background value of 0.9 mg/kg, derived from the southern California cPAH background analysis was selected as the BTV for BaP-TEQ. This value has been used as a remedial goal at unrestricted land use and residential sites throughout southern California. The BTV of 0.9 mg/kg was used to determine if property-specific concentrations are above background.

### 3.3 Conclusion

BTVs were developed for metals and cPAHs using an upper tolerance limit after the background datasets were assessed for outliers. It is worth noting that, despite several potential or suspect outliers, the weight-of-evidence approach indicated that only four samples (one for arsenic, two for barium, and one for zinc) were eventually eliminated as outliers. Where the degree of non-detection was high and no reliable statistics could be performed, as in antimony, selenium, and thallium, the BTV was estimated conservatively as the maximum detected value or the detection level. The well-established background concentrations of 12 mg/kg and 0.9 mg/kg for the Southern California region were selected as the BTVs for arsenic and BaP-TEQ, respectively.

## 4.0 SITE-WIDE BACKGROUND ANALYSIS

To identify which chemicals would be carried forward into a more detailed property-specific background analysis, Site-wide data were compared to BTVs developed in Section 3 above, and to residential risk-based screening levels as described in the Revised SSCG Report (Geosyntec, 2013b). The Site-wide maximum chemical concentration detected in the soil depth interval of 0 to 10 ft bgs was used for this comparison. Chemicals with a maximum concentration greater than its respective BTV and residential risk-based screening levels were carried forward into a more detailed property-specific background analysis discussed in Section 5. Otherwise, the chemical was eliminated from further analysis. The Site-wide data comparison is presented in **Table 4-1**. The box plots and probability plots of Site-wide metals and cPAH datasets are shown in **Figure 4-1** and **Figure 4-2**, respectively.

Based on this comparative analysis, barium, beryllium, chromium, mercury, molybdenum, nickel, selenium, and silver were not evaluated further in this report. Antimony, arsenic, cadmium, cobalt, copper, lead, thallium, vanadium, zinc and cPAHs were retained for property-specific background analysis, as described in the next Section.

# 5.0 PROPERTY-SPECIFIC BACKGROUND ANALYSIS

## 5.1 Descriptive Statistics

The summary of descriptive statistics, including an evaluation of the data distribution (e.g., normal or lognormal), for the retained metals and cPAHs by property is shown in **Tables 5-1.1 through 5-1.10**.

Data for each of the 268 properties indicate very low coefficient of variation (CV<2) for antimony, arsenic, cobalt, thallium and vanadium, while a few properties have slightly elevated CVs (CV>2) for cadmium (2 properties), copper (1 property), lead (13 properties), and zinc (2 properties). Approximately one-third of the 268 properties (93 properties) indicate a CV>2 for BaP-TEQ. Most of the properties have low to moderate skewness [-2 to 2]. A low CV and/or low to moderate skewness are often characteristic of a natural distribution indicative of a background population.

## 5.2 Distribution Analysis

Goodness-of-fit test (GOF) based on the Anderson Darling test was performed for normal or lognormal distribution using detected samples to qualitatively evaluate whether the distribution of metals and cPAHs in each property represents natural/background distributions. The distribution analysis was performed for each property by analyte for the 0 to 10 ft bgs depth interval data. A summary of the test results are presented in **Tables 5-1.1 through 5-1.10**. The results indicate that metals are normally or lognormally distributed while cPAHs are lognormally distributed in most of the properties. Natural metals distributions are widely observed to be normal or to have a low CV and/or a low to moderate skewness that is well approximated by a lognormal distribution.

## 5.3 Property-Specific Background Analysis

Following the approach described in the previous sections, the property-specific background analysis included: i) comparison of the property-specific maximum detected concentration of each metal and BaP-TEQ to their respective BTVs (developed in Section 3); ii) one-sample proportion test; and iii) a detailed property-specific data evaluation.

### 5.3.1 Property-Specific Maximum Comparison to BTVs

The comparison of property-specific data to BTVs, which was similarly done for the Site-wide dataset, was used to identify chemicals that may be present at concentrations

above background. If the property-specific maximum detected concentration of each metal or BaP-TEQ was lower than the BTV, the chemical was designated to be within background. Therefore, no further analysis was performed for that specific chemical for that specific property. However, if property-specific maximum detected concentrations exceeded the BTV, the chemical may be considered above background and further statistical analysis was performed. The property-specific results of this comparison to BTVs are presented in **Tables 5-2.1 through 5-2.10** for the retained COCs identified in Section 4.

### 5.3.2 One-Sample Proportion Test

For chemicals with maximum detected concentrations above their BTV, a one-sample proportion test was conducted to further compare the property-specific data with the BTVs. The proportion test was used to evaluate the proportion of samples significantly exceeding the BTV. A significant exceedance in the upper tail of the dataset as compared to background may indicate that the property has been impacted for that particular chemical. If the proportion of samples exceeding the BTV is significantly high (>5%), the chemical may be considered above background. The proportion test was conducted at a 5% significance level (p-value < 0.05). Summary of the test results for each property and analyte is presented in **Tables 5-2.1 through 5-2.10**. The summary of the ProUCL output of the one-sample proportion test is presented in **Appendix 6a** while the ProUCL output files are presented in **Appendix 6b**.

### 5.3.3 Detailed Property-Specific Data Evaluation

A detailed background analysis based on the methodology described in Section 2.6.3 was conducted for antimony, arsenic, and thallium on the properties that were assessed to be above background using the BTV comparison test and the one-sample proportion test. These metals were specifically selected for a detailed evaluation due to their presence in the soil depth interval of >5 to ≤10 ft bgs, where the potential for leaching to groundwater is considered. The purpose of the more detailed evaluation was to confirm if these metals are indeed considered above background. The property-specific data evaluation approach is based on the assumption that naturally-occurring metals follow a normal distribution, exhibit low coefficient of variation (CV<1), often have low skewness or can be approximated by a lognormal distribution. This method also looks at inflection points or break points to detect and identify multiple distributions as an indicator of impacts.

Probability plots based on detected samples were developed (see **Appendix 7**) to evaluate inflection points and distribution fit; and to determine if these metals have

either a normal or lognormal distribution and therefore may be considered background. Moreover, descriptive statistics, including the CV, were used to assess the variability of the datasets. If a chemical distribution was approximated by normal or lognormal distribution, and exhibits low CV, the chemical may be considered within background. On the other hand, if a chemical cannot be approximated by normal or lognormal distribution and is characterized by a clear break in continuity or inflection point, then the chemical may be considered above background.

The results based on the above analysis (**Tables 5-3.1 to 5-3.3**) indicated that antimony, arsenic, and thallium have either a normal or lognormal distribution with CVs <1 and are therefore considered to be within background in most of the properties with a few exceptions as noted in the next Section.

## 5.4 Results and Discussion

The summary descriptive statistics and distribution test results of the metals and cPAH are provided in **Tables 5-1.1 to 5-1.10**. The summary results of the BTV comparison and one-sample proportion tests are shown in **Tables 5-2.1 through 5-2.10**, while the detailed property-specific data evaluation results are summarized in **Tables 5-3.1 to 5-3.3**. Chemicals that were determined to be above background for a specific property were considered COCs and were therefore included in the HHRA.

### 5.4.1 Results of the Property-Specific Background Analysis

*Antimony*

The number of antimony samples used in the analysis ranges from 8 to 127 samples per property with percent detection at 0% to 98%. The CV for antimony is low; based on detected samples, a CV<1 for all but one property where CV=1.1. Antimony was normally or log normally distributed in 78% of the properties where minimum of 4 samples were detected. .

The BTV of antimony is 0.74 mg/kg, and the maximum concentration detected at the Site is 6.45 mg/kg. Based on the BTV comparison approach, antimony was below its BTV in 159 of the 268 properties evaluated. The one-sample proportion test conducted on the remaining 109 properties indicated that antimony concentrations in 46 properties may be above background. The proportion test was conducted at 5% significance level and the sample frequency of BTV exceedance ranged from 2% to 74%.

Note that the maximum value of 0.74 mg/kg was used as the BTV for antimony due to a large number of non-detects (99.1%). In addition, because the presence of antimony in the soil depth interval of >5 to ≤10 ft bgs is a concern for potential for leaching to groundwater, a detailed background analysis was conducted for antimony on the properties that were assessed to be above background using the BTV comparison test and the one-sample proportion test. The CVs were <1 for all 46 properties where antimony was considered above background based on the BTV comparison and the one-sample proportion test; thus indicating a rather naturally-occurring distribution. The probability plots further indicate that the distribution of antimony is characterized by a lognormal distribution in all but one property with practically no breaks or inflection points to indicate a contaminant distribution. Therefore, only one property was assessed as having antimony above background.

*Arsenic*

The number of arsenic samples used in the analysis ranges from 8 to 127 samples per property with percent detection at 64% to 100%. The CV for arsenic is low; based on detected samples, a CV<1 for all but three properties where CV ranged from 1.1 to 1.2. Arsenic was normally or log-normally distributed in 78% of the properties indicating that arsenic may be predominantly a naturally-occurring chemical at the Site.

The BTV of arsenic is 12 mg/kg, and the maximum concentration detected at the Site is 62.9 mg/kg. Based on the BTV comparison approach, arsenic was below its BTV in 176 of the 268 properties evaluated. The one-sample proportion test conducted on the remaining 92 properties indicated that arsenic concentrations in 15 properties may be above background. The proportion test was conducted at 5% significance level and the sample frequency of BTV exceedance ranged from 1% to 50%.

Because the presence of arsenic in the soil depth interval of >5 to ≤10 ft bgs is a concern for potential for leaching to groundwater, a detailed background analysis was conducted for arsenic on the properties that were assessed to be above background using the BTV comparison test and the one-sample proportion test. The CVs were <1 in all but one of 15 properties where arsenic may be above background based on one-sample proportion test; thus indicating a rather naturally-occurring distribution. The probability plots further indicate that the distribution of arsenic is characterized by a lognormal distribution in 10 properties with practically no data breaks or data gaps or inflection points to indicate a contaminant distribution. Therefore, arsenic was considered to be above background in the remaining five properties where the

distribution could not be approximated by a normal or lognormal distribution and where some inflection point was observed.

*Cadmium*

The number of cadmium samples used in the analysis ranges from 8 to 127 samples per property with percent detection at 0% to 100%. The CV for cadmium is low; based on detected samples, a CV<1 for all but 21 properties where CV ranged from 1.01 to 2.4. Cadmium was normally or log-normally distributed in 67% of the properties where minimum of 4 samples were detected indicating that cadmium may be predominantly a naturally-occurring chemical at the Site.

The BTV of cadmium is 3.81 mg/kg, and the maximum concentration detected at the Site is 9.02 mg/kg. Based on the BTV comparison approach, cadmium was below its BTV in 57 of 268 properties evaluated. The one-sample proportion test conducted on the remaining 211 properties indicated that cadmium concentrations may be within background. The proportion test was conducted at 5% significance level and the sample frequency of BTV exceedance ranged only from 3% to 5%.

*Cobalt*

The number of cobalt samples used in the analysis ranges from 8 to 127 samples per property with percent detection at 100% in every property. The CV for cobalt is low; based on detected samples, a CV<0.5 for all properties. Cobalt was normally or log-normally distributed in 71% of the properties indicating that cobalt may be predominantly a naturally-occurring chemical at the Site.

The BTV of cobalt is 10.91 mg/kg, and the maximum concentration detected at the Site is 31.3 mg/kg. Based on the BTV comparison approach, cobalt was below its BTV in 102 of 268 properties evaluated. The one-sample proportion test conducted on the remaining 166 properties indicated that cobalt concentrations in 85 properties may be above background. The proportion test was conducted at 5% significance level and the sample frequency of BTV exceedance ranged from 12% to 92%.

*Copper*

The number of copper samples used in the analysis ranged from 8 to 127 samples per property with percent detection at 100% in every property. The CV for copper is low; based on detected samples, a CV<1 for all but six properties where CV ranged from

1.01 to 2.7. Copper was normally or log-normally distributed in 63% of the properties indicating that copper may be predominantly a naturally-occurring chemical at the Site.

The BTV of copper is 59 mg/kg, and the maximum concentration detected at the Site is 1,190 mg/kg with the next highest detection at 170 mg/kg. Based on the BTV comparison approach, copper was below its BTV in 255 of 268 properties evaluated. The one-sample proportion test conducted on the remaining 13 properties indicated that copper concentrations may be within background in all properties. The proportion test was conducted at 5% significance level and the sample frequency of BTV exceedance ranged from 2% to 13%.

*Lead*

The number of lead samples used in the analysis ranges from 8 to 127 samples per property with percent detection at 82% to 100%. The CV for lead is low; based on detected samples, a CV<1 for all but 91 properties where CV ranged from 1.01 to 5.7. Lead was normally or log-normally distributed in only 29% of the properties indicating that lead may be present above background levels at the Site.

The BTV of lead is 61.46 mg/kg, and the maximum concentration detected at the Site is 1,330 mg/kg with the next highest concentration at 390 mg/kg. Based on the BTV comparison approach, lead was below its BTV in 193 of 268 properties evaluated. The one-sample proportion test conducted on the remaining 75 properties indicated that lead concentrations in 2 properties may be above background. The proportion test was conducted at 5% significance level and the sample frequency of BTV exceedance ranged from 18% to 19%.

*Thallium*

The number of thallium samples used in the analysis ranges from 8 to 127 samples per property with percent detection at 0% to 83%. The CV for thallium is low; based on detected samples, a CV<0.6 for all properties. Thallium was normally or log-normally distributed in 100% of the properties where minimum of 4 samples were detected indicating that thallium may be predominantly a naturally-occurring chemical at the Site.

The BTV of thallium is 0.23 mg/kg, and the maximum concentration detected at the Site is 3.47 mg/kg. Based on the BTV comparison approach, thallium was below its BTV in 217 of 268 properties evaluated. The one-sample proportion test conducted on

the remaining 50 properties indicated that thallium concentrations in 20 properties may be above background. The proportion test was conducted at 5% significance level and the sample frequency of BTV exceedance ranged from 9% to 83%.
Note that the detection limit 0.23 mg/kg was used as the BTV for thallium due to 100% non-detection. In addition, because the presence of thallium in the soil depth interval of >5 to ≤10 ft bgs is a concern for potential for leaching to groundwater, a detailed background analysis was conducted for thallium on the properties that were assessed to be above background using the BTV comparison test and the one-sample proportion test. The CVs were <1 in all 50 properties where thallium was considered above background based on the BTV comparison and the one-sample proportion test; thus indicating a rather naturally-occurring distribution. The probability plots further indicate that the distribution of thallium is characterized by a lognormal distribution in all but four properties with practically no breaks or inflection points to indicate a contaminant distribution. Therefore, only those four properties were assessed as having thallium above background.

*Vanadium*

The number of vanadium samples used in the analysis ranges from 8 to 127 samples per property with percent detection at 100%. The CV for vanadium is low with a maximum CV at 0.44. Vanadium was normally or log-normally distributed in 74% of the properties indicating that vanadium may be predominantly a naturally-occurring chemical at the Site.

The BTV of vanadium is 47.01 mg/kg, and the maximum concentration detected at the site is 86 mg/kg. Based on the BTV comparison approach, vanadium was below its BTV in 182 of 268 properties evaluated. The one-sample proportion test conducted on the remaining 86 properties indicated that vanadium concentrations in 24 properties may be above background. The proportion test was conducted at 5% significance level and the sample frequency of BTV exceedance ranged from 11% to 56%.

*Zinc*

The number of zinc samples used in the analysis ranges from 8 to 127 samples per property with percent detection at 100%. The CV for zinc is low; based on detected samples, a CV<1 for all but 17 properties where CV ranged from 1.01 to 4.4. Zinc was normally or log-normally distributed in 47% of the properties indicating that zinc may be above background at several locations at the Site.

The BTV of zinc is 291mg/kg, and the maximum concentration detected at the Site is 5,570 mg/kg with the four next highest samples ranging from 540 to 1,240 mg/kg. Based on the BTV comparison approach, zinc was below its BTV in 253 of 268 properties evaluated. The one-sample proportion test conducted on the remaining 13 properties indicated that zinc may be within background throughout the Site. The proportion test was conducted at 5% significance level and the sample frequency of BTV exceedance ranged from 2% to 6%.

*cPAH (BaP-TEQ)*

The number of cPAHs samples used in the analysis ranges from 8 to 127 samples per property with percent detection at 19% to 100%. The CV for cPAHs is moderate to high; based on detected samples, the CV ranges from 1 to 6.7 for all but 15 properties where CV<1. cPAHs concentrations were predominantly log-normally distributed in 75% of the properties indicating that BaP-TEQ may be predominantly a naturally-occurring chemical at the Site despite the relatively moderate to high CV.

The BTV of cPAHs is 0.9 mg/kg, and the maximum concentration detected at the Site is 62.9 mg/kg. Based on the BTV comparison approach, cPAHs concentrations were below its BTV in 181 of 268 properties evaluated. The one-sample proportion test conducted on the remaining 87 properties indicated that cPAHs concentrations in 6 properties may be above background. The proportion test was conducted at 5% significance level and the sample frequency of BTV exceedance ranged from 14% to 21%.

### 5.4.2 Discussion of the Results

A total of ten properties were identified as having metals above background due to the presence of arsenic, antimony, or thallium. A review of the data with respect to depth interval was conducted to evaluate whether the presence of these metals concentrations above background would be addressed through shallow soil excavation or remain at depths from > 5 to 10 feet bgs and pose a potential for leaching to groundwater.

*Antimony*

Antimony was present above background levels at one property.

- 24718 Neptune Avenue: Four out of the 65 soil samples collected at this property had concentrations above background with a maximum concentration of 2.55 mg/kg. These four samples were located at depths of 0.5 to 2 feet bgs.

The detections of antimony above background are infrequent, but at a depth that can be addressed by excavation.

*Arsenic*

Arsenic was present above background levels at five properties. Concentrations above the southern California regional dataset ranges were evaluated further. Data from the regional study conducted by UC Riverside, summarized and are included in **Table 4**, ranged in concentrations from 2.2 mg/kg to 19 mg/kg. This is similar to the range of 0.15 mg/kg to 19.63 mg/kg that is observed in the southern California background dataset presented by DTSC in its Arsenic Strategies Document (Cal-EPA DTSC, 2009). The dataset presented by DTSC forms the basis for the threshold value of 12 mg/kg used as background for southern California soils. The following properties had concentration(s) above the maximum of the background range observed in southern California soils (> max bkgd range):

- 24411 Panama Avenue: Only one out of the 37 soil samples collected at this property had concentrations > max bkgd range. This sample was located at a depth of 10 feet bgs.
- 24613 Marbella Avenue: Four out of the 52 soil samples collected at this property had concentrations > max bkgd range. These samples were located at depths of 5 and 10 feet bgs.
- 24622 Marbella Avenue: Two out of the 53 soil samples collected at this property had concentrations > max bkgd range. This sample was located at a depth of 10 feet bgs.
- 321 244th Street: One out of the 40 soil samples collected at this property had concentrations > max bkgd range. This sample was located at a depth of 10 feet bgs.
- 331 244th Street: Four out of the 28 samples collected at this property had concentrations > max bkgd range. These samples were located at a depth of 10 feet bgs.

The detections of arsenic above background are localized and do not represent a significant mass for leaching to groundwater. Leaching of arsenic to groundwater is not expected to be above what would occur for background soils. However, groundwater will be monitored to assess whether an increase in arsenic concentrations due to the leaching pathway is occurring.

*Thallium*

Thallium was present above background levels at four properties. Thallium was not detected in the background datasets that were used to calculate the BTV for thallium. As a result the maximum detection limit value was used as the BTV.

- 24603 Ravenna Avenue: Thallium was detected in 21 out of the 31 soil samples collected at this property. Ten of these samples were located at depths of 0.5 to 2 feet bgs, and the remaining samples were from depths of 5 and 10 feet bgs.
- 24608 Panama Avenue: Thallium was detected in 14 out of the 22 soil samples collected at this property. Six of the samples were located at depths of 0.5 to 2 feet bgs, and the remaining samples were from depths of 3.5 to 10 feet bgs.
- 24617 Marbella Avenue: Thallium was detected in the 22 samples out of the 34 soil samples collected at this property. Twelve of the samples were located at depths less than 2 feet bgs, and the remaining samples were from depths of 5 and 10 feet bgs.
- 24733 Ravenna Avenue: Thallium was detected in 5 out of the 40 soil samples collected at this property. Three of the samples were located at depths of 0.5 to 2 feet bgs, and the remaining samples were from depths of 5 and 10 feet bgs.

The data evaluation indicates that on each of these ten properties, the occurrence of metals above the BTV are localized and do not represent a significant mass for leaching to groundwater. Leaching of thallium to groundwater is not expected to be above what would occur for background soils. However, groundwater will be monitored to assess whether an increase in thallium concentrations due to the leaching pathway is occurring.

## 6.0 SUMMARY

A background analysis of metals and cPAHs was conducted at the former Kast Site by statistically comparing BTVs with Site datasets. The BTVs were either derived from nearby areas that are not considered affected by Site impacts or obtained from regionally-established regulatory databases.

The background dataset used in developing the BTVs was based on soil samples collected at Banning Park, Banning Elementary School, Wilmington Middle School, and Wilmington Recreation Center. The derivations of BTVs included an outlier evaluation since two of the datasets were from investigations for school sites and were therefore not considered specifically background. A weight-of-evidence approach, including professional judgment, was used for the outlier evaluation and as a result, only 3 out of 17 metals, arsenic (127 mg/kg), barium (428 and 575 mg/kg ), and zinc (525 mg/kg ), had suspect outliers eliminated from the background dataset. The BTVs were evaluated in ProUCL as the 95% UTL with 99% coverage.

After establishing the BTVs, the Site-wide background analysis was performed. Because the maximum Site-wide concentrations of barium, beryllium, chromium, mercury, molybdenum, nickel, selenium, and silver detected in 0 to 10 ft bgs soils were either less than their respective BTV or less than the conservative risk-based screening level, these metals were not evaluated further. Antimony, arsenic, cadmium, cobalt, copper, lead, thallium, vanadium, zinc and BaP-TEQ were selected for a property-specific background analysis.

Exploratory evaluation of the property-specific data using descriptive statistics and distribution analysis indicated that most chemicals have low CVs (CV close to 1), low to medium skewness, and have either a normal or lognormal distribution, which is characteristic of naturally-occurring distributions; qualitatively indicating that most of the chemical distributions at the Site may be within background. Samples from individual properties were compared with BTVs and properties with chemical concentrations below BTVs were identified to be within background. Properties with chemical concentrations above their respective BTVs were further analyzed using the one-sample proportion test at 5% significance level. Chemicals that were above background after the one-sample proportion test were identified as COCs for a specific property and included in the HHRA.

A detailed background analysis was conducted for antimony, arsenic, and thallium on the properties that were assessed to be above background using the BTV comparison test and the one-sample proportion test. These metals were specifically selected for a

detailed evaluation due to their presence in the soil depth interval of >5 to ≤10 ft bgs, where the potential for leaching to groundwater is considered. The purpose of the more detailed evaluation was to confirm if these metals are indeed considered above background. Results of the property-specific data evaluation indicated that antimony, arsenic, and thallium have a normal or lognormal distribution with CVs <1 and are therefore within background in most of the properties with a few exceptions. The properties where these metals appear to be present above background levels were carried forward into the HHRA.

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Geosyntec consultants

# TABLES

**Table 2-1**
**Summary Statistics of Background Metals and cPAHs**
Former Kast Property
Carson, CA

| Background Offsite Location | Category | Analyte | Depth (ft bgs) | # of Samples | Number of Detects | Number of NDS | % NDs | Minimum[1] | Maximum[1] | Mean[1] | Median[1] | SD[1] | Skewness[1] | CV[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Banning Park | cPAH | BaP-TEQ | 0.5 - 5 | 30 | 21 | 9 | 30% | 0.00106 | 0.0183 | 0.0042 | 0.0026 | 0.0048 | 2.20 | 1.13 |
| | Metals | Antimony | 0.5 - 5 | 30 | 1 | 29 | 97% | 0.741 | 0.741 | 0.741 | 0.741 | -- | -- | -- |
| | | Arsenic | 0.5 - 5 | 30 | 30 | 0 | 0% | 1.11 | 11.9 | 2.35 | 1.69 | 1.97 | 4.22 | 0.84 |
| | | Barium | 0.5 - 5 | 30 | 30 | 0 | 0% | 38.3 | 267 | 73.83 | 71.50 | 39.08 | 4.37 | 0.53 |
| | | Beryllium | 0.5 - 5 | 30 | 30 | 0 | 0% | 0.18 | 0.30 | 0.23 | 0.22 | 0.03 | 0.89 | 0.13 |
| | | Cadmium | 0.5 - 5 | 30 | 17 | 13 | 43% | 0.11 | 3.81 | 0.83 | 0.61 | 0.93 | 2.29 | 1.12 |
| | | Chromium | 0.5 - 5 | 30 | 30 | 0 | 0% | 6.76 | 28.2 | 11.64 | 9.60 | 4.55 | 2.05 | 0.39 |
| | | Cobalt | 0.5 - 5 | 30 | 30 | 0 | 0% | 3.66 | 6.53 | 4.77 | 4.72 | 0.54 | 1.09 | 0.11 |
| | | Copper | 0.5 - 5 | 30 | 30 | 0 | 0% | 2.69 | 59 | 10.77 | 6.57 | 11.09 | 3.19 | 1.03 |
| | | Lead | 0.5 - 5 | 30 | 30 | 0 | 0% | 2.3 | 68.1 | 13.40 | 6.46 | 17.07 | 2.22 | 1.27 |
| | | Mercury | 0.5 - 5 | 30 | 30 | 0 | 0% | 0.02 | 0.32 | 0.05 | 0.03 | 0.06 | 3.70 | 1.22 |
| | | Molybdenum | 0.5 - 5 | 30 | 15 | 15 | 50% | 0.10 | 0.40 | 0.16 | 0.14 | 0.07 | 2.57 | 0.46 |
| | | Nickel | 0.5 - 5 | 30 | 30 | 0 | 0% | 3.68 | 20.8 | 6.6 | 5.7 | 3.0 | 3.9 | 0.5 |
| | | Selenium | 0.5 - 5 | 30 | 0 | 30 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Silver | 0.5 - 5 | 30 | 9 | 21 | 70% | 0.132 | 1.29 | 0.58 | 0.29 | 0.47 | 0.60 | 0.81 |
| | | Thallium | 0.5 - 5 | 30 | 0 | 30 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Vanadium | 0.5 - 5 | 30 | 30 | 0 | 0% | 12.6 | 22.8 | 16.28 | 16.25 | 1.92 | 1.19 | 0.12 |
| | | Zinc | 0.5 - 5 | 30 | 30 | 0 | 0% | 11.5 | 86.3 | 29.03 | 18.95 | 19.95 | 1.79 | 0.69 |
| Banning Elementary School | Metals | Antimony | 0 - 5 | 63 | 0 | 63 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Arsenic | 0 - 5 | 63 | 60 | 3 | 4.8% | 0.4 | 9 | 1.91 | 1.7 | 1.27 | 3.11 | 0.67 |
| | | Barium | 0 - 5 | 63 | 63 | 0 | 0% | 17.7 | 575 | 69.04 | 47.8 | 86.41 | 4.58 | 1.25 |
| | | Beryllium | 0 - 5 | 63 | 47 | 16 | 25% | 0.2 | 0.8 | 0.306 | 0.3 | 0.15 | 1.78 | 0.48 |
| | | Cadmium | 0 - 5 | 63 | 24 | 39 | 62% | 0.2 | 0.7 | 0.375 | 0.35 | 0.15 | 0.66 | 0.39 |
| | | Chromium | 0 - 5 | 63 | 63 | 0 | 0% | 4.4 | 36.5 | 11.24 | 10.6 | 5.95 | 1.91 | 0.53 |
| | | Cobalt | 0 - 5 | 63 | 59 | 4 | 6.4% | 2.5 | 15.7 | 5.52 | 5 | 2.70 | 1.72 | 0.49 |
| | | Copper | 0 - 5 | 63 | 63 | 0 | 0% | 3.5 | 44.1 | 15.51 | 14.1 | 8.99 | 1.08 | 0.58 |
| | | Lead | 0 - 5 | 63 | 59 | 4 | 6.4% | 2.6 | 112 | 13.06 | 6 | 18.57 | 3.36 | 1.42 |
| | | Mercury | 0 - 5 | 63 | 0 | 63 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Molybdenum | 0 - 5 | 63 | 0 | 63 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Nickel | 0 - 5 | 63 | 52 | 11 | 17% | 3 | 27.2 | 8.92 | 7.35 | 5.46 | 1.46 | 0.61 |
| | | Selenium | 0 - 5 | 63 | 0 | 63 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Silver | 0 - 5 | 63 | 0 | 63 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Thallium | 0 - 5 | 63 | 0 | 63 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Vanadium | 0 - 5 | 63 | 63 | 0 | 0% | 6.2 | 47.1 | 20.07 | 19.7 | 9.58 | 0.86 | 0.48 |
| | | Zinc | 0 - 5 | 63 | 63 | 0 | 0% | 9.7 | 291 | 44.93 | 30.6 | 44.02 | 3.245 | 0.98 |

**Table 2-1**
**Summary Statistics of Background Metals and cPAHs**
Former Kast Property
Carson, CA

| Background Offsite Location | Category | Analyte | Depth (ft bgs) | # of Samples | Number of Detects | Number of NDS | % NDs | Minimum[1] | Maximum[1] | Mean[1] | Median[1] | SD[1] | Skewness[1] | CV[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wilimington Middle School | cPAH | BaP-TEQ | 0.5 - 5 | 5 | 1 | 7 | 80% | 0.179 | 0.179 | 0.179 | 0.179 | -- | -- | -- |
| | Metals | Antimony | 0.5 - 5 | 5 | 0 | 5 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Arsenic | 0.5 - 5 | 5 | 5 | 0 | 0% | 1.52 | 127 | 27.86 | 3.41 | 55.43 | 2.23 | 1.99 |
| | | Barium | 0.5 - 5 | 5 | 5 | 0 | 0% | 66.30 | 92.2 | 75.42 | 72 | 10.2 | 1.46 | 0.14 |
| | | Beryllium | 0.5 - 5 | 5 | 4 | 1 | 20% | 0.30 | 0.48 | 0.37 | 0.34 | 0.08 | 1.24 | 0.22 |
| | | Cadmium | 0.5 - 5 | 5 | 0 | 5 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Chromium | 0.5 - 5 | 5 | 5 | 0 | 0% | 9.04 | 17.4 | 12.6 | 13 | 3.5 | 0.35 | 0.28 |
| | | Cobalt | 0.5 - 5 | 5 | 5 | 0 | 0% | 5.18 | 6.92 | 6.33 | 6.57 | 0.7 | -1.49 | 0.11 |
| | | Copper | 0.5 - 5 | 5 | 5 | 0 | 0% | 5.34 | 14.70 | 9.21 | 7.07 | 4.06 | 0.69 | 0.44 |
| | | Lead | 0.5 - 5 | 5 | 5 | 0 | 0% | 3.48 | 57.50 | 14.96 | 4.11 | 23.8 | 2.23 | 1.59 |
| | | Mercury | 0.5 - 5 | 5 | 0 | 5 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Molybdenum | 0.5 - 5 | 5 | 1 | 4 | 80% | 0.625 | 0.625 | 0.625 | 0.625 | -- | -- | -- |
| | | Nickel | 0.5 - 5 | 5 | 5 | 0 | 0% | 6.19 | 12.00 | 8.22 | 7.15 | 2.44 | 1.15 | 0.30 |
| | | Selenium | 0.5 - 5 | 5 | 1 | 4 | 80% | 0.78 | 0.78 | 0.78 | 0.78 | -- | -- | -- |
| | | Silver | 0.5 - 5 | 5 | 0 | 5 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Thallium | 0.5 - 5 | 5 | 0 | 5 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Vanadium | 0.5 - 5 | 5 | 5 | 0 | 0% | 15.8 | 29.1 | 22.9 | 24 | 4.8 | -0.4 | 0.2 |
| | | Zinc | 0.5 - 5 | 5 | 5 | 0 | 0% | 20.1 | 151 | 52.2 | 27.8 | 55.6 | 2.2 | 1.1 |
| Wilmington Recreation Center | Metals | Antimony | 0 - 2.5 | 8 | 0 | 8 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Arsenic | 0 - 2.5 | 8 | 8 | 0 | 0% | 0.3 | 2.1 | 1.35 | 1.35 | 0.64 | -0.30 | 0.47 |
| | | Barium | 0 - 2.5 | 8 | 8 | 0 | 0% | 31.9 | 91 | 58.24 | 56.00 | 16.58 | 0.70 | 0.29 |
| | | Beryllium | 0 - 2.5 | 8 | 7 | 1 | 13% | 0.2 | 0.3 | 0.23 | 0.20 | 0.05 | 1.23 | 0.21 |
| | | Cadmium | 0 - 2.5 | 8 | 8 | 0 | 0% | 0.2 | 1.0 | 0.49 | 0.30 | 0.36 | 0.82 | 0.73 |
| | | Chromium | 0 - 2.5 | 8 | 8 | 0 | 0% | 6.2 | 38.6 | 13.34 | 10.05 | 10.40 | 2.63 | 0.78 |
| | | Cobalt | 0 - 2.5 | 8 | 8 | 0 | 0% | 2.5 | 5.6 | 3.96 | 3.90 | 1.02 | 0.43 | 0.26 |
| | | Copper | 0 - 2.5 | 8 | 8 | 0 | 0% | 6.9 | 32.5 | 16.41 | 15.20 | 7.89 | 1.18 | 0.48 |
| | | Lead | 0 - 2.5 | 8 | 6 | 2 | 25% | 3.3 | 57.0 | 20.5 | 5.8 | 24.9 | 1.01 | 1.22 |
| | | Mercury | 0 - 2.5 | 8 | 0 | 8 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Molybdenum | 0 - 2.5 | 8 | 0 | 8 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Nickel | 0 - 2.5 | 8 | 8 | 0 | 0% | 4.10 | 16.40 | 9.50 | 8.85 | 4.46 | 0.64 | 0.47 |
| | | Selenium | 0 - 2.5 | 8 | 0 | 8 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Silver | 0 - 2.5 | 8 | 0 | 8 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Thallium | 0 - 2.5 | 8 | 0 | 8 | 100% | -- | -- | -- | -- | -- | -- | -- |
| | | Vanadium | 0 - 2.5 | 8 | 8 | 0 | 0% | 10.50 | 28.80 | 18.19 | 17.80 | 5.72 | 0.68 | 0.32 |
| | | Zinc | 0 - 2.5 | 8 | 8 | 0 | 0% | 29.80 | 525.00 | 122.50 | 41.20 | 169.50 | 2.44 | 1.38 |

Notes:
[1]Summary statistics based on detected samples
Units are in milligrams per kilogram (mg/kg); ft bgs = feet below ground surface; NDs = non-detects; SD = standard deviation; CV = coefficient of variation

**Table 3-1**
**Summary of Outlier Evaluation based on Weight-of-Evidence Approach**
Former Kast Property
Carson, CA

| Analyte | % NDs | 3IR | Rosner Test[1] | Q-Q Plot | GOF Test | Suspect Outlier | Sample Location | Sample Depth (ft bgs) | WOE Outlier |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | 99% | -- | -- | -- | -- | -- | -- | -- | None |
| Arsenic | 2.9% | >9 | 127 | 127 | No Discernible Distribution | 127 | Willmington School | 0 | 127 |
| Barium | 0% | >203 | 575 | >267 | No Discernible Distribution | >428 | Banning Elementary School | 0 and 0.5 | 428 and 525 |
| Beryllium | 17% | >0.6 | 0.8 | None | No Discernible Distribution, close to LN | 0.7 and 0.8 | Banning Elementary School | 0.5, 1 and 5 | None |
| Cadmium | 54% | >1 | 3.81 | 3.81 | Lognormal | 1.63, 1.8 and 3.81 | Banning Park | 0.5 | None |
| Chromium | 0% | >29.3 | 38.6 | None | Lognormal | 29.3, 36.5 | Banning Elementary School | 0.5 | None |
| Cobalt | 3.8% | >13.1 | 15.7 | None | Lognormal | 13.1, 13.5 and 15.7 | Banning Elementary School | 0.5, 5 and 1 | None |
| Copper | 0% | 59 | 59 | None | Lognormal or Gamma | 59 | Banning Park | 0.5 | None |
| Lead | 5.7% | >43.3 | 112 | 112 | No Discernible Distribution | None | -- | -- | None |
| Mercury | 72% | 0.324 | 0.324 | None | No Discernible Distribution, close to LN | 0.324 | Banning Park | 0.5 | None |
| Molybdenum | 85% | -- | -- | -- | No Discernible Distribution, close to LN | -- | -- | -- | None |
| Nickel | 10% | >25.3 | 27.2 | None | Lognormal | 25.3 and 27.2 | Banning Elementary School | 5 and 1 | None |
| Selenium | 99% | -- | -- | -- | -- | -- | -- | -- | None |
| Silver | 92% | -- | -- | -- | -- | -- | -- | -- | None |
| Thallium | 100% | -- | -- | -- | -- | -- | -- | -- | None |
| Vanadium | 0% | None | None | None | Lognormal | None | -- | -- | None |
| Zinc | 0% | >151 | 525 | 525 | No Discernible Distribution, close to LN | 525 | Willmington Reacreation Center | 0 | 525 |
| BaP-TEQ | 37% | 0.179 | 0.179 | 0.179 | No Discernible Distribution | 0.179 | Wilimington Middle School | 0.5 | None |

Notes:
None = no outliers identified
ft bgs = feet below ground surface; NDs = non-detects
" -- " not applicable, or could not be determined due to significantly large % NDs
[1] Result based on the Rosner outlier test at 1% significance level
3IR = Three Interquartile Range; GOF = Goodness of fit test; LN = Lognormal; WOE = Weight-of-Evidence

**Table 3-2**
**Summary of Background Threshold Values**
Former Kast Property
Carson, CA

| Analyte | Number of Samples | % NDs | Maximum Detected (mg/kg) | 95%-tile 99% UTL (mg/kg) | BTV (mg/kg) | Southern California BTV (mg/kg) | Selected BTV (mg/kg) |
|---|---|---|---|---|---|---|---|
| Antimony | 106 | 99% | 0.741 | 0.74 | 0.74 | -- | 0.74 |
| Arsenic | 105 | 2.9% | 11.9 | 10.41 | 10.41 | 12 | 12 |
| Barium | 104 | 0% | 267 | 195 | 195 | -- | 195 |
| Beryllium | 106 | 17% | 0.8 | 0.562 | 0.56 | -- | 0.56 |
| Cadmium | 106 | 54% | 3.81 | 3.81 | 3.81 | -- | 3.81 |
| Chromium | 106 | 0% | 38.6 | 32.54 | 32.54 | -- | 32.54 |
| Cobalt | 106 | 3.8% | 15.7 | 10.91 | 10.91 | -- | 10.91 |
| Copper | 106 | 0% | 59 | 64.62 | 59 | -- | 59 |
| Lead | 106 | 5.7% | 112 | 61.46 | 61.46 | -- | 61.46 |
| Mercury | 106 | 72% | 0.324 | 0.13 | 0.13 | -- | 0.13 |
| Molybdenum | 106 | 85% | 0.625 | 0.41 | 0.41 | -- | 0.41 |
| Nickel | 106 | 10% | 27.2 | 20.17 | 20.17 | -- | 20.17 |
| Selenium | 106 | 99% | 0.78 | 0.78 | 0.78 | -- | 0.78 |
| Silver | 106 | 92% | 1.29 | 2.32 | 1.29 | -- | 1.29 |
| Thallium | 106 | 100% | N/A | 0.23 | 0.23 | -- | 0.23 |
| Vanadium | 106 | 0% | 47.1 | 45.66 | 45.66 | -- | 45.66 |
| Zinc | 105 | 0% | 291 | 291 | 291 | -- | 291 |
| BaP TEQ | 35 | 37% | 0.179 | 0.10 | 0.10 | 0.90 | 0.90 |

Notes:
Values shown are based on background datasets after elimination of outliers
ND: Non-detects
UTL: Upper Tolerance Limit
BTV: Background Threshold Value

**Table 4-1**
**Site-Wide Data Comparison to BTVs and RBSLs**
Former Kast Property
Carson, CA

| CAS Number | Analyte | Number of Samples | Number of Detects | Percent Detected | Maximum Detected Concentration | RBSLc × 0.1 | RBSLnc × 0.1 | BTV | Units | COC Selection Rationale[1] | COC to be Further Evaluated? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | | | | |
| 7440-36-0 | Antimony | 10,300 | 1,899 | 18% | 6.5E+00 | -- | 3.1E+00 | 7.4E-01 | mg/kg | RBSLnc, >BTV | Yes |
| 7440-38-2 | Arsenic | 10,300 | 10,264 | 100% | 6.3E+01 | 3.9E-02 | 2.2E+00 | 1.2E+01 | mg/kg | RBSLc, RBSLnc, >BTV | Yes |
| 7440-39-3 | Barium | 10,300 | 10,300 | 100% | 1.0E+03 | -- | 1.6E+03 | 2.0E+02 | mg/kg | -- | No |
| 7440-41-7 | Beryllium | 10,300 | 10,272 | 100% | 1.2E+00 | 1.2E+04 | 1.6E+01 | 5.6E-01 | mg/kg | -- | No |
| 7440-43-9 | Cadmium | 10,300 | 2,741 | 27% | 9.0E+00 | 6.7E+03 | 7.0E+00 | 3.8E+00 | mg/kg | RBSLnc, >BTV | Yes |
| 7440-47-3 | Chromium | 10,300 | 10,300 | 100% | 7.4E+01 | -- | 1.2E+04 | 3.3E+01 | mg/kg | -- | No |
| 7440-48-4 | Cobalt | 10,300 | 10,300 | 100% | 3.1E+01 | 3.1E+03 | 2.3E+00 | 1.1E+01 | mg/kg | RBSLnc, >BTV | Yes |
| 7440-50-8 | Copper | 10,300 | 10,300 | 100% | 1.2E+03 | -- | 3.1E+02 | 5.9E+01 | mg/kg | RBSLnc, >BTV | Yes |
| 7439-92-1 | Lead | 10,300 | 10,275 | 100% | 1.3E+03 | -- | 8.0E+00 | 6.2E+01 | mg/kg | RBSLnc, >BTV | Yes |
| 7439-97-6 | Mercury | 10,300 | 9,891 | 96% | 1.3E+00 | -- | 2.3E+00 | 1.3E-01 | mg/kg | -- | No |
| 7439-98-7 | Molybdenum | 10,300 | 5,712 | 56% | 2.4E+01 | -- | 3.9E+01 | 4.1E-01 | mg/kg | -- | No |
| 7440-02-0 | Nickel | 10,300 | 10,300 | 100% | 4.3E+01 | 1.1E+05 | 1.6E+02 | 2.0E+01 | mg/kg | -- | No |
| 7782-49-2 | Selenium | 10,300 | 589 | 6% | 9.0E+00 | -- | 3.9E+01 | 7.8E-01 | mg/kg | -- | No |
| 7440-22-4 | Silver | 10,300 | 123 | 1% | 3.8E+00 | -- | 3.9E+01 | 1.3E+00 | mg/kg | -- | No |
| 7440-28-0 | Thallium | 10,300 | 420 | 4% | 3.5E+00 | -- | 7.8E-02 | 2.3E-01 | mg/kg | RBSLnc, >BTV | Yes |
| 7440-62-2 | Vanadium | 10,300 | 10,300 | 100% | 8.6E+01 | -- | 5.5E+01 | 4.6E+01 | mg/kg | RBSLnc, >BTV | Yes |
| 7440-66-6 | Zinc | 10,300 | 10,300 | 100% | 5.8E+03 | -- | 2.3E+03 | 2.9E+02 | mg/kg | RBSLnc, >BTV | Yes |
| **PAHs** | | | | | | | | | | | |
| 50-32-8 | BaP | 10,375 | 7,359 | 71% | 2.2E+01 | 1.6E-02 | -- | 9.0E-01 | mg/kg | RBSLc, >BTV | Yes |

Notes:

-- not available or not applicable

COC: Constituent of Concern

BTV = Background threshold values developed for the Site (see Section 3 and Table 3-2)

RBSLc = risk-based screening level based on cancer effects; RBSLnc = based on noncancer effects

RBSLs were derived assuming potential residential exposures as part of the human health screening risk evaluation (HHSRE) process (Geosyntec, 2009, 2010, 2011).

[1] COC when the maximum concentration exceeds both the 0.1 × Residential RBSL and the BTV. Selection criterion or criteria are listed in this column.

**Table 5-1.1**
**Summary of Descriptive Statistics for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24401 MARBELLA AVE | 33 | 58% | 0.23 | 1.14 | 0.615 | 0.55 | 0.269 | 0.71 | 0.437 | Normal |
| 24402 NEPTUNE AVE | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24402 PANAMA AVE | 127 | 94% | 0.32 | 2.1 | 1.037 | 0.99 | 0.434 | 0.496 | 0.419 | Lognormal |
| 24402 RAVENNA AVE | 40 | 3% | 0.28 | 0.28 | 0.28 | 0.28 | N/A | N/A | N/A | -- |
| 24403 NEPTUNE AVE | 46 | 96% | 0.36 | 1.99 | 1.089 | 1.035 | 0.41 | 0.158 | 0.376 | Normal |
| 24403 RAVENNA AVE | 62 | 2% | 0.62 | 0.62 | 0.62 | 0.62 | N/A | N/A | N/A | -- |
| 24405 MARBELLA AVE | 25 | 40% | 0.36 | 1.1 | 0.595 | 0.58 | 0.207 | 1.665 | 0.348 | Normal |
| 24406 MARBELLA AVE | 40 | 8% | 0.4 | 0.8 | 0.573 | 0.52 | 0.205 | 1.09 | 0.358 | Normal |
| 24406 NEPTUNE AVE | 28 | 32% | 0.64 | 1.7 | 1.144 | 1.21 | 0.348 | 0.0299 | 0.304 | Normal |
| 24406 PANAMA AVE | 23 | 17% | 2.54 | 4.3 | 3.335 | 3.25 | 0.817 | 0.351 | 0.245 | Normal |
| 24406 RAVENNA AVE | 26 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24409 NEPTUNE AVE | 24 | 38% | 0.31 | 2.07 | 0.832 | 0.7 | 0.574 | 1.389 | 0.689 | Normal |
| 24409 RAVENNA AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24410 PANAMA AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24411 MARBELLA AVE | 69 | 71% | 0.6 | 3.58 | 1.753 | 1.73 | 0.7 | 0.334 | 0.399 | Normal |
| 24411 PANAMA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24412 MARBELLA AVE | 31 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24412 RAVENNA AVE | 61 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24413 NEPTUNE AVE | 24 | 46% | 0.32 | 0.81 | 0.487 | 0.45 | 0.15 | 1.01 | 0.307 | Normal |
| 24413 RAVENNA AVE | 28 | 79% | 0.48 | 1.56 | 0.937 | 1.01 | 0.311 | 0.0995 | 0.331 | Normal |
| 24416 MARBELLA AVE | 50 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24416 NEPTUNE AVE | 21 | 5% | 0.4 | 0.4 | 0.4 | 0.4 | N/A | N/A | N/A | -- |
| 24416 PANAMA AVE | 33 | 73% | 0.62 | 2.26 | 1.296 | 1.35 | 0.445 | 0.229 | 0.343 | Normal |
| 24416 RAVENNA AVE | 42 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24417 MARBELLA AVE | 8 | 25% | 2.02 | 2.19 | 2.105 | 2.105 | 0.12 | N/A | 0.0571 | Normal |
| 24417 PANAMA AVE | 47 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24419 NEPTUNE AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24419 RAVENNA AVE | 32 | 59% | 0.34 | 1.55 | 0.945 | 0.95 | 0.31 | -0.124 | 0.328 | Normal |
| 24420 PANAMA AVE | 33 | 6% | 0.37 | 0.63 | 0.5 | 0.5 | 0.184 | N/A | 0.368 | Normal |
| 24421 PANAMA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24422 MARBELLA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24422 NEPTUNE AVE | 36 | 72% | 0.34 | 1.91 | 1.001 | 0.91 | 0.429 | 0.301 | 0.429 | Normal |
| 24422 RAVENNA AVE | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24423 MARBELLA AVE | 13 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24423 NEPTUNE AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24423 RAVENNA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24426 MARBELLA AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24426 NEPTUNE AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24426 PANAMA AVE | 30 | 7% | 0.95 | 1.05 | 1 | 1 | 0.0707 | N/A | 0.0707 | Normal |
| 24426 RAVENNA AVE | 49 | 57% | 0.55 | 2.4 | 1.121 | 0.98 | 0.445 | 1.027 | 0.397 | Normal |
| 24427 MARBELLA AVE | 25 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24427 PANAMA AVE | 38 | 3% | 0.39 | 0.39 | 0.39 | 0.39 | N/A | N/A | N/A | -- |
| 24429 NEPTUNE AVE | 19 | 21% | 0.36 | 1.98 | 0.918 | 0.665 | 0.723 | 1.748 | 0.788 | Normal |
| 24429 RAVENNA AVE | 29 | 21% | 0.25 | 0.48 | 0.368 | 0.37 | 0.0773 | -0.161 | 0.21 | Normal |
| 24430 PANAMA AVE | 30 | 10% | 0.33 | 0.42 | 0.363 | 0.34 | 0.0493 | 1.652 | 0.136 | Normal |
| 24431 PANAMA AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24432 MARBELLA AVE | 67 | 18% | 0.32 | 0.7 | 0.483 | 0.48 | 0.122 | 0.439 | 0.254 | Normal |
| 24433 MARBELLA AVE | 27 | 4% | 0.33 | 0.33 | 0.33 | 0.33 | N/A | N/A | N/A | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.1**
**Summary of Descriptive Statistics for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24436 PANAMA AVE | 35 | 9% | 0.32 | 0.77 | 0.577 | 0.64 | 0.232 | -1.139 | 0.402 | Normal |
| 24502 MARBELLA AVE | 51 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24502 NEPTUNE AVE | 58 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24502 PANAMA AVE | 48 | 60% | 0.4 | 3.35 | 1.238 | 1.22 | 0.65 | 1.308 | 0.525 | Lognormal |
| 24502 RAVENNA AVE | 44 | 2% | 1.1 | 1.1 | 1.1 | 1.1 | N/A | N/A | N/A | -- |
| 24503 MARBELLA AVE | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24503 NEPTUNE AVE | 60 | 33% | 0.36 | 1.75 | 0.935 | 0.865 | 0.405 | 0.537 | 0.434 | Normal |
| 24503 PANAMA AVE | 28 | 11% | 3.48 | 6.45 | 4.95 | 4.92 | 1.485 | 0.0909 | 0.3 | Normal |
| 24503 RAVENNA AVE | 34 | 21% | 0.21 | 1.16 | 0.594 | 0.49 | 0.345 | 0.885 | 0.58 | Normal |
| 24506 MARBELLA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24507 MARBELLA AVE | 36 | 17% | 0.31 | 1.44 | 0.757 | 0.59 | 0.471 | 0.72 | 0.623 | Normal |
| 24508 NEPTUNE AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24508 PANAMA AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24508 RAVENNA AVE | 39 | 8% | 0.38 | 0.91 | 0.633 | 0.61 | 0.266 | 0.392 | 0.42 | Normal |
| 24509 NEPTUNE AVE | 31 | 32% | 0.28 | 0.55 | 0.406 | 0.4 | 0.0965 | 0.171 | 0.238 | Normal |
| 24509 PANAMA AVE | 47 | 21% | 0.38 | 0.74 | 0.545 | 0.51 | 0.138 | 0.325 | 0.254 | Normal |
| 24509 RAVENNA AVE | 37 | 11% | 0.35 | 0.84 | 0.568 | 0.54 | 0.203 | 0.791 | 0.357 | Normal |
| 24512 MARBELLA AVE | 48 | 98% | 0.3 | 0.79 | 0.546 | 0.54 | 0.114 | -0.131 | 0.209 | Normal |
| 24512 NEPTUNE AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24512 PANAMA AVE | 28 | 39% | 0.41 | 0.83 | 0.528 | 0.52 | 0.12 | 1.594 | 0.227 | Lognormal |
| 24512 RAVENNA AVE | 56 | 25% | 0.597 | 1.24 | 0.94 | 1.01 | 0.219 | -0.299 | 0.233 | Normal |
| 24513 NEPTUNE AVE | 37 | 3% | 1.49 | 1.49 | 1.49 | 1.49 | N/A | N/A | N/A | -- |
| 24513 PANAMA AVE | 51 | 41% | 0.34 | 1.09 | 0.572 | 0.52 | 0.179 | 1.272 | 0.313 | Normal |
| 24513 RAVENNA AVE | 30 | 80% | 0.33 | 2.67 | 1.07 | 0.875 | 0.683 | 0.87 | 0.638 | Lognormal |
| 24516 MARBELLA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24517 MARBELLA AVE | 12 | 67% | 0.3 | 1.1 | 0.716 | 0.71 | 0.265 | -0.109 | 0.371 | Normal |
| 24518 NEPTUNE AVE | 45 | 44% | 0.24 | 0.58 | 0.366 | 0.365 | 0.0955 | 0.792 | 0.261 | Normal |
| 24518 PANAMA AVE | 42 | 19% | 1.74 | 2.69 | 2.141 | 2.05 | 0.344 | 0.936 | 0.161 | Normal |
| 24518 RAVENNA AVE | 30 | 57% | 0.36 | 2.08 | 0.848 | 0.84 | 0.459 | 1.27 | 0.541 | Normal |
| 24519 NEPTUNE AVE | 35 | 9% | 0.38 | 0.88 | 0.603 | 0.55 | 0.254 | 0.902 | 0.421 | Normal |
| 24519 PANAMA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24522 MARBELLA AVE | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24522 NEPTUNE AVE | 28 | 54% | 0.29 | 1.1 | 0.429 | 0.37 | 0.202 | 2.965 | 0.469 | -- |
| 24522 PANAMA AVE | 36 | 53% | 0.32 | 1 | 0.578 | 0.55 | 0.188 | 0.582 | 0.326 | Normal |
| 24522 RAVENNA AVE | 35 | 11% | 0.34 | 0.71 | 0.5 | 0.475 | 0.176 | 0.425 | 0.352 | Normal |
| 24523 MARBELLA AVE | 45 | 60% | 0.31 | 1.25 | 0.688 | 0.66 | 0.245 | 0.638 | 0.357 | Normal |
| 24523 NEPTUNE AVE | 37 | 14% | 0.34 | 1.12 | 0.672 | 0.58 | 0.29 | 0.89 | 0.431 | Normal |
| 24523 RAVENNA AVE | 17 | 53% | 0.4 | 1.74 | 0.783 | 0.68 | 0.432 | 1.569 | 0.551 | Normal |
| 24526 MARBELLA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24528 NEPTUNE AVE | 31 | 23% | 0.31 | 0.5 | 0.403 | 0.38 | 0.0709 | 0.63 | 0.176 | Lognormal |
| 24528 PANAMA AVE | 39 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24529 NEPTUNE AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24529 PANAMA AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24529 RAVENNA AVE | 26 | 4% | 0.84 | 0.84 | 0.84 | 0.84 | N/A | N/A | N/A | -- |
| 24532 MARBELLA AVE | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24532 NEPTUNE AVE | 21 | 19% | 0.31 | 0.51 | 0.378 | 0.345 | 0.09 | 1.782 | 0.238 | Normal |
| 24532 PANAMA AVE | 23 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24532 RAVENNA AVE | 29 | 24% | 0.44 | 2.09 | 1.224 | 1.09 | 0.634 | 0.186 | 0.518 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.1**
**Summary of Descriptive Statistics for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24533 MARBELLA AVE | 25 | 4% | 0.57 | 0.57 | 0.57 | 0.57 | N/A | N/A | N/A | -- |
| 24533 PANAMA AVE | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24533 RAVENNA AVE | 52 | 4% | 0.75 | 0.86 | 0.805 | 0.805 | 0.0778 | N/A | 0.0966 | Normal |
| 24602 MARBELLA AVE | 34 | 62% | 0.34 | 1.31 | 0.732 | 0.68 | 0.263 | 0.441 | 0.359 | Normal |
| 24602 NEPTUNE AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24602 PANAMA AVE | 40 | 28% | 0.49 | 1.49 | 0.9 | 0.93 | 0.281 | 0.414 | 0.312 | Normal |
| 24602 RAVENNA AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24603 MARBELLA AVE | 26 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24603 NEPTUNE AVE | 49 | 39% | 0.35 | 1.08 | 0.67 | 0.74 | 0.181 | 0.158 | 0.271 | Normal |
| 24603 PANAMA AVE | 30 | 20% | 0.31 | 0.85 | 0.602 | 0.61 | 0.177 | -0.489 | 0.295 | Normal |
| 24603 RAVENNA AVE | 31 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24606 MARBELLA AVE | 63 | 33% | 0.36 | 1.47 | 0.715 | 0.72 | 0.249 | 1.263 | 0.349 | Normal |
| 24607 MARBELLA AVE | 31 | 29% | 0.31 | 1.16 | 0.7 | 0.67 | 0.341 | 0.26 | 0.488 | Normal |
| 24608 NEPTUNE AVE | 37 | 51% | 0.38 | 1.03 | 0.622 | 0.55 | 0.208 | 0.689 | 0.335 | Normal |
| 24608 PANAMA AVE | 22 | 32% | 0.29 | 1.1 | 0.46 | 0.32 | 0.291 | 2.349 | 0.632 | -- |
| 24608 RAVENNA AVE | 40 | 30% | 0.34 | 1.64 | 0.768 | 0.65 | 0.38 | 1.249 | 0.495 | Normal |
| 24609 NEPTUNE AVE | 30 | 57% | 0.31 | 1.76 | 1.074 | 1.07 | 0.464 | -0.136 | 0.432 | Normal |
| 24609 PANAMA AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24609 RAVENNA AVE | 45 | 53% | 0.32 | 0.94 | 0.551 | 0.495 | 0.199 | 0.474 | 0.361 | Lognormal |
| 24612 MARBELLA AVE | 51 | 49% | 0.25 | 2.41 | 0.605 | 0.55 | 0.42 | 3.496 | 0.695 | Lognormal |
| 24612 NEPTUNE AVE | 47 | 38% | 0.19 | 1.13 | 0.693 | 0.665 | 0.285 | 0.0231 | 0.411 | Normal |
| 24612 PANAMA AVE | 33 | 45% | 0.15 | 0.83 | 0.492 | 0.57 | 0.237 | -0.115 | 0.481 | Normal |
| 24612 RAVENNA AVE | 46 | 26% | 0.31 | 2.21 | 0.622 | 0.405 | 0.543 | 2.696 | 0.874 | -- |
| 24613 MARBELLA AVE | 52 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24613 NEPTUNE AVE | 39 | 62% | 0.31 | 1.13 | 0.538 | 0.455 | 0.246 | 1.355 | 0.456 | -- |
| 24613 PANAMA AVE | 51 | 12% | 0.35 | 0.69 | 0.498 | 0.48 | 0.119 | 0.652 | 0.239 | Normal |
| 24613 RAVENNA AVE | 33 | 67% | 0.34 | 1.41 | 0.625 | 0.615 | 0.227 | 1.918 | 0.363 | Lognormal |
| 24616 MARBELLA AVE | 46 | 28% | 0.31 | 1.73 | 0.724 | 0.58 | 0.491 | 1.405 | 0.678 | Lognormal |
| 24617 MARBELLA AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24618 NEPTUNE AVE | 26 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24618 PANAMA AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24618 RAVENNA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24619 NEPTUNE AVE | 28 | 7% | 0.33 | 0.35 | 0.34 | 0.34 | 0.0141 | N/A | 0.0416 | Normal |
| 24619 PANAMA AVE | 38 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24619 RAVENNA AVE | 35 | 23% | 0.35 | 2.86 | 0.773 | 0.535 | 0.848 | 2.763 | 1.098 | -- |
| 24622 MARBELLA AVE | 53 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24622 NEPTUNE AVE | 34 | 44% | 0.29 | 0.56 | 0.397 | 0.37 | 0.0863 | 0.71 | 0.218 | Normal |
| 24623 MARBELLA AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24623 NEPTUNE AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24627 MARBELLA AVE | 48 | 31% | 0.59 | 3.23 | 1.585 | 1.03 | 0.946 | 0.494 | 0.597 | Lognormal |
| 24628 MARBELLA AVE | 52 | 2% | 0.67 | 0.67 | 0.67 | 0.67 | N/A | N/A | N/A | -- |
| 24628 NEPTUNE AVE | 18 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24629 NEPTUNE AVE | 39 | 41% | 0.33 | 1.95 | 0.836 | 0.795 | 0.451 | 0.979 | 0.54 | Normal |
| 24632 NEPTUNE AVE | 20 | 75% | 0.39 | 1.97 | 0.897 | 0.77 | 0.485 | 1.119 | 0.54 | Normal |
| 24633 MARBELLA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24700 MARBELLA AVE | 46 | 37% | 0.31 | 1.52 | 0.707 | 0.54 | 0.396 | 1.349 | 0.561 | Lognormal |
| 24700 RAVENNA AVE | 56 | 16% | 0.32 | 1.28 | 0.542 | 0.4 | 0.297 | 2.315 | 0.548 | Lognormal |
| 24702 NEPTUNE AVE | 46 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.1**
**Summary of Descriptive Statistics for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24702 PANAMA AVE | 30 | 10% | 0.39 | 0.56 | 0.46 | 0.43 | 0.0889 | 1.346 | 0.193 | Normal |
| 24703 MARBELLA AVE | 36 | 25% | 0.25 | 0.57 | 0.358 | 0.33 | 0.113 | 0.851 | 0.316 | Normal |
| 24703 NEPTUNE AVE | 39 | 10% | 0.36 | 0.63 | 0.5 | 0.505 | 0.11 | -0.27 | 0.221 | Normal |
| 24703 RAVENNA AVE | 53 | 8% | 0.4 | 0.87 | 0.665 | 0.695 | 0.22 | -0.446 | 0.331 | Normal |
| 24706 MARBELLA AVE | 43 | 40% | 0.32 | 1.13 | 0.671 | 0.62 | 0.267 | 0.297 | 0.398 | Normal |
| 24706 RAVENNA AVE | 33 | 6% | 0.5 | 0.73 | 0.615 | 0.615 | 0.163 | N/A | 0.264 | Normal |
| 24707 MARBELLA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24708 PANAMA AVE | 37 | 8% | 0.74 | 2.27 | 1.26 | 0.77 | 0.875 | 1.73 | 0.694 | Normal |
| 24709 NEPTUNE AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24709 PANAMA AVE | 43 | 5% | 0.34 | 0.35 | 0.345 | 0.345 | 0.00707 | N/A | 0.0205 | Normal |
| 24709 RAVENNA AVE | 52 | 2% | 0.7 | 0.7 | 0.7 | 0.7 | N/A | N/A | N/A | -- |
| 24710 MARBELLA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24712 NEPTUNE AVE | 32 | 9% | 0.64 | 1.3 | 0.887 | 0.72 | 0.36 | 1.636 | 0.406 | Normal |
| 24712 PANAMA AVE | 27 | 4% | 0.61 | 0.61 | 0.61 | 0.61 | N/A | N/A | N/A | -- |
| 24712 RAVENNA AVE | 45 | 33% | 0.37 | 1.02 | 0.577 | 0.57 | 0.175 | 1.22 | 0.302 | Normal |
| 24713 MARBELLA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24713 PANAMA AVE | 34 | 9% | 0.32 | 0.75 | 0.57 | 0.64 | 0.223 | -1.272 | 0.392 | Normal |
| 24713 RAVENNA AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24715 NEPTUNE AVE | 37 | 27% | 0.36 | 1.4 | 0.883 | 0.855 | 0.412 | 0.0125 | 0.466 | Normal |
| 24716 MARBELLA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24716 RAVENNA AVE | 15 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24717 MARBELLA AVE | 38 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24718 NEPTUNE AVE | 65 | 63% | 0.31 | 2.55 | 0.656 | 0.54 | 0.42 | 2.87 | 0.641 | -- |
| 24718 PANAMA AVE | 33 | 3% | 0.47 | 0.47 | 0.47 | 0.47 | N/A | N/A | N/A | -- |
| 24719 NEPTUNE AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24719 PANAMA AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24719 RAVENNA AVE | 45 | 29% | 0.33 | 1.65 | 0.699 | 0.57 | 0.383 | 1.437 | 0.547 | Lognormal |
| 24722 MARBELLA AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24722 NEPTUNE AVE | 40 | 25% | 0.23 | 0.39 | 0.31 | 0.32 | 0.0485 | -0.233 | 0.157 | Normal |
| 24722 PANAMA AVE | 18 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24722 RAVENNA AVE | 41 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24723 MARBELLA AVE | 22 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24723 RAVENNA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24725 NEPTUNE AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24726 MARBELLA AVE | 49 | 59% | 0.32 | 2.66 | 0.991 | 0.8 | 0.648 | 1.314 | 0.654 | Lognormal |
| 24726 RAVENNA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24727 MARBELLA AVE | 40 | 43% | 0.28 | 0.96 | 0.458 | 0.4 | 0.165 | 1.989 | 0.361 | Lognormal |
| 24728 NEPTUNE AVE | 33 | 3% | 0.5 | 0.5 | 0.5 | 0.5 | N/A | N/A | N/A | -- |
| 24728 PANAMA AVE | 31 | 26% | 0.37 | 0.96 | 0.641 | 0.645 | 0.24 | 0.133 | 0.374 | Normal |
| 24729 NEPTUNE AVE | 35 | 6% | 0.32 | 0.34 | 0.33 | 0.33 | 0.0141 | N/A | 0.0429 | Normal |
| 24729 PANAMA AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24729 RAVENNA AVE | 16 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24732 MARBELLA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24732 NEPTUNE AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24732 PANAMA AVE | 33 | 18% | 0.23 | 0.66 | 0.35 | 0.285 | 0.166 | 1.682 | 0.475 | Normal |
| 24732 RAVENNA AVE | 42 | 5% | 0.7 | 1.32 | 1.01 | 1.01 | 0.438 | N/A | 0.434 | Normal |
| 24733 MARBELLA AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24733 PANAMA AVE | 38 | 3% | 0.42 | 0.42 | 0.42 | 0.42 | N/A | N/A | N/A | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.1**
**Summary of Descriptive Statistics for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24733 RAVENNA AVE | 40 | 3% | 0.41 | 0.41 | 0.41 | 0.41 | N/A | N/A | N/A | -- |
| 24735 NEPTUNE AVE | 36 | 31% | 0.57 | 1.66 | 0.975 | 0.83 | 0.375 | 0.917 | 0.385 | Normal |
| 24736 MARBELLA AVE | 52 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24736 RAVENNA AVE | 43 | 19% | 0.5 | 1 | 0.798 | 0.8 | 0.186 | -0.403 | 0.233 | Normal |
| 24737 MARBELLA AVE | 28 | 4% | 0.32 | 0.32 | 0.32 | 0.32 | N/A | N/A | N/A | -- |
| 24738 NEPTUNE AVE | 51 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24738 PANAMA AVE | 32 | 75% | 0.23 | 0.92 | 0.425 | 0.41 | 0.164 | 1.198 | 0.385 | Normal |
| 24739 NEPTUNE AVE | 41 | 12% | 0.37 | 0.61 | 0.482 | 0.49 | 0.111 | -0.00936 | 0.23 | Normal |
| 24739 PANAMA AVE | 43 | 28% | 0.28 | 0.98 | 0.628 | 0.605 | 0.23 | 0.0492 | 0.366 | Normal |
| 24739 RAVENNA AVE | 42 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24740 MARBELLA AVE | 64 | 25% | 0.33 | 0.5 | 0.406 | 0.39 | 0.0554 | 0.694 | 0.137 | -- |
| 24741 MARBELLA AVE | 12 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24743 RAVENNA AVE | 42 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24744 MARBELLA AVE | 25 | 44% | 0.34 | 1.74 | 0.617 | 0.52 | 0.402 | 2.586 | 0.652 | -- |
| 24748 RAVENNA AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24749 RAVENNA AVE | 43 | 79% | 0.31 | 1.63 | 0.86 | 0.825 | 0.333 | 0.488 | 0.388 | Normal |
| 24752 RAVENNA AVE | 45 | 2% | 0.85 | 0.85 | 0.85 | 0.85 | N/A | N/A | N/A | -- |
| 24802 PANAMA AVE | 52 | 15% | 0.543 | 0.852 | 0.706 | 0.708 | 0.113 | -0.432 | 0.161 | Normal |
| 24803 NEPTUNE AVE | 32 | 6% | 0.42 | 0.7 | 0.56 | 0.56 | 0.198 | N/A | 0.354 | Normal |
| 24803 PANAMA AVE | 18 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24809 NEPTUNE AVE | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24809 PANAMA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24812 PANAMA AVE | 29 | 66% | 0.27 | 1.21 | 0.634 | 0.58 | 0.27 | 0.773 | 0.427 | Normal |
| 24813 PANAMA AVE | 15 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24815 NEPTUNE AVE | 30 | 63% | 0.56 | 2.49 | 1.281 | 1.26 | 0.581 | 0.652 | 0.454 | Normal |
| 24818 PANAMA AVE | 34 | 21% | 0.33 | 0.93 | 0.616 | 0.54 | 0.214 | 0.357 | 0.347 | Normal |
| 24819 PANAMA AVE | 34 | 3% | 0.31 | 0.31 | 0.31 | 0.31 | N/A | N/A | N/A | -- |
| 24822 PANAMA AVE | 43 | 2% | 0.34 | 0.34 | 0.34 | 0.34 | N/A | N/A | N/A | -- |
| 24823 PANAMA AVE | 39 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24825 NEPTUNE AVE | 98 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24828 PANAMA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24829 PANAMA AVE | 48 | 15% | 0.38 | 0.68 | 0.549 | 0.58 | 0.117 | -0.821 | 0.214 | Normal |
| 24832 PANAMA AVE | 38 | 26% | 0.31 | 0.85 | 0.51 | 0.5 | 0.168 | 0.754 | 0.329 | Normal |
| 24833 PANAMA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24838 PANAMA AVE | 28 | 29% | 0.35 | 0.6 | 0.43 | 0.415 | 0.0795 | 1.494 | 0.185 | Normal |
| 24904 NEPTUNE AVE | 74 | 26% | 0.31 | 1.19 | 0.629 | 0.6 | 0.253 | 0.594 | 0.401 | Normal |
| 24912 NEPTUNE AVE | 36 | 8% | 0.33 | 0.45 | 0.407 | 0.44 | 0.0666 | -1.688 | 0.164 | Normal |
| 301 244TH ST | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 305 244TH ST | 54 | 2% | 0.15 | 0.15 | 0.15 | 0.15 | N/A | N/A | N/A | -- |
| 311 244TH ST | 71 | 31% | 0.39 | 1.09 | 0.643 | 0.63 | 0.213 | 0.733 | 0.331 | Normal |
| 317 244TH ST | 58 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 321 244TH ST | 40 | 25% | 0.49 | 1.78 | 0.894 | 0.865 | 0.383 | 1.38 | 0.428 | Normal |
| 327 244TH ST | 12 | 25% | 0.32 | 0.91 | 0.57 | 0.48 | 0.305 | 1.212 | 0.535 | Normal |
| 331 244TH ST | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 337 244TH ST | 34 | 88% | 0.23 | 1.28 | 0.488 | 0.42 | 0.269 | 1.476 | 0.551 | Lognormal |
| 341 244TH ST | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 344 249TH ST | 35 | 71% | 0.37 | 1.05 | 0.668 | 0.67 | 0.171 | 0.229 | 0.256 | Normal |
| 345 249TH ST | 93 | 9% | 0.35 | 0.66 | 0.513 | 0.535 | 0.131 | -0.21 | 0.256 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.1**
**Summary of Descriptive Statistics for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 347 244TH ST | 32 | 25% | 0.48 | 0.84 | 0.66 | 0.665 | 0.133 | -0.0101 | 0.202 | Normal |
| 348 248TH ST | 49 | 20% | 0.32 | 0.75 | 0.471 | 0.47 | 0.137 | 0.797 | 0.291 | Normal |
| 348 249TH ST | 51 | 6% | 0.45 | 0.86 | 0.66 | 0.67 | 0.205 | -0.219 | 0.311 | Normal |
| 351 244TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 352 249TH ST | 32 | 28% | 0.27 | 1.08 | 0.511 | 0.45 | 0.249 | 1.779 | 0.487 | Lognormal |
| 353 249TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 354 248TH ST | 39 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 357 244TH ST | 40 | 35% | 0.34 | 1.24 | 0.634 | 0.565 | 0.291 | 0.821 | 0.459 | Normal |
| 357 249TH ST | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 358 249TH ST | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 360 248TH ST | 48 | 4% | 0.71 | 0.71 | 0.71 | 0.71 | 0 | N/A | 0 | -- |
| 361 244TH ST | 23 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 362 249TH ST | 25 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 363 249TH ST | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 364 248TH ST | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 367 244TH ST | 13 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 367 249TH ST | 46 | 28% | 0.28 | 1.11 | 0.385 | 0.32 | 0.22 | 3.463 | 0.572 | -- |
| 368 249TH ST | 55 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 373 249TH ST | 42 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 374 248TH ST | 120 | 33% | 0.31 | 1.21 | 0.606 | 0.585 | 0.232 | 0.877 | 0.383 | Lognormal |
| 374 249TH ST | 27 | 33% | 0.31 | 1.05 | 0.563 | 0.4 | 0.263 | 0.782 | 0.467 | Normal |
| 377 244TH ST | 32 | 16% | 0.36 | 0.64 | 0.484 | 0.48 | 0.115 | 0.369 | 0.238 | Normal |
| 377 249TH ST | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 378 249TH ST | 41 | 51% | 0.32 | 0.82 | 0.599 | 0.62 | 0.163 | -0.196 | 0.273 | Normal |
| 383 249TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 402 249TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 408 249TH ST | 24 | 4% | 0.31 | 0.31 | 0.31 | 0.31 | N/A | N/A | N/A | -- |
| 412 249TH ST | 77 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24703 PANAMA AVE | 62 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24808 PANAMA AVE | 20 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.2**
**Summary of Descriptive Statistics for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24401 MARBELLA AVE | 33 | 100% | 1.48 | 29.2 | 5.81 | 4.3 | 5.019 | 3.682 | 0.864 | -- |
| 24402 NEPTUNE AVE | 48 | 100% | 4.13 | 15.6 | 6.853 | 6.445 | 2.055 | 1.852 | 0.3 | Lognormal |
| 24402 PANAMA AVE | 127 | 100% | 0.83 | 27.9 | 5.776 | 4.61 | 3.722 | 2.797 | 0.644 | -- |
| 24402 RAVENNA AVE | 40 | 100% | 3.39 | 25 | 7.062 | 5.87 | 4.168 | 2.852 | 0.59 | -- |
| 24403 NEPTUNE AVE | 46 | 100% | 4.03 | 18.7 | 8.855 | 7.83 | 3.775 | 1.145 | 0.426 | Lognormal |
| 24403 RAVENNA AVE | 62 | 100% | 2.93 | 13.9 | 6.752 | 6.79 | 2.135 | 0.59 | 0.316 | Normal |
| 24405 MARBELLA AVE | 25 | 100% | 2.24 | 26.9 | 6.44 | 4.76 | 5.274 | 3.171 | 0.819 | -- |
| 24406 MARBELLA AVE | 40 | 100% | 2.91 | 12.7 | 6.279 | 5.825 | 2.28 | 1.015 | 0.363 | Lognormal |
| 24406 NEPTUNE AVE | 28 | 100% | 2 | 10.4 | 5.909 | 5.445 | 2.167 | 0.692 | 0.367 | Lognormal |
| 24406 PANAMA AVE | 23 | 100% | 0.77 | 5.78 | 3.9 | 3.67 | 1.228 | -0.329 | 0.315 | Normal |
| 24406 RAVENNA AVE | 26 | 100% | 3.2 | 10 | 5.376 | 5.055 | 1.471 | 1.269 | 0.274 | Lognormal |
| 24409 NEPTUNE AVE | 24 | 100% | 2.96 | 13.8 | 5.923 | 5.415 | 2.386 | 1.609 | 0.403 | Lognormal |
| 24409 RAVENNA AVE | 33 | 100% | 4.64 | 16.3 | 6.988 | 6.3 | 2.347 | 2.391 | 0.336 | -- |
| 24410 PANAMA AVE | 33 | 100% | 1.02 | 5.69 | 3.109 | 3.12 | 1.207 | 0.123 | 0.388 | Normal |
| 24411 MARBELLA AVE | 69 | 99% | 1.06 | 18 | 4.948 | 4.47 | 2.682 | 2.057 | 0.542 | -- |
| 24411 PANAMA AVE | 37 | 100% | 3.38 | 43.6 | 8.601 | 6.64 | 6.763 | 4.167 | 0.786 | -- |
| 24412 MARBELLA AVE | 31 | 100% | 0.63 | 14.9 | 4.62 | 3.97 | 2.756 | 1.856 | 0.597 | Lognormal |
| 24412 RAVENNA AVE | 61 | 100% | 3.48 | 21.1 | 7.17 | 6.92 | 2.538 | 2.802 | 0.354 | Lognormal |
| 24413 NEPTUNE AVE | 24 | 100% | 1.14 | 14.8 | 3.789 | 3.055 | 2.895 | 2.74 | 0.764 | Lognormal |
| 24413 RAVENNA AVE | 28 | 100% | 2.84 | 11.9 | 6.358 | 6.3 | 2.095 | 0.915 | 0.329 | Normal |
| 24416 MARBELLA AVE | 50 | 100% | 2.33 | 21.2 | 6.198 | 5.37 | 3.497 | 2.139 | 0.564 | Lognormal |
| 24416 NEPTUNE AVE | 21 | 100% | 2.82 | 8.76 | 5.464 | 5.76 | 1.575 | 0.0478 | 0.288 | Normal |
| 24416 PANAMA AVE | 33 | 100% | 1.28 | 6.16 | 2.873 | 2.52 | 1.14 | 1.512 | 0.397 | Lognormal |
| 24416 RAVENNA AVE | 42 | 100% | 1.31 | 7.74 | 4.447 | 4.215 | 1.552 | 0.314 | 0.349 | Normal |
| 24417 MARBELLA AVE | 8 | 100% | 6.44 | 24.6 | 13.3 | 11.13 | 6.595 | 0.792 | 0.496 | Normal |
| 24417 PANAMA AVE | 47 | 100% | 0.59 | 11.1 | 2.88 | 2.45 | 1.803 | 2.409 | 0.626 | Lognormal |
| 24419 NEPTUNE AVE | 32 | 100% | 3.6 | 19.9 | 6.686 | 6.105 | 3.037 | 2.978 | 0.454 | -- |
| 24419 RAVENNA AVE | 32 | 100% | 1.45 | 8.57 | 5.529 | 5.98 | 1.727 | -0.467 | 0.312 | Normal |
| 24420 PANAMA AVE | 33 | 100% | 1.43 | 9.05 | 4.037 | 3.86 | 1.61 | 1.133 | 0.399 | Normal |
| 24421 PANAMA AVE | 30 | 97% | 1.02 | 12.2 | 3.349 | 2.86 | 2.29 | 2.379 | 0.684 | Lognormal |
| 24422 MARBELLA AVE | 43 | 100% | 1.51 | 9.62 | 5.006 | 4.83 | 1.994 | 0.337 | 0.398 | Normal |
| 24422 NEPTUNE AVE | 36 | 100% | 3.34 | 10.9 | 5.926 | 6.15 | 1.534 | 0.678 | 0.259 | Normal |
| 24422 RAVENNA AVE | 29 | 100% | 4.04 | 7.43 | 5.549 | 5.49 | 1.027 | 0.292 | 0.185 | Normal |
| 24423 MARBELLA AVE | 13 | 100% | 4.77 | 28.3 | 10.36 | 8.41 | 6.172 | 2.37 | 0.596 | Lognormal |
| 24423 NEPTUNE AVE | 37 | 100% | 2.3 | 10.3 | 4.989 | 4.58 | 1.682 | 1.52 | 0.337 | Lognormal |
| 24423 RAVENNA AVE | 40 | 100% | 1.77 | 8.01 | 4.065 | 3.76 | 1.468 | 1.038 | 0.361 | Lognormal |
| 24426 MARBELLA AVE | 24 | 100% | 2.29 | 9.78 | 5.81 | 5.89 | 1.965 | 0.0109 | 0.338 | Normal |
| 24426 NEPTUNE AVE | 30 | 100% | 3.18 | 8.98 | 5.425 | 5.14 | 1.54 | 0.596 | 0.284 | Normal |
| 24426 PANAMA AVE | 30 | 100% | 1.5 | 6.27 | 3.472 | 2.905 | 1.524 | 0.595 | 0.439 | Lognormal |
| 24426 RAVENNA AVE | 49 | 100% | 2.9 | 13.8 | 6.437 | 6.43 | 1.791 | 1.379 | 0.278 | -- |
| 24427 MARBELLA AVE | 25 | 100% | 2.78 | 13.6 | 6.867 | 6.78 | 2.4 | 0.767 | 0.349 | Normal |
| 24427 PANAMA AVE | 38 | 100% | 4.26 | 11 | 6.771 | 6.75 | 1.455 | 0.726 | 0.215 | Normal |
| 24429 NEPTUNE AVE | 19 | 100% | 2.06 | 10.7 | 4.909 | 4.64 | 2.308 | 1.079 | 0.47 | Normal |
| 24429 RAVENNA AVE | 29 | 100% | 2.87 | 7.39 | 4.284 | 3.98 | 1.12 | 1.204 | 0.261 | Lognormal |
| 24430 PANAMA AVE | 30 | 100% | 2.49 | 9.26 | 5.081 | 4.625 | 1.669 | 0.757 | 0.328 | Normal |
| 24431 PANAMA AVE | 35 | 100% | 3.21 | 21.8 | 6.009 | 5.22 | 3.062 | 4.246 | 0.51 | -- |
| 24432 MARBELLA AVE | 67 | 100% | 0.92 | 16.4 | 4.621 | 3.92 | 2.896 | 1.752 | 0.627 | Lognormal |
| 24433 MARBELLA AVE | 27 | 100% | 2.34 | 10.1 | 5.88 | 5.62 | 1.963 | 0.0983 | 0.334 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.2**
**Summary of Descriptive Statistics for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24436 PANAMA AVE | 35 | 100% | 2.52 | 6.59 | 4.398 | 4.48 | 1.222 | 0.102 | 0.278 | -- |
| 24502 MARBELLA AVE | 51 | 100% | 2.22 | 16.9 | 5.62 | 5.11 | 2.678 | 1.87 | 0.476 | Lognormal |
| 24502 NEPTUNE AVE | 58 | 100% | 2.44 | 7.68 | 4.322 | 4.28 | 0.934 | 0.563 | 0.216 | Normal |
| 24502 PANAMA AVE | 48 | 94% | 0.56 | 6.85 | 3.553 | 3.5 | 1.506 | 0.309 | 0.424 | Normal |
| 24502 RAVENNA AVE | 44 | 100% | 1.73 | 8.79 | 3.412 | 2.935 | 1.481 | 1.647 | 0.434 | -- |
| 24503 MARBELLA AVE | 29 | 100% | 3.34 | 9.4 | 6.445 | 6.63 | 1.502 | -0.0569 | 0.233 | Normal |
| 24503 NEPTUNE AVE | 60 | 100% | 2.15 | 35.5 | 6.861 | 5.76 | 4.474 | 4.655 | 0.652 | -- |
| 24503 PANAMA AVE | 28 | 100% | 2.93 | 10.1 | 5.854 | 5.38 | 1.761 | 0.761 | 0.301 | Normal |
| 24503 RAVENNA AVE | 34 | 100% | 2.13 | 11.3 | 4.389 | 4.155 | 1.71 | 2.112 | 0.39 | Lognormal |
| 24506 MARBELLA AVE | 36 | 100% | 3.19 | 28.8 | 8.536 | 7.155 | 4.692 | 2.511 | 0.55 | Lognormal |
| 24507 MARBELLA AVE | 36 | 100% | 5.39 | 12.4 | 7.991 | 7.56 | 1.73 | 0.535 | 0.216 | Normal |
| 24508 NEPTUNE AVE | 40 | 100% | 3.45 | 14.8 | 7.1 | 6.35 | 2.638 | 1.265 | 0.372 | Lognormal |
| 24508 PANAMA AVE | 24 | 100% | 1.15 | 6.58 | 4.364 | 4.685 | 1.516 | -0.808 | 0.347 | Normal |
| 24508 RAVENNA AVE | 39 | 100% | 2.31 | 9.6 | 5.451 | 4.87 | 2.112 | 0.613 | 0.388 | Lognormal |
| 24509 NEPTUNE AVE | 31 | 100% | 1.46 | 15.2 | 6.012 | 5.58 | 3.012 | 1.113 | 0.501 | Normal |
| 24509 PANAMA AVE | 47 | 100% | 0.58 | 12.1 | 3.083 | 2.4 | 2.236 | 2.144 | 0.725 | Lognormal |
| 24509 RAVENNA AVE | 37 | 100% | 3.67 | 14 | 7.355 | 7.01 | 2.587 | 0.538 | 0.352 | Normal |
| 24512 MARBELLA AVE | 48 | 100% | 1.73 | 18.7 | 7.489 | 7.415 | 3.464 | 0.722 | 0.463 | Normal |
| 24512 NEPTUNE AVE | 36 | 100% | 2.43 | 14.8 | 6.512 | 5.165 | 3.288 | 0.992 | 0.505 | Lognormal |
| 24512 PANAMA AVE | 28 | 100% | 0.89 | 6.15 | 3.216 | 3.495 | 1.446 | 0.212 | 0.45 | Normal |
| 24512 RAVENNA AVE | 56 | 100% | 2.42 | 20 | 6.083 | 5.125 | 3.145 | 1.996 | 0.517 | Lognormal |
| 24513 NEPTUNE AVE | 37 | 100% | 2.25 | 14.4 | 6.352 | 5.89 | 2.755 | 0.909 | 0.434 | Normal |
| 24513 PANAMA AVE | 51 | 100% | 1.75 | 37.9 | 6.332 | 5.35 | 5.189 | 4.791 | 0.82 | Lognormal |
| 24513 RAVENNA AVE | 30 | 100% | 2.18 | 12.8 | 6.624 | 5.99 | 2.904 | 0.64 | 0.438 | Normal |
| 24516 MARBELLA AVE | 30 | 100% | 2.75 | 17.8 | 8.083 | 7.83 | 3.55 | 1.214 | 0.439 | Lognormal |
| 24517 MARBELLA AVE | 12 | 100% | 3.22 | 7.9 | 5.684 | 5.38 | 1.327 | 0.247 | 0.233 | Normal |
| 24518 NEPTUNE AVE | 45 | 100% | 1.68 | 17.3 | 5.724 | 4.86 | 3.56 | 1.134 | 0.622 | Lognormal |
| 24518 PANAMA AVE | 42 | 100% | 1.58 | 6.81 | 4.039 | 3.985 | 1.307 | 0.235 | 0.324 | Normal |
| 24518 RAVENNA AVE | 30 | 100% | 2.33 | 26.8 | 8.007 | 6.375 | 5.358 | 2.013 | 0.669 | Lognormal |
| 24519 NEPTUNE AVE | 35 | 100% | 2.28 | 11.3 | 6.415 | 6.08 | 2.676 | 0.312 | 0.417 | Lognormal |
| 24519 PANAMA AVE | 30 | 100% | 1.56 | 9.25 | 3.618 | 2.76 | 2.024 | 1.425 | 0.559 | -- |
| 24522 MARBELLA AVE | 27 | 100% | 1.3 | 19 | 8.431 | 7.49 | 4.88 | 0.364 | 0.579 | Normal |
| 24522 NEPTUNE AVE | 28 | 100% | 2.14 | 19.8 | 7.041 | 5.58 | 4.163 | 1.286 | 0.591 | Lognormal |
| 24522 PANAMA AVE | 36 | 100% | 1.53 | 8.92 | 3.965 | 3.48 | 1.571 | 1.273 | 0.396 | Lognormal |
| 24522 RAVENNA AVE | 35 | 100% | 0.87 | 13.7 | 3.357 | 2.61 | 2.492 | 2.417 | 0.742 | Lognormal |
| 24523 MARBELLA AVE | 45 | 100% | 1.55 | 12 | 5.737 | 5.54 | 1.852 | 0.731 | 0.323 | Normal |
| 24523 NEPTUNE AVE | 37 | 100% | 2.25 | 21.9 | 7.933 | 6.75 | 4.395 | 1.515 | 0.554 | Lognormal |
| 24523 RAVENNA AVE | 17 | 100% | 3.05 | 9.48 | 5.483 | 4.8 | 1.969 | 0.801 | 0.359 | Normal |
| 24526 MARBELLA AVE | 36 | 100% | 2.1 | 26.2 | 6.266 | 5.505 | 4.272 | 3.088 | 0.682 | Lognormal |
| 24528 NEPTUNE AVE | 31 | 100% | 0.41 | 15.8 | 2.763 | 1.94 | 3.274 | 3.11 | 1.185 | Lognormal |
| 24528 PANAMA AVE | 39 | 100% | 0.48 | 5.8 | 2.23 | 1.85 | 1.096 | 1.379 | 0.492 | Lognormal |
| 24529 NEPTUNE AVE | 32 | 100% | 2.4 | 11.3 | 5.307 | 4.62 | 2.205 | 1.236 | 0.415 | Lognormal |
| 24529 PANAMA AVE | 24 | 100% | 2.45 | 6.01 | 4.152 | 3.93 | 1.029 | 0.201 | 0.248 | Normal |
| 24529 RAVENNA AVE | 26 | 100% | 2.83 | 9.29 | 5.206 | 4.715 | 1.998 | 0.714 | 0.384 | Lognormal |
| 24532 MARBELLA AVE | 27 | 100% | 2.19 | 16.1 | 5.303 | 4.64 | 2.898 | 2.823 | 0.547 | -- |
| 24532 NEPTUNE AVE | 21 | 100% | 1.15 | 7.66 | 3.564 | 3.01 | 1.706 | 0.964 | 0.479 | Normal |
| 24532 PANAMA AVE | 23 | 100% | 2.36 | 11.2 | 5.058 | 4.19 | 2.432 | 1.401 | 0.481 | Lognormal |
| 24532 RAVENNA AVE | 29 | 100% | 1.75 | 6.51 | 3.859 | 3.5 | 1.256 | 0.487 | 0.325 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.2**
**Summary of Descriptive Statistics for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24533 MARBELLA AVE | 25 | 100% | 4.15 | 11 | 7.285 | 7.11 | 1.649 | 0.373 | 0.226 | Normal |
| 24533 PANAMA AVE | 29 | 100% | 3.15 | 8.4 | 5.364 | 5.17 | 1.414 | 0.657 | 0.264 | Normal |
| 24533 RAVENNA AVE | 52 | 100% | 0.53 | 4.57 | 2.81 | 2.915 | 0.895 | -0.269 | 0.319 | Normal |
| 24602 MARBELLA AVE | 34 | 100% | 0.46 | 16 | 4.176 | 3.245 | 3.493 | 1.947 | 0.836 | Lognormal |
| 24602 NEPTUNE AVE | 33 | 100% | 0.92 | 3.86 | 2.119 | 1.91 | 0.93 | 0.475 | 0.439 | Lognormal |
| 24602 PANAMA AVE | 40 | 100% | 1.24 | 15 | 4.093 | 2.98 | 3.277 | 2.229 | 0.801 | -- |
| 24602 RAVENNA AVE | 28 | 100% | 3.2 | 9.3 | 5.453 | 5.16 | 1.714 | 0.681 | 0.314 | Normal |
| 24603 MARBELLA AVE | 26 | 100% | 2.87 | 12.3 | 6.214 | 5.59 | 2.396 | 1.614 | 0.386 | -- |
| 24603 NEPTUNE AVE | 49 | 100% | 0.53 | 8.62 | 3.412 | 2.93 | 2.397 | 0.853 | 0.703 | Lognormal |
| 24603 PANAMA AVE | 30 | 100% | 2.36 | 8.04 | 4.837 | 4.795 | 1.297 | 0.67 | 0.268 | Normal |
| 24603 RAVENNA AVE | 31 | 100% | 2.17 | 6.02 | 3.779 | 3.68 | 0.961 | 0.368 | 0.254 | Normal |
| 24606 MARBELLA AVE | 63 | 100% | 1.92 | 11 | 5.461 | 5.36 | 2.071 | 0.49 | 0.379 | Normal |
| 24607 MARBELLA AVE | 31 | 100% | 0.58 | 21.1 | 5.345 | 4.75 | 3.418 | 3.368 | 0.639 | -- |
| 24608 NEPTUNE AVE | 37 | 100% | 1.94 | 6.98 | 4.384 | 4.53 | 1.282 | 0.0622 | 0.293 | Normal |
| 24608 PANAMA AVE | 22 | 100% | 2.11 | 11.2 | 4.583 | 4.625 | 1.888 | 2.005 | 0.412 | Lognormal |
| 24608 RAVENNA AVE | 40 | 100% | 1.58 | 14.7 | 4.017 | 3.605 | 2.122 | 3.428 | 0.528 | Lognormal |
| 24609 NEPTUNE AVE | 30 | 100% | 1.81 | 15.5 | 6.724 | 6.255 | 3.61 | 0.912 | 0.537 | Lognormal |
| 24609 PANAMA AVE | 34 | 100% | 0.4 | 14.3 | 4.95 | 4.215 | 2.871 | 1.243 | 0.58 | Lognormal |
| 24609 RAVENNA AVE | 45 | 100% | 1.42 | 5.51 | 2.86 | 2.55 | 1.053 | 0.632 | 0.368 | Lognormal |
| 24612 MARBELLA AVE | 51 | 100% | 2.1 | 14.8 | 5.258 | 4.71 | 2.51 | 2.236 | 0.477 | Lognormal |
| 24612 NEPTUNE AVE | 47 | 100% | 2.04 | 9.42 | 4.786 | 4.5 | 1.522 | 1.181 | 0.318 | Lognormal |
| 24612 PANAMA AVE | 33 | 100% | 1.78 | 10.2 | 4.025 | 3.09 | 2.359 | 1.556 | 0.586 | -- |
| 24612 RAVENNA AVE | 46 | 100% | 2.24 | 15.6 | 6.023 | 4.73 | 3.096 | 1.201 | 0.514 | Lognormal |
| 24613 MARBELLA AVE | 52 | 100% | 3.22 | 35.4 | 9.803 | 7.77 | 6.246 | 2.331 | 0.637 | -- |
| 24613 NEPTUNE AVE | 39 | 100% | 2.41 | 15.2 | 6.901 | 5.89 | 3.532 | 0.782 | 0.512 | Lognormal |
| 24613 PANAMA AVE | 51 | 100% | 1.56 | 14.8 | 5.509 | 4.64 | 2.607 | 1.31 | 0.473 | Lognormal |
| 24613 RAVENNA AVE | 33 | 100% | 1.32 | 8.26 | 3.705 | 3.57 | 1.639 | 1.016 | 0.442 | Lognormal |
| 24616 MARBELLA AVE | 46 | 100% | 2.24 | 32.2 | 6.947 | 5.035 | 6.089 | 2.734 | 0.877 | -- |
| 24617 MARBELLA AVE | 34 | 100% | 2.69 | 17.2 | 8.529 | 7.72 | 3.333 | 0.482 | 0.391 | Normal |
| 24618 NEPTUNE AVE | 26 | 100% | 2.69 | 8.68 | 4.911 | 4.61 | 1.603 | 0.877 | 0.326 | Normal |
| 24618 PANAMA AVE | 28 | 100% | 1.58 | 18.2 | 4.026 | 3.115 | 3.248 | 3.312 | 0.807 | Lognormal |
| 24618 RAVENNA AVE | 40 | 100% | 1.81 | 15.1 | 4.787 | 4.22 | 2.632 | 1.764 | 0.55 | Lognormal |
| 24619 NEPTUNE AVE | 28 | 100% | 3.58 | 14.2 | 7.708 | 7.19 | 3.327 | 0.387 | 0.432 | Lognormal |
| 24619 PANAMA AVE | 38 | 100% | 1.19 | 15 | 3.919 | 3.375 | 2.547 | 2.58 | 0.65 | Lognormal |
| 24619 RAVENNA AVE | 35 | 100% | 1.55 | 8.63 | 3.517 | 3.15 | 1.565 | 0.971 | 0.445 | Normal |
| 24622 MARBELLA AVE | 53 | 100% | 0.54 | 28.4 | 7.661 | 6.29 | 4.927 | 2.286 | 0.643 | -- |
| 24622 NEPTUNE AVE | 34 | 100% | 2.41 | 13.2 | 4.764 | 4.02 | 2.539 | 1.942 | 0.533 | -- |
| 24623 MARBELLA AVE | 32 | 100% | 3.01 | 25.8 | 7.075 | 5.66 | 4.632 | 2.717 | 0.655 | -- |
| 24623 NEPTUNE AVE | 36 | 100% | 4.28 | 16 | 8.68 | 8.065 | 3.1 | 0.433 | 0.357 | Normal |
| 24627 MARBELLA AVE | 48 | 100% | 2.02 | 20.5 | 6.605 | 5.475 | 3.511 | 1.75 | 0.532 | Lognormal |
| 24628 MARBELLA AVE | 52 | 100% | 2.4 | 25.6 | 7.353 | 5.94 | 4.495 | 1.882 | 0.611 | -- |
| 24628 NEPTUNE AVE | 18 | 100% | 0.44 | 5.85 | 2.093 | 1.695 | 1.397 | 1.491 | 0.668 | Lognormal |
| 24629 NEPTUNE AVE | 39 | 100% | 3.63 | 13 | 7.941 | 7.89 | 2.53 | 0.0837 | 0.319 | Normal |
| 24632 NEPTUNE AVE | 20 | 100% | 2.44 | 11.2 | 5.376 | 4.6 | 2.338 | 1.345 | 0.435 | Lognormal |
| 24633 MARBELLA AVE | 40 | 100% | 3.1 | 27.7 | 7.584 | 6.59 | 4.379 | 2.908 | 0.577 | Lognormal |
| 24700 MARBELLA AVE | 46 | 100% | 1.86 | 16.2 | 6.607 | 6.35 | 2.283 | 1.726 | 0.345 | -- |
| 24700 RAVENNA AVE | 56 | 100% | 2.18 | 11.7 | 5.102 | 4.37 | 2.32 | 0.836 | 0.455 | -- |
| 24702 NEPTUNE AVE | 46 | 100% | 0.84 | 7.49 | 2.476 | 1.905 | 1.561 | 2.005 | 0.63 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.2**
**Summary of Descriptive Statistics for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24702 PANAMA AVE | 30 | 100% | 2.32 | 13.4 | 6.025 | 5.475 | 2.274 | 1.26 | 0.378 | Normal |
| 24703 MARBELLA AVE | 36 | 100% | 2.33 | 12.8 | 5.411 | 4.645 | 2.366 | 1.722 | 0.437 | -- |
| 24703 NEPTUNE AVE | 39 | 100% | 1.01 | 10.9 | 4.553 | 4.41 | 2.938 | 0.558 | 0.645 | -- |
| 24703 RAVENNA AVE | 53 | 100% | 0.88 | 9.93 | 3.148 | 2.36 | 2.04 | 1.944 | 0.648 | -- |
| 24706 MARBELLA AVE | 43 | 100% | 2.89 | 11.5 | 5.653 | 5.53 | 1.92 | 0.947 | 0.34 | Normal |
| 24706 RAVENNA AVE | 33 | 100% | 2.12 | 13.6 | 4.941 | 4.08 | 2.667 | 1.783 | 0.54 | Lognormal |
| 24707 MARBELLA AVE | 37 | 100% | 3.28 | 11.2 | 6.092 | 5.82 | 1.737 | 0.945 | 0.285 | Normal |
| 24708 PANAMA AVE | 37 | 100% | 1.59 | 12.1 | 5.194 | 5.02 | 2.585 | 1.025 | 0.498 | -- |
| 24709 NEPTUNE AVE | 37 | 100% | 2.75 | 16.8 | 6.665 | 5.73 | 2.951 | 1.529 | 0.443 | Lognormal |
| 24709 PANAMA AVE | 43 | 100% | 1.49 | 11.4 | 4.291 | 3.73 | 2.082 | 1.414 | 0.485 | Lognormal |
| 24709 RAVENNA AVE | 52 | 100% | 1.84 | 11.5 | 4.351 | 4.415 | 1.455 | 2.167 | 0.334 | -- |
| 24710 MARBELLA AVE | 43 | 100% | 2.04 | 9.01 | 5.072 | 4.76 | 1.734 | 0.629 | 0.342 | Normal |
| 24712 NEPTUNE AVE | 32 | 100% | 1.42 | 11.5 | 4.733 | 4.18 | 2.226 | 1.734 | 0.47 | -- |
| 24712 PANAMA AVE | 27 | 100% | 1.83 | 7.33 | 4.734 | 4.96 | 1.343 | -0.33 | 0.284 | Normal |
| 24712 RAVENNA AVE | 45 | 100% | 2.23 | 8.7 | 5.058 | 4.71 | 1.481 | 0.56 | 0.293 | Normal |
| 24713 MARBELLA AVE | 37 | 100% | 3.37 | 9.79 | 5.407 | 5.09 | 1.552 | 0.967 | 0.287 | Lognormal |
| 24713 PANAMA AVE | 34 | 100% | 2.3 | 16.5 | 5.969 | 5.3 | 2.919 | 2.057 | 0.489 | Lognormal |
| 24713 RAVENNA AVE | 35 | 100% | 1.31 | 6.31 | 3.57 | 3.54 | 1.422 | 0.119 | 0.398 | Normal |
| 24715 NEPTUNE AVE | 37 | 100% | 2.78 | 16.7 | 6.627 | 6.37 | 3.388 | 1.237 | 0.511 | Lognormal |
| 24716 MARBELLA AVE | 30 | 100% | 4.3 | 11.2 | 6.711 | 6.475 | 1.474 | 1.15 | 0.22 | Normal |
| 24716 RAVENNA AVE | 15 | 100% | 2.04 | 10.5 | 3.87 | 3.18 | 2.078 | 2.565 | 0.537 | Lognormal |
| 24717 MARBELLA AVE | 38 | 100% | 2.85 | 10.7 | 4.93 | 4.72 | 1.582 | 1.613 | 0.321 | Lognormal |
| 24718 NEPTUNE AVE | 65 | 100% | 1.02 | 7.88 | 3.262 | 3.14 | 1.725 | 0.887 | 0.529 | -- |
| 24718 PANAMA AVE | 33 | 100% | 2.1 | 11.7 | 4.978 | 4.8 | 1.86 | 1.543 | 0.374 | Lognormal |
| 24719 NEPTUNE AVE | 33 | 100% | 2.32 | 8.64 | 5.502 | 5.57 | 1.642 | 0.0315 | 0.298 | Normal |
| 24719 PANAMA AVE | 28 | 100% | 3.09 | 13.6 | 5.558 | 5.015 | 2.122 | 2.249 | 0.382 | Lognormal |
| 24719 RAVENNA AVE | 45 | 100% | 1.35 | 9.28 | 3.981 | 4.03 | 1.689 | 0.612 | 0.424 | Normal |
| 24722 MARBELLA AVE | 34 | 100% | 2.4 | 6.6 | 4.396 | 4.365 | 1.156 | 0.0393 | 0.263 | Normal |
| 24722 NEPTUNE AVE | 40 | 100% | 1.06 | 5.46 | 2.45 | 2.305 | 1.064 | 0.917 | 0.434 | Lognormal |
| 24722 PANAMA AVE | 18 | 100% | 2.36 | 6.56 | 4.596 | 4.715 | 1.418 | -0.297 | 0.309 | Normal |
| 24722 RAVENNA AVE | 41 | 100% | 2 | 8.6 | 3.505 | 3.2 | 1.303 | 1.719 | 0.372 | Lognormal |
| 24723 MARBELLA AVE | 22 | 100% | 1.52 | 5.79 | 3.301 | 3.48 | 0.96 | 0.272 | 0.291 | Normal |
| 24723 RAVENNA AVE | 37 | 95% | 0.41 | 4.42 | 1.761 | 1.69 | 1.084 | 0.439 | 0.616 | -- |
| 24725 NEPTUNE AVE | 35 | 100% | 2.07 | 6.63 | 4.247 | 4.01 | 1.238 | 0.228 | 0.291 | Normal |
| 24726 MARBELLA AVE | 49 | 100% | 4.23 | 11.4 | 6.76 | 6.45 | 1.458 | 0.65 | 0.216 | Normal |
| 24726 RAVENNA AVE | 37 | 100% | 1.17 | 5.68 | 2.992 | 3.14 | 1.318 | 0.131 | 0.44 | -- |
| 24727 MARBELLA AVE | 40 | 100% | 2.47 | 8.17 | 4.635 | 4.41 | 1.34 | 0.669 | 0.289 | Normal |
| 24728 NEPTUNE AVE | 33 | 100% | 1.18 | 4.76 | 2.651 | 2.58 | 1.121 | 0.46 | 0.423 | Normal |
| 24728 PANAMA AVE | 31 | 100% | 1.43 | 10.8 | 3.956 | 4.1 | 1.965 | 1.243 | 0.497 | -- |
| 24729 NEPTUNE AVE | 35 | 100% | 2.32 | 6.3 | 4.015 | 3.91 | 1.147 | 0.27 | 0.286 | Normal |
| 24729 PANAMA AVE | 34 | 100% | 1.78 | 8.85 | 3.853 | 3.41 | 1.735 | 0.994 | 0.45 | Lognormal |
| 24729 RAVENNA AVE | 16 | 100% | 1.53 | 6.51 | 3.469 | 2.685 | 1.692 | 0.872 | 0.488 | Lognormal |
| 24732 MARBELLA AVE | 37 | 100% | 0.66 | 9.03 | 5.213 | 5.58 | 1.704 | -0.414 | 0.327 | Normal |
| 24732 NEPTUNE AVE | 35 | 100% | 1.12 | 4.68 | 2.626 | 2.54 | 1.095 | 0.466 | 0.417 | Normal |
| 24732 PANAMA AVE | 33 | 100% | 1.34 | 6 | 3.621 | 3.75 | 1.338 | -0.0894 | 0.369 | Normal |
| 24732 RAVENNA AVE | 42 | 93% | 0.41 | 5.82 | 1.843 | 1.84 | 1.129 | 1.366 | 0.613 | Lognormal |
| 24733 MARBELLA AVE | 32 | 100% | 2.76 | 8.98 | 4.965 | 4.775 | 1.385 | 0.914 | 0.279 | Normal |
| 24733 PANAMA AVE | 38 | 100% | 1.89 | 6.64 | 4.099 | 4.27 | 1.529 | 0.00864 | 0.373 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.2**
**Summary of Descriptive Statistics for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24733 RAVENNA AVE | 40 | 100% | 1.6 | 5.06 | 3.026 | 2.715 | 1.015 | 0.697 | 0.335 | Lognormal |
| 24735 NEPTUNE AVE | 36 | 100% | 0.95 | 4.92 | 2.568 | 2.395 | 1.137 | 0.463 | 0.443 | Lognormal |
| 24736 MARBELLA AVE | 52 | 100% | 1.33 | 8.55 | 4.282 | 4.18 | 1.615 | 0.509 | 0.377 | Normal |
| 24736 RAVENNA AVE | 43 | 100% | 1.56 | 5.62 | 3.491 | 3.51 | 0.938 | 0.356 | 0.269 | Normal |
| 24737 MARBELLA AVE | 28 | 100% | 1.71 | 6.3 | 3.663 | 3.835 | 1.267 | 0.127 | 0.346 | Normal |
| 24738 NEPTUNE AVE | 51 | 100% | 1.52 | 5.76 | 3.131 | 2.97 | 1.185 | 0.615 | 0.379 | Lognormal |
| 24738 PANAMA AVE | 32 | 100% | 0.84 | 4.61 | 2.606 | 2.545 | 1.093 | 0.315 | 0.419 | Normal |
| 24739 NEPTUNE AVE | 41 | 100% | 0.65 | 7.14 | 2.64 | 2.34 | 1.551 | 1.062 | 0.588 | Lognormal |
| 24739 PANAMA AVE | 43 | 100% | 0.93 | 9.32 | 3.195 | 3.01 | 1.62 | 1.375 | 0.507 | Normal |
| 24739 RAVENNA AVE | 42 | 98% | 0.49 | 4.09 | 1.633 | 1.71 | 0.879 | 0.487 | 0.539 | -- |
| 24740 MARBELLA AVE | 64 | 100% | 2.07 | 10.8 | 4.594 | 4.51 | 1.418 | 1.27 | 0.309 | Normal |
| 24741 MARBELLA AVE | 12 | 100% | 2.77 | 5.39 | 4.378 | 4.42 | 0.747 | -0.77 | 0.171 | Normal |
| 24743 RAVENNA AVE | 42 | 100% | 0.62 | 4.3 | 2.217 | 2.18 | 1.092 | 0.293 | 0.493 | Normal |
| 24744 MARBELLA AVE | 25 | 100% | 1.71 | 5.81 | 3.609 | 3.43 | 1.165 | 0.4 | 0.323 | Normal |
| 24748 RAVENNA AVE | 24 | 100% | 3.31 | 6.9 | 4.891 | 4.77 | 0.96 | 0.266 | 0.196 | Normal |
| 24749 RAVENNA AVE | 43 | 100% | 1.52 | 6.22 | 2.768 | 2.77 | 0.794 | 1.956 | 0.287 | Lognormal |
| 24752 RAVENNA AVE | 45 | 100% | 1.86 | 5.5 | 3.376 | 3.22 | 0.746 | 0.419 | 0.221 | Normal |
| 24802 PANAMA AVE | 52 | 100% | 1.04 | 5.33 | 3.156 | 3.18 | 1.189 | -0.0435 | 0.377 | Normal |
| 24803 NEPTUNE AVE | 32 | 100% | 1.17 | 6.7 | 2.569 | 2.26 | 1.284 | 1.428 | 0.5 | Lognormal |
| 24803 PANAMA AVE | 18 | 100% | 1.48 | 5.03 | 2.726 | 2.67 | 1.071 | 0.516 | 0.393 | Normal |
| 24809 NEPTUNE AVE | 27 | 100% | 0.62 | 3.01 | 1.403 | 1.14 | 0.693 | 1.107 | 0.494 | Lognormal |
| 24809 PANAMA AVE | 36 | 100% | 1.47 | 6.83 | 2.749 | 2.41 | 1.163 | 1.539 | 0.423 | Lognormal |
| 24812 PANAMA AVE | 29 | 100% | 0.58 | 3.54 | 2.047 | 2.29 | 0.926 | -0.0313 | 0.452 | -- |
| 24813 PANAMA AVE | 15 | 100% | 1.06 | 4.47 | 2.732 | 2.33 | 1.123 | 0.246 | 0.411 | Normal |
| 24815 NEPTUNE AVE | 30 | 100% | 1.16 | 5.2 | 2.604 | 2.32 | 1.094 | 0.671 | 0.42 | Normal |
| 24818 PANAMA AVE | 34 | 100% | 0.92 | 4.33 | 2.487 | 2.645 | 1.022 | -0.0437 | 0.411 | -- |
| 24819 PANAMA AVE | 34 | 100% | 2.63 | 6.01 | 3.99 | 3.945 | 0.929 | 0.684 | 0.233 | Lognormal |
| 24822 PANAMA AVE | 43 | 100% | 1.72 | 5.75 | 3.369 | 3.54 | 1.318 | 0.253 | 0.391 | -- |
| 24823 PANAMA AVE | 39 | 100% | 2.27 | 5.9 | 3.832 | 3.97 | 0.866 | -0.00239 | 0.226 | Normal |
| 24825 NEPTUNE AVE | 98 | 100% | 1.47 | 6.45 | 3.425 | 3.2 | 1.139 | 0.413 | 0.332 | -- |
| 24828 PANAMA AVE | 36 | 100% | 0.55 | 3.77 | 1.877 | 1.94 | 0.91 | 0.182 | 0.485 | Normal |
| 24829 PANAMA AVE | 48 | 100% | 0.89 | 8.67 | 2.318 | 2.215 | 1.136 | 3.838 | 0.49 | Lognormal |
| 24832 PANAMA AVE | 38 | 97% | 0.54 | 3.9 | 1.727 | 1.53 | 0.82 | 0.779 | 0.475 | Normal |
| 24833 PANAMA AVE | 43 | 100% | 0.58 | 3.8 | 1.725 | 1.69 | 0.762 | 0.634 | 0.442 | Normal |
| 24838 PANAMA AVE | 28 | 100% | 1.54 | 7.23 | 4.068 | 4.17 | 1.596 | 0.272 | 0.392 | Normal |
| 24904 NEPTUNE AVE | 74 | 100% | 1.54 | 6.59 | 4.054 | 4.115 | 0.922 | 0.169 | 0.228 | Normal |
| 24912 NEPTUNE AVE | 36 | 100% | 1.61 | 6.07 | 3.427 | 2.965 | 1.315 | 0.711 | 0.384 | -- |
| 301 244TH ST | 29 | 83% | 0.48 | 14 | 3.263 | 2.025 | 3.487 | 2.091 | 1.069 | Lognormal |
| 305 244TH ST | 54 | 100% | 1.91 | 28.2 | 8.046 | 6.97 | 5.174 | 2.091 | 0.643 | Lognormal |
| 311 244TH ST | 71 | 100% | 0.75 | 39.6 | 7.078 | 6.82 | 4.825 | 4.521 | 0.682 | -- |
| 317 244TH ST | 58 | 100% | 0.89 | 20.2 | 7.549 | 7.59 | 3.708 | 1.109 | 0.491 | -- |
| 321 244TH ST | 40 | 100% | 3.44 | 50.9 | 8.714 | 6.715 | 7.741 | 4.42 | 0.888 | -- |
| 327 244TH ST | 12 | 100% | 2.32 | 10.9 | 5.581 | 5.31 | 2.52 | 0.804 | 0.452 | Normal |
| 331 244TH ST | 28 | 100% | 1.95 | 62.9 | 11.65 | 7.05 | 13.13 | 2.944 | 1.127 | -- |
| 337 244TH ST | 34 | 100% | 2.59 | 19.3 | 7.901 | 6.67 | 4.164 | 1.055 | 0.527 | Lognormal |
| 341 244TH ST | 48 | 100% | 5.12 | 19.3 | 8.239 | 7.53 | 2.563 | 1.923 | 0.311 | Lognormal |
| 344 249TH ST | 35 | 100% | 1.13 | 4.73 | 2.755 | 2.57 | 1.21 | 0.302 | 0.439 | -- |
| 345 249TH ST | 93 | 100% | 1.01 | 5.99 | 3.201 | 3.04 | 1.053 | 0.157 | 0.329 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.2**
**Summary of Descriptive Statistics for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 347 244TH ST | 32 | 100% | 4.48 | 14.2 | 7.07 | 6.795 | 1.865 | 1.755 | 0.264 | Lognormal |
| 348 248TH ST | 49 | 100% | 1.01 | 5.58 | 2.644 | 2.4 | 1.21 | 0.664 | 0.457 | Lognormal |
| 348 249TH ST | 51 | 98% | 0.95 | 6.55 | 3.27 | 3.135 | 1.474 | 0.472 | 0.451 | Normal |
| 351 244TH ST | 32 | 100% | 3.03 | 8.58 | 5.286 | 5.25 | 1.198 | 0.681 | 0.227 | Normal |
| 352 249TH ST | 32 | 100% | 1.28 | 4.32 | 2.8 | 2.865 | 0.87 | -0.0117 | 0.311 | Normal |
| 353 249TH ST | 32 | 100% | 2.18 | 11.1 | 5.098 | 4.875 | 1.909 | 0.95 | 0.375 | Normal |
| 354 248TH ST | 39 | 100% | 1.72 | 6.21 | 3.225 | 2.86 | 1.235 | 0.934 | 0.383 | -- |
| 357 244TH ST | 40 | 100% | 3.86 | 9.56 | 6.291 | 6.425 | 1.377 | 0.459 | 0.219 | Normal |
| 357 249TH ST | 24 | 100% | 2.05 | 6.17 | 4.043 | 4.03 | 1.141 | 0.0925 | 0.282 | Normal |
| 358 249TH ST | 43 | 98% | 0.41 | 4.93 | 2.239 | 2.135 | 1.134 | 0.433 | 0.507 | Normal |
| 360 248TH ST | 48 | 100% | 2.77 | 8.26 | 5.189 | 5.08 | 1.194 | 0.271 | 0.23 | Normal |
| 361 244TH ST | 23 | 100% | 3.46 | 9.84 | 5.449 | 5.46 | 1.57 | 0.936 | 0.288 | Normal |
| 362 249TH ST | 25 | 100% | 1.16 | 5.67 | 3.285 | 3.09 | 1.51 | 0.162 | 0.46 | -- |
| 363 249TH ST | 27 | 100% | 0.53 | 6.3 | 2.68 | 2.15 | 1.758 | 0.802 | 0.656 | Lognormal |
| 364 248TH ST | 48 | 100% | 1.32 | 4.86 | 2.497 | 2.38 | 0.766 | 1.139 | 0.307 | Lognormal |
| 367 244TH ST | 13 | 100% | 1.34 | 5.55 | 3.919 | 4.08 | 1.203 | -0.928 | 0.307 | Normal |
| 367 249TH ST | 46 | 100% | 0.7 | 5.96 | 3.295 | 3.355 | 1.331 | -0.0998 | 0.404 | Normal |
| 368 249TH ST | 55 | 100% | 0.94 | 7.22 | 2.244 | 1.98 | 1.092 | 1.9 | 0.487 | Lognormal |
| 373 249TH ST | 42 | 98% | 0.5 | 5.06 | 2.194 | 2.17 | 0.926 | 0.487 | 0.422 | Normal |
| 374 248TH ST | 120 | 100% | 0.51 | 7.46 | 2.911 | 2.87 | 1.423 | 0.556 | 0.489 | -- |
| 374 249TH ST | 27 | 89% | 0.51 | 3.38 | 1.342 | 1.14 | 0.827 | 1.227 | 0.616 | Lognormal |
| 377 244TH ST | 32 | 100% | 3.24 | 11.6 | 5.502 | 4.935 | 2.019 | 1.372 | 0.367 | Lognormal |
| 377 249TH ST | 33 | 64% | 0.44 | 2.54 | 1.14 | 1.11 | 0.531 | 1.095 | 0.466 | Normal |
| 378 249TH ST | 41 | 100% | 0.42 | 4.38 | 2.442 | 2.32 | 1.015 | 0.343 | 0.416 | -- |
| 383 249TH ST | 32 | 100% | 1.37 | 6.86 | 2.618 | 2.41 | 0.994 | 2.83 | 0.379 | -- |
| 402 249TH ST | 32 | 100% | 0.69 | 3.6 | 2.271 | 2.525 | 0.906 | -0.323 | 0.399 | -- |
| 408 249TH ST | 24 | 100% | 0.76 | 6.7 | 2.871 | 2.27 | 1.673 | 1.107 | 0.583 | Lognormal |
| 412 249TH ST | 77 | 100% | 1.12 | 11.5 | 4.346 | 4.26 | 2.039 | 0.804 | 0.469 | -- |
| 24703 PANAMA AVE | 62 | 100% | 1.28 | 12.9 | 4.488 | 3.695 | 2.343 | 1.492 | 0.522 | Lognormal |
| 24808 PANAMA AVE | 20 | 100% | 0.82 | 3.48 | 2.206 | 2.295 | 0.918 | -0.125 | 0.416 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.3**
**Summary of Descriptive Statistics for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24401 MARBELLA AVE | 33 | 91% | 0.24 | 1.16 | 0.381 | 0.32 | 0.184 | 3.106 | 0.484 | -- |
| 24402 NEPTUNE AVE | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24402 PANAMA AVE | 127 | 28% | 0.09 | 0.83 | 0.207 | 0.145 | 0.154 | 2.327 | 0.746 | -- |
| 24402 RAVENNA AVE | 40 | 58% | 0.02 | 1.54 | 0.274 | 0.13 | 0.376 | 2.863 | 1.374 | -- |
| 24403 NEPTUNE AVE | 46 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24403 RAVENNA AVE | 62 | 66% | 0.09 | 0.58 | 0.147 | 0.12 | 0.0861 | 3.737 | 0.586 | -- |
| 24405 MARBELLA AVE | 25 | 80% | 0.1 | 0.21 | 0.152 | 0.15 | 0.0316 | 0.31 | 0.208 | Normal |
| 24406 MARBELLA AVE | 40 | 45% | 0.06 | 0.7 | 0.231 | 0.185 | 0.174 | 1.676 | 0.752 | Lognormal |
| 24406 NEPTUNE AVE | 28 | 71% | 0.27 | 0.75 | 0.53 | 0.49 | 0.126 | 0.247 | 0.238 | Normal |
| 24406 PANAMA AVE | 23 | 4% | 0.03 | 0.03 | 0.03 | 0.03 | N/A | N/A | N/A | -- |
| 24406 RAVENNA AVE | 26 | 65% | 0.01 | 0.47 | 0.136 | 0.12 | 0.102 | 2.201 | 0.75 | -- |
| 24409 NEPTUNE AVE | 24 | 50% | 0.43 | 1.85 | 0.709 | 0.575 | 0.383 | 2.807 | 0.54 | -- |
| 24409 RAVENNA AVE | 33 | 91% | 0.09 | 1.4 | 0.659 | 0.68 | 0.315 | -0.0235 | 0.478 | -- |
| 24410 PANAMA AVE | 33 | 24% | 0.09 | 0.36 | 0.215 | 0.215 | 0.105 | 0.365 | 0.488 | Normal |
| 24411 MARBELLA AVE | 69 | 42% | 0.09 | 0.45 | 0.165 | 0.15 | 0.0838 | 1.954 | 0.508 | -- |
| 24411 PANAMA AVE | 37 | 5% | 4.31 | 6.33 | 5.32 | 5.32 | 1.428 | N/A | 0.268 | Normal |
| 24412 MARBELLA AVE | 31 | 52% | 0.11 | 1.68 | 0.439 | 0.195 | 0.462 | 1.606 | 1.05 | -- |
| 24412 RAVENNA AVE | 61 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24413 NEPTUNE AVE | 24 | 25% | 0.1 | 2.05 | 0.622 | 0.205 | 0.778 | 1.644 | 1.252 | Lognormal |
| 24413 RAVENNA AVE | 28 | 14% | 0.18 | 0.98 | 0.565 | 0.55 | 0.404 | 0.0692 | 0.715 | Normal |
| 24416 MARBELLA AVE | 50 | 16% | 0.09 | 0.93 | 0.336 | 0.3 | 0.28 | 1.491 | 0.832 | Normal |
| 24416 NEPTUNE AVE | 21 | 100% | 0.12 | 0.38 | 0.22 | 0.22 | 0.0711 | 0.491 | 0.323 | Normal |
| 24416 PANAMA AVE | 33 | 64% | 0.1 | 0.37 | 0.194 | 0.17 | 0.0745 | 0.977 | 0.383 | Normal |
| 24416 RAVENNA AVE | 42 | 2% | 1.22 | 1.22 | 1.22 | 1.22 | N/A | N/A | N/A | -- |
| 24417 MARBELLA AVE | 8 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24417 PANAMA AVE | 47 | 51% | 0.09 | 0.57 | 0.184 | 0.155 | 0.111 | 2.21 | 0.602 | Lognormal |
| 24419 NEPTUNE AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24419 RAVENNA AVE | 32 | 3% | 0.43 | 0.43 | 0.43 | 0.43 | N/A | N/A | N/A | -- |
| 24420 PANAMA AVE | 33 | 18% | 0.09 | 1.09 | 0.292 | 0.135 | 0.392 | 2.426 | 1.344 | -- |
| 24421 PANAMA AVE | 30 | 30% | 0.09 | 0.34 | 0.196 | 0.17 | 0.102 | 0.501 | 0.522 | Normal |
| 24422 MARBELLA AVE | 43 | 21% | 0.1 | 0.81 | 0.351 | 0.29 | 0.271 | 0.729 | 0.771 | Normal |
| 24422 NEPTUNE AVE | 36 | 3% | 0.22 | 0.22 | 0.22 | 0.22 | N/A | N/A | N/A | -- |
| 24422 RAVENNA AVE | 29 | 31% | 0.01 | 0.15 | 0.1 | 0.1 | 0.0456 | -1.041 | 0.456 | Normal |
| 24423 MARBELLA AVE | 13 | 8% | 1.7 | 1.7 | 1.7 | 1.7 | N/A | N/A | N/A | -- |
| 24423 NEPTUNE AVE | 37 | 57% | 0.09 | 0.39 | 0.164 | 0.14 | 0.0749 | 1.781 | 0.457 | Lognormal |
| 24423 RAVENNA AVE | 40 | 10% | 0.09 | 0.38 | 0.188 | 0.14 | 0.131 | 1.723 | 0.701 | Normal |
| 24426 MARBELLA AVE | 24 | 17% | 0.1 | 0.79 | 0.3 | 0.155 | 0.328 | 1.94 | 1.094 | Lognormal |
| 24426 NEPTUNE AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24426 PANAMA AVE | 30 | 40% | 0.09 | 0.75 | 0.26 | 0.17 | 0.204 | 1.508 | 0.786 | Lognormal |
| 24426 RAVENNA AVE | 49 | 2% | 0.8 | 0.8 | 0.8 | 0.8 | N/A | N/A | N/A | -- |
| 24427 MARBELLA AVE | 25 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24427 PANAMA AVE | 38 | 3% | 1.08 | 1.08 | 1.08 | 1.08 | N/A | N/A | N/A | -- |
| 24429 NEPTUNE AVE | 19 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24429 RAVENNA AVE | 29 | 62% | 0.11 | 0.44 | 0.232 | 0.24 | 0.104 | 0.397 | 0.448 | Normal |
| 24430 PANAMA AVE | 30 | 3% | 1.37 | 1.37 | 1.37 | 1.37 | N/A | N/A | N/A | -- |
| 24431 PANAMA AVE | 35 | 51% | 0.09 | 1.12 | 0.258 | 0.13 | 0.288 | 2.207 | 1.118 | -- |
| 24432 MARBELLA AVE | 67 | 24% | 0.1 | 0.66 | 0.305 | 0.185 | 0.216 | 0.69 | 0.708 | -- |
| 24433 MARBELLA AVE | 27 | 11% | 0.23 | 0.32 | 0.283 | 0.3 | 0.0473 | -1.39 | 0.167 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.3**
**Summary of Descriptive Statistics for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24436 PANAMA AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24502 MARBELLA AVE | 51 | 59% | 0.09 | 2.8 | 0.545 | 0.3 | 0.616 | 2.254 | 1.131 | Lognormal |
| 24502 NEPTUNE AVE | 58 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24502 PANAMA AVE | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24502 RAVENNA AVE | 44 | 9% | 0.15 | 0.25 | 0.183 | 0.165 | 0.0472 | 1.517 | 0.258 | Normal |
| 24503 MARBELLA AVE | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24503 NEPTUNE AVE | 60 | 20% | 0.09 | 0.72 | 0.371 | 0.335 | 0.248 | 0.19 | 0.669 | Normal |
| 24503 PANAMA AVE | 28 | 82% | 0.09 | 0.27 | 0.145 | 0.14 | 0.0445 | 1.166 | 0.307 | Normal |
| 24503 RAVENNA AVE | 34 | 3% | 0.09 | 0.09 | 0.09 | 0.09 | N/A | N/A | N/A | -- |
| 24506 MARBELLA AVE | 36 | 67% | 0.09 | 0.47 | 0.204 | 0.17 | 0.0967 | 1.391 | 0.474 | Lognormal |
| 24507 MARBELLA AVE | 36 | 92% | 0.09 | 0.34 | 0.183 | 0.18 | 0.0559 | 0.521 | 0.306 | Normal |
| 24508 NEPTUNE AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24508 PANAMA AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24508 RAVENNA AVE | 39 | 10% | 0.12 | 0.28 | 0.165 | 0.13 | 0.0768 | 1.977 | 0.466 | -- |
| 24509 NEPTUNE AVE | 31 | 71% | 0.27 | 0.64 | 0.424 | 0.41 | 0.0928 | 0.442 | 0.219 | Normal |
| 24509 PANAMA AVE | 47 | 36% | 0.09 | 1.85 | 0.296 | 0.15 | 0.423 | 3.491 | 1.431 | -- |
| 24509 RAVENNA AVE | 37 | 3% | 1 | 1 | 1 | 1 | N/A | N/A | N/A | -- |
| 24512 MARBELLA AVE | 48 | 100% | 0.26 | 0.73 | 0.499 | 0.505 | 0.0993 | 0.197 | 0.199 | Normal |
| 24512 NEPTUNE AVE | 36 | 100% | 0.4 | 1.36 | 0.626 | 0.575 | 0.173 | 2.265 | 0.277 | Lognormal |
| 24512 PANAMA AVE | 28 | 7% | 0.18 | 0.27 | 0.225 | 0.225 | 0.0636 | N/A | 0.283 | Normal |
| 24512 RAVENNA AVE | 56 | 54% | 0.11 | 0.314 | 0.208 | 0.218 | 0.0633 | -0.0661 | 0.304 | Normal |
| 24513 NEPTUNE AVE | 37 | 8% | 0.11 | 0.27 | 0.167 | 0.12 | 0.0896 | 1.708 | 0.538 | Normal |
| 24513 PANAMA AVE | 51 | 6% | 0.09 | 0.12 | 0.11 | 0.12 | 0.0173 | -1.732 | 0.157 | Normal |
| 24513 RAVENNA AVE | 30 | 43% | 0.09 | 0.37 | 0.171 | 0.13 | 0.0847 | 1.339 | 0.496 | Lognormal |
| 24516 MARBELLA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24517 MARBELLA AVE | 12 | 67% | 0.51 | 0.98 | 0.683 | 0.655 | 0.147 | 1.206 | 0.215 | Normal |
| 24518 NEPTUNE AVE | 45 | 64% | 0.23 | 0.46 | 0.29 | 0.28 | 0.0493 | 1.623 | 0.17 | Lognormal |
| 24518 PANAMA AVE | 42 | 14% | 0.12 | 0.44 | 0.243 | 0.215 | 0.12 | 0.878 | 0.495 | Normal |
| 24518 RAVENNA AVE | 30 | 30% | 0.1 | 0.58 | 0.231 | 0.19 | 0.156 | 1.611 | 0.675 | Normal |
| 24519 NEPTUNE AVE | 35 | 23% | 0.09 | 6.88 | 1.048 | 0.165 | 2.361 | 2.809 | 2.254 | -- |
| 24519 PANAMA AVE | 30 | 37% | 0.09 | 0.51 | 0.198 | 0.12 | 0.155 | 1.34 | 0.784 | -- |
| 24522 MARBELLA AVE | 27 | 48% | 0.11 | 0.39 | 0.232 | 0.24 | 0.0815 | 0.486 | 0.352 | Normal |
| 24522 NEPTUNE AVE | 28 | 61% | 0.3 | 0.58 | 0.411 | 0.43 | 0.084 | 0.296 | 0.204 | Normal |
| 24522 PANAMA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24522 RAVENNA AVE | 35 | 23% | 0.1 | 0.28 | 0.139 | 0.12 | 0.0594 | 2.413 | 0.428 | -- |
| 24523 MARBELLA AVE | 45 | 31% | 0.09 | 0.63 | 0.266 | 0.21 | 0.166 | 1.066 | 0.625 | Normal |
| 24523 NEPTUNE AVE | 37 | 11% | 0.15 | 0.36 | 0.253 | 0.25 | 0.0918 | 0.122 | 0.364 | Normal |
| 24523 RAVENNA AVE | 17 | 35% | 0.1 | 0.73 | 0.25 | 0.125 | 0.248 | 1.983 | 0.992 | Lognormal |
| 24526 MARBELLA AVE | 36 | 39% | 0.1 | 0.57 | 0.21 | 0.185 | 0.117 | 2.54 | 0.556 | Lognormal |
| 24528 NEPTUNE AVE | 31 | 39% | 0.09 | 0.28 | 0.162 | 0.155 | 0.0592 | 0.66 | 0.366 | Normal |
| 24528 PANAMA AVE | 39 | 3% | 0.2 | 0.2 | 0.2 | 0.2 | N/A | N/A | N/A | -- |
| 24529 NEPTUNE AVE | 32 | 9% | 0.18 | 0.72 | 0.527 | 0.68 | 0.301 | -1.698 | 0.571 | Normal |
| 24529 PANAMA AVE | 24 | 67% | 0.18 | 0.59 | 0.374 | 0.385 | 0.11 | -0.206 | 0.293 | Normal |
| 24529 RAVENNA AVE | 26 | 54% | 0.1 | 3.72 | 0.529 | 0.18 | 0.964 | 3.231 | 1.822 | -- |
| 24532 MARBELLA AVE | 27 | 59% | 0.09 | 0.33 | 0.206 | 0.195 | 0.0643 | 0.422 | 0.312 | Normal |
| 24532 NEPTUNE AVE | 21 | 29% | 0.1 | 1.35 | 0.517 | 0.36 | 0.461 | 1.441 | 0.892 | Normal |
| 24532 PANAMA AVE | 23 | 96% | 0.17 | 0.43 | 0.297 | 0.285 | 0.0638 | 0.0895 | 0.215 | Normal |
| 24532 RAVENNA AVE | 29 | 3% | 0.12 | 0.12 | 0.12 | 0.12 | N/A | N/A | N/A | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.3**
**Summary of Descriptive Statistics for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24533 MARBELLA AVE | 25 | 84% | 0.04 | 2.6 | 0.492 | 0.25 | 0.63 | 2.598 | 1.28 | -- |
| 24533 PANAMA AVE | 29 | 7% | 0.28 | 1.1 | 0.69 | 0.69 | 0.58 | N/A | 0.84 | Normal |
| 24533 RAVENNA AVE | 52 | 10% | 0.09 | 0.42 | 0.226 | 0.18 | 0.13 | 0.846 | 0.577 | Normal |
| 24602 MARBELLA AVE | 34 | 100% | 0.25 | 1.2 | 0.595 | 0.575 | 0.203 | 1.534 | 0.34 | -- |
| 24602 NEPTUNE AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24602 PANAMA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24602 RAVENNA AVE | 28 | 4% | 0.17 | 0.17 | 0.17 | 0.17 | N/A | N/A | N/A | -- |
| 24603 MARBELLA AVE | 26 | 12% | 0.29 | 0.31 | 0.3 | 0.3 | 0.01 | 0 | 0.0333 | Normal |
| 24603 NEPTUNE AVE | 49 | 10% | 0.1 | 0.2 | 0.138 | 0.11 | 0.0444 | 0.821 | 0.322 | Normal |
| 24603 PANAMA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24603 RAVENNA AVE | 31 | 16% | 0.12 | 0.22 | 0.156 | 0.13 | 0.0462 | 0.808 | 0.296 | Normal |
| 24606 MARBELLA AVE | 63 | 11% | 0.11 | 0.33 | 0.17 | 0.16 | 0.0757 | 1.951 | 0.445 | Lognormal |
| 24607 MARBELLA AVE | 31 | 55% | 0.1 | 0.65 | 0.236 | 0.22 | 0.137 | 1.88 | 0.579 | Lognormal |
| 24608 NEPTUNE AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24608 PANAMA AVE | 22 | 64% | 0.14 | 0.27 | 0.173 | 0.16 | 0.0354 | 1.777 | 0.205 | -- |
| 24608 RAVENNA AVE | 40 | 20% | 0.09 | 1 | 0.28 | 0.135 | 0.312 | 2.191 | 1.115 | Lognormal |
| 24609 NEPTUNE AVE | 30 | 23% | 0.09 | 0.39 | 0.153 | 0.12 | 0.107 | 2.446 | 0.697 | -- |
| 24609 PANAMA AVE | 34 | 15% | 0.09 | 0.38 | 0.156 | 0.11 | 0.126 | 2.201 | 0.805 | -- |
| 24609 RAVENNA AVE | 45 | 9% | 0.09 | 0.6 | 0.29 | 0.235 | 0.226 | 1.13 | 0.78 | Normal |
| 24612 MARBELLA AVE | 51 | 53% | 0.1 | 3.08 | 0.381 | 0.28 | 0.545 | 5.026 | 1.431 | -- |
| 24612 NEPTUNE AVE | 47 | 9% | 0.22 | 0.77 | 0.523 | 0.55 | 0.266 | -0.273 | 0.509 | Normal |
| 24612 PANAMA AVE | 33 | 76% | 0.19 | 0.51 | 0.314 | 0.3 | 0.0874 | 0.4 | 0.279 | Normal |
| 24612 RAVENNA AVE | 46 | 57% | 0.09 | 0.61 | 0.182 | 0.145 | 0.11 | 2.858 | 0.603 | -- |
| 24613 MARBELLA AVE | 52 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24613 NEPTUNE AVE | 39 | 46% | 0.23 | 0.33 | 0.278 | 0.275 | 0.0338 | 0.192 | 0.122 | Normal |
| 24613 PANAMA AVE | 51 | 2% | 0.2 | 0.2 | 0.2 | 0.2 | N/A | N/A | N/A | -- |
| 24613 RAVENNA AVE | 33 | 42% | 0.12 | 0.32 | 0.187 | 0.165 | 0.0681 | 0.952 | 0.364 | Lognormal |
| 24616 MARBELLA AVE | 46 | 26% | 0.11 | 0.28 | 0.168 | 0.165 | 0.0545 | 0.69 | 0.325 | Normal |
| 24617 MARBELLA AVE | 34 | 97% | 0.12 | 1.02 | 0.392 | 0.34 | 0.209 | 1.5 | 0.532 | Lognormal |
| 24618 NEPTUNE AVE | 26 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24618 PANAMA AVE | 28 | 14% | 0.35 | 0.63 | 0.448 | 0.405 | 0.13 | 1.369 | 0.29 | Normal |
| 24618 RAVENNA AVE | 40 | 68% | 0.09 | 0.19 | 0.124 | 0.11 | 0.0321 | 0.742 | 0.259 | -- |
| 24619 NEPTUNE AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24619 PANAMA AVE | 38 | 18% | 0.11 | 0.21 | 0.15 | 0.13 | 0.0443 | 0.722 | 0.296 | Normal |
| 24619 RAVENNA AVE | 35 | 17% | 0.11 | 0.32 | 0.183 | 0.17 | 0.0812 | 0.975 | 0.443 | Normal |
| 24622 MARBELLA AVE | 53 | 2% | 1.03 | 1.03 | 1.03 | 1.03 | N/A | N/A | N/A | -- |
| 24622 NEPTUNE AVE | 34 | 74% | 0.26 | 0.61 | 0.379 | 0.39 | 0.0905 | 0.602 | 0.239 | Normal |
| 24623 MARBELLA AVE | 32 | 88% | 0.1 | 0.57 | 0.212 | 0.195 | 0.0931 | 2.138 | 0.44 | Lognormal |
| 24623 NEPTUNE AVE | 36 | 3% | 0.24 | 0.24 | 0.24 | 0.24 | N/A | N/A | N/A | -- |
| 24627 MARBELLA AVE | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24628 MARBELLA AVE | 52 | 65% | 0.01 | 0.78 | 0.146 | 0.12 | 0.175 | 2.372 | 1.198 | -- |
| 24628 NEPTUNE AVE | 18 | 6% | 0.09 | 0.09 | 0.09 | 0.09 | N/A | N/A | N/A | -- |
| 24629 NEPTUNE AVE | 39 | 3% | 0.1 | 0.1 | 0.1 | 0.1 | N/A | N/A | N/A | -- |
| 24632 NEPTUNE AVE | 20 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24633 MARBELLA AVE | 40 | 18% | 0.16 | 0.58 | 0.313 | 0.26 | 0.155 | 1.069 | 0.495 | Normal |
| 24700 MARBELLA AVE | 46 | 2% | 0.3 | 0.3 | 0.3 | 0.3 | N/A | N/A | N/A | -- |
| 24700 RAVENNA AVE | 56 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24702 NEPTUNE AVE | 46 | 9% | 0.1 | 0.39 | 0.175 | 0.105 | 0.143 | 1.994 | 0.819 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.3**
**Summary of Descriptive Statistics for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24702 PANAMA AVE | 30 | 7% | 0.48 | 1.72 | 1.1 | 1.1 | 0.877 | N/A | 0.797 | Normal |
| 24703 MARBELLA AVE | 36 | 42% | 0.24 | 0.66 | 0.341 | 0.3 | 0.113 | 2.057 | 0.332 | -- |
| 24703 NEPTUNE AVE | 39 | 38% | 0.09 | 0.65 | 0.187 | 0.14 | 0.14 | 2.948 | 0.746 | -- |
| 24703 RAVENNA AVE | 53 | 6% | 0.1 | 0.29 | 0.18 | 0.15 | 0.0985 | 1.244 | 0.547 | Normal |
| 24706 MARBELLA AVE | 43 | 7% | 0.1 | 0.53 | 0.257 | 0.14 | 0.238 | 1.677 | 0.926 | Normal |
| 24706 RAVENNA AVE | 33 | 9% | 0.1 | 0.19 | 0.143 | 0.14 | 0.0451 | 0.331 | 0.315 | Normal |
| 24707 MARBELLA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24708 PANAMA AVE | 37 | 35% | 0.09 | 0.72 | 0.341 | 0.27 | 0.185 | 0.783 | 0.542 | Normal |
| 24709 NEPTUNE AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24709 PANAMA AVE | 43 | 7% | 0.05 | 0.15 | 0.113 | 0.14 | 0.0551 | -1.668 | 0.486 | Normal |
| 24709 RAVENNA AVE | 52 | 12% | 0.09 | 0.15 | 0.12 | 0.12 | 0.0237 | -1.69E-15 | 0.197 | Normal |
| 24710 MARBELLA AVE | 43 | 44% | 0.11 | 0.52 | 0.203 | 0.17 | 0.102 | 1.872 | 0.502 | Lognormal |
| 24712 NEPTUNE AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24712 PANAMA AVE | 27 | 11% | 0.12 | 0.23 | 0.17 | 0.16 | 0.0557 | 0.782 | 0.328 | Normal |
| 24712 RAVENNA AVE | 45 | 11% | 0.14 | 0.18 | 0.158 | 0.15 | 0.0205 | 0.441 | 0.13 | Normal |
| 24713 MARBELLA AVE | 37 | 41% | 0.09 | 0.34 | 0.174 | 0.19 | 0.0727 | 0.676 | 0.418 | Normal |
| 24713 PANAMA AVE | 34 | 82% | 0.01 | 0.62 | 0.248 | 0.265 | 0.156 | 0.416 | 0.632 | Normal |
| 24713 RAVENNA AVE | 35 | 97% | 0.09 | 0.61 | 0.161 | 0.135 | 0.09 | 4.169 | 0.561 | -- |
| 24715 NEPTUNE AVE | 37 | 32% | 0.09 | 0.47 | 0.208 | 0.14 | 0.139 | 1.014 | 0.667 | -- |
| 24716 MARBELLA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24716 RAVENNA AVE | 15 | 33% | 0.09 | 0.2 | 0.138 | 0.13 | 0.0466 | 0.433 | 0.338 | Normal |
| 24717 MARBELLA AVE | 38 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24718 NEPTUNE AVE | 65 | 28% | 0.09 | 0.19 | 0.113 | 0.11 | 0.0249 | 1.823 | 0.221 | Lognormal |
| 24718 PANAMA AVE | 33 | 3% | 0.28 | 0.28 | 0.28 | 0.28 | N/A | N/A | N/A | -- |
| 24719 NEPTUNE AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24719 PANAMA AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24719 RAVENNA AVE | 45 | 7% | 0.11 | 0.17 | 0.133 | 0.12 | 0.0321 | 1.545 | 0.241 | Normal |
| 24722 MARBELLA AVE | 34 | 50% | 0.11 | 0.41 | 0.195 | 0.17 | 0.0889 | 1.279 | 0.455 | Lognormal |
| 24722 NEPTUNE AVE | 40 | 23% | 0.24 | 0.31 | 0.263 | 0.25 | 0.0245 | 1.013 | 0.093 | Normal |
| 24722 PANAMA AVE | 18 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24722 RAVENNA AVE | 41 | 29% | 0.01 | 0.52 | 0.112 | 0.04 | 0.155 | 2.075 | 1.386 | Lognormal |
| 24723 MARBELLA AVE | 22 | 5% | 0.58 | 0.58 | 0.58 | 0.58 | N/A | N/A | N/A | -- |
| 24723 RAVENNA AVE | 37 | 24% | 0.12 | 1.53 | 0.531 | 0.25 | 0.546 | 1.319 | 1.028 | Lognormal |
| 24725 NEPTUNE AVE | 35 | 3% | 0.06 | 0.06 | 0.06 | 0.06 | N/A | N/A | N/A | -- |
| 24726 MARBELLA AVE | 49 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24726 RAVENNA AVE | 37 | 16% | 0.09 | 0.19 | 0.11 | 0.095 | 0.0395 | 2.366 | 0.359 | -- |
| 24727 MARBELLA AVE | 40 | 98% | 0.15 | 0.69 | 0.339 | 0.32 | 0.111 | 0.644 | 0.328 | Normal |
| 24728 NEPTUNE AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24728 PANAMA AVE | 31 | 52% | 0.12 | 2.12 | 0.518 | 0.245 | 0.602 | 1.788 | 1.163 | -- |
| 24729 NEPTUNE AVE | 35 | 3% | 0.09 | 0.09 | 0.09 | 0.09 | N/A | N/A | N/A | -- |
| 24729 PANAMA AVE | 34 | 24% | 0.09 | 0.15 | 0.113 | 0.105 | 0.0243 | 0.564 | 0.216 | Normal |
| 24729 RAVENNA AVE | 16 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24732 MARBELLA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24732 NEPTUNE AVE | 35 | 23% | 0.09 | 0.3 | 0.164 | 0.135 | 0.0803 | 1.224 | 0.491 | Lognormal |
| 24732 PANAMA AVE | 33 | 15% | 0.1 | 1.16 | 0.632 | 0.6 | 0.454 | 0.0474 | 0.718 | Normal |
| 24732 RAVENNA AVE | 42 | 2% | 0.15 | 0.15 | 0.15 | 0.15 | N/A | N/A | N/A | -- |
| 24733 MARBELLA AVE | 32 | 84% | 0.09 | 0.44 | 0.217 | 0.18 | 0.0924 | 0.759 | 0.426 | Lognormal |
| 24733 PANAMA AVE | 38 | 100% | 0.11 | 0.5 | 0.179 | 0.16 | 0.0723 | 2.793 | 0.404 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.3**
**Summary of Descriptive Statistics for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24733 RAVENNA AVE | 40 | 75% | 0.11 | 0.43 | 0.289 | 0.29 | 0.0712 | -0.264 | 0.246 | Normal |
| 24735 NEPTUNE AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24736 MARBELLA AVE | 52 | 2% | 0.5 | 0.5 | 0.5 | 0.5 | N/A | N/A | N/A | -- |
| 24736 RAVENNA AVE | 43 | 26% | 0.09 | 0.39 | 0.272 | 0.34 | 0.132 | -0.588 | 0.487 | -- |
| 24737 MARBELLA AVE | 28 | 4% | 0.86 | 0.86 | 0.86 | 0.86 | N/A | N/A | N/A | -- |
| 24738 NEPTUNE AVE | 51 | 6% | 0.1 | 0.32 | 0.187 | 0.14 | 0.117 | 1.508 | 0.628 | Normal |
| 24738 PANAMA AVE | 32 | 25% | 0.23 | 0.57 | 0.333 | 0.295 | 0.12 | 1.22 | 0.362 | Normal |
| 24739 NEPTUNE AVE | 41 | 12% | 0.39 | 0.61 | 0.5 | 0.5 | 0.0828 | 3.187E-16 | 0.166 | Normal |
| 24739 PANAMA AVE | 43 | 81% | 0.21 | 0.57 | 0.296 | 0.28 | 0.073 | 1.966 | 0.247 | -- |
| 24739 RAVENNA AVE | 42 | 24% | 0.09 | 0.55 | 0.209 | 0.13 | 0.159 | 1.343 | 0.762 | Lognormal |
| 24740 MARBELLA AVE | 64 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24741 MARBELLA AVE | 12 | 8% | 0.14 | 0.14 | 0.14 | 0.14 | N/A | N/A | N/A | -- |
| 24743 RAVENNA AVE | 42 | 83% | 0.01 | 0.44 | 0.229 | 0.26 | 0.0902 | -0.449 | 0.395 | -- |
| 24744 MARBELLA AVE | 25 | 4% | 0.14 | 0.14 | 0.14 | 0.14 | N/A | N/A | N/A | -- |
| 24748 RAVENNA AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24749 RAVENNA AVE | 43 | 7% | 0.16 | 0.34 | 0.233 | 0.2 | 0.0945 | 1.39 | 0.405 | Normal |
| 24752 RAVENNA AVE | 45 | 7% | 0.13 | 0.39 | 0.22 | 0.14 | 0.147 | 1.723 | 0.67 | Normal |
| 24802 PANAMA AVE | 52 | 8% | 0.141 | 0.413 | 0.279 | 0.281 | 0.121 | -0.0597 | 0.434 | Normal |
| 24803 NEPTUNE AVE | 32 | 9% | 0.13 | 0.39 | 0.24 | 0.2 | 0.135 | 1.22 | 0.561 | Normal |
| 24803 PANAMA AVE | 18 | 6% | 0.11 | 0.11 | 0.11 | 0.11 | N/A | N/A | N/A | -- |
| 24809 NEPTUNE AVE | 27 | 26% | 0.09 | 9.02 | 1.401 | 0.11 | 3.36 | 2.643 | 2.398 | -- |
| 24809 PANAMA AVE | 36 | 3% | 0.13 | 0.13 | 0.13 | 0.13 | N/A | N/A | N/A | -- |
| 24812 PANAMA AVE | 29 | 10% | 0.24 | 0.28 | 0.267 | 0.28 | 0.0231 | -1.732 | 0.0866 | Normal |
| 24813 PANAMA AVE | 15 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24815 NEPTUNE AVE | 30 | 27% | 0.01 | 0.93 | 0.298 | 0.185 | 0.294 | 1.638 | 0.988 | Normal |
| 24818 PANAMA AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24819 PANAMA AVE | 34 | 3% | 0.63 | 0.63 | 0.63 | 0.63 | N/A | N/A | N/A | -- |
| 24822 PANAMA AVE | 43 | 5% | 0.12 | 0.31 | 0.215 | 0.215 | 0.134 | N/A | 0.625 | Normal |
| 24823 PANAMA AVE | 39 | 10% | 0.1 | 0.26 | 0.178 | 0.175 | 0.075 | 0.104 | 0.423 | Normal |
| 24825 NEPTUNE AVE | 98 | 59% | 0.09 | 0.82 | 0.162 | 0.13 | 0.116 | 3.99 | 0.718 | -- |
| 24828 PANAMA AVE | 36 | 100% | 0.1 | 0.58 | 0.174 | 0.145 | 0.0945 | 2.664 | 0.542 | -- |
| 24829 PANAMA AVE | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24832 PANAMA AVE | 38 | 26% | 0.09 | 0.4 | 0.167 | 0.15 | 0.0909 | 2.148 | 0.544 | Lognormal |
| 24833 PANAMA AVE | 43 | 2% | 0.34 | 0.34 | 0.34 | 0.34 | N/A | N/A | N/A | -- |
| 24838 PANAMA AVE | 28 | 4% | 0.11 | 0.11 | 0.11 | 0.11 | N/A | N/A | N/A | -- |
| 24904 NEPTUNE AVE | 74 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24912 NEPTUNE AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 301 244TH ST | 29 | 3% | 0.15 | 0.15 | 0.15 | 0.15 | N/A | N/A | N/A | -- |
| 305 244TH ST | 54 | 17% | 0.15 | 1.39 | 0.418 | 0.27 | 0.383 | 2.489 | 0.917 | Lognormal |
| 311 244TH ST | 71 | 62% | 0.09 | 3.76 | 0.42 | 0.25 | 0.696 | 4.212 | 1.658 | -- |
| 317 244TH ST | 58 | 88% | 0.1 | 0.43 | 0.189 | 0.17 | 0.0795 | 1.185 | 0.421 | Lognormal |
| 321 244TH ST | 40 | 63% | 0.1 | 1 | 0.225 | 0.19 | 0.178 | 3.744 | 0.789 | -- |
| 327 244TH ST | 12 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 331 244TH ST | 28 | 57% | 0.09 | 1.12 | 0.254 | 0.17 | 0.253 | 3.071 | 0.997 | -- |
| 337 244TH ST | 34 | 88% | 0.23 | 1.18 | 0.34 | 0.295 | 0.176 | 4.13 | 0.517 | -- |
| 341 244TH ST | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 344 249TH ST | 35 | 9% | 0.18 | 0.78 | 0.47 | 0.45 | 0.3 | 0.298 | 0.639 | Normal |
| 345 249TH ST | 93 | 66% | 0.09 | 1.93 | 0.982 | 1.21 | 0.585 | -0.462 | 0.595 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.3**
**Summary of Descriptive Statistics for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 347 244TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 348 248TH ST | 49 | 12% | 0.09 | 0.18 | 0.113 | 0.105 | 0.0339 | 2.074 | 0.299 | Lognormal |
| 348 249TH ST | 51 | 25% | 0.09 | 0.22 | 0.135 | 0.13 | 0.0391 | 1.114 | 0.289 | Normal |
| 351 244TH ST | 32 | 13% | 0.1 | 0.4 | 0.208 | 0.165 | 0.134 | 1.563 | 0.643 | Normal |
| 352 249TH ST | 32 | 16% | 0.09 | 0.47 | 0.2 | 0.15 | 0.156 | 1.883 | 0.781 | Normal |
| 353 249TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 354 248TH ST | 39 | 23% | 0.09 | 0.79 | 0.282 | 0.19 | 0.229 | 1.613 | 0.813 | Lognormal |
| 357 244TH ST | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 357 249TH ST | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 358 249TH ST | 43 | 7% | 0.09 | 0.2 | 0.153 | 0.17 | 0.0569 | -1.206 | 0.371 | Normal |
| 360 248TH ST | 48 | 100% | 0.16 | 0.74 | 0.288 | 0.27 | 0.0796 | 4.13 | 0.276 | -- |
| 361 244TH ST | 23 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 362 249TH ST | 25 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 363 249TH ST | 27 | 48% | 0.1 | 2.89 | 0.645 | 0.34 | 0.751 | 2.52 | 1.164 | Lognormal |
| 364 248TH ST | 48 | 44% | 0.09 | 0.37 | 0.174 | 0.13 | 0.0845 | 1.427 | 0.486 | -- |
| 367 244TH ST | 13 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 367 249TH ST | 46 | 41% | 0.12 | 0.32 | 0.165 | 0.15 | 0.046 | 2.363 | 0.278 | -- |
| 368 249TH ST | 55 | 15% | 0.1 | 0.33 | 0.155 | 0.12 | 0.078 | 1.964 | 0.503 | Lognormal |
| 373 249TH ST | 42 | 36% | 0.09 | 0.56 | 0.344 | 0.33 | 0.127 | -0.753 | 0.368 | Normal |
| 374 248TH ST | 120 | 18% | 0.09 | 1.88 | 0.31 | 0.16 | 0.4 | 3.346 | 1.291 | -- |
| 374 249TH ST | 27 | 22% | 0.1 | 0.33 | 0.188 | 0.14 | 0.109 | 0.754 | 0.579 | Lognormal |
| 377 244TH ST | 32 | 31% | 0.09 | 0.47 | 0.181 | 0.15 | 0.114 | 2.09 | 0.63 | Lognormal |
| 377 249TH ST | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 378 249TH ST | 41 | 20% | 0.09 | 0.27 | 0.131 | 0.11 | 0.0622 | 1.967 | 0.474 | Lognormal |
| 383 249TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 402 249TH ST | 32 | 31% | 0.1 | 0.53 | 0.187 | 0.145 | 0.129 | 2.48 | 0.688 | -- |
| 408 249TH ST | 24 | 33% | 0.13 | 1.34 | 0.443 | 0.355 | 0.402 | 1.899 | 0.908 | Lognormal |
| 412 249TH ST | 77 | 36% | 0.09 | 0.29 | 0.144 | 0.135 | 0.0484 | 1.518 | 0.336 | Lognormal |
| 24703 PANAMA AVE | 62 | 6% | 0.214 | 0.435 | 0.28 | 0.235 | 0.104 | 1.943 | 0.372 | -- |
| 24808 PANAMA AVE | 20 | 15% | 0.155 | 0.371 | 0.241 | 0.198 | 0.114 | 1.461 | 0.474 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.4**
**Summary of Descriptive Statistics for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24401 MARBELLA AVE | 33 | 100% | 7.51 | 16 | 11.25 | 10.9 | 2.138 | 0.281 | 0.19 | Normal |
| 24402 NEPTUNE AVE | 48 | 100% | 7.29 | 14 | 9.713 | 9.755 | 1.316 | 0.704 | 0.135 | Normal |
| 24402 PANAMA AVE | 127 | 100% | 2.58 | 16.5 | 10.96 | 11.4 | 2.776 | -0.556 | 0.253 | -- |
| 24402 RAVENNA AVE | 40 | 100% | 7.47 | 18.4 | 10.53 | 10.1 | 2.18 | 1.668 | 0.207 | Lognormal |
| 24403 NEPTUNE AVE | 46 | 100% | 7.29 | 19 | 10.25 | 9.805 | 2.372 | 1.958 | 0.231 | -- |
| 24403 RAVENNA AVE | 62 | 100% | 5.24 | 17.3 | 10.07 | 9.925 | 1.759 | 1.229 | 0.175 | -- |
| 24405 MARBELLA AVE | 25 | 100% | 7.39 | 16.5 | 11.36 | 10.8 | 2.561 | 0.265 | 0.225 | Normal |
| 24406 MARBELLA AVE | 40 | 100% | 6.29 | 15 | 10.34 | 10.3 | 2.025 | 0.116 | 0.196 | Normal |
| 24406 NEPTUNE AVE | 28 | 100% | 7.26 | 14.1 | 9.709 | 9.305 | 1.745 | 1.128 | 0.18 | Lognormal |
| 24406 PANAMA AVE | 23 | 100% | 4.93 | 15.8 | 9.741 | 10.2 | 2.729 | 0.342 | 0.28 | Normal |
| 24406 RAVENNA AVE | 26 | 100% | 6.51 | 12 | 9.219 | 9.21 | 1.238 | 0.159 | 0.134 | Normal |
| 24409 NEPTUNE AVE | 24 | 100% | 6.49 | 10.8 | 8.915 | 9.135 | 1.19 | -0.249 | 0.134 | Normal |
| 24409 RAVENNA AVE | 33 | 100% | 6.67 | 12.6 | 9.54 | 9.45 | 1.491 | 0.153 | 0.156 | Normal |
| 24410 PANAMA AVE | 33 | 100% | 3.82 | 16.5 | 8.864 | 8.96 | 2.759 | 0.741 | 0.311 | Normal |
| 24411 MARBELLA AVE | 69 | 100% | 5.72 | 15.1 | 10.83 | 11 | 1.761 | -0.0489 | 0.163 | Normal |
| 24411 PANAMA AVE | 37 | 100% | 6.46 | 14.8 | 10.29 | 9.8 | 2.027 | 0.338 | 0.197 | Normal |
| 24412 MARBELLA AVE | 31 | 100% | 7.8 | 31.3 | 12.01 | 11.3 | 4.148 | 3.548 | 0.345 | -- |
| 24412 RAVENNA AVE | 61 | 100% | 6.85 | 13.9 | 9.536 | 9.2 | 1.737 | 0.287 | 0.182 | -- |
| 24413 NEPTUNE AVE | 24 | 100% | 7.32 | 11.7 | 8.878 | 8.685 | 1.221 | 0.434 | 0.138 | Normal |
| 24413 RAVENNA AVE | 28 | 100% | 5.19 | 13.5 | 8.782 | 8.585 | 2.023 | 0.508 | 0.23 | Normal |
| 24416 MARBELLA AVE | 50 | 100% | 5.38 | 21.5 | 10.31 | 9.915 | 2.962 | 1.352 | 0.287 | Lognormal |
| 24416 NEPTUNE AVE | 21 | 100% | 6.5 | 10.8 | 9.17 | 9.8 | 1.39 | -0.808 | 0.152 | -- |
| 24416 PANAMA AVE | 33 | 100% | 4.41 | 12.2 | 8.582 | 8.38 | 2.154 | 0.0706 | 0.251 | Normal |
| 24416 RAVENNA AVE | 42 | 100% | 6.2 | 13.5 | 9.274 | 9.115 | 1.566 | 0.425 | 0.169 | Normal |
| 24417 MARBELLA AVE | 8 | 100% | 9.75 | 13.9 | 11.46 | 11.45 | 1.34 | 0.612 | 0.117 | Normal |
| 24417 PANAMA AVE | 47 | 100% | 4.63 | 13.6 | 9.306 | 9.22 | 1.816 | 0.244 | 0.195 | Normal |
| 24419 NEPTUNE AVE | 32 | 100% | 6.54 | 11.2 | 8.927 | 8.805 | 1.215 | -0.108 | 0.136 | Normal |
| 24419 RAVENNA AVE | 32 | 100% | 5.84 | 14.4 | 8.411 | 8.275 | 1.876 | 1.112 | 0.223 | Normal |
| 24420 PANAMA AVE | 33 | 100% | 2.68 | 11.5 | 7.664 | 7.68 | 1.936 | -0.495 | 0.253 | Normal |
| 24421 PANAMA AVE | 30 | 100% | 5.13 | 13.5 | 8.757 | 8.385 | 1.956 | 0.235 | 0.223 | Normal |
| 24422 MARBELLA AVE | 43 | 100% | 5 | 14.1 | 8.791 | 8.67 | 1.723 | 0.497 | 0.196 | -- |
| 24422 NEPTUNE AVE | 36 | 100% | 6.96 | 11.4 | 9.235 | 9.35 | 1.228 | -0.0201 | 0.133 | Normal |
| 24422 RAVENNA AVE | 29 | 100% | 6.73 | 11 | 9.209 | 9.16 | 1.121 | -0.56 | 0.122 | Normal |
| 24423 MARBELLA AVE | 13 | 100% | 8.43 | 14.7 | 10.94 | 10.7 | 1.679 | 0.838 | 0.153 | Normal |
| 24423 NEPTUNE AVE | 37 | 100% | 6.3 | 12.8 | 9.087 | 8.94 | 1.605 | 0.275 | 0.177 | Normal |
| 24423 RAVENNA AVE | 40 | 100% | 5.53 | 13.5 | 8.318 | 8.165 | 1.794 | 1.092 | 0.216 | Lognormal |
| 24426 MARBELLA AVE | 24 | 100% | 5.68 | 12.4 | 8.758 | 8.71 | 1.603 | 0.236 | 0.183 | Normal |
| 24426 NEPTUNE AVE | 30 | 100% | 5.9 | 12.2 | 9.204 | 9.08 | 1.652 | -0.0418 | 0.18 | Normal |
| 24426 PANAMA AVE | 30 | 100% | 2.7 | 14.2 | 8.907 | 9.15 | 2.776 | -0.242 | 0.312 | Normal |
| 24426 RAVENNA AVE | 49 | 100% | 5.68 | 15.3 | 9.289 | 9.06 | 1.915 | 0.795 | 0.206 | Normal |
| 24427 MARBELLA AVE | 25 | 100% | 7.02 | 15.5 | 12.36 | 13.1 | 2.314 | -0.758 | 0.187 | Normal |
| 24427 PANAMA AVE | 38 | 100% | 6.23 | 13.8 | 9.381 | 9.51 | 1.612 | 0.315 | 0.172 | Normal |
| 24429 NEPTUNE AVE | 19 | 100% | 7.38 | 11.3 | 9.208 | 9.03 | 1.079 | 0.236 | 0.117 | Normal |
| 24429 RAVENNA AVE | 29 | 100% | 5.14 | 11.5 | 8.237 | 8.16 | 1.386 | 0.268 | 0.168 | Normal |
| 24430 PANAMA AVE | 30 | 100% | 2.37 | 12.1 | 7.701 | 8.315 | 2.47 | -0.533 | 0.321 | Normal |
| 24431 PANAMA AVE | 35 | 100% | 6.8 | 12.7 | 10.02 | 9.91 | 1.422 | -0.182 | 0.142 | Normal |
| 24432 MARBELLA AVE | 67 | 100% | 6.36 | 13.6 | 9.214 | 9.12 | 1.464 | 0.368 | 0.159 | Normal |
| 24433 MARBELLA AVE | 27 | 100% | 7.04 | 16.5 | 12.13 | 11.7 | 2.204 | 0.357 | 0.182 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.4**
**Summary of Descriptive Statistics for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24436 PANAMA AVE | 35 | 100% | 1.84 | 11.7 | 7.019 | 7.27 | 2.411 | -0.311 | 0.344 | Normal |
| 24502 MARBELLA AVE | 51 | 100% | 5.7 | 13 | 9.274 | 9.29 | 1.772 | 0.013 | 0.191 | Normal |
| 24502 NEPTUNE AVE | 58 | 100% | 4.33 | 11.7 | 7.525 | 7.415 | 1.512 | 0.601 | 0.201 | Normal |
| 24502 PANAMA AVE | 48 | 100% | 1.27 | 12.7 | 7.15 | 7.42 | 2.371 | -0.397 | 0.332 | -- |
| 24502 RAVENNA AVE | 44 | 100% | 5.86 | 12.3 | 8.278 | 8.015 | 1.291 | 0.881 | 0.156 | Normal |
| 24503 MARBELLA AVE | 29 | 100% | 9.36 | 24.9 | 12.66 | 11.7 | 3.494 | 2.36 | 0.276 | -- |
| 24503 NEPTUNE AVE | 60 | 100% | 2.58 | 14.5 | 9.3 | 9.395 | 1.589 | -0.637 | 0.171 | -- |
| 24503 PANAMA AVE | 28 | 100% | 4.4 | 11.9 | 9.228 | 9.395 | 1.737 | -0.631 | 0.188 | Normal |
| 24503 RAVENNA AVE | 34 | 100% | 4.9 | 13.5 | 8.324 | 8.085 | 1.836 | 0.629 | 0.221 | Normal |
| 24506 MARBELLA AVE | 36 | 100% | 5.35 | 17.1 | 9.615 | 9.455 | 2.119 | 1.208 | 0.22 | Lognormal |
| 24507 MARBELLA AVE | 36 | 100% | 9.43 | 17.5 | 13.2 | 13.15 | 1.86 | 0.0246 | 0.141 | Normal |
| 24508 NEPTUNE AVE | 40 | 100% | 5.93 | 11.5 | 8.675 | 8.605 | 1.263 | 0.163 | 0.146 | Normal |
| 24508 PANAMA AVE | 24 | 100% | 1.98 | 12 | 7.505 | 8.22 | 2.971 | -0.451 | 0.396 | -- |
| 24508 RAVENNA AVE | 39 | 100% | 6.59 | 11.7 | 9.003 | 8.76 | 1.523 | 0.326 | 0.169 | Normal |
| 24509 NEPTUNE AVE | 31 | 100% | 3.24 | 11.3 | 8.098 | 7.86 | 1.649 | -0.403 | 0.204 | Normal |
| 24509 PANAMA AVE | 47 | 100% | 6.01 | 11.7 | 8.519 | 8.35 | 1.298 | 0.172 | 0.152 | Normal |
| 24509 RAVENNA AVE | 37 | 100% | 6.08 | 11.6 | 8.395 | 8.27 | 1.39 | 0.484 | 0.166 | Normal |
| 24512 MARBELLA AVE | 48 | 100% | 7.49 | 16.9 | 10.3 | 10.25 | 2.004 | 0.92 | 0.195 | Normal |
| 24512 NEPTUNE AVE | 36 | 100% | 6.64 | 15.2 | 9.001 | 8.625 | 1.67 | 1.986 | 0.186 | -- |
| 24512 PANAMA AVE | 28 | 100% | 1.89 | 10.9 | 6.515 | 7.24 | 2.909 | -0.429 | 0.447 | -- |
| 24512 RAVENNA AVE | 56 | 100% | 5.14 | 12.2 | 8.392 | 8.425 | 1.43 | 0.0519 | 0.17 | Normal |
| 24513 NEPTUNE AVE | 37 | 100% | 5.83 | 16.4 | 9.219 | 9.41 | 1.945 | 0.979 | 0.211 | -- |
| 24513 PANAMA AVE | 51 | 100% | 4.82 | 10.3 | 7.64 | 7.47 | 1.299 | -0.06 | 0.17 | Normal |
| 24513 RAVENNA AVE | 30 | 100% | 5.96 | 12.6 | 8.614 | 8.36 | 1.81 | 0.867 | 0.21 | -- |
| 24516 MARBELLA AVE | 30 | 100% | 6.46 | 11.6 | 9.017 | 9.13 | 1.433 | -0.3 | 0.159 | Normal |
| 24517 MARBELLA AVE | 12 | 100% | 9.82 | 18.4 | 11.97 | 11.15 | 2.336 | 2.188 | 0.195 | -- |
| 24518 NEPTUNE AVE | 45 | 100% | 6.25 | 16.3 | 8.784 | 8.35 | 1.962 | 1.468 | 0.223 | Lognormal |
| 24518 PANAMA AVE | 42 | 100% | 1.3 | 11.2 | 6.54 | 7.745 | 2.893 | -0.688 | 0.442 | -- |
| 24518 RAVENNA AVE | 30 | 100% | 6.04 | 10.7 | 8.314 | 8.59 | 1.397 | -0.0661 | 0.168 | Normal |
| 24519 NEPTUNE AVE | 35 | 100% | 6.95 | 11.3 | 8.877 | 8.83 | 1.231 | 0.237 | 0.139 | Normal |
| 24519 PANAMA AVE | 30 | 100% | 2.46 | 11.9 | 7.73 | 8.045 | 1.965 | -0.937 | 0.254 | -- |
| 24522 MARBELLA AVE | 27 | 100% | 4.99 | 18.6 | 11.28 | 11.6 | 2.719 | -0.0256 | 0.241 | -- |
| 24522 NEPTUNE AVE | 28 | 100% | 6.44 | 11.3 | 9.175 | 9.015 | 1.441 | -0.225 | 0.157 | Normal |
| 24522 PANAMA AVE | 36 | 100% | 1.19 | 10.6 | 6.35 | 6.99 | 2.918 | -0.421 | 0.46 | -- |
| 24522 RAVENNA AVE | 35 | 100% | 1.56 | 14 | 7.713 | 7.81 | 2.373 | -0.338 | 0.308 | -- |
| 24523 MARBELLA AVE | 45 | 100% | 5.02 | 15.7 | 10.37 | 10.9 | 2.158 | -0.579 | 0.208 | -- |
| 24523 NEPTUNE AVE | 37 | 100% | 7.09 | 13.6 | 9.519 | 9.18 | 1.663 | 0.718 | 0.175 | Normal |
| 24523 RAVENNA AVE | 17 | 100% | 6.01 | 10.7 | 7.899 | 7.74 | 1.147 | 0.741 | 0.145 | Normal |
| 24526 MARBELLA AVE | 36 | 100% | 5.26 | 16 | 10.56 | 10.9 | 2.353 | -0.204 | 0.223 | Normal |
| 24528 NEPTUNE AVE | 31 | 100% | 2.4 | 17.6 | 6.85 | 6.44 | 2.888 | 1.493 | 0.422 | -- |
| 24528 PANAMA AVE | 39 | 100% | 1.6 | 15.7 | 6.17 | 6.58 | 2.483 | 1.027 | 0.403 | -- |
| 24529 NEPTUNE AVE | 32 | 100% | 5.97 | 16.2 | 8.665 | 8.23 | 2.065 | 1.863 | 0.238 | Lognormal |
| 24529 PANAMA AVE | 24 | 100% | 1.2 | 9.54 | 6.535 | 6.755 | 2.463 | -0.767 | 0.377 | -- |
| 24529 RAVENNA AVE | 26 | 100% | 2.13 | 11.2 | 7.319 | 7.815 | 2.285 | -0.783 | 0.312 | Normal |
| 24532 MARBELLA AVE | 27 | 100% | 4.72 | 18.3 | 10.59 | 10.9 | 2.872 | 0.395 | 0.271 | Normal |
| 24532 NEPTUNE AVE | 21 | 100% | 3.13 | 14.9 | 6.856 | 6.03 | 3.08 | 1.206 | 0.449 | Lognormal |
| 24532 PANAMA AVE | 23 | 100% | 2.68 | 7.63 | 6.083 | 6.45 | 1.176 | -1.762 | 0.193 | -- |
| 24532 RAVENNA AVE | 29 | 100% | 1.98 | 11.5 | 7.198 | 7.5 | 2.734 | -0.53 | 0.38 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.4**
**Summary of Descriptive Statistics for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24533 MARBELLA AVE | 25 | 100% | 7.05 | 16.4 | 10.54 | 10.3 | 1.989 | 0.764 | 0.189 | Normal |
| 24533 PANAMA AVE | 29 | 100% | 1.69 | 10.3 | 6.412 | 6.61 | 2.082 | -0.655 | 0.325 | Normal |
| 24533 RAVENNA AVE | 52 | 100% | 1.91 | 11.8 | 6.827 | 7.22 | 2.468 | -0.365 | 0.361 | -- |
| 24602 MARBELLA AVE | 34 | 100% | 5.62 | 16.4 | 9.792 | 9.755 | 2.18 | 0.47 | 0.223 | Normal |
| 24602 NEPTUNE AVE | 33 | 100% | 3.55 | 11.9 | 6.995 | 6.81 | 2.05 | 0.449 | 0.293 | Normal |
| 24602 PANAMA AVE | 40 | 100% | 1.49 | 8.81 | 6.256 | 6.41 | 1.408 | -1.222 | 0.225 | -- |
| 24602 RAVENNA AVE | 28 | 100% | 2.62 | 11.8 | 7.345 | 7.165 | 2.425 | 0.0329 | 0.33 | Normal |
| 24603 MARBELLA AVE | 26 | 100% | 7.32 | 15.7 | 10.8 | 11.25 | 2.117 | 0.0918 | 0.196 | Normal |
| 24603 NEPTUNE AVE | 49 | 100% | 2.52 | 12.6 | 7.407 | 7.42 | 2.199 | -0.135 | 0.297 | Normal |
| 24603 PANAMA AVE | 30 | 100% | 4.55 | 12.8 | 6.895 | 6.72 | 1.68 | 1.571 | 0.244 | Lognormal |
| 24603 RAVENNA AVE | 31 | 100% | 2.6 | 13.3 | 6.503 | 6.77 | 2.392 | 0.455 | 0.368 | Normal |
| 24606 MARBELLA AVE | 63 | 100% | 3.04 | 14.7 | 9.311 | 10.1 | 2.893 | -0.115 | 0.311 | -- |
| 24607 MARBELLA AVE | 31 | 100% | 1.31 | 15.8 | 9.483 | 10.5 | 3.21 | -0.723 | 0.339 | -- |
| 24608 NEPTUNE AVE | 37 | 100% | 2.88 | 9.76 | 6.528 | 6.4 | 1.83 | -0.19 | 0.28 | Normal |
| 24608 PANAMA AVE | 22 | 100% | 3.11 | 8.31 | 6.138 | 5.895 | 1.112 | -0.313 | 0.181 | Normal |
| 24608 RAVENNA AVE | 40 | 100% | 2.38 | 9.16 | 6.391 | 6.745 | 1.802 | -0.716 | 0.282 | -- |
| 24609 NEPTUNE AVE | 30 | 100% | 3.43 | 15.6 | 8.121 | 8.065 | 2.309 | 0.637 | 0.284 | -- |
| 24609 PANAMA AVE | 34 | 100% | 2.69 | 13 | 6.845 | 6.625 | 1.949 | 0.891 | 0.285 | -- |
| 24609 RAVENNA AVE | 45 | 100% | 2.19 | 10.7 | 6.335 | 5.98 | 1.807 | 0.0628 | 0.285 | -- |
| 24612 MARBELLA AVE | 51 | 100% | 5.09 | 15.1 | 10.14 | 10.7 | 2.704 | -0.145 | 0.267 | Normal |
| 24612 NEPTUNE AVE | 47 | 100% | 3.42 | 9.86 | 6.726 | 6.91 | 1.456 | -0.0636 | 0.216 | Normal |
| 24612 PANAMA AVE | 33 | 100% | 4.63 | 8.68 | 6.559 | 6.31 | 0.912 | 0.611 | 0.139 | Normal |
| 24612 RAVENNA AVE | 46 | 100% | 2.99 | 9.79 | 6.233 | 6.54 | 1.503 | -0.256 | 0.241 | Normal |
| 24613 MARBELLA AVE | 52 | 100% | 6.88 | 26 | 11.66 | 11.65 | 3.132 | 1.702 | 0.269 | -- |
| 24613 NEPTUNE AVE | 39 | 100% | 5.33 | 12.1 | 8.436 | 8.42 | 1.299 | 0.259 | 0.154 | Normal |
| 24613 PANAMA AVE | 51 | 100% | 3.5 | 12.1 | 6.679 | 6.25 | 1.557 | 1.331 | 0.233 | -- |
| 24613 RAVENNA AVE | 33 | 100% | 4.34 | 10.1 | 6.869 | 6.57 | 1.383 | 0.323 | 0.201 | Normal |
| 24616 MARBELLA AVE | 46 | 100% | 3.17 | 13.1 | 8.458 | 8.52 | 2.678 | -0.117 | 0.317 | Normal |
| 24617 MARBELLA AVE | 34 | 100% | 5.01 | 19.3 | 12.03 | 11.5 | 3.183 | 0.261 | 0.265 | Normal |
| 24618 NEPTUNE AVE | 26 | 100% | 6.32 | 8.22 | 7.076 | 7.035 | 0.627 | 0.377 | 0.0886 | -- |
| 24618 PANAMA AVE | 28 | 100% | 4.38 | 9.95 | 6.469 | 6.205 | 1.305 | 1.252 | 0.202 | Lognormal |
| 24618 RAVENNA AVE | 40 | 100% | 4.31 | 9.34 | 6.714 | 6.275 | 1.352 | 0.676 | 0.201 | -- |
| 24619 NEPTUNE AVE | 28 | 100% | 5.87 | 11 | 8.126 | 8.035 | 1.21 | 0.702 | 0.149 | Normal |
| 24619 PANAMA AVE | 38 | 100% | 3.3 | 8.66 | 6.342 | 6.44 | 1.269 | -0.625 | 0.2 | Normal |
| 24619 RAVENNA AVE | 35 | 100% | 4.37 | 9.31 | 6.941 | 6.91 | 1.206 | -0.131 | 0.174 | Normal |
| 24622 MARBELLA AVE | 53 | 100% | 2.6 | 15.5 | 9.119 | 9.14 | 3.154 | -0.0621 | 0.346 | Normal |
| 24622 NEPTUNE AVE | 34 | 100% | 5.33 | 13.2 | 7.614 | 7.115 | 1.758 | 1.592 | 0.231 | -- |
| 24623 MARBELLA AVE | 32 | 100% | 5.23 | 18.6 | 11.38 | 11.7 | 2.292 | 0.296 | 0.201 | Normal |
| 24623 NEPTUNE AVE | 36 | 100% | 6.38 | 9.91 | 8.423 | 8.41 | 0.839 | -0.168 | 0.0996 | Normal |
| 24627 MARBELLA AVE | 48 | 100% | 5.61 | 21 | 11.52 | 11.3 | 2.866 | 0.519 | 0.249 | Normal |
| 24628 MARBELLA AVE | 52 | 100% | 2.65 | 17.7 | 9.115 | 9.04 | 3.633 | 0.186 | 0.399 | Normal |
| 24628 NEPTUNE AVE | 18 | 100% | 5.41 | 9.22 | 6.752 | 6.39 | 1.064 | 0.793 | 0.158 | Normal |
| 24629 NEPTUNE AVE | 39 | 100% | 5.78 | 10.8 | 8.141 | 7.89 | 1.165 | 0.358 | 0.143 | Normal |
| 24632 NEPTUNE AVE | 20 | 100% | 3.65 | 11.8 | 7.366 | 7.065 | 1.628 | 0.662 | 0.221 | -- |
| 24633 MARBELLA AVE | 40 | 100% | 6.16 | 24.6 | 11.33 | 10.95 | 3.426 | 1.446 | 0.302 | Lognormal |
| 24700 MARBELLA AVE | 46 | 100% | 2.78 | 12.6 | 8.636 | 8.63 | 2.05 | -0.54 | 0.237 | Normal |
| 24700 RAVENNA AVE | 56 | 100% | 5.43 | 13.5 | 6.914 | 6.565 | 1.263 | 2.932 | 0.183 | -- |
| 24702 NEPTUNE AVE | 46 | 100% | 4.81 | 9.09 | 7.212 | 7.115 | 0.779 | 0.199 | 0.108 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.4**
**Summary of Descriptive Statistics for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24702 PANAMA AVE | 30 | 100% | 5.52 | 11 | 6.655 | 6.435 | 1.051 | 2.601 | 0.158 | -- |
| 24703 MARBELLA AVE | 36 | 100% | 4.62 | 18.8 | 9.842 | 9.74 | 2.916 | 0.364 | 0.296 | Normal |
| 24703 NEPTUNE AVE | 39 | 100% | 6.23 | 11.2 | 8.36 | 8.48 | 1.115 | 0.0909 | 0.133 | Normal |
| 24703 RAVENNA AVE | 53 | 100% | 5.42 | 9.65 | 7.686 | 7.66 | 1.052 | -0.0709 | 0.137 | Normal |
| 24706 MARBELLA AVE | 43 | 100% | 3.08 | 12.9 | 8.38 | 8.71 | 2.278 | -0.357 | 0.272 | Normal |
| 24706 RAVENNA AVE | 33 | 100% | 5.4 | 9.46 | 7.303 | 7.46 | 1.13 | 0.0662 | 0.155 | Normal |
| 24707 MARBELLA AVE | 37 | 100% | 5.31 | 13.1 | 8.539 | 7.86 | 2.226 | 0.742 | 0.261 | Lognormal |
| 24708 PANAMA AVE | 37 | 100% | 3.95 | 12.8 | 7.089 | 6.99 | 1.526 | 1.407 | 0.215 | Lognormal |
| 24709 NEPTUNE AVE | 37 | 100% | 5.96 | 9.32 | 7.762 | 7.89 | 0.947 | -0.165 | 0.122 | Normal |
| 24709 PANAMA AVE | 43 | 100% | 5.18 | 9.42 | 6.964 | 6.87 | 0.869 | 0.323 | 0.125 | Normal |
| 24709 RAVENNA AVE | 52 | 100% | 5.65 | 9.7 | 7.338 | 7.4 | 1.039 | 0.139 | 0.142 | Normal |
| 24710 MARBELLA AVE | 43 | 100% | 3.18 | 14 | 9.045 | 8.75 | 2.526 | -0.0597 | 0.279 | Normal |
| 24712 NEPTUNE AVE | 32 | 100% | 5.49 | 9.25 | 7.134 | 7.03 | 0.904 | 0.422 | 0.127 | Normal |
| 24712 PANAMA AVE | 27 | 100% | 4.16 | 13.6 | 7.477 | 7.18 | 1.771 | 1.631 | 0.237 | Lognormal |
| 24712 RAVENNA AVE | 45 | 100% | 4.96 | 9.29 | 6.601 | 6.46 | 0.835 | 1.052 | 0.127 | -- |
| 24713 MARBELLA AVE | 37 | 100% | 4.19 | 14.3 | 8.721 | 8.62 | 2.9 | 0.196 | 0.333 | -- |
| 24713 PANAMA AVE | 34 | 100% | 4.2 | 9.36 | 7.284 | 7.31 | 1.256 | -0.256 | 0.172 | Normal |
| 24713 RAVENNA AVE | 35 | 100% | 4.94 | 9.56 | 6.805 | 6.89 | 1.079 | 0.423 | 0.159 | Normal |
| 24715 NEPTUNE AVE | 37 | 100% | 5.15 | 10.9 | 8.273 | 8.34 | 1.228 | -0.27 | 0.148 | Normal |
| 24716 MARBELLA AVE | 30 | 100% | 5.04 | 12 | 8.599 | 9.18 | 2.23 | -0.209 | 0.259 | -- |
| 24716 RAVENNA AVE | 15 | 100% | 4.8 | 7.23 | 6.065 | 6.08 | 0.742 | -0.052 | 0.122 | Normal |
| 24717 MARBELLA AVE | 38 | 100% | 4.68 | 17 | 8.555 | 7.36 | 3.181 | 1.298 | 0.372 | Lognormal |
| 24718 NEPTUNE AVE | 65 | 100% | 5.02 | 11.3 | 6.952 | 6.49 | 1.345 | 1.071 | 0.194 | -- |
| 24718 PANAMA AVE | 33 | 100% | 5.09 | 9.58 | 6.908 | 6.74 | 0.971 | 0.53 | 0.141 | Normal |
| 24719 NEPTUNE AVE | 33 | 100% | 3.33 | 12.1 | 7.824 | 7.96 | 1.769 | 0.0918 | 0.226 | Normal |
| 24719 PANAMA AVE | 28 | 100% | 5.4 | 9.49 | 7.026 | 6.85 | 0.885 | 0.915 | 0.126 | Normal |
| 24719 RAVENNA AVE | 45 | 100% | 5.03 | 10.8 | 7.171 | 7.13 | 1.431 | 0.635 | 0.2 | Normal |
| 24722 MARBELLA AVE | 34 | 100% | 4.04 | 12.1 | 8.061 | 7.76 | 1.9 | 0.0512 | 0.236 | Normal |
| 24722 NEPTUNE AVE | 40 | 100% | 1.44 | 11.1 | 6.617 | 6.5 | 1.535 | -0.268 | 0.232 | -- |
| 24722 PANAMA AVE | 18 | 100% | 4.27 | 10.2 | 6.326 | 6.22 | 1.447 | 1.342 | 0.229 | Lognormal |
| 24722 RAVENNA AVE | 41 | 100% | 3.7 | 9.69 | 6.24 | 6.21 | 0.997 | 1.414 | 0.16 | -- |
| 24723 MARBELLA AVE | 22 | 100% | 2.05 | 12.4 | 7.576 | 7.235 | 2.661 | 0.00626 | 0.351 | Normal |
| 24723 RAVENNA AVE | 37 | 100% | 5.1 | 8.56 | 6.449 | 6.29 | 0.895 | 0.333 | 0.139 | Normal |
| 24725 NEPTUNE AVE | 35 | 100% | 4.99 | 9.02 | 6.657 | 6.34 | 1.117 | 0.544 | 0.168 | Lognormal |
| 24726 MARBELLA AVE | 49 | 100% | 2.59 | 12.9 | 8.94 | 9.01 | 2.62 | -0.636 | 0.293 | Normal |
| 24726 RAVENNA AVE | 37 | 100% | 2.63 | 11 | 6.235 | 6.21 | 1.378 | 0.616 | 0.221 | -- |
| 24727 MARBELLA AVE | 40 | 100% | 2.37 | 13.7 | 7.482 | 7.37 | 2.567 | -0.00173 | 0.343 | Normal |
| 24728 NEPTUNE AVE | 33 | 100% | 3.83 | 9.02 | 6.409 | 6.13 | 1.198 | 0.605 | 0.187 | Lognormal |
| 24728 PANAMA AVE | 31 | 100% | 4.14 | 14.7 | 7.181 | 6.95 | 1.839 | 2.301 | 0.256 | Lognormal |
| 24729 NEPTUNE AVE | 35 | 100% | 4.56 | 13.1 | 7.076 | 6.74 | 1.585 | 1.864 | 0.224 | -- |
| 24729 PANAMA AVE | 34 | 100% | 5.49 | 9.76 | 6.884 | 6.7 | 0.869 | 1.09 | 0.126 | Normal |
| 24729 RAVENNA AVE | 16 | 100% | 5.31 | 8.81 | 6.452 | 6.27 | 0.834 | 1.549 | 0.129 | Lognormal |
| 24732 MARBELLA AVE | 37 | 100% | 1.24 | 12.4 | 7.308 | 7.2 | 2.683 | -0.104 | 0.367 | Normal |
| 24732 NEPTUNE AVE | 35 | 100% | 5.17 | 11.3 | 7.15 | 6.84 | 1.45 | 1.084 | 0.203 | Lognormal |
| 24732 PANAMA AVE | 33 | 100% | 4.88 | 9.13 | 6.996 | 7.24 | 1.186 | -0.214 | 0.17 | Normal |
| 24732 RAVENNA AVE | 42 | 100% | 5.18 | 8.83 | 6.445 | 6.2 | 0.924 | 0.811 | 0.143 | Lognormal |
| 24733 MARBELLA AVE | 32 | 100% | 1.81 | 12.3 | 7.166 | 6.89 | 2.989 | 0.186 | 0.417 | Normal |
| 24733 PANAMA AVE | 38 | 100% | 5.74 | 9.65 | 7.399 | 7.36 | 0.989 | 0.435 | 0.134 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.4**
**Summary of Descriptive Statistics for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24733 RAVENNA AVE | 40 | 100% | 5.14 | 8.9 | 6.443 | 6.26 | 0.828 | 1.135 | 0.129 | -- |
| 24735 NEPTUNE AVE | 36 | 100% | 3.74 | 10.6 | 6.758 | 6.245 | 1.385 | 0.964 | 0.205 | -- |
| 24736 MARBELLA AVE | 52 | 100% | 3.13 | 13.9 | 8.345 | 8.65 | 2.505 | -0.0215 | 0.3 | Normal |
| 24736 RAVENNA AVE | 43 | 100% | 5.85 | 8.3 | 7.021 | 7.03 | 0.65 | -0.134 | 0.0926 | Normal |
| 24737 MARBELLA AVE | 28 | 100% | 5.19 | 12.6 | 7.858 | 7.125 | 2.132 | 0.962 | 0.271 | Lognormal |
| 24738 NEPTUNE AVE | 51 | 100% | 5.5 | 9.36 | 6.915 | 6.77 | 0.915 | 0.747 | 0.132 | Normal |
| 24738 PANAMA AVE | 32 | 100% | 3.84 | 9.16 | 6.014 | 5.91 | 1.381 | 0.409 | 0.23 | Normal |
| 24739 NEPTUNE AVE | 41 | 100% | 4.81 | 9.73 | 6.656 | 6.4 | 1.011 | 0.893 | 0.152 | Lognormal |
| 24739 PANAMA AVE | 43 | 100% | 5.05 | 9.69 | 7 | 7.04 | 1.242 | 0.418 | 0.177 | Normal |
| 24739 RAVENNA AVE | 42 | 100% | 2.44 | 7.92 | 6.455 | 6.535 | 0.98 | -1.766 | 0.152 | -- |
| 24740 MARBELLA AVE | 64 | 100% | 3.34 | 12.9 | 7.622 | 7.205 | 2.071 | 0.343 | 0.272 | Normal |
| 24741 MARBELLA AVE | 12 | 100% | 4.34 | 10.2 | 7.718 | 7.505 | 1.615 | -0.286 | 0.209 | Normal |
| 24743 RAVENNA AVE | 42 | 100% | 5.79 | 8.27 | 7.064 | 7.055 | 0.625 | -0.0319 | 0.0885 | Normal |
| 24744 MARBELLA AVE | 25 | 100% | 4.06 | 15.7 | 7.533 | 6.94 | 2.469 | 1.896 | 0.328 | Lognormal |
| 24748 RAVENNA AVE | 24 | 100% | 6.01 | 8.09 | 7.04 | 7.05 | 0.476 | 0.221 | 0.0677 | Normal |
| 24749 RAVENNA AVE | 43 | 100% | 5.43 | 12.9 | 6.962 | 6.92 | 1.129 | 3.48 | 0.162 | -- |
| 24752 RAVENNA AVE | 45 | 100% | 5.56 | 10.2 | 6.931 | 6.83 | 1.04 | 1.519 | 0.15 | -- |
| 24802 PANAMA AVE | 52 | 100% | 4.54 | 10.3 | 6.709 | 6.87 | 1.429 | 0.272 | 0.213 | Normal |
| 24803 NEPTUNE AVE | 32 | 100% | 4.68 | 9.98 | 6.468 | 6.16 | 1.102 | 1.604 | 0.17 | -- |
| 24803 PANAMA AVE | 18 | 100% | 4.79 | 10.1 | 6.121 | 5.75 | 1.31 | 1.775 | 0.214 | Lognormal |
| 24809 NEPTUNE AVE | 27 | 100% | 5.52 | 8.33 | 6.449 | 6.27 | 0.741 | 1.138 | 0.115 | -- |
| 24809 PANAMA AVE | 36 | 100% | 6.23 | 10.9 | 7.498 | 7.32 | 0.899 | 1.66 | 0.12 | Lognormal |
| 24812 PANAMA AVE | 29 | 100% | 4.26 | 8.6 | 6.176 | 6.29 | 1.31 | 0.321 | 0.212 | Normal |
| 24813 PANAMA AVE | 15 | 100% | 5.93 | 13.1 | 8.271 | 7.17 | 2.315 | 1.028 | 0.28 | Lognormal |
| 24815 NEPTUNE AVE | 30 | 100% | 4.71 | 10 | 6.637 | 6.5 | 1.19 | 1.105 | 0.179 | Lognormal |
| 24818 PANAMA AVE | 34 | 100% | 4.23 | 10.6 | 5.974 | 5.75 | 1.363 | 1.486 | 0.228 | Lognormal |
| 24819 PANAMA AVE | 34 | 100% | 5.04 | 10.7 | 6.734 | 6.62 | 0.924 | 2.287 | 0.137 | -- |
| 24822 PANAMA AVE | 43 | 100% | 4.24 | 9.49 | 6.465 | 6.44 | 1.411 | 0.422 | 0.218 | Normal |
| 24823 PANAMA AVE | 39 | 100% | 4.78 | 10.3 | 6.881 | 6.74 | 0.992 | 1.115 | 0.144 | -- |
| 24825 NEPTUNE AVE | 98 | 100% | 5.41 | 9.66 | 6.996 | 6.835 | 0.839 | 0.774 | 0.12 | Lognormal |
| 24828 PANAMA AVE | 36 | 100% | 3.53 | 9.49 | 6.079 | 6.03 | 1.535 | 0.542 | 0.252 | Normal |
| 24829 PANAMA AVE | 48 | 100% | 5.33 | 9.68 | 6.861 | 6.6 | 1.055 | 0.876 | 0.154 | Lognormal |
| 24832 PANAMA AVE | 38 | 100% | 4.88 | 14 | 7.139 | 6.85 | 1.859 | 2.533 | 0.26 | -- |
| 24833 PANAMA AVE | 43 | 100% | 5.23 | 10.9 | 7.023 | 6.52 | 1.52 | 1.047 | 0.216 | -- |
| 24838 PANAMA AVE | 28 | 100% | 4.69 | 9.97 | 6.698 | 6.49 | 1.33 | 0.905 | 0.199 | Normal |
| 24904 NEPTUNE AVE | 74 | 100% | 2.23 | 9.79 | 6.942 | 6.935 | 1.016 | -0.926 | 0.146 | -- |
| 24912 NEPTUNE AVE | 36 | 100% | 4.76 | 8.89 | 6.281 | 5.93 | 1.193 | 0.969 | 0.19 | -- |
| 301 244TH ST | 29 | 100% | 2.84 | 17.4 | 10.76 | 10.2 | 3.113 | -0.159 | 0.289 | Normal |
| 305 244TH ST | 54 | 100% | 5.9 | 21.2 | 10.67 | 10.4 | 2.933 | 1.018 | 0.275 | Normal |
| 311 244TH ST | 71 | 100% | 2.36 | 14.2 | 9.165 | 9.35 | 2.34 | -0.467 | 0.255 | Normal |
| 317 244TH ST | 58 | 100% | 3.8 | 14.6 | 9.875 | 10.2 | 2.2 | -0.593 | 0.223 | -- |
| 321 244TH ST | 40 | 100% | 6.55 | 21 | 11.55 | 11.15 | 2.878 | 0.944 | 0.249 | Normal |
| 327 244TH ST | 12 | 100% | 8.31 | 12.7 | 10.81 | 10.85 | 1.26 | -0.221 | 0.117 | Normal |
| 331 244TH ST | 28 | 100% | 6.7 | 17.7 | 11.18 | 10.9 | 2.465 | 1.017 | 0.221 | Normal |
| 337 244TH ST | 34 | 100% | 5.79 | 13.6 | 9.876 | 9.68 | 2.166 | 0.0138 | 0.219 | Normal |
| 341 244TH ST | 48 | 100% | 6.4 | 17.6 | 10.76 | 11.1 | 2.332 | 0.13 | 0.217 | -- |
| 344 249TH ST | 35 | 100% | 5.42 | 11 | 7.044 | 6.26 | 1.664 | 1.13 | 0.236 | -- |
| 345 249TH ST | 93 | 100% | 4.91 | 9.81 | 6.997 | 7.06 | 0.975 | 0.224 | 0.139 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.4**
**Summary of Descriptive Statistics for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 347 244TH ST | 32 | 100% | 6 | 14.6 | 10.4 | 10.45 | 2.241 | -0.319 | 0.215 | Normal |
| 348 248TH ST | 49 | 100% | 5.2 | 8.94 | 6.434 | 6.42 | 0.839 | 0.791 | 0.13 | Normal |
| 348 249TH ST | 51 | 100% | 4.88 | 10.7 | 6.986 | 6.34 | 1.598 | 0.884 | 0.229 | -- |
| 351 244TH ST | 32 | 100% | 5.41 | 16 | 10.16 | 10.55 | 2.65 | 0.141 | 0.261 | Normal |
| 352 249TH ST | 32 | 100% | 5.09 | 9.7 | 6.714 | 6.675 | 1.139 | 1.043 | 0.17 | Lognormal |
| 353 249TH ST | 32 | 100% | 5.06 | 9.14 | 6.913 | 6.9 | 1.055 | 0.163 | 0.153 | Normal |
| 354 248TH ST | 39 | 100% | 5.85 | 7.96 | 6.91 | 6.89 | 0.481 | 0.234 | 0.0696 | Normal |
| 357 244TH ST | 40 | 100% | 5.16 | 24.1 | 10.59 | 10.5 | 3.345 | 1.494 | 0.316 | Lognormal |
| 357 249TH ST | 24 | 100% | 5.36 | 9.05 | 7.072 | 6.97 | 1.046 | 0.348 | 0.148 | Normal |
| 358 249TH ST | 43 | 100% | 2.76 | 9.25 | 5.983 | 5.81 | 1.397 | 0.449 | 0.233 | Normal |
| 360 248TH ST | 48 | 100% | 4.67 | 13.9 | 6.894 | 6.76 | 1.341 | 3.057 | 0.195 | -- |
| 361 244TH ST | 23 | 100% | 4.7 | 14.7 | 9.945 | 10.5 | 2.694 | -0.515 | 0.271 | Normal |
| 362 249TH ST | 25 | 100% | 4.62 | 10.9 | 6.858 | 6.45 | 1.682 | 1.034 | 0.245 | Lognormal |
| 363 249TH ST | 27 | 100% | 5.74 | 7.79 | 6.562 | 6.63 | 0.501 | 0.329 | 0.0764 | Normal |
| 364 248TH ST | 48 | 100% | 5.46 | 8.27 | 6.741 | 6.635 | 0.66 | 0.597 | 0.0978 | Lognormal |
| 367 244TH ST | 13 | 100% | 4.13 | 11.3 | 8.985 | 9.52 | 2.234 | -1.528 | 0.249 | -- |
| 367 249TH ST | 46 | 100% | 2.19 | 8.52 | 6.271 | 6.345 | 1.198 | -1.251 | 0.191 | -- |
| 368 249TH ST | 55 | 100% | 4.61 | 11.2 | 6.622 | 6.18 | 1.36 | 1.354 | 0.205 | -- |
| 373 249TH ST | 42 | 100% | 4.2 | 8.26 | 6.142 | 6.18 | 0.755 | -0.105 | 0.123 | Normal |
| 374 248TH ST | 120 | 100% | 2.19 | 10.4 | 6.999 | 6.945 | 0.898 | -0.934 | 0.128 | -- |
| 374 249TH ST | 27 | 100% | 3.81 | 9.2 | 6.757 | 6.28 | 1.371 | 0.381 | 0.203 | Lognormal |
| 377 244TH ST | 32 | 100% | 6.5 | 14.7 | 11.27 | 11.6 | 1.975 | -0.444 | 0.175 | Normal |
| 377 249TH ST | 33 | 100% | 3.45 | 7.51 | 6.07 | 6.07 | 0.72 | -1.119 | 0.119 | -- |
| 378 249TH ST | 41 | 100% | 5.07 | 10 | 6.708 | 6.22 | 1.259 | 1.14 | 0.188 | -- |
| 383 249TH ST | 32 | 100% | 5.01 | 7.48 | 6.065 | 6.02 | 0.656 | 0.251 | 0.108 | Normal |
| 402 249TH ST | 32 | 100% | 5.09 | 10.5 | 6.918 | 6.585 | 1.348 | 1.24 | 0.195 | -- |
| 408 249TH ST | 24 | 100% | 5.45 | 8.97 | 6.406 | 6.135 | 0.809 | 1.62 | 0.126 | -- |
| 412 249TH ST | 77 | 100% | 4.44 | 15.3 | 6.958 | 6.17 | 2.422 | 1.847 | 0.348 | -- |
| 24703 PANAMA AVE | 62 | 100% | 4.98 | 11.8 | 6.958 | 6.805 | 1.094 | 1.975 | 0.157 | -- |
| 24808 PANAMA AVE | 20 | 100% | 4.59 | 10.9 | 6.908 | 6.725 | 1.783 | 0.917 | 0.258 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.5**
**Summary of Descriptive Statistics for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24401 MARBELLA AVE | 33 | 100% | 8.39 | 41.5 | 21.18 | 19 | 7.862 | 1.461 | 0.371 | -- |
| 24402 NEPTUNE AVE | 48 | 100% | 9.13 | 26.4 | 14.86 | 14.8 | 3.019 | 1.055 | 0.203 | Normal |
| 24402 PANAMA AVE | 127 | 100% | 3.96 | 47.9 | 19.27 | 18.7 | 7.492 | 0.776 | 0.389 | -- |
| 24402 RAVENNA AVE | 40 | 100% | 12 | 34.5 | 19.08 | 18.1 | 5.634 | 1.101 | 0.295 | Lognormal |
| 24403 NEPTUNE AVE | 46 | 100% | 10.2 | 33.4 | 18.17 | 17.5 | 4.84 | 0.855 | 0.266 | Normal |
| 24403 RAVENNA AVE | 62 | 100% | 9.24 | 31.3 | 16.08 | 15.6 | 3.757 | 1.297 | 0.234 | Lognormal |
| 24405 MARBELLA AVE | 25 | 100% | 10.1 | 43.6 | 19.93 | 18.3 | 8.503 | 1.799 | 0.427 | -- |
| 24406 MARBELLA AVE | 40 | 100% | 10.8 | 31.4 | 19.62 | 20.15 | 4.552 | 0.0181 | 0.232 | Normal |
| 24406 NEPTUNE AVE | 28 | 100% | 7.92 | 25.4 | 14.32 | 13.6 | 4.279 | 0.817 | 0.299 | Normal |
| 24406 PANAMA AVE | 23 | 100% | 9.36 | 27.3 | 17.98 | 18.3 | 5.486 | 0.131 | 0.305 | Normal |
| 24406 RAVENNA AVE | 26 | 100% | 10 | 27.2 | 15.84 | 15.1 | 3.897 | 1.04 | 0.246 | Normal |
| 24409 NEPTUNE AVE | 24 | 100% | 8.49 | 37.3 | 16.77 | 15.95 | 6.099 | 1.758 | 0.364 | Lognormal |
| 24409 RAVENNA AVE | 33 | 100% | 9.45 | 27.5 | 16.39 | 15.6 | 3.73 | 0.769 | 0.228 | Normal |
| 24410 PANAMA AVE | 33 | 100% | 8.16 | 36.4 | 14.89 | 14.2 | 5.283 | 2.104 | 0.355 | Lognormal |
| 24411 MARBELLA AVE | 69 | 100% | 10.3 | 38 | 21.38 | 21.4 | 4.692 | 0.701 | 0.219 | Normal |
| 24411 PANAMA AVE | 37 | 100% | 11.4 | 92.6 | 23.73 | 19.5 | 15.98 | 3.319 | 0.674 | -- |
| 24412 MARBELLA AVE | 31 | 100% | 10.4 | 1190 | 88.46 | 20.9 | 242.8 | 4.028 | 2.745 | -- |
| 24412 RAVENNA AVE | 61 | 100% | 9.46 | 23.5 | 15.05 | 14.3 | 3.917 | 0.293 | 0.26 | -- |
| 24413 NEPTUNE AVE | 24 | 100% | 8.53 | 40.8 | 17.1 | 16.5 | 7.181 | 2.085 | 0.42 | Lognormal |
| 24413 RAVENNA AVE | 28 | 100% | 5.87 | 53.4 | 17.2 | 13.9 | 10.42 | 2.092 | 0.606 | Lognormal |
| 24416 MARBELLA AVE | 50 | 100% | 8.57 | 36.4 | 17.85 | 17.3 | 6.164 | 0.933 | 0.345 | Lognormal |
| 24416 NEPTUNE AVE | 21 | 100% | 8.86 | 18.7 | 13.79 | 13.5 | 3.007 | 0.155 | 0.218 | Normal |
| 24416 PANAMA AVE | 33 | 100% | 8.61 | 20 | 13.93 | 14.3 | 2.946 | 0.117 | 0.211 | Normal |
| 24416 RAVENNA AVE | 42 | 100% | 8.02 | 42.3 | 14.61 | 13.65 | 5.713 | 2.813 | 0.391 | Lognormal |
| 24417 MARBELLA AVE | 8 | 100% | 19.1 | 27.4 | 22.49 | 21.85 | 3.18 | 0.653 | 0.141 | Normal |
| 24417 PANAMA AVE | 47 | 100% | 7.4 | 27.1 | 15.72 | 14.7 | 4.297 | 0.518 | 0.273 | Normal |
| 24419 NEPTUNE AVE | 32 | 100% | 7.86 | 40.2 | 15.55 | 14.4 | 5.869 | 2.444 | 0.377 | Lognormal |
| 24419 RAVENNA AVE | 32 | 100% | 5.45 | 20.3 | 12.62 | 13.4 | 3.597 | -0.0369 | 0.285 | Normal |
| 24420 PANAMA AVE | 33 | 100% | 5.82 | 19.9 | 12.48 | 11.8 | 3.538 | 0.292 | 0.283 | Normal |
| 24421 PANAMA AVE | 30 | 100% | 7.9 | 24.7 | 15.4 | 15.4 | 4.352 | 0.255 | 0.283 | Normal |
| 24422 MARBELLA AVE | 43 | 100% | 7.87 | 54.7 | 17.19 | 16.4 | 7.861 | 3.015 | 0.457 | -- |
| 24422 NEPTUNE AVE | 36 | 100% | 9.57 | 33.1 | 15.46 | 15.15 | 4.961 | 1.575 | 0.321 | Lognormal |
| 24422 RAVENNA AVE | 29 | 100% | 9.29 | 29.4 | 14.61 | 14.5 | 4.074 | 1.549 | 0.279 | Lognormal |
| 24423 MARBELLA AVE | 13 | 100% | 15.7 | 56.5 | 24.82 | 22.6 | 10.51 | 2.612 | 0.423 | -- |
| 24423 NEPTUNE AVE | 37 | 100% | 6.78 | 23.1 | 14.76 | 14.5 | 4.117 | 0.101 | 0.279 | Normal |
| 24423 RAVENNA AVE | 40 | 100% | 6.65 | 20.3 | 11.76 | 11.6 | 3.295 | 0.876 | 0.28 | Lognormal |
| 24426 MARBELLA AVE | 24 | 100% | 7.91 | 44.2 | 17.05 | 16.1 | 7.212 | 2.376 | 0.423 | Lognormal |
| 24426 NEPTUNE AVE | 30 | 100% | 6.93 | 24.6 | 13.11 | 11 | 4.859 | 1.143 | 0.371 | Lognormal |
| 24426 PANAMA AVE | 30 | 100% | 4.74 | 23 | 13.79 | 12.85 | 4.474 | 0.117 | 0.324 | Normal |
| 24426 RAVENNA AVE | 49 | 100% | 7.38 | 23.9 | 14.46 | 13.9 | 4.366 | 0.408 | 0.302 | Normal |
| 24427 MARBELLA AVE | 25 | 100% | 13.8 | 31.1 | 21.79 | 21.7 | 4.258 | 0.0806 | 0.195 | Normal |
| 24427 PANAMA AVE | 38 | 100% | 8.51 | 60.1 | 16.12 | 15.4 | 8.359 | 4.103 | 0.519 | Lognormal |
| 24429 NEPTUNE AVE | 19 | 100% | 9.42 | 20.1 | 13.64 | 13.6 | 2.837 | 0.474 | 0.208 | Normal |
| 24429 RAVENNA AVE | 29 | 100% | 6.47 | 24.9 | 13.01 | 11.7 | 4.182 | 0.903 | 0.321 | Normal |
| 24430 PANAMA AVE | 30 | 100% | 3.07 | 43.3 | 12.24 | 10.95 | 7.432 | 2.748 | 0.607 | Lognormal |
| 24431 PANAMA AVE | 35 | 100% | 8.61 | 31 | 17.56 | 17.3 | 5.195 | 0.264 | 0.296 | Normal |
| 24432 MARBELLA AVE | 67 | 100% | 8.02 | 35 | 16.35 | 16.6 | 4.179 | 1.002 | 0.256 | Normal |
| 24433 MARBELLA AVE | 27 | 100% | 17.3 | 35.2 | 23.06 | 20.8 | 5.592 | 0.948 | 0.242 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.5**
**Summary of Descriptive Statistics for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24436 PANAMA AVE | 35 | 100% | 2.76 | 12.8 | 7.758 | 8.54 | 2.724 | -0.297 | 0.351 | Normal |
| 24502 MARBELLA AVE | 51 | 100% | 8.53 | 32 | 16.7 | 16.3 | 5.515 | 0.658 | 0.33 | Normal |
| 24502 NEPTUNE AVE | 58 | 100% | 6.33 | 36 | 11.21 | 10.2 | 4.407 | 3.289 | 0.393 | Lognormal |
| 24502 PANAMA AVE | 48 | 100% | 1.53 | 16.9 | 7.519 | 7.705 | 2.937 | 0.269 | 0.391 | Normal |
| 24502 RAVENNA AVE | 44 | 100% | 6.99 | 19 | 11.37 | 10.7 | 2.832 | 0.652 | 0.249 | Lognormal |
| 24503 MARBELLA AVE | 29 | 100% | 13 | 46 | 21.02 | 19.1 | 6.063 | 2.694 | 0.288 | -- |
| 24503 NEPTUNE AVE | 60 | 100% | 4.44 | 24.3 | 15.68 | 15.45 | 4.11 | 0.00012929 | 0.262 | Normal |
| 24503 PANAMA AVE | 28 | 100% | 7.28 | 21.2 | 14.71 | 14.55 | 3.453 | 0.0506 | 0.235 | Normal |
| 24503 RAVENNA AVE | 34 | 100% | 7.42 | 36.2 | 12.9 | 11.25 | 5.673 | 2.189 | 0.44 | -- |
| 24506 MARBELLA AVE | 36 | 100% | 8.59 | 36.4 | 17.88 | 18 | 4.892 | 1.658 | 0.274 | Lognormal |
| 24507 MARBELLA AVE | 36 | 100% | 9.86 | 37.3 | 21.86 | 19.35 | 6.885 | 0.408 | 0.315 | Normal |
| 24508 NEPTUNE AVE | 40 | 100% | 8.21 | 20.8 | 14.02 | 13.65 | 3.37 | 0.175 | 0.24 | Normal |
| 24508 PANAMA AVE | 24 | 100% | 2.34 | 15.4 | 7.835 | 8.665 | 3.123 | -0.0753 | 0.399 | -- |
| 24508 RAVENNA AVE | 39 | 100% | 7.57 | 23.5 | 13.32 | 12.6 | 3.833 | 0.557 | 0.288 | -- |
| 24509 NEPTUNE AVE | 31 | 100% | 9.02 | 21.8 | 14.44 | 13.8 | 3.222 | 0.63 | 0.223 | Normal |
| 24509 PANAMA AVE | 47 | 100% | 8.7 | 33.3 | 13.83 | 12.5 | 4.743 | 1.867 | 0.343 | Lognormal |
| 24509 RAVENNA AVE | 37 | 100% | 7.32 | 39.2 | 14.83 | 13.9 | 5.907 | 2.09 | 0.398 | Lognormal |
| 24512 MARBELLA AVE | 48 | 100% | 8.88 | 36.5 | 19.26 | 19 | 5.837 | 0.68 | 0.303 | Normal |
| 24512 NEPTUNE AVE | 36 | 100% | 7.87 | 28.5 | 14.33 | 13.25 | 4.474 | 1.165 | 0.312 | Lognormal |
| 24512 PANAMA AVE | 28 | 100% | 1.91 | 13 | 6.861 | 7.625 | 3.156 | -0.266 | 0.46 | -- |
| 24512 RAVENNA AVE | 56 | 100% | 7.58 | 29.1 | 13.58 | 12.85 | 4.292 | 1.238 | 0.316 | Lognormal |
| 24513 NEPTUNE AVE | 37 | 100% | 6.12 | 29.4 | 14.67 | 14.1 | 4.82 | 0.66 | 0.328 | Normal |
| 24513 PANAMA AVE | 51 | 100% | 6.01 | 24.6 | 12.23 | 11.5 | 3.794 | 0.817 | 0.31 | Lognormal |
| 24513 RAVENNA AVE | 30 | 100% | 6.5 | 22.6 | 14.58 | 13.85 | 4.341 | 0.174 | 0.298 | Normal |
| 24516 MARBELLA AVE | 30 | 100% | 7.42 | 28 | 17.81 | 18.35 | 4.826 | -0.518 | 0.271 | Normal |
| 24517 MARBELLA AVE | 12 | 100% | 17.5 | 29.6 | 23.2 | 22.35 | 4.915 | 0.182 | 0.212 | Normal |
| 24518 NEPTUNE AVE | 45 | 100% | 7.92 | 22.3 | 14.57 | 14.7 | 4.184 | 0.0576 | 0.287 | Normal |
| 24518 PANAMA AVE | 42 | 100% | 1.87 | 27.1 | 7.995 | 8.495 | 5.291 | 1.979 | 0.662 | -- |
| 24518 RAVENNA AVE | 30 | 100% | 8.65 | 21.4 | 15.25 | 16.3 | 4.087 | -0.163 | 0.268 | Normal |
| 24519 NEPTUNE AVE | 35 | 100% | 8.56 | 22.3 | 14.02 | 13.1 | 4.078 | 0.457 | 0.291 | Normal |
| 24519 PANAMA AVE | 30 | 100% | 3.04 | 18.7 | 11.18 | 10.95 | 4.088 | -0.03 | 0.366 | Normal |
| 24522 MARBELLA AVE | 27 | 100% | 7.88 | 35.7 | 22.88 | 23.4 | 6.458 | -0.258 | 0.282 | Normal |
| 24522 NEPTUNE AVE | 28 | 100% | 7.05 | 22.8 | 15.13 | 16 | 4.277 | -0.219 | 0.283 | Normal |
| 24522 PANAMA AVE | 36 | 100% | 1.01 | 19.9 | 7.145 | 7.665 | 3.706 | 0.841 | 0.519 | -- |
| 24522 RAVENNA AVE | 35 | 100% | 2.01 | 23.4 | 11.72 | 11 | 4.629 | 0.433 | 0.395 | Normal |
| 24523 MARBELLA AVE | 45 | 100% | 7.27 | 31.6 | 21.26 | 20.7 | 5.173 | -0.0868 | 0.243 | Normal |
| 24523 NEPTUNE AVE | 37 | 100% | 8.26 | 27.4 | 15.78 | 15.1 | 5.312 | 0.557 | 0.337 | Normal |
| 24523 RAVENNA AVE | 17 | 100% | 7.68 | 18 | 13.05 | 14 | 3.073 | -0.222 | 0.235 | Normal |
| 24526 MARBELLA AVE | 36 | 100% | 7.36 | 37.8 | 19.21 | 19.35 | 6.104 | 0.429 | 0.318 | Normal |
| 24528 NEPTUNE AVE | 31 | 100% | 2.8 | 21.2 | 8.784 | 7.82 | 4.636 | 1.609 | 0.528 | Lognormal |
| 24528 PANAMA AVE | 39 | 100% | 0.51 | 28.2 | 6.216 | 6.2 | 4.586 | 2.912 | 0.738 | -- |
| 24529 NEPTUNE AVE | 32 | 100% | 8.87 | 37.3 | 15.21 | 14.15 | 5.574 | 2.117 | 0.366 | Lognormal |
| 24529 PANAMA AVE | 24 | 100% | 2.05 | 13.2 | 7.662 | 7.82 | 2.953 | -0.227 | 0.385 | Normal |
| 24529 RAVENNA AVE | 26 | 100% | 2.65 | 41.6 | 13.99 | 12.2 | 9.361 | 1.475 | 0.669 | Lognormal |
| 24532 MARBELLA AVE | 27 | 100% | 8.07 | 36.1 | 20.79 | 21.2 | 6.804 | 0.037 | 0.327 | Normal |
| 24532 NEPTUNE AVE | 21 | 100% | 3.59 | 80.8 | 15.7 | 10.2 | 16.73 | 3.185 | 1.066 | Lognormal |
| 24532 PANAMA AVE | 23 | 100% | 2.73 | 26.6 | 9.643 | 9.18 | 4.716 | 2.052 | 0.489 | Lognormal |
| 24532 RAVENNA AVE | 29 | 100% | 1.97 | 12.1 | 7.69 | 8.17 | 2.754 | -0.897 | 0.358 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.5**
**Summary of Descriptive Statistics for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24533 MARBELLA AVE | 25 | 100% | 16.5 | 170 | 31.41 | 24.5 | 29.82 | 4.526 | 0.949 | -- |
| 24533 PANAMA AVE | 29 | 100% | 2.19 | 16.7 | 8.762 | 8.67 | 3.047 | -0.208 | 0.348 | Normal |
| 24533 RAVENNA AVE | 52 | 100% | 1.8 | 17.5 | 7.557 | 7.79 | 3.092 | 0.757 | 0.409 | -- |
| 24602 MARBELLA AVE | 34 | 100% | 7.63 | 31.5 | 20.77 | 21.35 | 5.927 | -0.358 | 0.285 | Normal |
| 24602 NEPTUNE AVE | 33 | 100% | 3.37 | 12.5 | 8.235 | 8.26 | 2.401 | -0.134 | 0.292 | Normal |
| 24602 PANAMA AVE | 40 | 100% | 2.25 | 17.5 | 9.412 | 8.97 | 3.64 | 0.498 | 0.387 | Normal |
| 24602 RAVENNA AVE | 28 | 100% | 4.3 | 16.3 | 9.264 | 9.035 | 2.822 | 0.489 | 0.305 | -- |
| 24603 MARBELLA AVE | 26 | 100% | 14.3 | 30.5 | 22.69 | 23.7 | 4.674 | -0.0666 | 0.206 | Normal |
| 24603 NEPTUNE AVE | 49 | 100% | 2.82 | 26.3 | 10.93 | 9.98 | 4.453 | 1.09 | 0.407 | Lognormal |
| 24603 PANAMA AVE | 30 | 100% | 6.71 | 14.5 | 9.877 | 9.98 | 2.044 | 0.587 | 0.207 | Normal |
| 24603 RAVENNA AVE | 31 | 100% | 3.45 | 19.4 | 7.848 | 7.78 | 2.932 | 1.811 | 0.374 | -- |
| 24606 MARBELLA AVE | 63 | 100% | 3.67 | 30.2 | 16.77 | 17.9 | 6.771 | -0.277 | 0.404 | -- |
| 24607 MARBELLA AVE | 31 | 100% | 2.35 | 37.1 | 19.73 | 19.8 | 7.675 | -0.248 | 0.389 | Normal |
| 24608 NEPTUNE AVE | 37 | 100% | 3.67 | 46.5 | 12.26 | 8.88 | 9.243 | 2.191 | 0.754 | -- |
| 24608 PANAMA AVE | 22 | 100% | 3.73 | 26 | 10.3 | 9.905 | 4.58 | 2.113 | 0.445 | Lognormal |
| 24608 RAVENNA AVE | 40 | 100% | 2.43 | 29.8 | 9.95 | 8.535 | 5.939 | 2.003 | 0.597 | -- |
| 24609 NEPTUNE AVE | 30 | 100% | 4.62 | 22.4 | 13.07 | 11.35 | 5.418 | 0.263 | 0.415 | -- |
| 24609 PANAMA AVE | 34 | 100% | 3.93 | 21.8 | 11.16 | 10.85 | 4.182 | 0.631 | 0.375 | Normal |
| 24609 RAVENNA AVE | 45 | 100% | 3.31 | 21.2 | 7.732 | 7.56 | 2.851 | 2.703 | 0.369 | -- |
| 24612 MARBELLA AVE | 51 | 100% | 6.61 | 54.3 | 18.31 | 18.4 | 7.482 | 1.951 | 0.409 | -- |
| 24612 NEPTUNE AVE | 47 | 100% | 4.12 | 105 | 10.81 | 8.51 | 14.22 | 6.586 | 1.315 | -- |
| 24612 PANAMA AVE | 33 | 100% | 5.89 | 17.8 | 9.773 | 8.85 | 2.956 | 1.373 | 0.302 | -- |
| 24612 RAVENNA AVE | 46 | 100% | 3.67 | 64.3 | 11.22 | 9.505 | 8.936 | 4.849 | 0.796 | Lognormal |
| 24613 MARBELLA AVE | 52 | 100% | 15.3 | 35.9 | 22.55 | 22.65 | 4.515 | 0.925 | 0.2 | Lognormal |
| 24613 NEPTUNE AVE | 39 | 100% | 7.69 | 21 | 13.4 | 13.3 | 4.295 | 0.128 | 0.321 | -- |
| 24613 PANAMA AVE | 51 | 100% | 6.4 | 23.2 | 10.9 | 9.82 | 3.867 | 1.383 | 0.355 | Lognormal |
| 24613 RAVENNA AVE | 33 | 100% | 5.71 | 13.1 | 8.521 | 7.82 | 2.131 | 1.015 | 0.25 | Lognormal |
| 24616 MARBELLA AVE | 46 | 100% | 3.71 | 27.8 | 14.15 | 12.95 | 6.832 | 0.394 | 0.483 | Lognormal |
| 24617 MARBELLA AVE | 34 | 100% | 11.4 | 47.4 | 25.28 | 24.3 | 8.231 | 0.778 | 0.326 | Normal |
| 24618 NEPTUNE AVE | 26 | 100% | 7.58 | 18.5 | 11.77 | 11.05 | 3.323 | 0.761 | 0.282 | Lognormal |
| 24618 PANAMA AVE | 28 | 100% | 4.86 | 18.6 | 9.793 | 9.065 | 3.403 | 1.047 | 0.347 | Lognormal |
| 24618 RAVENNA AVE | 40 | 100% | 5.93 | 17.8 | 8.852 | 8.405 | 2.458 | 1.731 | 0.278 | Lognormal |
| 24619 NEPTUNE AVE | 28 | 100% | 8.05 | 23 | 13.38 | 12.55 | 4.177 | 0.717 | 0.312 | Normal |
| 24619 PANAMA AVE | 38 | 100% | 4.4 | 16.3 | 9.946 | 9.585 | 2.743 | 0.259 | 0.276 | Normal |
| 24619 RAVENNA AVE | 35 | 100% | 6.55 | 14.4 | 9.374 | 8.64 | 2.227 | 0.975 | 0.238 | Lognormal |
| 24622 MARBELLA AVE | 53 | 100% | 3.46 | 38.4 | 16.95 | 18 | 9.073 | 0.42 | 0.535 | -- |
| 24622 NEPTUNE AVE | 34 | 100% | 7.09 | 19 | 10.36 | 9.67 | 2.922 | 1.489 | 0.282 | Lognormal |
| 24623 MARBELLA AVE | 32 | 100% | 12.1 | 48.1 | 23.7 | 22.3 | 6.573 | 1.564 | 0.277 | Normal |
| 24623 NEPTUNE AVE | 36 | 100% | 7.7 | 30.7 | 14.72 | 14.7 | 4.655 | 0.991 | 0.316 | Normal |
| 24627 MARBELLA AVE | 48 | 100% | 7.2 | 33.6 | 22.15 | 22.95 | 6.511 | -0.148 | 0.294 | Normal |
| 24628 MARBELLA AVE | 52 | 100% | 3.97 | 39.3 | 17.1 | 17.15 | 8.117 | 0.49 | 0.475 | Normal |
| 24628 NEPTUNE AVE | 18 | 100% | 6.2 | 14.7 | 8.964 | 8.055 | 2.247 | 1.431 | 0.251 | Lognormal |
| 24629 NEPTUNE AVE | 39 | 100% | 8.02 | 26.6 | 13.86 | 14.5 | 3.88 | 0.724 | 0.28 | Normal |
| 24632 NEPTUNE AVE | 20 | 100% | 6.46 | 20.6 | 10.59 | 8.825 | 4.029 | 1.708 | 0.381 | -- |
| 24633 MARBELLA AVE | 40 | 100% | 5.99 | 37.5 | 20.93 | 21.7 | 8.274 | -0.0906 | 0.395 | Normal |
| 24700 MARBELLA AVE | 46 | 100% | 2.79 | 36.8 | 15.6 | 14.75 | 6.386 | 0.953 | 0.409 | -- |
| 24700 RAVENNA AVE | 56 | 100% | 5.11 | 16.5 | 8.961 | 8.17 | 2.45 | 1.315 | 0.273 | -- |
| 24702 NEPTUNE AVE | 46 | 100% | 7.21 | 15.9 | 10.04 | 9.345 | 2.139 | 1.211 | 0.213 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.5**
**Summary of Descriptive Statistics for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24702 PANAMA AVE | 30 | 100% | 5.93 | 51.7 | 13.89 | 11.15 | 9.107 | 2.989 | 0.656 | -- |
| 24703 MARBELLA AVE | 36 | 100% | 4.91 | 74.2 | 20.58 | 20.65 | 12.78 | 2.143 | 0.621 | -- |
| 24703 NEPTUNE AVE | 39 | 100% | 7.89 | 20.9 | 13.83 | 14 | 3.844 | -0.0204 | 0.278 | Normal |
| 24703 RAVENNA AVE | 53 | 100% | 5.8 | 34.4 | 10.75 | 9.49 | 4.296 | 3.453 | 0.4 | -- |
| 24706 MARBELLA AVE | 43 | 100% | 3.6 | 23.8 | 13.85 | 14 | 5.378 | 0.202 | 0.388 | Normal |
| 24706 RAVENNA AVE | 33 | 100% | 6.41 | 18.8 | 10.53 | 9.38 | 3.211 | 1.153 | 0.305 | -- |
| 24707 MARBELLA AVE | 37 | 100% | 5.98 | 26 | 13.75 | 11.7 | 5.596 | 0.618 | 0.407 | Lognormal |
| 24708 PANAMA AVE | 37 | 100% | 6.26 | 25.8 | 13.77 | 13.4 | 4.957 | 0.67 | 0.36 | Normal |
| 24709 NEPTUNE AVE | 37 | 100% | 6.2 | 21.5 | 12.43 | 12.1 | 3.607 | 0.585 | 0.29 | Normal |
| 24709 PANAMA AVE | 43 | 100% | 6.44 | 17.9 | 10.89 | 10.6 | 2.797 | 0.562 | 0.257 | Normal |
| 24709 RAVENNA AVE | 52 | 100% | 6.44 | 19.1 | 9.715 | 9.115 | 2.308 | 1.735 | 0.238 | -- |
| 24710 MARBELLA AVE | 43 | 100% | 4.02 | 36.8 | 16.29 | 15 | 7.137 | 0.691 | 0.438 | Lognormal |
| 24712 NEPTUNE AVE | 32 | 100% | 7.39 | 16.4 | 9.663 | 8.96 | 2.146 | 1.784 | 0.222 | -- |
| 24712 PANAMA AVE | 27 | 100% | 6.63 | 16.7 | 10.73 | 10.2 | 2.6 | 1.01 | 0.242 | Lognormal |
| 24712 RAVENNA AVE | 45 | 100% | 6.53 | 26.8 | 9.968 | 8.53 | 3.859 | 2.938 | 0.387 | -- |
| 24713 MARBELLA AVE | 37 | 100% | 6 | 26.7 | 13.89 | 11.7 | 6.256 | 0.626 | 0.45 | Lognormal |
| 24713 PANAMA AVE | 34 | 100% | 8.7 | 24.9 | 13.37 | 12.6 | 3.287 | 1.591 | 0.246 | Lognormal |
| 24713 RAVENNA AVE | 35 | 100% | 6.56 | 18 | 9.293 | 9.17 | 2.044 | 2.316 | 0.22 | Lognormal |
| 24715 NEPTUNE AVE | 37 | 100% | 6.95 | 20.1 | 13.26 | 14.1 | 3.635 | -0.112 | 0.274 | -- |
| 24716 MARBELLA AVE | 30 | 100% | 6.49 | 25 | 15.18 | 15.9 | 5.389 | 0.0291 | 0.355 | Normal |
| 24716 RAVENNA AVE | 15 | 100% | 7.58 | 16.3 | 9.999 | 9.5 | 2.271 | 2.046 | 0.227 | -- |
| 24717 MARBELLA AVE | 38 | 100% | 4.34 | 25.2 | 10.9 | 9.195 | 4.978 | 1.38 | 0.456 | -- |
| 24718 NEPTUNE AVE | 65 | 100% | 6.21 | 16.3 | 9.37 | 8.92 | 2.199 | 1.574 | 0.235 | -- |
| 24718 PANAMA AVE | 33 | 100% | 6.15 | 26.3 | 11.62 | 10.2 | 4.776 | 1.665 | 0.411 | -- |
| 24719 NEPTUNE AVE | 33 | 100% | 3.9 | 36.5 | 14.34 | 11.5 | 7.495 | 1.455 | 0.523 | Lognormal |
| 24719 PANAMA AVE | 28 | 100% | 7.46 | 22.7 | 11.63 | 11.05 | 3.501 | 1.46 | 0.301 | Lognormal |
| 24719 RAVENNA AVE | 45 | 100% | 6.55 | 33.3 | 10.11 | 9.18 | 4.191 | 4.195 | 0.414 | -- |
| 24722 MARBELLA AVE | 34 | 100% | 6.5 | 25 | 13.19 | 12 | 5.262 | 0.885 | 0.399 | -- |
| 24722 NEPTUNE AVE | 40 | 100% | 1.66 | 14.4 | 8.5 | 8.3 | 2.278 | 0.302 | 0.268 | -- |
| 24722 PANAMA AVE | 18 | 100% | 5.63 | 14.2 | 8.678 | 8.48 | 1.834 | 1.319 | 0.211 | Normal |
| 24722 RAVENNA AVE | 41 | 100% | 6.3 | 19.7 | 9.344 | 8.8 | 2.869 | 2.19 | 0.307 | -- |
| 24723 MARBELLA AVE | 22 | 100% | 2.8 | 28.2 | 11.72 | 9.185 | 6.236 | 1.107 | 0.532 | -- |
| 24723 RAVENNA AVE | 37 | 100% | 5.49 | 32.5 | 10.09 | 8.31 | 5.499 | 2.871 | 0.545 | -- |
| 24725 NEPTUNE AVE | 35 | 100% | 5.64 | 22.1 | 9.574 | 8.67 | 3.256 | 2.131 | 0.34 | -- |
| 24726 MARBELLA AVE | 49 | 100% | 3.2 | 27.8 | 15.17 | 15.7 | 6.004 | -0.102 | 0.396 | Normal |
| 24726 RAVENNA AVE | 37 | 100% | 4.83 | 17.6 | 7.679 | 7.77 | 2.165 | 2.532 | 0.282 | -- |
| 24727 MARBELLA AVE | 40 | 100% | 3.38 | 27.8 | 11.67 | 10.65 | 5.479 | 0.863 | 0.469 | -- |
| 24728 NEPTUNE AVE | 33 | 100% | 5.3 | 22.2 | 8.299 | 8.02 | 2.772 | 4.071 | 0.334 | -- |
| 24728 PANAMA AVE | 31 | 100% | 4.92 | 41 | 13.32 | 10.2 | 8.402 | 1.913 | 0.631 | Lognormal |
| 24729 NEPTUNE AVE | 35 | 100% | 6.16 | 21.4 | 10.21 | 9.57 | 3.147 | 2.096 | 0.308 | -- |
| 24729 PANAMA AVE | 34 | 100% | 5.96 | 14.7 | 8.921 | 9.225 | 1.801 | 0.703 | 0.202 | Normal |
| 24729 RAVENNA AVE | 16 | 100% | 5.41 | 23.5 | 8.791 | 7.95 | 4.258 | 3.02 | 0.484 | Lognormal |
| 24732 MARBELLA AVE | 37 | 100% | 1.22 | 24.9 | 10.43 | 8.86 | 5.511 | 0.851 | 0.528 | Lognormal |
| 24732 NEPTUNE AVE | 35 | 100% | 5.41 | 22.3 | 9.653 | 8.9 | 3.21 | 2.32 | 0.333 | -- |
| 24732 PANAMA AVE | 33 | 100% | 4.86 | 29.9 | 10.37 | 8.9 | 4.935 | 2.478 | 0.476 | Lognormal |
| 24732 RAVENNA AVE | 42 | 100% | 5.19 | 17.4 | 8.174 | 8.155 | 1.872 | 2.809 | 0.229 | -- |
| 24733 MARBELLA AVE | 32 | 100% | 2.54 | 27.2 | 11.36 | 9.8 | 6.08 | 1.054 | 0.535 | Lognormal |
| 24733 PANAMA AVE | 38 | 100% | 6.64 | 31.4 | 11.11 | 10.15 | 4.298 | 3.103 | 0.387 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.5**
**Summary of Descriptive Statistics for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24733 RAVENNA AVE | 40 | 100% | 5.89 | 13.2 | 8.736 | 8.275 | 1.781 | 0.618 | 0.204 | Normal |
| 24735 NEPTUNE AVE | 36 | 100% | 5.05 | 125 | 11.34 | 8.05 | 19.57 | 5.917 | 1.726 | -- |
| 24736 MARBELLA AVE | 52 | 100% | 3.23 | 21.8 | 12.11 | 10.75 | 4.684 | 0.525 | 0.387 | Lognormal |
| 24736 RAVENNA AVE | 43 | 100% | 6.87 | 18.3 | 9.379 | 8.85 | 1.834 | 3.094 | 0.196 | -- |
| 24737 MARBELLA AVE | 28 | 100% | 6.19 | 21.6 | 10.7 | 10.4 | 3.126 | 1.584 | 0.292 | Normal |
| 24738 NEPTUNE AVE | 51 | 100% | 5.56 | 13.9 | 8.828 | 8.63 | 1.526 | 0.836 | 0.173 | -- |
| 24738 PANAMA AVE | 32 | 100% | 3.99 | 22 | 9.195 | 8.915 | 3.382 | 1.877 | 0.368 | Lognormal |
| 24739 NEPTUNE AVE | 41 | 100% | 5.68 | 18.9 | 9.021 | 8.72 | 2.07 | 2.655 | 0.229 | -- |
| 24739 PANAMA AVE | 43 | 100% | 5.77 | 14.2 | 8.793 | 8.59 | 1.761 | 0.954 | 0.2 | Normal |
| 24739 RAVENNA AVE | 42 | 100% | 5 | 18.2 | 8.907 | 8.73 | 2.296 | 1.552 | 0.258 | Lognormal |
| 24740 MARBELLA AVE | 64 | 100% | 3.45 | 21.6 | 10.51 | 9.62 | 3.798 | 1.214 | 0.361 | Lognormal |
| 24741 MARBELLA AVE | 12 | 100% | 6.69 | 17.3 | 11.48 | 11.55 | 2.753 | 0.276 | 0.24 | Normal |
| 24743 RAVENNA AVE | 42 | 100% | 5.17 | 13.1 | 8.859 | 8.69 | 1.472 | 0.94 | 0.166 | -- |
| 24744 MARBELLA AVE | 25 | 100% | 5.54 | 22.5 | 10.21 | 9.97 | 3.118 | 2.5 | 0.306 | Lognormal |
| 24748 RAVENNA AVE | 24 | 100% | 7.8 | 13.5 | 9.375 | 9.115 | 1.276 | 1.852 | 0.136 | -- |
| 24749 RAVENNA AVE | 43 | 100% | 7.33 | 28.2 | 10.18 | 9.74 | 3.399 | 3.75 | 0.334 | -- |
| 24752 RAVENNA AVE | 45 | 100% | 6.57 | 19.7 | 8.922 | 8.27 | 2.367 | 3.047 | 0.265 | -- |
| 24802 PANAMA AVE | 52 | 100% | 4.24 | 21.2 | 8.492 | 8.155 | 2.969 | 1.846 | 0.35 | Lognormal |
| 24803 NEPTUNE AVE | 32 | 100% | 5.52 | 15.3 | 8.59 | 8.355 | 2.122 | 1.71 | 0.247 | Lognormal |
| 24803 PANAMA AVE | 18 | 100% | 5.58 | 10.1 | 7.564 | 7.405 | 1.105 | 0.361 | 0.146 | Normal |
| 24809 NEPTUNE AVE | 27 | 100% | 5.48 | 10.4 | 8.415 | 8.63 | 1.302 | -0.642 | 0.155 | Normal |
| 24809 PANAMA AVE | 36 | 100% | 7.34 | 21.8 | 9.984 | 9.085 | 2.938 | 2.603 | 0.294 | -- |
| 24812 PANAMA AVE | 29 | 100% | 5.31 | 13.8 | 7.866 | 7.36 | 2.088 | 1.15 | 0.265 | Lognormal |
| 24813 PANAMA AVE | 15 | 100% | 6.84 | 30.1 | 13.04 | 9.5 | 7.832 | 1.398 | 0.601 | -- |
| 24815 NEPTUNE AVE | 30 | 100% | 4.84 | 23.1 | 11.1 | 9.79 | 4.463 | 1.582 | 0.402 | -- |
| 24818 PANAMA AVE | 34 | 100% | 4.94 | 17.6 | 7.846 | 7.175 | 2.43 | 2.277 | 0.31 | -- |
| 24819 PANAMA AVE | 34 | 100% | 6.98 | 51.7 | 10.35 | 8.385 | 7.719 | 5.012 | 0.746 | -- |
| 24822 PANAMA AVE | 43 | 100% | 5.65 | 74.9 | 9.924 | 7.7 | 10.4 | 6.076 | 1.048 | -- |
| 24823 PANAMA AVE | 39 | 100% | 6.42 | 15.7 | 9.522 | 9.01 | 2.138 | 1.073 | 0.224 | Lognormal |
| 24825 NEPTUNE AVE | 98 | 100% | 6.07 | 24.9 | 9.136 | 8.7 | 2.576 | 2.936 | 0.282 | -- |
| 24828 PANAMA AVE | 36 | 100% | 5.04 | 17.5 | 8.29 | 7.575 | 2.913 | 1.673 | 0.351 | Lognormal |
| 24829 PANAMA AVE | 48 | 100% | 6.42 | 18.1 | 8.897 | 8.895 | 1.877 | 2.573 | 0.211 | Lognormal |
| 24832 PANAMA AVE | 38 | 100% | 5.89 | 19.7 | 8.714 | 8.405 | 2.504 | 2.429 | 0.287 | Lognormal |
| 24833 PANAMA AVE | 43 | 100% | 5.88 | 23.2 | 9.112 | 8.78 | 2.722 | 3.569 | 0.299 | -- |
| 24838 PANAMA AVE | 28 | 100% | 6.29 | 18.6 | 9.095 | 8.435 | 2.447 | 2.297 | 0.269 | Lognormal |
| 24904 NEPTUNE AVE | 74 | 100% | 2.9 | 17.2 | 9.065 | 8.68 | 1.758 | 1.215 | 0.194 | -- |
| 24912 NEPTUNE AVE | 36 | 100% | 5.99 | 18.2 | 8.658 | 7.97 | 2.507 | 2.041 | 0.29 | -- |
| 301 244TH ST | 29 | 100% | 7.81 | 37.7 | 18.65 | 17 | 7.083 | 1.161 | 0.38 | Lognormal |
| 305 244TH ST | 54 | 100% | 6.36 | 78.3 | 19.04 | 17.7 | 11.43 | 3.174 | 0.6 | -- |
| 311 244TH ST | 71 | 100% | 8.57 | 115 | 25.05 | 22.1 | 16.2 | 3.721 | 0.647 | -- |
| 317 244TH ST | 58 | 100% | 11.2 | 35.4 | 21.63 | 22.65 | 5.56 | 0.0706 | 0.257 | Normal |
| 321 244TH ST | 40 | 100% | 12.3 | 58.1 | 24.95 | 23.35 | 9.073 | 1.53 | 0.364 | Lognormal |
| 327 244TH ST | 12 | 100% | 16.5 | 27.9 | 20.57 | 19 | 4.026 | 0.927 | 0.196 | Normal |
| 331 244TH ST | 28 | 100% | 8.13 | 38.3 | 21.43 | 20.8 | 5.98 | 0.593 | 0.279 | Normal |
| 337 244TH ST | 34 | 100% | 7.98 | 37.7 | 18.45 | 18.85 | 6.016 | 0.672 | 0.326 | Normal |
| 341 244TH ST | 48 | 100% | 10.8 | 34.4 | 19.34 | 20.25 | 5.184 | 0.23 | 0.268 | Normal |
| 344 249TH ST | 35 | 100% | 6.12 | 22.4 | 9.944 | 9.76 | 2.961 | 2.673 | 0.298 | -- |
| 345 249TH ST | 93 | 100% | 5.9 | 26.6 | 9.869 | 9.3 | 3.001 | 3.634 | 0.304 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.5**
**Summary of Descriptive Statistics for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 347 244TH ST | 32 | 100% | 9.65 | 35.2 | 19 | 19.2 | 6.259 | 0.451 | 0.329 | Normal |
| 348 248TH ST | 49 | 100% | 5.61 | 12.2 | 8.698 | 8.68 | 1.657 | 0.128 | 0.191 | Normal |
| 348 249TH ST | 51 | 100% | 6.34 | 31.7 | 9.576 | 8.85 | 3.495 | 5.259 | 0.365 | -- |
| 351 244TH ST | 32 | 100% | 10 | 24.7 | 16.9 | 16.95 | 4.375 | 0.0983 | 0.259 | Normal |
| 352 249TH ST | 32 | 100% | 6.05 | 17.8 | 9.148 | 8.25 | 2.679 | 1.598 | 0.293 | -- |
| 353 249TH ST | 32 | 100% | 6.09 | 13.3 | 9.486 | 9.42 | 1.677 | 0.185 | 0.177 | Normal |
| 354 248TH ST | 39 | 100% | 7.49 | 27.4 | 9.941 | 8.52 | 3.719 | 3.238 | 0.374 | -- |
| 357 244TH ST | 40 | 100% | 9.3 | 37.2 | 16.69 | 16.55 | 5.174 | 1.443 | 0.31 | -- |
| 357 249TH ST | 24 | 100% | 7 | 12.6 | 9.69 | 9.665 | 1.578 | 0.296 | 0.163 | Normal |
| 358 249TH ST | 43 | 100% | 4 | 11.5 | 7.627 | 7.63 | 1.747 | -0.0019 | 0.229 | Normal |
| 360 248TH ST | 48 | 100% | 5.81 | 17.8 | 8.855 | 8.715 | 1.559 | 4.028 | 0.176 | -- |
| 361 244TH ST | 23 | 100% | 8.28 | 29.7 | 17.56 | 17.3 | 5.291 | 0.335 | 0.301 | Normal |
| 362 249TH ST | 25 | 100% | 5.72 | 14.7 | 8.847 | 8.56 | 2.19 | 0.838 | 0.248 | Normal |
| 363 249TH ST | 27 | 100% | 7.49 | 36.3 | 14.45 | 9.51 | 8.868 | 1.324 | 0.613 | -- |
| 364 248TH ST | 48 | 100% | 6.68 | 158 | 18.83 | 10.01 | 28.07 | 3.807 | 1.491 | -- |
| 367 244TH ST | 13 | 100% | 7.47 | 35.2 | 18.12 | 16.9 | 6.961 | 0.867 | 0.384 | Normal |
| 367 249TH ST | 46 | 100% | 2.88 | 12.8 | 8.939 | 8.72 | 1.939 | -0.528 | 0.217 | -- |
| 368 249TH ST | 55 | 100% | 5.49 | 13.9 | 8.571 | 8.38 | 1.923 | 0.938 | 0.224 | Lognormal |
| 373 249TH ST | 42 | 100% | 6.63 | 23.3 | 9.789 | 8.435 | 4.02 | 2.064 | 0.411 | -- |
| 374 248TH ST | 120 | 100% | 2.42 | 40.6 | 10.01 | 8.9 | 4.591 | 4.042 | 0.459 | -- |
| 374 249TH ST | 27 | 100% | 5.16 | 14.1 | 8.9 | 8.33 | 2.128 | 0.948 | 0.239 | Normal |
| 377 244TH ST | 32 | 100% | 12.2 | 30.3 | 19.59 | 19.15 | 3.922 | 0.904 | 0.2 | Normal |
| 377 249TH ST | 33 | 100% | 4.7 | 17.9 | 8.587 | 7.83 | 2.499 | 1.976 | 0.291 | -- |
| 378 249TH ST | 41 | 100% | 5.04 | 12.9 | 8.801 | 8.31 | 1.815 | 0.41 | 0.206 | -- |
| 383 249TH ST | 32 | 100% | 5.87 | 20 | 9.023 | 7.965 | 3.189 | 2.144 | 0.353 | -- |
| 402 249TH ST | 32 | 100% | 6.49 | 17.2 | 9.508 | 9.08 | 2.33 | 1.198 | 0.245 | Normal |
| 408 249TH ST | 24 | 100% | 5.93 | 45.9 | 13.8 | 9.555 | 10.61 | 2.266 | 0.769 | -- |
| 412 249TH ST | 77 | 100% | 3.71 | 29.8 | 10.11 | 8.57 | 5.542 | 2.314 | 0.548 | -- |
| 24703 PANAMA AVE | 62 | 100% | 6.04 | 20.3 | 10.92 | 10.4 | 3.026 | 0.795 | 0.277 | Normal |
| 24808 PANAMA AVE | 20 | 100% | 4.48 | 17.5 | 8.871 | 8.13 | 3.286 | 0.93 | 0.37 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.6**
**Summary of Descriptive Statistics for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24401 MARBELLA AVE | 33 | 100% | 4.17 | 87 | 11.51 | 8.22 | 14.13 | 5.089 | 1.228 | -- |
| 24402 NEPTUNE AVE | 48 | 100% | 4.9 | 24.6 | 8.432 | 7.915 | 2.94 | 3.63 | 0.349 | Lognormal |
| 24402 PANAMA AVE | 127 | 100% | 3.3 | 50.1 | 9.056 | 8 | 5.822 | 4.168 | 0.643 | -- |
| 24402 RAVENNA AVE | 40 | 100% | 4.5 | 38 | 9.567 | 7.215 | 7.28 | 2.891 | 0.761 | -- |
| 24403 NEPTUNE AVE | 46 | 100% | 4.48 | 35 | 9.872 | 8.245 | 5.953 | 2.619 | 0.603 | -- |
| 24403 RAVENNA AVE | 62 | 100% | 5.02 | 43.6 | 11.26 | 9.655 | 5.822 | 3.472 | 0.517 | -- |
| 24405 MARBELLA AVE | 25 | 100% | 6.65 | 16 | 11.14 | 10.9 | 2.375 | 0.228 | 0.213 | Normal |
| 24406 MARBELLA AVE | 40 | 100% | 1.91 | 30.8 | 7.519 | 5.835 | 6.132 | 2.413 | 0.816 | -- |
| 24406 NEPTUNE AVE | 28 | 100% | 4.35 | 62.7 | 11.16 | 7.27 | 13.48 | 3.47 | 1.208 | -- |
| 24406 PANAMA AVE | 23 | 100% | 2.52 | 58.7 | 15.94 | 9.53 | 16.29 | 1.56 | 1.022 | Lognormal |
| 24406 RAVENNA AVE | 26 | 100% | 5.6 | 27.2 | 10.22 | 8.155 | 5.646 | 2.096 | 0.552 | -- |
| 24409 NEPTUNE AVE | 24 | 100% | 5.99 | 72.5 | 17.03 | 9.785 | 17.27 | 2.545 | 1.014 | -- |
| 24409 RAVENNA AVE | 33 | 100% | 5.37 | 177 | 14.55 | 7.15 | 30.19 | 5.221 | 2.074 | -- |
| 24410 PANAMA AVE | 33 | 100% | 2.21 | 35.9 | 10.4 | 7.38 | 8.093 | 1.849 | 0.778 | Lognormal |
| 24411 MARBELLA AVE | 69 | 100% | 2.11 | 88.5 | 9.186 | 6.3 | 11.52 | 5.403 | 1.254 | -- |
| 24411 PANAMA AVE | 37 | 100% | 4.28 | 81.9 | 16.4 | 9.96 | 18.59 | 2.761 | 1.133 | -- |
| 24412 MARBELLA AVE | 31 | 100% | 6.33 | 87 | 17.87 | 9.88 | 20.04 | 2.565 | 1.121 | -- |
| 24412 RAVENNA AVE | 61 | 100% | 4.95 | 39.5 | 8.497 | 7.5 | 4.588 | 5.388 | 0.54 | -- |
| 24413 NEPTUNE AVE | 24 | 100% | 5.88 | 59.1 | 12.02 | 8.435 | 11.46 | 3.487 | 0.954 | -- |
| 24413 RAVENNA AVE | 28 | 100% | 3.63 | 83.5 | 13.72 | 7.475 | 17.21 | 3.161 | 1.255 | -- |
| 24416 MARBELLA AVE | 50 | 98% | 1.57 | 115 | 8.471 | 4.51 | 16.38 | 6.017 | 1.933 | -- |
| 24416 NEPTUNE AVE | 21 | 100% | 5.93 | 100 | 13.45 | 8.46 | 19.99 | 4.465 | 1.487 | -- |
| 24416 PANAMA AVE | 33 | 100% | 1.02 | 32.3 | 9.318 | 6.21 | 8.336 | 1.673 | 0.895 | Lognormal |
| 24416 RAVENNA AVE | 42 | 100% | 3.94 | 64.4 | 8.768 | 6.975 | 9.219 | 5.645 | 1.051 | -- |
| 24417 MARBELLA AVE | 8 | 100% | 4.5 | 22.4 | 9.354 | 8.24 | 5.531 | 2.308 | 0.591 | Lognormal |
| 24417 PANAMA AVE | 47 | 100% | 5.41 | 32.4 | 11.5 | 9.33 | 6.799 | 2.089 | 0.591 | -- |
| 24419 NEPTUNE AVE | 32 | 100% | 5.57 | 39.5 | 11.48 | 8.165 | 8.504 | 2.484 | 0.741 | -- |
| 24419 RAVENNA AVE | 32 | 100% | 2.54 | 29.1 | 7.938 | 6.76 | 5.377 | 3.141 | 0.677 | -- |
| 24420 PANAMA AVE | 33 | 100% | 2.54 | 89.5 | 11.17 | 8.37 | 15.18 | 4.621 | 1.359 | Lognormal |
| 24421 PANAMA AVE | 30 | 100% | 3.76 | 39.6 | 9.388 | 8.13 | 6.41 | 3.836 | 0.683 | -- |
| 24422 MARBELLA AVE | 43 | 100% | 1.22 | 39.7 | 6.905 | 5.49 | 6.342 | 3.6 | 0.918 | Lognormal |
| 24422 NEPTUNE AVE | 36 | 100% | 5.07 | 51.4 | 10.37 | 7.81 | 8.478 | 3.846 | 0.818 | -- |
| 24422 RAVENNA AVE | 29 | 100% | 6.61 | 20.2 | 9.703 | 9.06 | 3.001 | 2.179 | 0.309 | -- |
| 24423 MARBELLA AVE | 13 | 100% | 5.07 | 63.5 | 11.8 | 7.33 | 15.61 | 3.543 | 1.323 | -- |
| 24423 NEPTUNE AVE | 37 | 100% | 1.75 | 18.4 | 6.042 | 4.98 | 3.535 | 2.008 | 0.585 | Lognormal |
| 24423 RAVENNA AVE | 40 | 100% | 3.15 | 14.5 | 6.497 | 6.01 | 2.52 | 1.214 | 0.388 | Lognormal |
| 24426 MARBELLA AVE | 24 | 100% | 2.35 | 59.4 | 11.35 | 5.905 | 12.51 | 2.765 | 1.102 | Lognormal |
| 24426 NEPTUNE AVE | 30 | 100% | 4.44 | 20.8 | 8.466 | 6.825 | 4.226 | 1.673 | 0.499 | -- |
| 24426 PANAMA AVE | 30 | 100% | 2.13 | 40.4 | 8.703 | 7.39 | 6.929 | 3.492 | 0.796 | Lognormal |
| 24426 RAVENNA AVE | 49 | 100% | 4.22 | 49.1 | 10.79 | 8.01 | 7.384 | 3.238 | 0.685 | -- |
| 24427 MARBELLA AVE | 25 | 100% | 3.95 | 18.5 | 8.595 | 8.15 | 3.375 | 0.991 | 0.393 | Normal |
| 24427 PANAMA AVE | 38 | 100% | 5.13 | 81.8 | 11.72 | 8.05 | 13.11 | 4.579 | 1.118 | -- |
| 24429 NEPTUNE AVE | 19 | 100% | 5.33 | 21.1 | 9.175 | 7.59 | 4.324 | 1.555 | 0.471 | -- |
| 24429 RAVENNA AVE | 29 | 100% | 1.47 | 23.5 | 8.218 | 6.13 | 5.377 | 1.331 | 0.654 | Lognormal |
| 24430 PANAMA AVE | 30 | 100% | 1.08 | 66.8 | 9.567 | 5.755 | 12.44 | 3.702 | 1.301 | -- |
| 24431 PANAMA AVE | 35 | 100% | 3.6 | 36.4 | 8.413 | 5.09 | 7.638 | 2.604 | 0.908 | -- |
| 24432 MARBELLA AVE | 67 | 100% | 4.83 | 24.3 | 10.61 | 9.12 | 4.875 | 1.414 | 0.46 | -- |
| 24433 MARBELLA AVE | 27 | 100% | 4.07 | 307 | 19.5 | 7.41 | 57.59 | 5.158 | 2.954 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.6**
**Summary of Descriptive Statistics for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24436 PANAMA AVE | 35 | 100% | 0.87 | 17.5 | 5.547 | 5.44 | 3.65 | 1.882 | 0.658 | -- |
| 24502 MARBELLA AVE | 51 | 100% | 3.28 | 1330 | 35.06 | 7.59 | 185 | 7.13 | 5.278 | -- |
| 24502 NEPTUNE AVE | 58 | 100% | 2.55 | 29.8 | 6.091 | 5.16 | 4.313 | 3.887 | 0.708 | -- |
| 24502 PANAMA AVE | 48 | 100% | 0.31 | 12.5 | 4.975 | 4.94 | 2.796 | 0.416 | 0.562 | Normal |
| 24502 RAVENNA AVE | 44 | 100% | 4.18 | 33 | 9.609 | 7.965 | 5.712 | 2.549 | 0.594 | -- |
| 24503 MARBELLA AVE | 29 | 100% | 5.83 | 19 | 8.593 | 7.74 | 2.631 | 2.507 | 0.306 | -- |
| 24503 NEPTUNE AVE | 60 | 100% | 3.91 | 21.9 | 8.971 | 7.785 | 3.956 | 1.608 | 0.441 | -- |
| 24503 PANAMA AVE | 28 | 100% | 3.73 | 32.5 | 7.411 | 6.06 | 5.442 | 3.909 | 0.734 | -- |
| 24503 RAVENNA AVE | 34 | 100% | 3.85 | 14.1 | 7.145 | 6.565 | 2.51 | 0.944 | 0.351 | Lognormal |
| 24506 MARBELLA AVE | 36 | 100% | 5.08 | 60 | 11.86 | 9.38 | 9.455 | 4.119 | 0.797 | -- |
| 24507 MARBELLA AVE | 36 | 100% | 5.35 | 21.3 | 9.264 | 8.07 | 2.968 | 2.09 | 0.32 | -- |
| 24508 NEPTUNE AVE | 40 | 100% | 4.94 | 35.5 | 8.621 | 6.92 | 5.074 | 4.063 | 0.589 | -- |
| 24508 PANAMA AVE | 24 | 88% | 0.37 | 12.9 | 6.054 | 5.76 | 2.776 | 0.365 | 0.459 | -- |
| 24508 RAVENNA AVE | 39 | 100% | 2.7 | 52.8 | 8.27 | 5.82 | 8.7 | 4.179 | 1.052 | -- |
| 24509 NEPTUNE AVE | 31 | 100% | 5.2 | 32.1 | 10.39 | 7.97 | 6.044 | 2.323 | 0.582 | -- |
| 24509 PANAMA AVE | 47 | 100% | 4.11 | 48.4 | 9.647 | 7.65 | 7.123 | 3.997 | 0.738 | -- |
| 24509 RAVENNA AVE | 37 | 100% | 4.27 | 73.4 | 11.81 | 7.09 | 13.57 | 3.375 | 1.149 | -- |
| 24512 MARBELLA AVE | 48 | 100% | 3.6 | 31.8 | 8.149 | 6.75 | 4.627 | 3.222 | 0.568 | -- |
| 24512 NEPTUNE AVE | 36 | 100% | 3.52 | 18.5 | 6.41 | 5.44 | 3.271 | 2.472 | 0.51 | -- |
| 24512 PANAMA AVE | 28 | 82% | 0.51 | 15.1 | 5.771 | 5.7 | 2.957 | 1.281 | 0.512 | -- |
| 24512 RAVENNA AVE | 56 | 100% | 2.67 | 53.6 | 8.206 | 7.25 | 6.732 | 5.828 | 0.82 | -- |
| 24513 NEPTUNE AVE | 37 | 100% | 3.47 | 18.2 | 7.465 | 7.13 | 2.766 | 1.735 | 0.371 | Lognormal |
| 24513 PANAMA AVE | 51 | 100% | 3.3 | 20.5 | 6.729 | 5.87 | 3.432 | 2.076 | 0.51 | Lognormal |
| 24513 RAVENNA AVE | 30 | 100% | 3.14 | 26.7 | 7.81 | 6.42 | 5.391 | 2.472 | 0.69 | -- |
| 24516 MARBELLA AVE | 30 | 100% | 4.69 | 17 | 8.912 | 7.435 | 3.861 | 1.082 | 0.433 | -- |
| 24517 MARBELLA AVE | 12 | 100% | 4.67 | 19.6 | 9.514 | 7.195 | 5.148 | 1.276 | 0.541 | Lognormal |
| 24518 NEPTUNE AVE | 45 | 100% | 3.89 | 72.2 | 8.871 | 6.14 | 10.45 | 5.428 | 1.178 | -- |
| 24518 PANAMA AVE | 42 | 86% | 0.41 | 96 | 8.257 | 3.88 | 15.84 | 5.161 | 1.918 | -- |
| 24518 RAVENNA AVE | 30 | 100% | 3.72 | 20.8 | 7.59 | 6.415 | 4.439 | 1.834 | 0.585 | -- |
| 24519 NEPTUNE AVE | 35 | 100% | 4.06 | 18.7 | 8.316 | 6.69 | 3.672 | 1.33 | 0.442 | -- |
| 24519 PANAMA AVE | 30 | 93% | 3.73 | 34.3 | 9.781 | 7.185 | 7.667 | 2.419 | 0.784 | -- |
| 24522 MARBELLA AVE | 27 | 100% | 1.1 | 15.1 | 6.234 | 6.17 | 3.354 | 0.585 | 0.538 | Normal |
| 24522 NEPTUNE AVE | 28 | 100% | 3.81 | 22 | 7.331 | 5.615 | 4.62 | 2.238 | 0.63 | -- |
| 24522 PANAMA AVE | 36 | 97% | 0.3 | 26.6 | 5.383 | 4.89 | 4.557 | 3.067 | 0.847 | -- |
| 24522 RAVENNA AVE | 35 | 97% | 0.79 | 16.9 | 6.405 | 6.445 | 2.949 | 1.234 | 0.46 | Normal |
| 24523 MARBELLA AVE | 45 | 100% | 3.44 | 148 | 14.78 | 8.09 | 23.61 | 4.679 | 1.597 | -- |
| 24523 NEPTUNE AVE | 37 | 100% | 4.75 | 21.6 | 8.916 | 6.73 | 4.527 | 1.367 | 0.508 | -- |
| 24523 RAVENNA AVE | 17 | 100% | 3.23 | 28.5 | 9.909 | 6.85 | 6.981 | 1.591 | 0.705 | Lognormal |
| 24526 MARBELLA AVE | 36 | 100% | 2.34 | 12.1 | 6.245 | 6.005 | 2.275 | 0.501 | 0.364 | Normal |
| 24528 NEPTUNE AVE | 31 | 100% | 1.41 | 15.1 | 5.88 | 5.36 | 3.188 | 1.252 | 0.542 | Lognormal |
| 24528 PANAMA AVE | 39 | 100% | 0.96 | 31.2 | 6.037 | 4.35 | 6.12 | 2.551 | 1.014 | Lognormal |
| 24529 NEPTUNE AVE | 32 | 100% | 3.39 | 29.9 | 7.983 | 6.57 | 4.978 | 3.025 | 0.624 | Lognormal |
| 24529 PANAMA AVE | 24 | 100% | 0.51 | 14.5 | 4.971 | 4.815 | 3.056 | 1.717 | 0.615 | -- |
| 24529 RAVENNA AVE | 26 | 100% | 0.67 | 39.6 | 8.215 | 3.765 | 9.888 | 2.095 | 1.204 | Lognormal |
| 24532 MARBELLA AVE | 27 | 100% | 1.38 | 22.7 | 6.559 | 5.09 | 4.62 | 1.97 | 0.704 | Lognormal |
| 24532 NEPTUNE AVE | 21 | 100% | 2.31 | 51.7 | 15.2 | 10.8 | 14.48 | 1.292 | 0.953 | Lognormal |
| 24532 PANAMA AVE | 23 | 100% | 2.41 | 67.7 | 10.27 | 6.12 | 13.43 | 3.863 | 1.308 | Lognormal |
| 24532 RAVENNA AVE | 29 | 100% | 0.77 | 11.3 | 4.618 | 4.78 | 2.414 | 0.761 | 0.523 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.6**
**Summary of Descriptive Statistics for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24533 MARBELLA AVE | 25 | 100% | 4.13 | 31 | 10.9 | 7.9 | 7.098 | 1.882 | 0.651 | -- |
| 24533 PANAMA AVE | 29 | 97% | 0.23 | 22.2 | 5.766 | 4.92 | 4.465 | 2.243 | 0.774 | -- |
| 24533 RAVENNA AVE | 52 | 100% | 1.02 | 20.6 | 4.928 | 4.845 | 2.916 | 3.193 | 0.592 | -- |
| 24602 MARBELLA AVE | 34 | 100% | 2.89 | 26.2 | 10.27 | 9.3 | 5.248 | 1.563 | 0.511 | -- |
| 24602 NEPTUNE AVE | 33 | 100% | 1.59 | 21 | 5.937 | 4.85 | 3.843 | 2.287 | 0.647 | Lognormal |
| 24602 PANAMA AVE | 40 | 100% | 0.94 | 76 | 11.37 | 4.06 | 17.69 | 2.744 | 1.555 | -- |
| 24602 RAVENNA AVE | 28 | 100% | 1.8 | 42 | 6.685 | 5.01 | 7.509 | 4.194 | 1.123 | -- |
| 24603 MARBELLA AVE | 26 | 100% | 4.25 | 32 | 11.19 | 8.21 | 7.11 | 1.593 | 0.635 | Lognormal |
| 24603 NEPTUNE AVE | 49 | 100% | 1.51 | 16.1 | 6.195 | 5.58 | 3.068 | 1.329 | 0.495 | Lognormal |
| 24603 PANAMA AVE | 30 | 100% | 5.23 | 44.4 | 9.324 | 7.385 | 7.547 | 4.006 | 0.809 | -- |
| 24603 RAVENNA AVE | 31 | 100% | 1.78 | 73.8 | 7.075 | 4.47 | 12.95 | 4.935 | 1.831 | -- |
| 24606 MARBELLA AVE | 63 | 100% | 1.58 | 22 | 6.38 | 5.67 | 3.726 | 1.657 | 0.584 | Lognormal |
| 24607 MARBELLA AVE | 31 | 100% | 1.3 | 29.4 | 8.573 | 7.13 | 5.267 | 2.467 | 0.614 | -- |
| 24608 NEPTUNE AVE | 37 | 100% | 1.94 | 76.2 | 12.97 | 5.07 | 16.92 | 2.251 | 1.304 | -- |
| 24608 PANAMA AVE | 22 | 100% | 2.15 | 330 | 26.96 | 7.52 | 69.24 | 4.379 | 2.568 | -- |
| 24608 RAVENNA AVE | 40 | 100% | 1.17 | 58.7 | 9.969 | 5.19 | 12.02 | 2.685 | 1.206 | Lognormal |
| 24609 NEPTUNE AVE | 30 | 100% | 1.68 | 14.9 | 6.652 | 5.6 | 3.371 | 1.279 | 0.507 | Lognormal |
| 24609 PANAMA AVE | 34 | 100% | 2.25 | 46.8 | 9.226 | 5.885 | 8.955 | 2.9 | 0.971 | -- |
| 24609 RAVENNA AVE | 45 | 100% | 1.46 | 16.1 | 5.363 | 4.95 | 2.451 | 2.317 | 0.457 | Lognormal |
| 24612 MARBELLA AVE | 51 | 100% | 2.7 | 144 | 9.61 | 6.54 | 19.44 | 6.869 | 2.023 | -- |
| 24612 NEPTUNE AVE | 47 | 100% | 2 | 17.2 | 5.822 | 5.07 | 2.945 | 2.226 | 0.506 | Lognormal |
| 24612 PANAMA AVE | 33 | 100% | 3.39 | 74.3 | 10.11 | 5.47 | 12.91 | 4.164 | 1.277 | -- |
| 24612 RAVENNA AVE | 46 | 100% | 2.74 | 141 | 13.34 | 7.03 | 22.69 | 4.583 | 1.701 | -- |
| 24613 MARBELLA AVE | 52 | 100% | 5.57 | 14.9 | 8.73 | 8.245 | 2.002 | 0.995 | 0.229 | Lognormal |
| 24613 NEPTUNE AVE | 39 | 100% | 3.89 | 18.9 | 7.451 | 5.86 | 3.783 | 1.798 | 0.508 | -- |
| 24613 PANAMA AVE | 51 | 100% | 3.4 | 221 | 18.85 | 9.38 | 35.8 | 4.505 | 1.899 | -- |
| 24613 RAVENNA AVE | 33 | 100% | 3.92 | 13.7 | 5.893 | 5.05 | 2.345 | 1.936 | 0.398 | -- |
| 24616 MARBELLA AVE | 46 | 100% | 1.24 | 21 | 7.309 | 6.45 | 4.419 | 1.333 | 0.605 | Lognormal |
| 24617 MARBELLA AVE | 34 | 100% | 3.14 | 20.1 | 8.415 | 7.335 | 3.697 | 1.447 | 0.439 | Lognormal |
| 24618 NEPTUNE AVE | 26 | 100% | 4.87 | 20.3 | 8.96 | 7.09 | 4.606 | 1.464 | 0.514 | -- |
| 24618 PANAMA AVE | 28 | 100% | 3.08 | 62 | 13.67 | 7.535 | 14.53 | 2.301 | 1.063 | Lognormal |
| 24618 RAVENNA AVE | 40 | 100% | 2.51 | 10.4 | 3.85 | 3.45 | 1.503 | 2.78 | 0.39 | -- |
| 24619 NEPTUNE AVE | 28 | 100% | 4.37 | 30.9 | 8.151 | 7.185 | 4.898 | 3.964 | 0.601 | -- |
| 24619 PANAMA AVE | 38 | 100% | 2.91 | 36.2 | 11.56 | 7.52 | 9.002 | 1.517 | 0.779 | -- |
| 24619 RAVENNA AVE | 35 | 100% | 3.48 | 15.7 | 5.575 | 5.04 | 2.559 | 2.881 | 0.459 | -- |
| 24622 MARBELLA AVE | 53 | 100% | 0.85 | 41.1 | 8.812 | 7.02 | 6.683 | 2.547 | 0.758 | Lognormal |
| 24622 NEPTUNE AVE | 34 | 100% | 3.36 | 50.6 | 7.34 | 5.34 | 8.154 | 4.829 | 1.111 | -- |
| 24623 MARBELLA AVE | 32 | 100% | 3.79 | 23.1 | 8.476 | 7.005 | 4.392 | 1.788 | 0.518 | -- |
| 24623 NEPTUNE AVE | 36 | 100% | 4.04 | 34.3 | 8.873 | 6.545 | 6.852 | 2.829 | 0.772 | -- |
| 24627 MARBELLA AVE | 48 | 100% | 2.8 | 26.3 | 9.159 | 8.365 | 4.696 | 1.719 | 0.513 | Lognormal |
| 24628 MARBELLA AVE | 52 | 100% | 0.48 | 45 | 10.1 | 8.07 | 9.144 | 2.141 | 0.906 | -- |
| 24628 NEPTUNE AVE | 18 | 100% | 3.49 | 27.5 | 7.201 | 6.55 | 5.313 | 3.602 | 0.738 | -- |
| 24629 NEPTUNE AVE | 39 | 100% | 4.17 | 20 | 8.395 | 7 | 4.279 | 1.637 | 0.51 | -- |
| 24632 NEPTUNE AVE | 20 | 100% | 5.06 | 30.1 | 8.921 | 6.275 | 6.811 | 2.488 | 0.763 | -- |
| 24633 MARBELLA AVE | 40 | 100% | 2.3 | 390 | 20.24 | 8.42 | 60.73 | 6.089 | 3 | -- |
| 24700 MARBELLA AVE | 46 | 100% | 1.27 | 49.4 | 9.349 | 7.03 | 8.754 | 3.328 | 0.936 | -- |
| 24700 RAVENNA AVE | 56 | 100% | 2.98 | 77 | 8.44 | 4.97 | 13 | 4.834 | 1.54 | -- |
| 24702 NEPTUNE AVE | 46 | 100% | 4.47 | 50.1 | 8.994 | 6.99 | 6.954 | 4.862 | 0.773 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.6**
**Summary of Descriptive Statistics for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24702 PANAMA AVE | 30 | 100% | 4.24 | 156 | 24.47 | 11.6 | 31.7 | 2.858 | 1.296 | -- |
| 24703 MARBELLA AVE | 36 | 100% | 2.15 | 59.8 | 10.4 | 7.215 | 11.01 | 3.056 | 1.059 | Lognormal |
| 24703 NEPTUNE AVE | 39 | 100% | 4.21 | 29.3 | 8.672 | 7 | 5.333 | 2.714 | 0.615 | -- |
| 24703 RAVENNA AVE | 53 | 100% | 3.6 | 36.3 | 7.292 | 6.03 | 4.727 | 4.773 | 0.648 | -- |
| 24706 MARBELLA AVE | 43 | 100% | 2.55 | 18.2 | 8.076 | 7.6 | 3.442 | 0.853 | 0.426 | Normal |
| 24706 RAVENNA AVE | 33 | 100% | 3.74 | 65 | 14.54 | 7.74 | 15.44 | 2.022 | 1.062 | -- |
| 24707 MARBELLA AVE | 37 | 100% | 2.99 | 29.9 | 7.672 | 5.42 | 6.218 | 2.166 | 0.81 | -- |
| 24708 PANAMA AVE | 37 | 100% | 3.43 | 108 | 16.7 | 11.6 | 20.54 | 3.358 | 1.23 | Lognormal |
| 24709 NEPTUNE AVE | 37 | 100% | 3.38 | 24.9 | 9.554 | 6.96 | 5.429 | 1.27 | 0.568 | -- |
| 24709 PANAMA AVE | 43 | 100% | 1.6 | 68.2 | 15.28 | 8.1 | 16.4 | 1.794 | 1.073 | -- |
| 24709 RAVENNA AVE | 52 | 100% | 3.77 | 27.9 | 7.153 | 5.495 | 4.403 | 2.68 | 0.616 | -- |
| 24710 MARBELLA AVE | 43 | 100% | 1.61 | 140 | 10.11 | 6.06 | 20.69 | 6.171 | 2.046 | -- |
| 24712 NEPTUNE AVE | 32 | 100% | 2.78 | 37.3 | 6.273 | 4.625 | 6.062 | 4.665 | 0.966 | -- |
| 24712 PANAMA AVE | 27 | 100% | 4.48 | 220 | 20.84 | 9.17 | 41.53 | 4.607 | 1.993 | -- |
| 24712 RAVENNA AVE | 45 | 100% | 3.62 | 146 | 13.02 | 7.59 | 22.86 | 5.1 | 1.756 | -- |
| 24713 MARBELLA AVE | 37 | 100% | 1.6 | 12 | 5.017 | 4.16 | 2.945 | 0.924 | 0.587 | Lognormal |
| 24713 PANAMA AVE | 34 | 100% | 3.1 | 209 | 20.68 | 9.7 | 36.07 | 4.649 | 1.744 | -- |
| 24713 RAVENNA AVE | 35 | 100% | 2.49 | 21.8 | 4.741 | 4.03 | 3.316 | 4.309 | 0.699 | -- |
| 24715 NEPTUNE AVE | 37 | 100% | 3.31 | 34.7 | 8.541 | 7.06 | 5.809 | 3.174 | 0.68 | -- |
| 24716 MARBELLA AVE | 30 | 100% | 3.11 | 32.6 | 8.19 | 7.34 | 6.093 | 2.737 | 0.744 | -- |
| 24716 RAVENNA AVE | 15 | 100% | 2.31 | 21 | 8.695 | 7.65 | 5.989 | 0.653 | 0.689 | Normal |
| 24717 MARBELLA AVE | 38 | 100% | 2.6 | 12.1 | 5.724 | 5.05 | 2.515 | 0.964 | 0.439 | Lognormal |
| 24718 NEPTUNE AVE | 65 | 100% | 3.05 | 17.3 | 4.92 | 4.33 | 2.161 | 3.448 | 0.439 | -- |
| 24718 PANAMA AVE | 33 | 100% | 3.95 | 91 | 15.67 | 10.5 | 16.03 | 3.538 | 1.023 | Lognormal |
| 24719 NEPTUNE AVE | 33 | 100% | 2.15 | 65.5 | 15.05 | 7.57 | 15.35 | 1.999 | 1.02 | -- |
| 24719 PANAMA AVE | 28 | 100% | 4.19 | 146 | 18.2 | 9.225 | 27.47 | 4.065 | 1.509 | -- |
| 24719 RAVENNA AVE | 45 | 100% | 3.26 | 82.8 | 8.038 | 5.2 | 12.22 | 5.586 | 1.521 | -- |
| 24722 MARBELLA AVE | 34 | 100% | 2.6 | 17.9 | 7.246 | 5.42 | 3.982 | 1.085 | 0.55 | Lognormal |
| 24722 NEPTUNE AVE | 40 | 100% | 0.44 | 18.6 | 5.741 | 4.395 | 3.771 | 2.166 | 0.657 | -- |
| 24722 PANAMA AVE | 18 | 100% | 2.26 | 27.8 | 8.758 | 6.415 | 6.549 | 1.58 | 0.748 | Lognormal |
| 24722 RAVENNA AVE | 41 | 100% | 3.1 | 105 | 15.16 | 7.09 | 21.59 | 3.09 | 1.424 | -- |
| 24723 MARBELLA AVE | 22 | 100% | 1.08 | 23.1 | 6.386 | 5.205 | 4.86 | 2.263 | 0.761 | Lognormal |
| 24723 RAVENNA AVE | 37 | 100% | 3.05 | 43.1 | 8.319 | 5.01 | 8.381 | 3.003 | 1.007 | -- |
| 24725 NEPTUNE AVE | 35 | 100% | 2.95 | 111 | 9.84 | 4.67 | 18.26 | 5.298 | 1.856 | -- |
| 24726 MARBELLA AVE | 49 | 100% | 0.71 | 28.2 | 7.386 | 6.22 | 4.32 | 2.386 | 0.585 | -- |
| 24726 RAVENNA AVE | 37 | 100% | 1.73 | 17 | 4.863 | 3.62 | 3.555 | 2.124 | 0.731 | -- |
| 24727 MARBELLA AVE | 40 | 100% | 0.97 | 65.4 | 7.985 | 4.635 | 11.28 | 4.134 | 1.413 | Lognormal |
| 24728 NEPTUNE AVE | 33 | 100% | 2.54 | 27.5 | 5.126 | 4.2 | 4.291 | 4.728 | 0.837 | -- |
| 24728 PANAMA AVE | 31 | 100% | 3.56 | 239 | 30.61 | 9.57 | 46.29 | 3.31 | 1.512 | -- |
| 24729 NEPTUNE AVE | 35 | 100% | 3.17 | 155 | 13.44 | 5.42 | 25.98 | 5.053 | 1.933 | -- |
| 24729 PANAMA AVE | 34 | 100% | 3.84 | 52.4 | 8.81 | 7.395 | 8.157 | 4.898 | 0.926 | -- |
| 24729 RAVENNA AVE | 16 | 100% | 3.1 | 35 | 6.808 | 4.495 | 7.745 | 3.641 | 1.138 | -- |
| 24732 MARBELLA AVE | 37 | 100% | 1.22 | 27.3 | 6.788 | 5.22 | 5.494 | 2.426 | 0.809 | Lognormal |
| 24732 NEPTUNE AVE | 35 | 100% | 1.71 | 26.4 | 5.983 | 3.45 | 5.677 | 2.09 | 0.949 | -- |
| 24732 PANAMA AVE | 33 | 100% | 2.63 | 48.6 | 8.739 | 5.55 | 9.064 | 3.164 | 1.037 | -- |
| 24732 RAVENNA AVE | 42 | 100% | 3.24 | 19.8 | 6.513 | 5.255 | 3.343 | 2.211 | 0.513 | Lognormal |
| 24733 MARBELLA AVE | 32 | 100% | 1.36 | 18.8 | 7.021 | 6.425 | 4.401 | 1.491 | 0.627 | Lognormal |
| 24733 PANAMA AVE | 38 | 100% | 4.58 | 98.7 | 14.78 | 10.4 | 17.35 | 3.78 | 1.174 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.6**
**Summary of Descriptive Statistics for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24733 RAVENNA AVE | 40 | 100% | 4.01 | 30.2 | 7.407 | 6.285 | 4.485 | 3.739 | 0.606 | -- |
| 24735 NEPTUNE AVE | 36 | 100% | 2 | 25 | 7.423 | 5.305 | 5.397 | 1.91 | 0.727 | -- |
| 24736 MARBELLA AVE | 52 | 100% | 1.6 | 40.7 | 9.126 | 6.48 | 7.369 | 2.563 | 0.808 | Lognormal |
| 24736 RAVENNA AVE | 43 | 100% | 2.41 | 12.3 | 5.69 | 4.97 | 2.056 | 1.025 | 0.361 | Lognormal |
| 24737 MARBELLA AVE | 28 | 100% | 2.57 | 51 | 8.207 | 5.76 | 9.001 | 4.291 | 1.097 | -- |
| 24738 NEPTUNE AVE | 51 | 100% | 2.36 | 97.1 | 9.456 | 4.89 | 16.64 | 4.178 | 1.76 | -- |
| 24738 PANAMA AVE | 32 | 100% | 2.29 | 103 | 18.54 | 8.485 | 23.7 | 2.18 | 1.278 | -- |
| 24739 NEPTUNE AVE | 41 | 100% | 3.12 | 39.1 | 11.02 | 8.38 | 7.757 | 1.966 | 0.704 | -- |
| 24739 PANAMA AVE | 43 | 100% | 2.5 | 45 | 6.116 | 4.7 | 6.674 | 5.085 | 1.091 | -- |
| 24739 RAVENNA AVE | 42 | 100% | 3.12 | 27.2 | 7.532 | 5.69 | 5.013 | 2.316 | 0.666 | -- |
| 24740 MARBELLA AVE | 64 | 100% | 2.15 | 31 | 9.083 | 5.635 | 7.02 | 1.477 | 0.773 | -- |
| 24741 MARBELLA AVE | 12 | 100% | 3.7 | 20.9 | 9.676 | 7.635 | 5.577 | 1.425 | 0.576 | Lognormal |
| 24743 RAVENNA AVE | 42 | 100% | 3.76 | 23.1 | 8.917 | 7.95 | 4.078 | 1.91 | 0.457 | Lognormal |
| 24744 MARBELLA AVE | 25 | 100% | 4.01 | 23.6 | 8.797 | 6.97 | 4.676 | 1.807 | 0.532 | Lognormal |
| 24748 RAVENNA AVE | 24 | 100% | 4.39 | 13.3 | 6.96 | 5.81 | 2.812 | 1.397 | 0.404 | -- |
| 24749 RAVENNA AVE | 43 | 100% | 3.84 | 163 | 15.68 | 10.1 | 24.34 | 5.541 | 1.553 | Lognormal |
| 24752 RAVENNA AVE | 45 | 100% | 3.42 | 265 | 13.79 | 7 | 38.81 | 6.454 | 2.816 | -- |
| 24802 PANAMA AVE | 52 | 100% | 1.78 | 175 | 12.17 | 5.995 | 24.24 | 6.192 | 1.992 | -- |
| 24803 NEPTUNE AVE | 32 | 100% | 3.37 | 25 | 9.068 | 5.745 | 6.322 | 1.393 | 0.697 | -- |
| 24803 PANAMA AVE | 18 | 100% | 2.87 | 7.65 | 4.587 | 4.59 | 1.398 | 0.553 | 0.305 | Normal |
| 24809 NEPTUNE AVE | 27 | 100% | 3.89 | 31 | 11.21 | 9.08 | 7.335 | 1.441 | 0.654 | Lognormal |
| 24809 PANAMA AVE | 36 | 100% | 3.53 | 21.3 | 7.004 | 5.405 | 4.15 | 2.037 | 0.593 | -- |
| 24812 PANAMA AVE | 29 | 100% | 1.69 | 26.7 | 6.334 | 3.92 | 6.328 | 2.069 | 0.999 | -- |
| 24813 PANAMA AVE | 15 | 100% | 4.33 | 34.7 | 11.82 | 7.76 | 9.641 | 1.9 | 0.816 | -- |
| 24815 NEPTUNE AVE | 30 | 100% | 3.5 | 51.2 | 15 | 11.45 | 11.48 | 1.655 | 0.765 | Lognormal |
| 24818 PANAMA AVE | 34 | 100% | 2.21 | 88.1 | 10.12 | 4.795 | 18.97 | 3.839 | 1.874 | -- |
| 24819 PANAMA AVE | 34 | 100% | 3.65 | 267 | 17.18 | 6.58 | 46.1 | 5.2 | 2.684 | -- |
| 24822 PANAMA AVE | 43 | 100% | 2.74 | 82.9 | 10.58 | 5.38 | 14.73 | 3.631 | 1.392 | -- |
| 24823 PANAMA AVE | 39 | 100% | 3.72 | 16.1 | 7.072 | 6.16 | 3.148 | 1.392 | 0.445 | -- |
| 24825 NEPTUNE AVE | 98 | 100% | 2.84 | 34.5 | 8.725 | 4.605 | 7.812 | 1.669 | 0.895 | -- |
| 24828 PANAMA AVE | 36 | 100% | 1.78 | 191 | 15.08 | 5.6 | 33.45 | 4.557 | 2.219 | -- |
| 24829 PANAMA AVE | 48 | 100% | 4.44 | 24 | 7.756 | 6.65 | 3.709 | 2.752 | 0.478 | -- |
| 24832 PANAMA AVE | 38 | 100% | 3.36 | 23.7 | 8.772 | 7.09 | 5.557 | 1.753 | 0.633 | -- |
| 24833 PANAMA AVE | 43 | 100% | 4.26 | 34.8 | 8.933 | 7.08 | 5.59 | 3.132 | 0.626 | -- |
| 24838 PANAMA AVE | 28 | 100% | 3.01 | 90.7 | 12.5 | 7.95 | 16.73 | 4.115 | 1.339 | -- |
| 24904 NEPTUNE AVE | 74 | 100% | 2.71 | 47.3 | 12.1 | 8.83 | 8.92 | 2.243 | 0.737 | -- |
| 24912 NEPTUNE AVE | 36 | 100% | 3.1 | 48 | 10.44 | 7.03 | 9.78 | 2.521 | 0.937 | -- |
| 301 244TH ST | 29 | 97% | 0.79 | 39.1 | 7.353 | 5.11 | 7.856 | 2.901 | 1.068 | Lognormal |
| 305 244TH ST | 54 | 100% | 3.72 | 115 | 16.93 | 8.31 | 24.16 | 3.145 | 1.427 | -- |
| 311 244TH ST | 71 | 100% | 2.74 | 254 | 38.69 | 13.3 | 54.88 | 2.154 | 1.418 | -- |
| 317 244TH ST | 58 | 100% | 4.08 | 207 | 20.75 | 9.76 | 37.04 | 4.443 | 1.785 | -- |
| 321 244TH ST | 40 | 100% | 3.2 | 38.2 | 11.11 | 9.725 | 6.419 | 2.378 | 0.578 | -- |
| 327 244TH ST | 12 | 100% | 7.23 | 12.7 | 8.59 | 8.265 | 1.473 | 2.238 | 0.171 | -- |
| 331 244TH ST | 28 | 100% | 3.63 | 22.4 | 7.868 | 7.35 | 3.26 | 3.418 | 0.414 | -- |
| 337 244TH ST | 34 | 100% | 3.16 | 15.6 | 7.549 | 7.22 | 2.482 | 1.333 | 0.329 | Lognormal |
| 341 244TH ST | 48 | 100% | 4.15 | 28.1 | 8.61 | 7.1 | 5.111 | 2.36 | 0.594 | -- |
| 344 249TH ST | 35 | 100% | 4.17 | 65.7 | 12.58 | 9.3 | 11.6 | 3.35 | 0.922 | -- |
| 345 249TH ST | 93 | 97% | 3.33 | 203 | 14.81 | 7.8 | 27.75 | 5.666 | 1.874 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.6**
**Summary of Descriptive Statistics for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 347 244TH ST | 32 | 100% | 3.61 | 26.9 | 9.608 | 7.69 | 6.506 | 1.847 | 0.677 | -- |
| 348 248TH ST | 49 | 100% | 2.98 | 26 | 7.449 | 5.32 | 5.483 | 1.899 | 0.736 | -- |
| 348 249TH ST | 51 | 100% | 3.15 | 133 | 15.28 | 8.56 | 21.82 | 4.325 | 1.428 | -- |
| 351 244TH ST | 32 | 100% | 2.84 | 135 | 11.95 | 7.225 | 22.79 | 5.404 | 1.906 | -- |
| 352 249TH ST | 32 | 100% | 2.85 | 56.9 | 13.26 | 8.655 | 11.98 | 1.977 | 0.903 | Lognormal |
| 353 249TH ST | 32 | 100% | 3.05 | 24.6 | 7.154 | 5.955 | 4.387 | 2.353 | 0.613 | Lognormal |
| 354 248TH ST | 39 | 100% | 1.6 | 47.2 | 9.401 | 4.74 | 10.6 | 2.213 | 1.128 | -- |
| 357 244TH ST | 40 | 100% | 3.05 | 15.9 | 7.739 | 7.465 | 3.096 | 0.861 | 0.4 | Lognormal |
| 357 249TH ST | 24 | 100% | 4.4 | 14.6 | 7.633 | 5.95 | 3.069 | 0.947 | 0.402 | -- |
| 358 249TH ST | 43 | 100% | 0.56 | 39.4 | 7.38 | 4.57 | 7.528 | 2.484 | 1.02 | Lognormal |
| 360 248TH ST | 48 | 100% | 3.4 | 26.3 | 6.497 | 5.13 | 3.857 | 3.339 | 0.594 | -- |
| 361 244TH ST | 23 | 100% | 2.81 | 18.1 | 7.638 | 6.99 | 3.973 | 1.279 | 0.52 | Lognormal |
| 362 249TH ST | 25 | 100% | 3.53 | 31.4 | 9.047 | 6.19 | 7.864 | 2.152 | 0.869 | -- |
| 363 249TH ST | 27 | 100% | 4.65 | 81.8 | 18.25 | 7.27 | 19.37 | 1.913 | 1.061 | -- |
| 364 248TH ST | 48 | 100% | 1.98 | 153 | 10.57 | 4.97 | 22.43 | 5.787 | 2.121 | -- |
| 367 244TH ST | 13 | 100% | 2.53 | 151 | 22.6 | 10.6 | 39.22 | 3.403 | 1.735 | Lognormal |
| 367 249TH ST | 46 | 100% | 3.1 | 67.7 | 11.83 | 8.47 | 12 | 3.454 | 1.014 | -- |
| 368 249TH ST | 55 | 100% | 2.85 | 144 | 11.66 | 6.2 | 20.26 | 5.604 | 1.738 | -- |
| 373 249TH ST | 42 | 100% | 4.01 | 31.1 | 11.31 | 7.405 | 8.128 | 1.201 | 0.719 | -- |
| 374 248TH ST | 120 | 100% | 1.83 | 241 | 14.97 | 7.125 | 30.92 | 5.971 | 2.065 | -- |
| 374 249TH ST | 27 | 100% | 3.57 | 32.9 | 9.639 | 6.57 | 8.351 | 1.999 | 0.866 | -- |
| 377 244TH ST | 32 | 100% | 5.04 | 28.3 | 9.642 | 7.825 | 4.96 | 2.193 | 0.514 | -- |
| 377 249TH ST | 33 | 100% | 0.5 | 26.2 | 6.162 | 4.62 | 6.134 | 2.298 | 0.996 | Lognormal |
| 378 249TH ST | 41 | 100% | 3.42 | 44.9 | 7.808 | 6.58 | 6.581 | 4.797 | 0.843 | -- |
| 383 249TH ST | 32 | 100% | 3.83 | 24.7 | 9.507 | 7.245 | 5.758 | 1.61 | 0.606 | -- |
| 402 249TH ST | 32 | 100% | 1.82 | 29.9 | 7.131 | 5.06 | 6.421 | 2.399 | 0.9 | Lognormal |
| 408 249TH ST | 24 | 100% | 3.42 | 127 | 14.39 | 6.975 | 24.68 | 4.482 | 1.716 | -- |
| 412 249TH ST | 77 | 100% | 1.34 | 381 | 17.26 | 6.89 | 46.27 | 6.854 | 2.681 | -- |
| 24703 PANAMA AVE | 62 | 100% | 2.08 | 88.6 | 11.53 | 5.835 | 13.84 | 3.372 | 1.2 | -- |
| 24808 PANAMA AVE | 20 | 100% | 1.37 | 39.5 | 8.503 | 5.175 | 8.701 | 2.671 | 1.023 | Lognormal |

Note: "--" not applicable or not idenitifed

**Table 5-1.7**
**Summary of Descriptive Statistics for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24401 MARBELLA AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24402 NEPTUNE AVE | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24402 PANAMA AVE | 127 | 9% | 0.28 | 0.74 | 0.474 | 0.505 | 0.144 | 0.242 | 0.303 | Normal |
| 24402 RAVENNA AVE | 40 | 3% | 0.3 | 0.3 | 0.3 | 0.3 | N/A | N/A | N/A | -- |
| 24403 NEPTUNE AVE | 46 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24403 RAVENNA AVE | 62 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24405 MARBELLA AVE | 25 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24406 MARBELLA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24406 NEPTUNE AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24406 PANAMA AVE | 23 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24406 RAVENNA AVE | 26 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24409 NEPTUNE AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24409 RAVENNA AVE | 33 | 6% | 0.76 | 0.89 | 0.825 | 0.825 | 0.0919 | N/A | 0.111 | Normal |
| 24410 PANAMA AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24411 MARBELLA AVE | 69 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24411 PANAMA AVE | 37 | 27% | 0.24 | 1.06 | 0.509 | 0.355 | 0.275 | 1.042 | 0.54 | Lognormal |
| 24412 MARBELLA AVE | 31 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24412 RAVENNA AVE | 61 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24413 NEPTUNE AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24413 RAVENNA AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24416 MARBELLA AVE | 50 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24416 NEPTUNE AVE | 21 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24416 PANAMA AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24416 RAVENNA AVE | 42 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24417 MARBELLA AVE | 8 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24417 PANAMA AVE | 47 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24419 NEPTUNE AVE | 32 | 3% | 0.25 | 0.25 | 0.25 | 0.25 | N/A | N/A | N/A | -- |
| 24419 RAVENNA AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24420 PANAMA AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24421 PANAMA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24422 MARBELLA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24422 NEPTUNE AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24422 RAVENNA AVE | 29 | 7% | 0.23 | 0.4 | 0.315 | 0.315 | 0.12 | N/A | 0.382 | Normal |
| 24423 MARBELLA AVE | 13 | 8% | 0.31 | 0.31 | 0.31 | 0.31 | N/A | N/A | N/A | -- |
| 24423 NEPTUNE AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24423 RAVENNA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24426 MARBELLA AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24426 NEPTUNE AVE | 30 | 3% | 0.26 | 0.26 | 0.26 | 0.26 | N/A | N/A | N/A | -- |
| 24426 PANAMA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24426 RAVENNA AVE | 49 | 2% | 1.24 | 1.24 | 1.24 | 1.24 | N/A | N/A | N/A | -- |
| 24427 MARBELLA AVE | 25 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24427 PANAMA AVE | 38 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24429 NEPTUNE AVE | 19 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24429 RAVENNA AVE | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24430 PANAMA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24431 PANAMA AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24432 MARBELLA AVE | 67 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24433 MARBELLA AVE | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.7**
**Summary of Descriptive Statistics for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24436 PANAMA AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24502 MARBELLA AVE | 51 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24502 NEPTUNE AVE | 58 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24502 PANAMA AVE | 48 | 4% | 0.26 | 0.29 | 0.275 | 0.275 | 0.0212 | N/A | 0.0771 | Normal |
| 24502 RAVENNA AVE | 44 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24503 MARBELLA AVE | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24503 NEPTUNE AVE | 60 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24503 PANAMA AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24503 RAVENNA AVE | 34 | 6% | 0.24 | 0.28 | 0.26 | 0.26 | 0.0283 | N/A | 0.109 | Normal |
| 24506 MARBELLA AVE | 36 | 42% | 0.23 | 0.61 | 0.351 | 0.34 | 0.1 | 1.566 | 0.285 | Lognormal |
| 24507 MARBELLA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24508 NEPTUNE AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24508 PANAMA AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24508 RAVENNA AVE | 39 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24509 NEPTUNE AVE | 31 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24509 PANAMA AVE | 47 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24509 RAVENNA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24512 MARBELLA AVE | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24512 NEPTUNE AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24512 PANAMA AVE | 28 | 4% | 0.42 | 0.42 | 0.42 | 0.42 | N/A | N/A | N/A | -- |
| 24512 RAVENNA AVE | 56 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24513 NEPTUNE AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24513 PANAMA AVE | 51 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24513 RAVENNA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24516 MARBELLA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24517 MARBELLA AVE | 12 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24518 NEPTUNE AVE | 45 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24518 PANAMA AVE | 42 | 5% | 0.28 | 0.31 | 0.295 | 0.295 | 0.0212 | N/A | 0.0719 | Normal |
| 24518 RAVENNA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24519 NEPTUNE AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24519 PANAMA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24522 MARBELLA AVE | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24522 NEPTUNE AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24522 PANAMA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24522 RAVENNA AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24523 MARBELLA AVE | 45 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24523 NEPTUNE AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24523 RAVENNA AVE | 17 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24526 MARBELLA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24528 NEPTUNE AVE | 31 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24528 PANAMA AVE | 39 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24529 NEPTUNE AVE | 32 | 53% | 0.27 | 0.84 | 0.455 | 0.38 | 0.173 | 0.943 | 0.381 | Lognormal |
| 24529 PANAMA AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24529 RAVENNA AVE | 26 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24532 MARBELLA AVE | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24532 NEPTUNE AVE | 21 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24532 PANAMA AVE | 23 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24532 RAVENNA AVE | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |

**Table 5-1.7**
**Summary of Descriptive Statistics for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24533 MARBELLA AVE | 25 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24533 PANAMA AVE | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24533 RAVENNA AVE | 52 | 2% | 0.29 | 0.29 | 0.29 | 0.29 | N/A | N/A | N/A | -- |
| 24602 MARBELLA AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24602 NEPTUNE AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24602 PANAMA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24602 RAVENNA AVE | 28 | 11% | 0.29 | 0.38 | 0.33 | 0.32 | 0.0458 | 0.935 | 0.139 | Normal |
| 24603 MARBELLA AVE | 26 | 19% | 0.29 | 0.98 | 0.556 | 0.43 | 0.288 | 0.912 | 0.518 | Normal |
| 24603 NEPTUNE AVE | 49 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24603 PANAMA AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24603 RAVENNA AVE | 31 | 68% | 1.46 | 3.47 | 2.712 | 3.03 | 0.702 | -0.893 | 0.259 | -- |
| 24606 MARBELLA AVE | 63 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24607 MARBELLA AVE | 31 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24608 NEPTUNE AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24608 PANAMA AVE | 22 | 64% | 1.19 | 2.52 | 2.115 | 2.135 | 0.357 | -1.424 | 0.169 | Normal |
| 24608 RAVENNA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24609 NEPTUNE AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24609 PANAMA AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24609 RAVENNA AVE | 45 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24612 MARBELLA AVE | 51 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24612 NEPTUNE AVE | 47 | 38% | 0.23 | 0.58 | 0.387 | 0.385 | 0.0959 | 0.481 | 0.248 | Normal |
| 24612 PANAMA AVE | 33 | 15% | 0.18 | 0.34 | 0.246 | 0.23 | 0.0647 | 0.742 | 0.263 | Normal |
| 24612 RAVENNA AVE | 46 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24613 MARBELLA AVE | 52 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24613 NEPTUNE AVE | 39 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24613 PANAMA AVE | 51 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24613 RAVENNA AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24616 MARBELLA AVE | 46 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24617 MARBELLA AVE | 34 | 65% | 0.23 | 1.2 | 0.638 | 0.67 | 0.275 | 0.127 | 0.432 | -- |
| 24618 NEPTUNE AVE | 26 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24618 PANAMA AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24618 RAVENNA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24619 NEPTUNE AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24619 PANAMA AVE | 38 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24619 RAVENNA AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24622 MARBELLA AVE | 53 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24622 NEPTUNE AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24623 MARBELLA AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24623 NEPTUNE AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24627 MARBELLA AVE | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24628 MARBELLA AVE | 52 | 12% | 0.23 | 0.44 | 0.317 | 0.295 | 0.0763 | 0.827 | 0.241 | Normal |
| 24628 NEPTUNE AVE | 18 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24629 NEPTUNE AVE | 39 | 3% | 0.32 | 0.32 | 0.32 | 0.32 | N/A | N/A | N/A | -- |
| 24632 NEPTUNE AVE | 20 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24633 MARBELLA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24700 MARBELLA AVE | 46 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24700 RAVENNA AVE | 56 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24702 NEPTUNE AVE | 46 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.7**
**Summary of Descriptive Statistics for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24702 PANAMA AVE | 30 | 7% | 0.23 | 0.28 | 0.255 | 0.255 | 0.0354 | N/A | 0.139 | Normal |
| 24703 MARBELLA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24703 NEPTUNE AVE | 39 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24703 RAVENNA AVE | 53 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24706 MARBELLA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24706 RAVENNA AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24707 MARBELLA AVE | 37 | 24% | 0.24 | 0.54 | 0.36 | 0.37 | 0.0951 | 0.659 | 0.264 | Normal |
| 24708 PANAMA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24709 NEPTUNE AVE | 37 | 8% | 0.28 | 0.36 | 0.31 | 0.29 | 0.0436 | 1.63 | 0.141 | Normal |
| 24709 PANAMA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24709 RAVENNA AVE | 52 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24710 MARBELLA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24712 NEPTUNE AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24712 PANAMA AVE | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24712 RAVENNA AVE | 45 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24713 MARBELLA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24713 PANAMA AVE | 34 | 24% | 0.23 | 0.36 | 0.279 | 0.26 | 0.0528 | 1.043 | 0.189 | Lognormal |
| 24713 RAVENNA AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24715 NEPTUNE AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24716 MARBELLA AVE | 30 | 43% | 0.24 | 0.78 | 0.474 | 0.47 | 0.163 | 0.0128 | 0.345 | Normal |
| 24716 RAVENNA AVE | 15 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24717 MARBELLA AVE | 38 | 8% | 0.27 | 0.32 | 0.297 | 0.3 | 0.0252 | -0.586 | 0.0848 | Normal |
| 24718 NEPTUNE AVE | 65 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24718 PANAMA AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24719 NEPTUNE AVE | 33 | 3% | 0.24 | 0.24 | 0.24 | 0.24 | N/A | N/A | N/A | -- |
| 24719 PANAMA AVE | 28 | 7% | 0.28 | 0.35 | 0.315 | 0.315 | 0.0495 | N/A | 0.157 | Normal |
| 24719 RAVENNA AVE | 45 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24722 MARBELLA AVE | 34 | 47% | 0.23 | 0.42 | 0.3 | 0.3 | 0.0569 | 0.677 | 0.19 | Normal |
| 24722 NEPTUNE AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24722 PANAMA AVE | 18 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24722 RAVENNA AVE | 41 | 2% | 0.26 | 0.26 | 0.26 | 0.26 | N/A | N/A | N/A | -- |
| 24723 MARBELLA AVE | 22 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24723 RAVENNA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24725 NEPTUNE AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24726 MARBELLA AVE | 49 | 2% | 0.25 | 0.25 | 0.25 | 0.25 | N/A | N/A | N/A | -- |
| 24726 RAVENNA AVE | 37 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24727 MARBELLA AVE | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24728 NEPTUNE AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24728 PANAMA AVE | 31 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24729 NEPTUNE AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24729 PANAMA AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24729 RAVENNA AVE | 16 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24732 MARBELLA AVE | 37 | 8% | 0.25 | 0.31 | 0.283 | 0.29 | 0.0306 | -0.935 | 0.108 | Normal |
| 24732 NEPTUNE AVE | 35 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24732 PANAMA AVE | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24732 RAVENNA AVE | 42 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24733 MARBELLA AVE | 32 | 19% | 0.37 | 0.83 | 0.505 | 0.435 | 0.172 | 1.77 | 0.341 | Normal |
| 24733 PANAMA AVE | 38 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |

**Table 5-1.7**
**Summary of Descriptive Statistics for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24733 RAVENNA AVE | 40 | 13% | 0.27 | 0.47 | 0.316 | 0.28 | 0.0862 | 2.222 | 0.273 | -- |
| 24735 NEPTUNE AVE | 36 | 78% | 0.24 | 0.57 | 0.369 | 0.365 | 0.0916 | 0.153 | 0.249 | Normal |
| 24736 MARBELLA AVE | 52 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24736 RAVENNA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24737 MARBELLA AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24738 NEPTUNE AVE | 51 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24738 PANAMA AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24739 NEPTUNE AVE | 41 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24739 PANAMA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24739 RAVENNA AVE | 42 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24740 MARBELLA AVE | 64 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24741 MARBELLA AVE | 12 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24743 RAVENNA AVE | 42 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24744 MARBELLA AVE | 25 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24748 RAVENNA AVE | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24749 RAVENNA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24752 RAVENNA AVE | 45 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24802 PANAMA AVE | 52 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24803 NEPTUNE AVE | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24803 PANAMA AVE | 18 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24809 NEPTUNE AVE | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24809 PANAMA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24812 PANAMA AVE | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24813 PANAMA AVE | 15 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24815 NEPTUNE AVE | 30 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24818 PANAMA AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24819 PANAMA AVE | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24822 PANAMA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24823 PANAMA AVE | 39 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24825 NEPTUNE AVE | 98 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24828 PANAMA AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24829 PANAMA AVE | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24832 PANAMA AVE | 38 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24833 PANAMA AVE | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24838 PANAMA AVE | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24904 NEPTUNE AVE | 74 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24912 NEPTUNE AVE | 36 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 301 244TH ST | 29 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 305 244TH ST | 54 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 311 244TH ST | 71 | 10% | 0.17 | 0.36 | 0.229 | 0.21 | 0.0652 | 1.603 | 0.285 | Normal |
| 317 244TH ST | 58 | 2% | 0.17 | 0.17 | 0.17 | 0.17 | N/A | N/A | N/A | -- |
| 321 244TH ST | 40 | 8% | 0.25 | 0.31 | 0.287 | 0.3 | 0.0321 | -1.545 | 0.112 | Normal |
| 327 244TH ST | 12 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 331 244TH ST | 28 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 337 244TH ST | 34 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 341 244TH ST | 48 | 19% | 0.24 | 0.57 | 0.411 | 0.36 | 0.133 | -0.00849 | 0.324 | Normal |
| 344 249TH ST | 35 | 11% | 0.27 | 0.37 | 0.31 | 0.3 | 0.0455 | 0.894 | 0.147 | Normal |
| 345 249TH ST | 93 | 46% | 2.05 | 3.47 | 2.919 | 2.98 | 0.353 | -0.781 | 0.121 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.7**
**Summary of Descriptive Statistics for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 347 244TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 348 248TH ST | 49 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 348 249TH ST | 51 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 351 244TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 352 249TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 353 249TH ST | 32 | 3% | 0.29 | 0.29 | 0.29 | 0.29 | N/A | N/A | N/A | -- |
| 354 248TH ST | 39 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 357 244TH ST | 40 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 357 249TH ST | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 358 249TH ST | 43 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 360 248TH ST | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 361 244TH ST | 23 | 26% | 0.24 | 0.76 | 0.408 | 0.315 | 0.207 | 1.26 | 0.507 | Normal |
| 362 249TH ST | 25 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 363 249TH ST | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 364 248TH ST | 48 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 367 244TH ST | 13 | 8% | 0.27 | 0.27 | 0.27 | 0.27 | N/A | N/A | N/A | -- |
| 367 249TH ST | 46 | 7% | 0.23 | 0.35 | 0.28 | 0.26 | 0.0624 | 1.293 | 0.223 | Normal |
| 368 249TH ST | 55 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 373 249TH ST | 42 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 374 248TH ST | 120 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 374 249TH ST | 27 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 377 244TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 377 249TH ST | 33 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 378 249TH ST | 41 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 383 249TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 402 249TH ST | 32 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 408 249TH ST | 24 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 412 249TH ST | 77 | 83% | 0.33 | 3.17 | 1.078 | 0.84 | 0.638 | 1.503 | 0.592 | Lognormal |
| 24703 PANAMA AVE | 62 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |
| 24808 PANAMA AVE | 20 | 0% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.8**
**Summary of Descriptive Statistics for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24401 MARBELLA AVE | 33 | 100% | 23 | 57.6 | 39.28 | 38.1 | 7.168 | 0.536 | 0.182 | Normal |
| 24402 NEPTUNE AVE | 48 | 100% | 28.9 | 49.1 | 34.92 | 34.45 | 3.759 | 1.162 | 0.108 | Normal |
| 24402 PANAMA AVE | 127 | 100% | 7.95 | 58.7 | 36.44 | 36.5 | 9.126 | -0.211 | 0.25 | Normal |
| 24402 RAVENNA AVE | 40 | 100% | 29 | 52.1 | 37.61 | 37.1 | 5.475 | 0.755 | 0.146 | Normal |
| 24403 NEPTUNE AVE | 46 | 100% | 26 | 73.5 | 36.57 | 34.4 | 8.473 | 2.149 | 0.232 | -- |
| 24403 RAVENNA AVE | 62 | 100% | 21.9 | 48.3 | 37 | 36.95 | 5.082 | -0.191 | 0.137 | Normal |
| 24405 MARBELLA AVE | 25 | 100% | 21.4 | 55.6 | 36.03 | 35.5 | 7.908 | 0.437 | 0.219 | Normal |
| 24406 MARBELLA AVE | 40 | 100% | 26.8 | 46.3 | 36.03 | 36.6 | 5.525 | -0.037 | 0.153 | Normal |
| 24406 NEPTUNE AVE | 28 | 100% | 23.6 | 46.8 | 34.55 | 33.85 | 5.988 | 0.211 | 0.173 | Normal |
| 24406 PANAMA AVE | 23 | 100% | 20.7 | 46.8 | 33.41 | 32.6 | 6.114 | 0.107 | 0.183 | Normal |
| 24406 RAVENNA AVE | 26 | 100% | 24.9 | 42.2 | 33.45 | 33.15 | 4.429 | 0.0285 | 0.132 | Normal |
| 24409 NEPTUNE AVE | 24 | 100% | 23.9 | 41.4 | 31.75 | 31.55 | 4.2 | 0.383 | 0.132 | Normal |
| 24409 RAVENNA AVE | 33 | 100% | 27.4 | 43.5 | 35.15 | 34.9 | 4.06 | 0.227 | 0.116 | Normal |
| 24410 PANAMA AVE | 33 | 100% | 17.2 | 59.9 | 30.82 | 31.1 | 8.129 | 1.18 | 0.264 | -- |
| 24411 MARBELLA AVE | 69 | 100% | 22.6 | 55.1 | 36.54 | 36.2 | 6.582 | 0.235 | 0.18 | Normal |
| 24411 PANAMA AVE | 37 | 100% | 24.6 | 49.2 | 36.06 | 36.3 | 5.691 | 0.379 | 0.158 | Normal |
| 24412 MARBELLA AVE | 31 | 100% | 27.1 | 61.9 | 39.94 | 38.5 | 7.53 | 1.112 | 0.189 | Normal |
| 24412 RAVENNA AVE | 61 | 100% | 24.1 | 48.5 | 36.52 | 36.1 | 5.771 | -0.119 | 0.158 | Normal |
| 24413 NEPTUNE AVE | 24 | 100% | 23.7 | 42 | 30.91 | 30.55 | 4.433 | 0.921 | 0.143 | Normal |
| 24413 RAVENNA AVE | 28 | 100% | 18.6 | 57.3 | 31.23 | 30.5 | 7.364 | 1.482 | 0.236 | Lognormal |
| 24416 MARBELLA AVE | 50 | 100% | 24.3 | 67.1 | 37.14 | 36.5 | 9.152 | 1.146 | 0.246 | Lognormal |
| 24416 NEPTUNE AVE | 21 | 100% | 23.4 | 39.5 | 32.45 | 32.5 | 5.001 | -0.36 | 0.154 | Normal |
| 24416 PANAMA AVE | 33 | 100% | 15.9 | 46.1 | 28.31 | 26.3 | 6.991 | 1.019 | 0.247 | Lognormal |
| 24416 RAVENNA AVE | 42 | 100% | 23.8 | 43.5 | 34.63 | 34.8 | 4.249 | -0.418 | 0.123 | Normal |
| 24417 MARBELLA AVE | 8 | 100% | 31.8 | 49.7 | 40.18 | 39.75 | 6.257 | 0.325 | 0.156 | Normal |
| 24417 PANAMA AVE | 47 | 100% | 20.3 | 45.7 | 34.49 | 34 | 6.028 | -0.207 | 0.175 | Normal |
| 24419 NEPTUNE AVE | 32 | 100% | 22.3 | 41.2 | 31.78 | 31.9 | 4.472 | 0.163 | 0.141 | Normal |
| 24419 RAVENNA AVE | 32 | 100% | 18 | 40.3 | 30.12 | 31.25 | 6.012 | -0.329 | 0.2 | Normal |
| 24420 PANAMA AVE | 33 | 100% | 8.37 | 42.7 | 26.66 | 26.3 | 6.9 | -0.0109 | 0.259 | Normal |
| 24421 PANAMA AVE | 30 | 100% | 20.3 | 43.8 | 31.31 | 30.8 | 5.791 | 0.183 | 0.185 | Normal |
| 24422 MARBELLA AVE | 43 | 100% | 18.6 | 39 | 31.32 | 32 | 5.029 | -0.816 | 0.161 | -- |
| 24422 NEPTUNE AVE | 36 | 100% | 23.8 | 42.2 | 32.51 | 32.65 | 4.895 | 0.0612 | 0.151 | Normal |
| 24422 RAVENNA AVE | 29 | 100% | 27.1 | 49.1 | 34.71 | 34.3 | 4.218 | 1.253 | 0.122 | Normal |
| 24423 MARBELLA AVE | 13 | 100% | 28.5 | 54.6 | 38.34 | 37.7 | 7.415 | 0.869 | 0.193 | Normal |
| 24423 NEPTUNE AVE | 37 | 100% | 21.9 | 42.6 | 31.74 | 32 | 4.323 | 0.149 | 0.136 | Normal |
| 24423 RAVENNA AVE | 40 | 100% | 19.8 | 39 | 28.26 | 27.75 | 4.841 | 0.171 | 0.171 | Normal |
| 24426 MARBELLA AVE | 24 | 100% | 22.3 | 39.6 | 32.9 | 34.8 | 5.324 | -0.711 | 0.162 | -- |
| 24426 NEPTUNE AVE | 30 | 100% | 23.4 | 42.5 | 32.6 | 31.65 | 5.341 | 0.382 | 0.164 | Normal |
| 24426 PANAMA AVE | 30 | 100% | 9.9 | 45.1 | 29.74 | 28.5 | 9.423 | -0.19 | 0.317 | Normal |
| 24426 RAVENNA AVE | 49 | 100% | 21.3 | 47.6 | 34.06 | 33.5 | 5.883 | 0.345 | 0.173 | Normal |
| 24427 MARBELLA AVE | 25 | 100% | 22 | 53.2 | 40.49 | 42.7 | 8.377 | -0.514 | 0.207 | Normal |
| 24427 PANAMA AVE | 38 | 100% | 23 | 47.4 | 34.51 | 34.25 | 5.086 | 0.233 | 0.147 | Normal |
| 24429 NEPTUNE AVE | 19 | 100% | 29.7 | 40.3 | 34.83 | 35.6 | 2.948 | -0.16 | 0.0846 | Normal |
| 24429 RAVENNA AVE | 29 | 100% | 20.1 | 45.3 | 30.96 | 30.9 | 4.901 | 0.425 | 0.158 | Normal |
| 24430 PANAMA AVE | 30 | 100% | 10.1 | 49.5 | 28.98 | 28.1 | 10.18 | 0.232 | 0.351 | Normal |
| 24431 PANAMA AVE | 35 | 100% | 28.6 | 52.6 | 36.91 | 36.5 | 5.084 | 0.965 | 0.138 | Normal |
| 24432 MARBELLA AVE | 67 | 100% | 23.4 | 45.6 | 33.66 | 34 | 4.786 | -0.262 | 0.142 | Normal |
| 24433 MARBELLA AVE | 27 | 100% | 30.7 | 63.5 | 39.65 | 37.7 | 6.557 | 1.976 | 0.165 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.8**
**Summary of Descriptive Statistics for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24436 PANAMA AVE | 35 | 100% | 7.26 | 39.6 | 24.86 | 28.4 | 8.479 | -0.427 | 0.341 | -- |
| 24502 MARBELLA AVE | 51 | 100% | 18.7 | 72.7 | 34.38 | 32.2 | 10.05 | 1.958 | 0.292 | -- |
| 24502 NEPTUNE AVE | 58 | 100% | 18.8 | 34.7 | 26.98 | 27.2 | 3.353 | -0.142 | 0.124 | Normal |
| 24502 PANAMA AVE | 48 | 100% | 5.57 | 49.2 | 27.16 | 29.45 | 9.512 | -0.388 | 0.35 | -- |
| 24502 RAVENNA AVE | 44 | 100% | 22.9 | 36.1 | 30.83 | 31.4 | 3.05 | -0.465 | 0.0989 | Normal |
| 24503 MARBELLA AVE | 29 | 100% | 28.9 | 48.9 | 40.54 | 40 | 5.159 | -0.157 | 0.127 | Normal |
| 24503 NEPTUNE AVE | 60 | 100% | 9.7 | 46.8 | 34.02 | 33.75 | 5.855 | -1.011 | 0.172 | -- |
| 24503 PANAMA AVE | 28 | 100% | 17.4 | 43.3 | 34.75 | 35.2 | 5.498 | -0.994 | 0.158 | Normal |
| 24503 RAVENNA AVE | 34 | 100% | 22.7 | 43 | 29.74 | 28.1 | 5.487 | 0.715 | 0.185 | Lognormal |
| 24506 MARBELLA AVE | 36 | 100% | 18.9 | 82.1 | 35.81 | 35 | 10.18 | 2.612 | 0.284 | -- |
| 24507 MARBELLA AVE | 36 | 100% | 25.6 | 79.2 | 45.55 | 42.35 | 9.875 | 1.399 | 0.217 | -- |
| 24508 NEPTUNE AVE | 40 | 100% | 23.2 | 41 | 31.91 | 32.2 | 4.099 | -0.0835 | 0.128 | Normal |
| 24508 PANAMA AVE | 24 | 100% | 10.1 | 36.7 | 26.71 | 30.95 | 9.117 | -0.926 | 0.341 | -- |
| 24508 RAVENNA AVE | 39 | 100% | 21.4 | 42.7 | 32.58 | 32.7 | 5.413 | -0.0098 | 0.166 | Normal |
| 24509 NEPTUNE AVE | 31 | 100% | 11.7 | 41.2 | 30.79 | 31 | 5.764 | -1.017 | 0.187 | Normal |
| 24509 PANAMA AVE | 47 | 100% | 20.6 | 38.7 | 30.81 | 31.1 | 4.68 | -0.143 | 0.152 | Normal |
| 24509 RAVENNA AVE | 37 | 100% | 23.5 | 47.5 | 31.66 | 31.9 | 5.752 | 0.626 | 0.182 | Normal |
| 24512 MARBELLA AVE | 48 | 100% | 28 | 54.7 | 39.67 | 39.85 | 6.855 | 0.328 | 0.173 | Normal |
| 24512 NEPTUNE AVE | 36 | 100% | 21.3 | 57.2 | 31.77 | 30.4 | 6.33 | 1.949 | 0.199 | Lognormal |
| 24512 PANAMA AVE | 28 | 100% | 6.44 | 35.5 | 23.55 | 27.55 | 9.937 | -0.682 | 0.422 | -- |
| 24512 RAVENNA AVE | 56 | 100% | 19.8 | 46.5 | 30.31 | 30.5 | 4.975 | 0.451 | 0.164 | Normal |
| 24513 NEPTUNE AVE | 37 | 100% | 19.3 | 46.9 | 33.55 | 34.6 | 6.123 | -0.159 | 0.182 | Normal |
| 24513 PANAMA AVE | 51 | 100% | 16.3 | 62.9 | 28.97 | 28.2 | 6.95 | 2.471 | 0.24 | Lognormal |
| 24513 RAVENNA AVE | 30 | 100% | 19.2 | 42.6 | 31.11 | 30.25 | 5.894 | 0.101 | 0.189 | Normal |
| 24516 MARBELLA AVE | 30 | 100% | 22.6 | 48.3 | 34.22 | 34.8 | 5.764 | -0.269 | 0.168 | Normal |
| 24517 MARBELLA AVE | 12 | 100% | 37.8 | 63 | 43.29 | 39.4 | 7.45 | 1.923 | 0.172 | -- |
| 24518 NEPTUNE AVE | 45 | 100% | 20.1 | 43.7 | 31.2 | 32.2 | 6.365 | 0.0748 | 0.204 | -- |
| 24518 PANAMA AVE | 42 | 100% | 5.7 | 36.8 | 23.52 | 27 | 9.809 | -0.6 | 0.417 | -- |
| 24518 RAVENNA AVE | 30 | 100% | 21 | 39.9 | 30.04 | 30.25 | 5.096 | 0.0554 | 0.17 | Normal |
| 24519 NEPTUNE AVE | 35 | 100% | 24.3 | 41.7 | 32.21 | 32.2 | 5.011 | -0.0357 | 0.156 | Normal |
| 24519 PANAMA AVE | 30 | 100% | 10.2 | 38.8 | 28.04 | 29.75 | 6.699 | -1.517 | 0.239 | -- |
| 24522 MARBELLA AVE | 27 | 100% | 21.5 | 55.9 | 40.39 | 42.4 | 8.124 | -0.637 | 0.201 | Normal |
| 24522 NEPTUNE AVE | 28 | 100% | 22 | 43.4 | 32.52 | 33.9 | 6.013 | -0.17 | 0.185 | Normal |
| 24522 PANAMA AVE | 36 | 100% | 4.69 | 40.6 | 22.24 | 24 | 9.749 | -0.321 | 0.438 | -- |
| 24522 RAVENNA AVE | 35 | 100% | 6.93 | 38 | 27.38 | 28.4 | 6.82 | -1.393 | 0.249 | -- |
| 24523 MARBELLA AVE | 45 | 100% | 22.7 | 50.1 | 38.5 | 40.1 | 5.738 | -0.663 | 0.149 | -- |
| 24523 NEPTUNE AVE | 37 | 100% | 24.7 | 53.7 | 36.2 | 35.4 | 7.151 | 0.664 | 0.198 | Normal |
| 24523 RAVENNA AVE | 17 | 100% | 21.3 | 36 | 29.13 | 29 | 3.565 | -0.219 | 0.122 | Normal |
| 24526 MARBELLA AVE | 36 | 100% | 20.4 | 51.2 | 37.43 | 38.4 | 6.264 | -0.579 | 0.167 | -- |
| 24528 NEPTUNE AVE | 31 | 100% | 9.83 | 40.1 | 23.52 | 21.9 | 8.235 | 0.484 | 0.35 | Lognormal |
| 24528 PANAMA AVE | 39 | 100% | 6.17 | 33 | 20.89 | 22.1 | 6.864 | -0.474 | 0.329 | Normal |
| 24529 NEPTUNE AVE | 32 | 100% | 23.4 | 47.5 | 33.46 | 31.9 | 6.307 | 0.824 | 0.189 | Lognormal |
| 24529 PANAMA AVE | 24 | 100% | 4.77 | 35 | 22.5 | 23.25 | 8.487 | -0.425 | 0.377 | Normal |
| 24529 RAVENNA AVE | 26 | 100% | 8.86 | 42.3 | 27.02 | 27.4 | 8.389 | -0.381 | 0.31 | Normal |
| 24532 MARBELLA AVE | 27 | 100% | 18.4 | 86 | 38.15 | 37.6 | 12.67 | 1.986 | 0.332 | -- |
| 24532 NEPTUNE AVE | 21 | 100% | 13.7 | 60.6 | 26.18 | 24 | 11.41 | 1.416 | 0.436 | Normal |
| 24532 PANAMA AVE | 23 | 100% | 9.33 | 29.2 | 22.28 | 23.4 | 4.956 | -1.187 | 0.223 | -- |
| 24532 RAVENNA AVE | 29 | 100% | 7.64 | 40.5 | 26.29 | 28.8 | 9.619 | -0.631 | 0.366 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.8**
**Summary of Descriptive Statistics for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24533 MARBELLA AVE | 25 | 100% | 25 | 70.6 | 39.26 | 38.6 | 8.112 | 2.205 | 0.207 | -- |
| 24533 PANAMA AVE | 29 | 100% | 7.28 | 36 | 23.83 | 24.2 | 6.917 | -0.874 | 0.29 | -- |
| 24533 RAVENNA AVE | 52 | 100% | 7.8 | 38 | 25.55 | 26.5 | 8.636 | -0.536 | 0.338 | -- |
| 24602 MARBELLA AVE | 34 | 100% | 18.5 | 72.3 | 37.74 | 36 | 10.44 | 1.244 | 0.277 | Lognormal |
| 24602 NEPTUNE AVE | 33 | 100% | 14.3 | 38.3 | 25.1 | 22.6 | 6.754 | 0.552 | 0.269 | Lognormal |
| 24602 PANAMA AVE | 40 | 100% | 6.54 | 46.7 | 23.47 | 23.55 | 7.114 | 0.448 | 0.303 | Normal |
| 24602 RAVENNA AVE | 28 | 100% | 11.9 | 47 | 30.11 | 30.65 | 8.603 | -0.303 | 0.286 | Normal |
| 24603 MARBELLA AVE | 26 | 100% | 29.6 | 59.2 | 42.37 | 40.85 | 8.16 | 0.218 | 0.193 | Normal |
| 24603 NEPTUNE AVE | 49 | 100% | 9.61 | 43.1 | 26.93 | 26.4 | 8.254 | 0.117 | 0.307 | Normal |
| 24603 PANAMA AVE | 30 | 100% | 20.9 | 41.7 | 27.47 | 26.55 | 4.922 | 1.234 | 0.179 | Lognormal |
| 24603 RAVENNA AVE | 31 | 100% | 11.3 | 36.5 | 24.2 | 22.7 | 7.159 | -0.0669 | 0.296 | Normal |
| 24606 MARBELLA AVE | 63 | 100% | 14.9 | 53 | 34.4 | 36.6 | 9.846 | -0.321 | 0.286 | -- |
| 24607 MARBELLA AVE | 31 | 100% | 4.16 | 56.1 | 34.7 | 36.7 | 10.5 | -1.236 | 0.302 | -- |
| 24608 NEPTUNE AVE | 37 | 100% | 11.2 | 35.6 | 23.76 | 22.4 | 6.133 | 0.161 | 0.258 | Normal |
| 24608 PANAMA AVE | 22 | 100% | 11.6 | 58.8 | 25.82 | 24.85 | 9.14 | 2.208 | 0.354 | -- |
| 24608 RAVENNA AVE | 40 | 100% | 9.67 | 39.2 | 24.52 | 25.35 | 7.103 | -0.241 | 0.29 | Normal |
| 24609 NEPTUNE AVE | 30 | 100% | 15.5 | 43.8 | 32.11 | 33.05 | 7.051 | -0.594 | 0.22 | Normal |
| 24609 PANAMA AVE | 34 | 100% | 10.5 | 38.9 | 25.74 | 25.8 | 6.457 | 0.0655 | 0.251 | Normal |
| 24609 RAVENNA AVE | 45 | 100% | 10.8 | 36 | 22.37 | 21 | 5.66 | 0.306 | 0.253 | Normal |
| 24612 MARBELLA AVE | 51 | 100% | 20.6 | 52.5 | 36.66 | 38.4 | 8.105 | -0.289 | 0.221 | Normal |
| 24612 NEPTUNE AVE | 47 | 100% | 14.2 | 36.4 | 26.88 | 28.3 | 4.557 | -0.922 | 0.17 | -- |
| 24612 PANAMA AVE | 33 | 100% | 18.9 | 37.5 | 25.18 | 23.3 | 5.325 | 0.585 | 0.212 | -- |
| 24612 RAVENNA AVE | 46 | 100% | 11.9 | 48.2 | 25.28 | 25.55 | 7.358 | 0.925 | 0.291 | Normal |
| 24613 MARBELLA AVE | 52 | 100% | 27.9 | 68.5 | 42.35 | 42 | 6.754 | 1.168 | 0.159 | Lognormal |
| 24613 NEPTUNE AVE | 39 | 100% | 20.4 | 42 | 32.65 | 32.4 | 4.713 | -0.518 | 0.144 | Normal |
| 24613 PANAMA AVE | 51 | 100% | 19.6 | 44.2 | 26.14 | 24.8 | 5.726 | 1.195 | 0.219 | -- |
| 24613 RAVENNA AVE | 33 | 100% | 17 | 35.6 | 24.69 | 23.5 | 4.754 | 0.405 | 0.193 | Normal |
| 24616 MARBELLA AVE | 46 | 100% | 12.3 | 51.5 | 32.15 | 32.45 | 9.306 | -0.135 | 0.289 | Normal |
| 24617 MARBELLA AVE | 34 | 100% | 19.1 | 63.7 | 45.61 | 47.5 | 8.962 | -0.994 | 0.196 | -- |
| 24618 NEPTUNE AVE | 26 | 100% | 21.8 | 34.3 | 26.78 | 25.85 | 3.252 | 0.571 | 0.121 | Normal |
| 24618 PANAMA AVE | 28 | 100% | 15.7 | 39.1 | 24.54 | 23.2 | 6.892 | 0.778 | 0.281 | Lognormal |
| 24618 RAVENNA AVE | 40 | 100% | 18.4 | 35.1 | 25.74 | 25.5 | 5.06 | 0.0889 | 0.197 | -- |
| 24619 NEPTUNE AVE | 28 | 100% | 24.4 | 42.3 | 32.18 | 32.05 | 4.679 | 0.306 | 0.145 | Normal |
| 24619 PANAMA AVE | 38 | 100% | 13.4 | 35.8 | 23.68 | 24 | 4.855 | -0.0255 | 0.205 | Normal |
| 24619 RAVENNA AVE | 35 | 100% | 18.4 | 32.2 | 25.39 | 25.5 | 4.697 | -0.0457 | 0.185 | -- |
| 24622 MARBELLA AVE | 53 | 100% | 12 | 50.1 | 32.89 | 35 | 10.05 | -0.203 | 0.306 | Normal |
| 24622 NEPTUNE AVE | 34 | 100% | 19.1 | 37 | 27.9 | 28.25 | 4.945 | 0.0855 | 0.177 | Normal |
| 24623 MARBELLA AVE | 32 | 100% | 28.1 | 67.1 | 42.33 | 42.1 | 7.025 | 0.995 | 0.166 | -- |
| 24623 NEPTUNE AVE | 36 | 100% | 28.6 | 40.5 | 34.31 | 34.65 | 3.058 | 0.0026 | 0.0891 | Normal |
| 24627 MARBELLA AVE | 48 | 100% | 23.1 | 75.2 | 40.61 | 40.75 | 9.711 | 0.91 | 0.239 | Normal |
| 24628 MARBELLA AVE | 52 | 100% | 10.1 | 55.6 | 32.98 | 34.2 | 11.3 | -0.359 | 0.343 | Normal |
| 24628 NEPTUNE AVE | 18 | 100% | 16.5 | 34.6 | 23.52 | 23.3 | 4.916 | 0.604 | 0.209 | Normal |
| 24629 NEPTUNE AVE | 39 | 100% | 23.6 | 38.4 | 30.69 | 31.3 | 3.875 | -0.138 | 0.126 | Normal |
| 24632 NEPTUNE AVE | 20 | 100% | 16.7 | 42.1 | 27.6 | 27.45 | 5.419 | 0.608 | 0.196 | Normal |
| 24633 MARBELLA AVE | 40 | 100% | 20.4 | 82.2 | 36.92 | 36.1 | 10.44 | 2.033 | 0.283 | Lognormal |
| 24700 MARBELLA AVE | 46 | 100% | 10.8 | 45.7 | 31.09 | 32 | 6.738 | -0.881 | 0.217 | -- |
| 24700 RAVENNA AVE | 56 | 100% | 17.5 | 40.3 | 25.67 | 25.35 | 5.199 | 0.524 | 0.203 | Normal |
| 24702 NEPTUNE AVE | 46 | 100% | 20.3 | 36.1 | 27.25 | 26.85 | 3.56 | 0.495 | 0.131 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.8**
**Summary of Descriptive Statistics for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24702 PANAMA AVE | 30 | 100% | 18.5 | 38.7 | 26.4 | 25.65 | 4.656 | 0.869 | 0.176 | Normal |
| 24703 MARBELLA AVE | 36 | 100% | 19.1 | 49.9 | 35.63 | 38.15 | 9.181 | -0.346 | 0.258 | -- |
| 24703 NEPTUNE AVE | 39 | 100% | 21.6 | 42.9 | 31.17 | 30.8 | 4.528 | 0.438 | 0.145 | Normal |
| 24703 RAVENNA AVE | 53 | 100% | 18.3 | 37.7 | 28.27 | 29 | 4.666 | -0.247 | 0.165 | Normal |
| 24706 MARBELLA AVE | 43 | 100% | 13.1 | 42.3 | 31.13 | 32.5 | 6.813 | -0.69 | 0.219 | Normal |
| 24706 RAVENNA AVE | 33 | 100% | 19.5 | 40 | 27.26 | 26.6 | 5.172 | 0.663 | 0.19 | Normal |
| 24707 MARBELLA AVE | 37 | 100% | 22.6 | 47.9 | 33.44 | 33.1 | 6.948 | 0.211 | 0.208 | Normal |
| 24708 PANAMA AVE | 37 | 100% | 18 | 42.1 | 27.46 | 28.3 | 6.016 | 0.187 | 0.219 | Normal |
| 24709 NEPTUNE AVE | 37 | 100% | 20.2 | 38.6 | 29.44 | 29.5 | 4.329 | 0.136 | 0.147 | Normal |
| 24709 PANAMA AVE | 43 | 100% | 15.9 | 31.8 | 25.43 | 25.6 | 3.76 | -0.421 | 0.148 | Normal |
| 24709 RAVENNA AVE | 52 | 100% | 19.1 | 35.7 | 27.49 | 27.6 | 4.053 | -0.144 | 0.147 | Normal |
| 24710 MARBELLA AVE | 43 | 100% | 12.3 | 51 | 33.89 | 33.8 | 7.267 | -0.223 | 0.214 | Normal |
| 24712 NEPTUNE AVE | 32 | 100% | 18.7 | 37.1 | 28.77 | 28.5 | 4.087 | 0.18 | 0.142 | Normal |
| 24712 PANAMA AVE | 27 | 100% | 16.4 | 38.8 | 27.5 | 27 | 4.601 | 0.201 | 0.167 | -- |
| 24712 RAVENNA AVE | 45 | 100% | 19.8 | 34.9 | 25.57 | 25.2 | 3.471 | 0.617 | 0.136 | Normal |
| 24713 MARBELLA AVE | 37 | 100% | 19.7 | 45.4 | 33.02 | 33.9 | 7.095 | -0.249 | 0.215 | Normal |
| 24713 PANAMA AVE | 34 | 100% | 21 | 40 | 29.97 | 30.2 | 5.016 | 0.0663 | 0.167 | Normal |
| 24713 RAVENNA AVE | 35 | 100% | 17.8 | 36.2 | 25.71 | 25.5 | 5.038 | 0.164 | 0.196 | Normal |
| 24715 NEPTUNE AVE | 37 | 100% | 21.5 | 38.6 | 30.59 | 30.5 | 4.193 | -0.106 | 0.137 | Normal |
| 24716 MARBELLA AVE | 30 | 100% | 21.4 | 42.1 | 33.96 | 33.7 | 5.697 | -0.438 | 0.168 | Normal |
| 24716 RAVENNA AVE | 15 | 100% | 18.4 | 29.8 | 23.3 | 23.5 | 3.075 | 0.385 | 0.132 | Normal |
| 24717 MARBELLA AVE | 38 | 100% | 18.3 | 41.2 | 27.52 | 25.75 | 6.898 | 0.472 | 0.251 | Lognormal |
| 24718 NEPTUNE AVE | 65 | 100% | 15.7 | 36.3 | 24.82 | 25.1 | 5.664 | 0.048 | 0.228 | -- |
| 24718 PANAMA AVE | 33 | 100% | 17.1 | 35.4 | 26.44 | 26.4 | 4.803 | 0.00825 | 0.182 | Normal |
| 24719 NEPTUNE AVE | 33 | 100% | 13.1 | 39.1 | 28.43 | 27.4 | 5.997 | -0.0572 | 0.211 | Normal |
| 24719 PANAMA AVE | 28 | 100% | 22.8 | 38.6 | 28.04 | 27.6 | 4.452 | 0.738 | 0.159 | Normal |
| 24719 RAVENNA AVE | 45 | 100% | 17.2 | 34.9 | 26.33 | 27.1 | 5.059 | -0.4 | 0.192 | Normal |
| 24722 MARBELLA AVE | 34 | 100% | 16.8 | 42.8 | 29.3 | 29.25 | 6.388 | -0.0252 | 0.218 | Normal |
| 24722 NEPTUNE AVE | 40 | 100% | 6.22 | 31.2 | 23.02 | 23.35 | 5.124 | -0.748 | 0.223 | Normal |
| 24722 PANAMA AVE | 18 | 100% | 15.2 | 35.8 | 23.37 | 24.15 | 5.606 | 0.354 | 0.24 | Normal |
| 24722 RAVENNA AVE | 41 | 100% | 16 | 33.8 | 23.84 | 24 | 4.819 | 0.233 | 0.202 | Normal |
| 24723 MARBELLA AVE | 22 | 100% | 9.24 | 40.9 | 27.61 | 29.1 | 7.971 | -0.582 | 0.289 | Normal |
| 24723 RAVENNA AVE | 37 | 100% | 16 | 31.6 | 23.4 | 24 | 4.973 | -0.0113 | 0.213 | -- |
| 24725 NEPTUNE AVE | 35 | 100% | 17.2 | 31.3 | 24.85 | 25.8 | 4.129 | -0.405 | 0.166 | Normal |
| 24726 MARBELLA AVE | 49 | 100% | 11.1 | 53 | 34.06 | 34.7 | 8.325 | -0.936 | 0.244 | -- |
| 24726 RAVENNA AVE | 37 | 100% | 11.5 | 33.3 | 22.54 | 23.4 | 5.8 | -0.0984 | 0.257 | Normal |
| 24727 MARBELLA AVE | 40 | 100% | 10.9 | 47.6 | 28.59 | 30.2 | 8.437 | -0.5 | 0.295 | -- |
| 24728 NEPTUNE AVE | 33 | 100% | 15.7 | 34.7 | 22.53 | 21.5 | 4.854 | 0.5 | 0.215 | -- |
| 24728 PANAMA AVE | 31 | 100% | 14.7 | 34 | 25.13 | 26.1 | 5.423 | -0.378 | 0.216 | -- |
| 24729 NEPTUNE AVE | 35 | 100% | 15 | 37.6 | 25.28 | 25 | 4.726 | 0.267 | 0.187 | Normal |
| 24729 PANAMA AVE | 34 | 100% | 16.8 | 40.1 | 25.38 | 23.6 | 6.751 | 0.797 | 0.266 | -- |
| 24729 RAVENNA AVE | 16 | 100% | 15.8 | 36.4 | 22.74 | 19.85 | 6.036 | 1.04 | 0.265 | Lognormal |
| 24732 MARBELLA AVE | 37 | 100% | 4.74 | 43.7 | 27.94 | 27.1 | 9.453 | -0.403 | 0.338 | Normal |
| 24732 NEPTUNE AVE | 35 | 100% | 15.7 | 35.5 | 24.65 | 25 | 5.037 | 0.343 | 0.204 | Normal |
| 24732 PANAMA AVE | 33 | 100% | 14.9 | 39 | 25.26 | 24.7 | 6.082 | 0.242 | 0.241 | Normal |
| 24732 RAVENNA AVE | 42 | 100% | 15.6 | 32.1 | 23.23 | 23.8 | 4.575 | -0.0593 | 0.197 | Normal |
| 24733 MARBELLA AVE | 32 | 100% | 7.83 | 43.4 | 28.85 | 30.35 | 9.697 | -0.339 | 0.336 | Normal |
| 24733 PANAMA AVE | 38 | 100% | 18.4 | 38.5 | 28.33 | 28.5 | 6.296 | 0.076 | 0.222 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.8**
**Summary of Descriptive Statistics for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24733 RAVENNA AVE | 40 | 100% | 17 | 33.3 | 22.78 | 21.15 | 5.099 | 0.694 | 0.224 | -- |
| 24735 NEPTUNE AVE | 36 | 100% | 14.4 | 35.1 | 24.33 | 23.6 | 5.723 | 0.442 | 0.235 | Lognormal |
| 24736 MARBELLA AVE | 52 | 100% | 12.7 | 43.7 | 29.81 | 30.4 | 7.11 | -0.24 | 0.238 | Normal |
| 24736 RAVENNA AVE | 43 | 100% | 19 | 31.8 | 26.19 | 25.6 | 3.17 | 0.0101 | 0.121 | Normal |
| 24737 MARBELLA AVE | 28 | 100% | 20.9 | 39.7 | 27.59 | 26.4 | 5.872 | 0.78 | 0.213 | -- |
| 24738 NEPTUNE AVE | 51 | 100% | 17.9 | 34.6 | 25.67 | 25.4 | 4.157 | 0.214 | 0.162 | Normal |
| 24738 PANAMA AVE | 32 | 100% | 12.4 | 42.3 | 24.51 | 22.95 | 7.188 | 0.435 | 0.293 | Normal |
| 24739 NEPTUNE AVE | 41 | 100% | 18.5 | 34.9 | 24.53 | 24.2 | 4.441 | 0.428 | 0.181 | -- |
| 24739 PANAMA AVE | 43 | 100% | 16.3 | 37 | 25.53 | 26.1 | 5.67 | 0.0445 | 0.222 | Normal |
| 24739 RAVENNA AVE | 42 | 100% | 8.72 | 35.6 | 24.03 | 23.8 | 5.496 | -0.259 | 0.229 | Normal |
| 24740 MARBELLA AVE | 64 | 100% | 12.8 | 36.9 | 26.36 | 26.8 | 5.121 | -0.239 | 0.194 | Normal |
| 24741 MARBELLA AVE | 12 | 100% | 20.5 | 35.3 | 28.2 | 27.8 | 4.772 | 0.203 | 0.169 | Normal |
| 24743 RAVENNA AVE | 42 | 100% | 19.2 | 33.6 | 26 | 25.65 | 3.324 | 0.0901 | 0.128 | Normal |
| 24744 MARBELLA AVE | 25 | 100% | 18.2 | 43 | 26.55 | 24.9 | 5.884 | 1.068 | 0.222 | Normal |
| 24748 RAVENNA AVE | 24 | 100% | 22.1 | 34.3 | 28.15 | 28.25 | 2.921 | 0.052 | 0.104 | Normal |
| 24749 RAVENNA AVE | 43 | 100% | 17 | 40.7 | 25.23 | 25.2 | 3.756 | 1.257 | 0.149 | -- |
| 24752 RAVENNA AVE | 45 | 100% | 18.7 | 33 | 24.69 | 24.9 | 3.552 | 0.34 | 0.144 | Normal |
| 24802 PANAMA AVE | 52 | 100% | 13.4 | 33.4 | 23.39 | 23.9 | 5.882 | -0.214 | 0.251 | -- |
| 24803 NEPTUNE AVE | 32 | 100% | 17.6 | 32.5 | 23.42 | 22.4 | 4.197 | 0.679 | 0.179 | Lognormal |
| 24803 PANAMA AVE | 18 | 100% | 15.9 | 35.4 | 22.38 | 20.2 | 6.301 | 0.844 | 0.281 | Normal |
| 24809 NEPTUNE AVE | 27 | 100% | 17.3 | 32.1 | 22.84 | 22.1 | 3.982 | 0.756 | 0.174 | Lognormal |
| 24809 PANAMA AVE | 36 | 100% | 21.2 | 38.3 | 27.66 | 27.85 | 3.584 | 0.495 | 0.13 | Normal |
| 24812 PANAMA AVE | 29 | 100% | 13.4 | 31.5 | 21.42 | 23 | 5.436 | 0.0295 | 0.254 | -- |
| 24813 PANAMA AVE | 15 | 100% | 20.4 | 38.8 | 27.47 | 26.2 | 5.951 | 0.69 | 0.217 | Normal |
| 24815 NEPTUNE AVE | 30 | 100% | 14.8 | 31.9 | 24.1 | 23.3 | 4.344 | 0.0796 | 0.18 | Normal |
| 24818 PANAMA AVE | 34 | 100% | 13.4 | 30.6 | 21.93 | 22.55 | 4.992 | -0.151 | 0.228 | Normal |
| 24819 PANAMA AVE | 34 | 100% | 18.6 | 36.1 | 23.96 | 24 | 3.593 | 1.377 | 0.15 | -- |
| 24822 PANAMA AVE | 43 | 100% | 15.1 | 33.4 | 22.78 | 23.2 | 5.31 | 0.183 | 0.233 | -- |
| 24823 PANAMA AVE | 39 | 100% | 17.5 | 33.4 | 24.66 | 24.6 | 3.079 | 0.459 | 0.125 | Normal |
| 24825 NEPTUNE AVE | 98 | 100% | 18.8 | 35.1 | 25.39 | 24.45 | 4.39 | 0.331 | 0.173 | -- |
| 24828 PANAMA AVE | 36 | 100% | 12.5 | 33.5 | 21.23 | 22.65 | 5.335 | 0.183 | 0.251 | Normal |
| 24829 PANAMA AVE | 48 | 100% | 17.6 | 36.7 | 24.05 | 23.1 | 4.141 | 1.022 | 0.172 | -- |
| 24832 PANAMA AVE | 38 | 100% | 15 | 33.4 | 23.54 | 23.5 | 4.619 | 0.0535 | 0.196 | Normal |
| 24833 PANAMA AVE | 43 | 100% | 16.8 | 39.2 | 25.24 | 23.9 | 6.061 | 0.478 | 0.24 | -- |
| 24838 PANAMA AVE | 28 | 100% | 15 | 32 | 24.22 | 24.25 | 4.21 | -0.098 | 0.174 | Normal |
| 24904 NEPTUNE AVE | 74 | 100% | 8.09 | 33.7 | 25.23 | 25.15 | 4.115 | -0.725 | 0.163 | Normal |
| 24912 NEPTUNE AVE | 36 | 100% | 14.6 | 36.2 | 22.29 | 19.2 | 6.496 | 0.735 | 0.291 | -- |
| 301 244TH ST | 29 | 100% | 14.4 | 48.4 | 33.97 | 32.2 | 8.911 | -0.0658 | 0.262 | Normal |
| 305 244TH ST | 54 | 100% | 19.9 | 59.1 | 35.15 | 34.3 | 8.229 | 0.956 | 0.234 | Lognormal |
| 311 244TH ST | 71 | 100% | 12.3 | 54.4 | 33.37 | 33.9 | 9.087 | -0.0273 | 0.272 | Normal |
| 317 244TH ST | 58 | 100% | 16.3 | 51 | 33.37 | 34.2 | 7.789 | -0.235 | 0.233 | Normal |
| 321 244TH ST | 40 | 100% | 21.9 | 71.5 | 40.32 | 38.1 | 10.8 | 0.817 | 0.268 | Normal |
| 327 244TH ST | 12 | 100% | 29 | 51.9 | 39.43 | 37.15 | 8.364 | 0.217 | 0.212 | Normal |
| 331 244TH ST | 28 | 100% | 19.9 | 59.8 | 38.39 | 37.15 | 9.435 | 0.498 | 0.246 | Normal |
| 337 244TH ST | 34 | 100% | 21.2 | 50.9 | 36.55 | 35.75 | 7.804 | 0.0309 | 0.214 | Normal |
| 341 244TH ST | 48 | 100% | 26 | 60.4 | 36.94 | 35.7 | 6.234 | 1.219 | 0.169 | Lognormal |
| 344 249TH ST | 35 | 100% | 16.3 | 39.5 | 24.62 | 22 | 7.074 | 0.915 | 0.287 | -- |
| 345 249TH ST | 93 | 100% | 16.2 | 39.1 | 25.91 | 26.4 | 4.815 | -0.34 | 0.186 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.8**
**Summary of Descriptive Statistics for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 347 244TH ST | 32 | 100% | 24.1 | 45.5 | 35.1 | 34.45 | 6.257 | 0.0458 | 0.178 | Normal |
| 348 248TH ST | 49 | 100% | 16.4 | 33.6 | 23.78 | 23 | 4.607 | 0.372 | 0.194 | Normal |
| 348 249TH ST | 51 | 100% | 15.9 | 38.7 | 24.6 | 23.4 | 6.232 | 0.599 | 0.253 | Lognormal |
| 351 244TH ST | 32 | 100% | 15.9 | 42.4 | 33.98 | 35.85 | 6.239 | -0.885 | 0.184 | Normal |
| 352 249TH ST | 32 | 100% | 15.7 | 33.2 | 22.79 | 22.45 | 4.389 | 0.333 | 0.193 | Normal |
| 353 249TH ST | 32 | 100% | 17.1 | 33.6 | 26.95 | 28.4 | 4.865 | -0.877 | 0.181 | -- |
| 354 248TH ST | 39 | 100% | 18.9 | 34.1 | 25.96 | 25.9 | 2.69 | 0.362 | 0.104 | Normal |
| 357 244TH ST | 40 | 100% | 18.3 | 44.2 | 33.22 | 33 | 7.011 | -0.177 | 0.211 | Normal |
| 357 249TH ST | 24 | 100% | 17.1 | 32.1 | 25.44 | 26.25 | 3.953 | -0.365 | 0.155 | Normal |
| 358 249TH ST | 43 | 100% | 11.4 | 31.7 | 20.25 | 19.3 | 5.638 | 0.449 | 0.278 | Normal |
| 360 248TH ST | 48 | 100% | 16.7 | 47.8 | 27.16 | 26.7 | 4.555 | 1.794 | 0.168 | -- |
| 361 244TH ST | 23 | 100% | 18.7 | 51 | 35.02 | 35.7 | 6.664 | -0.0726 | 0.19 | Normal |
| 362 249TH ST | 25 | 100% | 14.4 | 38.6 | 23.33 | 22 | 7.386 | 0.512 | 0.317 | Lognormal |
| 363 249TH ST | 27 | 100% | 18.8 | 30.6 | 24.42 | 24.1 | 2.922 | 0.209 | 0.12 | Normal |
| 364 248TH ST | 48 | 100% | 17.9 | 31.7 | 24.42 | 24.25 | 2.933 | 0.264 | 0.12 | Normal |
| 367 244TH ST | 13 | 100% | 16.3 | 45.7 | 32.06 | 32.5 | 8.264 | -0.735 | 0.258 | Normal |
| 367 249TH ST | 46 | 100% | 6.71 | 32.4 | 23.16 | 24.5 | 4.919 | -1.272 | 0.212 | -- |
| 368 249TH ST | 55 | 100% | 15.9 | 36.3 | 23.19 | 21.3 | 5.567 | 0.793 | 0.24 | -- |
| 373 249TH ST | 42 | 100% | 14.3 | 31.4 | 21.36 | 21.2 | 3.766 | 0.57 | 0.176 | Normal |
| 374 248TH ST | 120 | 100% | 7.22 | 33.9 | 25.27 | 24.75 | 3.853 | -0.564 | 0.152 | -- |
| 374 249TH ST | 27 | 100% | 11.8 | 36.3 | 23.05 | 21.1 | 6.348 | 0.743 | 0.275 | -- |
| 377 244TH ST | 32 | 100% | 26.8 | 44.8 | 35.28 | 34.95 | 4.914 | 0.426 | 0.139 | Normal |
| 377 249TH ST | 33 | 100% | 11 | 28.8 | 21.02 | 20.6 | 3.367 | -0.205 | 0.16 | Normal |
| 378 249TH ST | 41 | 100% | 15.7 | 35 | 22.45 | 20 | 5.578 | 0.984 | 0.249 | -- |
| 383 249TH ST | 32 | 100% | 15.7 | 24.8 | 20.34 | 20.45 | 2.55 | -0.165 | 0.125 | Normal |
| 402 249TH ST | 32 | 100% | 16.7 | 35.5 | 23.59 | 22.4 | 5.301 | 0.549 | 0.225 | Lognormal |
| 408 249TH ST | 24 | 100% | 17.5 | 34.5 | 23.94 | 21.6 | 5.281 | 0.632 | 0.221 | -- |
| 412 249TH ST | 77 | 100% | 15.3 | 70.7 | 26.3 | 24.4 | 9.301 | 1.696 | 0.354 | -- |
| 24703 PANAMA AVE | 62 | 1 | 16.9 | 44.2 | 26.7 | 26.55 | 4.406 | 0.835 | 0.165 | Normal |
| 24808 PANAMA AVE | 20 | 1 | 14.2 | 36.2 | 23.58 | 24.35 | 6.363 | 0.263 | 0.27 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.9**
**Summary of Descriptive Statistics for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24401 MARBELLA AVE | 33 | 100% | 27.9 | 85.7 | 49.15 | 47.6 | 12.03 | 0.937 | 0.245 | Lognormal |
| 24402 NEPTUNE AVE | 48 | 100% | 29 | 106 | 41.7 | 39.9 | 11.45 | 4.038 | 0.275 | -- |
| 24402 PANAMA AVE | 127 | 100% | 11.5 | 93.6 | 45.03 | 43.4 | 13.55 | 0.739 | 0.301 | -- |
| 24402 RAVENNA AVE | 40 | 100% | 27 | 104 | 45.71 | 42.5 | 14.94 | 2.424 | 0.327 | -- |
| 24403 NEPTUNE AVE | 46 | 100% | 28.5 | 109 | 48.22 | 44.55 | 17.52 | 1.92 | 0.363 | -- |
| 24403 RAVENNA AVE | 62 | 100% | 28.8 | 106 | 48.75 | 47.55 | 12.19 | 2.098 | 0.25 | Lognormal |
| 24405 MARBELLA AVE | 25 | 100% | 25.4 | 75.1 | 45.58 | 44 | 10.73 | 0.95 | 0.235 | Lognormal |
| 24406 MARBELLA AVE | 40 | 100% | 29.3 | 107 | 47.3 | 43.25 | 17.23 | 1.777 | 0.364 | -- |
| 24406 NEPTUNE AVE | 28 | 100% | 26.6 | 99.3 | 42.33 | 38.9 | 13.98 | 2.822 | 0.33 | -- |
| 24406 PANAMA AVE | 23 | 100% | 23.5 | 125 | 54.88 | 45.2 | 26.64 | 1.34 | 0.485 | Lognormal |
| 24406 RAVENNA AVE | 26 | 100% | 26.9 | 62.5 | 38.9 | 37.95 | 8.081 | 1.13 | 0.208 | Normal |
| 24409 NEPTUNE AVE | 24 | 100% | 32.3 | 166 | 54.4 | 43.1 | 30.13 | 2.698 | 0.554 | -- |
| 24409 RAVENNA AVE | 33 | 100% | 28.4 | 447 | 55.92 | 41.1 | 73.26 | 5.134 | 1.31 | -- |
| 24410 PANAMA AVE | 33 | 100% | 17.3 | 93 | 43.43 | 40.9 | 17.16 | 1.363 | 0.395 | Lognormal |
| 24411 MARBELLA AVE | 69 | 100% | 27.6 | 107 | 51.28 | 48.8 | 12.39 | 1.721 | 0.242 | -- |
| 24411 PANAMA AVE | 37 | 100% | 31.8 | 288 | 66.66 | 51 | 54.06 | 3.311 | 0.811 | -- |
| 24412 MARBELLA AVE | 31 | 100% | 33.4 | 477 | 79.85 | 56.3 | 84.78 | 3.838 | 1.062 | -- |
| 24412 RAVENNA AVE | 61 | 100% | 28 | 88.3 | 40.95 | 39.3 | 10.01 | 2.628 | 0.244 | -- |
| 24413 NEPTUNE AVE | 24 | 100% | 25.4 | 140 | 51.53 | 43.25 | 28.02 | 2.294 | 0.544 | -- |
| 24413 RAVENNA AVE | 28 | 100% | 20.9 | 188 | 51.2 | 37.2 | 38.53 | 2.431 | 0.753 | -- |
| 24416 MARBELLA AVE | 50 | 100% | 25.3 | 149 | 47.92 | 44.8 | 22.04 | 2.696 | 0.46 | -- |
| 24416 NEPTUNE AVE | 21 | 100% | 26.7 | 45.3 | 35.92 | 36.5 | 5.129 | 0.0267 | 0.143 | Normal |
| 24416 PANAMA AVE | 33 | 100% | 21.5 | 135 | 43.13 | 39.8 | 19.85 | 3.383 | 0.46 | -- |
| 24416 RAVENNA AVE | 42 | 100% | 26.3 | 180 | 41.65 | 37.2 | 23.25 | 5.386 | 0.558 | -- |
| 24417 MARBELLA AVE | 8 | 100% | 39.6 | 80.4 | 52.95 | 53.3 | 12.53 | 1.631 | 0.237 | Lognormal |
| 24417 PANAMA AVE | 47 | 100% | 22.2 | 64.7 | 38.89 | 37.9 | 8.279 | 0.721 | 0.213 | Normal |
| 24419 NEPTUNE AVE | 32 | 100% | 25.5 | 142 | 47.25 | 40.8 | 23.51 | 2.813 | 0.498 | -- |
| 24419 RAVENNA AVE | 32 | 100% | 19.9 | 83.6 | 37.99 | 36.35 | 12.43 | 1.834 | 0.327 | Lognormal |
| 24420 PANAMA AVE | 33 | 100% | 18.2 | 143 | 54.78 | 40.1 | 35.42 | 1.448 | 0.647 | -- |
| 24421 PANAMA AVE | 30 | 100% | 39.5 | 242 | 83.68 | 68.95 | 45.99 | 2.3 | 0.55 | Lognormal |
| 24422 MARBELLA AVE | 43 | 100% | 22.3 | 127 | 43.68 | 39.4 | 16.32 | 3.314 | 0.374 | Lognormal |
| 24422 NEPTUNE AVE | 36 | 100% | 28.8 | 115 | 45.95 | 42.25 | 17.23 | 2.578 | 0.375 | -- |
| 24422 RAVENNA AVE | 29 | 100% | 27 | 56.1 | 36.7 | 36.8 | 5.799 | 1.14 | 0.158 | Normal |
| 24423 MARBELLA AVE | 13 | 100% | 40.6 | 185 | 61.61 | 48.3 | 38.3 | 3.23 | 0.622 | -- |
| 24423 NEPTUNE AVE | 37 | 100% | 21.3 | 81.1 | 38.51 | 35.1 | 11.31 | 1.659 | 0.294 | Lognormal |
| 24423 RAVENNA AVE | 40 | 100% | 24.6 | 57.3 | 38.84 | 36.55 | 8.245 | 0.434 | 0.212 | Normal |
| 24426 MARBELLA AVE | 24 | 100% | 29.2 | 161 | 53.67 | 44.35 | 28.9 | 2.659 | 0.538 | -- |
| 24426 NEPTUNE AVE | 30 | 100% | 22.2 | 73.3 | 37.92 | 34.65 | 12.07 | 1.527 | 0.318 | -- |
| 24426 PANAMA AVE | 30 | 100% | 14.8 | 101 | 43.8 | 42.6 | 16.66 | 1.317 | 0.38 | Normal |
| 24426 RAVENNA AVE | 49 | 100% | 24.7 | 82 | 42.14 | 40.4 | 11.85 | 1.142 | 0.281 | Lognormal |
| 24427 MARBELLA AVE | 25 | 100% | 31.5 | 82.8 | 50.16 | 49.3 | 11.4 | 0.743 | 0.227 | Normal |
| 24427 PANAMA AVE | 38 | 100% | 27.1 | 248 | 45.58 | 39.5 | 34.67 | 5.66 | 0.761 | -- |
| 24429 NEPTUNE AVE | 19 | 100% | 29.1 | 71.2 | 39.54 | 36.9 | 9.008 | 2.573 | 0.228 | -- |
| 24429 RAVENNA AVE | 29 | 100% | 26.7 | 84.3 | 42.91 | 40.1 | 13.3 | 1.466 | 0.31 | Lognormal |
| 24430 PANAMA AVE | 30 | 100% | 9.11 | 178 | 38.84 | 32.7 | 29.64 | 3.798 | 0.763 | -- |
| 24431 PANAMA AVE | 35 | 100% | 29.1 | 119 | 44.67 | 42.1 | 16.92 | 3.134 | 0.379 | -- |
| 24432 MARBELLA AVE | 67 | 100% | 25.6 | 108 | 44.8 | 41.6 | 13.93 | 1.81 | 0.311 | -- |
| 24433 MARBELLA AVE | 27 | 100% | 40.3 | 113 | 57.37 | 54.4 | 15.71 | 1.784 | 0.274 | Lognormal |

Note: "--" not applicable or not idenitifed

**Table 5-1.9**
**Summary of Descriptive Statistics for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24436 PANAMA AVE | 35 | 100% | 8.67 | 65.8 | 29.38 | 28.4 | 10.84 | 1.004 | 0.369 | Normal |
| 24502 MARBELLA AVE | 51 | 100% | 22.8 | 81.5 | 44.7 | 43.4 | 13.48 | 0.852 | 0.301 | Lognormal |
| 24502 NEPTUNE AVE | 58 | 100% | 24.4 | 48.1 | 32.81 | 33.25 | 5.499 | 0.629 | 0.168 | Lognormal |
| 24502 PANAMA AVE | 48 | 100% | 5.57 | 47.2 | 27.37 | 29.15 | 8.005 | -0.38 | 0.292 | Normal |
| 24502 RAVENNA AVE | 44 | 100% | 23 | 65.1 | 36.14 | 34.15 | 8.485 | 1.61 | 0.235 | Lognormal |
| 24503 MARBELLA AVE | 29 | 100% | 32.2 | 76.9 | 44.41 | 40 | 11.05 | 1.304 | 0.249 | -- |
| 24503 NEPTUNE AVE | 60 | 100% | 12.6 | 86 | 42.12 | 41.2 | 11.44 | 1.095 | 0.272 | -- |
| 24503 PANAMA AVE | 28 | 100% | 20.9 | 52.1 | 37.43 | 37.4 | 6.123 | -0.146 | 0.164 | Normal |
| 24503 RAVENNA AVE | 34 | 100% | 23.9 | 113 | 37.87 | 34.75 | 15.81 | 3.414 | 0.417 | Lognormal |
| 24506 MARBELLA AVE | 36 | 100% | 29 | 94.4 | 49.22 | 48.5 | 11.47 | 1.646 | 0.233 | Lognormal |
| 24507 MARBELLA AVE | 36 | 100% | 34.1 | 78 | 53.34 | 53.3 | 10.6 | 0.239 | 0.199 | -- |
| 24508 NEPTUNE AVE | 40 | 100% | 26.9 | 64.4 | 38.45 | 37.35 | 7.61 | 1.177 | 0.198 | Normal |
| 24508 PANAMA AVE | 24 | 100% | 9.83 | 47.1 | 27.96 | 30.85 | 9.264 | -0.25 | 0.331 | -- |
| 24508 RAVENNA AVE | 39 | 100% | 24.2 | 163 | 42.72 | 38.1 | 24.84 | 3.96 | 0.581 | -- |
| 24509 NEPTUNE AVE | 31 | 100% | 26.5 | 87.4 | 43.08 | 39.3 | 14.24 | 1.64 | 0.331 | -- |
| 24509 PANAMA AVE | 47 | 100% | 25.1 | 189 | 41.17 | 35.8 | 24.91 | 4.912 | 0.605 | -- |
| 24509 RAVENNA AVE | 37 | 100% | 26.2 | 146 | 43.76 | 36.2 | 24.09 | 3.097 | 0.55 | -- |
| 24512 MARBELLA AVE | 48 | 100% | 26.3 | 69.4 | 44.5 | 42.55 | 9.439 | 0.697 | 0.212 | Lognormal |
| 24512 NEPTUNE AVE | 36 | 100% | 28.1 | 103 | 40.77 | 38.7 | 12.86 | 3.612 | 0.315 | -- |
| 24512 PANAMA AVE | 28 | 100% | 7.89 | 46.5 | 24.69 | 27.1 | 9.888 | -0.136 | 0.4 | -- |
| 24512 RAVENNA AVE | 56 | 100% | 19.9 | 82.4 | 34.4 | 32.9 | 10.98 | 2.937 | 0.319 | -- |
| 24513 NEPTUNE AVE | 37 | 100% | 19.6 | 96.2 | 41.66 | 39.5 | 14.8 | 1.833 | 0.355 | Lognormal |
| 24513 PANAMA AVE | 51 | 100% | 19.6 | 52.9 | 32.06 | 31.4 | 6.663 | 0.71 | 0.208 | Normal |
| 24513 RAVENNA AVE | 30 | 100% | 20.6 | 89.7 | 40.63 | 37.55 | 15.52 | 1.894 | 0.382 | Lognormal |
| 24516 MARBELLA AVE | 30 | 100% | 23.7 | 64.6 | 42.21 | 40.45 | 10.14 | 0.492 | 0.24 | Normal |
| 24517 MARBELLA AVE | 12 | 100% | 42.6 | 94.7 | 61.23 | 58.45 | 14.08 | 1.091 | 0.23 | Normal |
| 24518 NEPTUNE AVE | 45 | 100% | 23 | 61.1 | 36.56 | 36.8 | 7.508 | 0.63 | 0.205 | Normal |
| 24518 PANAMA AVE | 42 | 100% | 6.24 | 346 | 39.87 | 29.55 | 55.29 | 4.583 | 1.387 | -- |
| 24518 RAVENNA AVE | 30 | 100% | 25.4 | 84.3 | 39.78 | 36.8 | 12.86 | 1.84 | 0.323 | Lognormal |
| 24519 NEPTUNE AVE | 35 | 100% | 26 | 1240 | 78.45 | 38.7 | 203.1 | 5.831 | 2.588 | -- |
| 24519 PANAMA AVE | 30 | 100% | 13.1 | 87.5 | 34.58 | 32.95 | 13.7 | 2.053 | 0.396 | -- |
| 24522 MARBELLA AVE | 27 | 100% | 22.8 | 69 | 48.07 | 47.5 | 11.22 | -0.296 | 0.233 | Normal |
| 24522 NEPTUNE AVE | 28 | 100% | 28 | 56.8 | 41.2 | 40.2 | 8.253 | 0.196 | 0.2 | Normal |
| 24522 PANAMA AVE | 36 | 100% | 6.51 | 51.2 | 26.31 | 27.25 | 11.72 | -0.00595 | 0.445 | Normal |
| 24522 RAVENNA AVE | 35 | 100% | 8.08 | 52.4 | 30.76 | 31.5 | 8.63 | -0.392 | 0.281 | Normal |
| 24523 MARBELLA AVE | 45 | 100% | 21 | 106 | 49.81 | 45.9 | 16.41 | 1.427 | 0.33 | -- |
| 24523 NEPTUNE AVE | 37 | 100% | 26.6 | 86.1 | 44.13 | 41.1 | 14.86 | 1.455 | 0.337 | -- |
| 24523 RAVENNA AVE | 17 | 100% | 24.2 | 409 | 58.04 | 35.7 | 90.99 | 4.041 | 1.568 | -- |
| 24526 MARBELLA AVE | 36 | 100% | 24.9 | 79.4 | 44.12 | 43.85 | 10.66 | 0.835 | 0.242 | Normal |
| 24528 NEPTUNE AVE | 31 | 100% | 10.7 | 47 | 26.18 | 26.7 | 9.063 | 0.63 | 0.346 | Normal |
| 24528 PANAMA AVE | 39 | 100% | 7.48 | 55.9 | 25.14 | 25.4 | 10.69 | 0.842 | 0.425 | -- |
| 24529 NEPTUNE AVE | 32 | 100% | 27.6 | 86.5 | 40.71 | 35.9 | 14.44 | 2.004 | 0.355 | -- |
| 24529 PANAMA AVE | 24 | 100% | 7.42 | 47.5 | 28.03 | 30 | 9.762 | -0.429 | 0.348 | Normal |
| 24529 RAVENNA AVE | 26 | 100% | 13.3 | 195 | 45.42 | 35.55 | 37.46 | 3.085 | 0.825 | Lognormal |
| 24532 MARBELLA AVE | 27 | 100% | 27.7 | 86.3 | 54.55 | 55.3 | 14.56 | 0.0449 | 0.267 | Normal |
| 24532 NEPTUNE AVE | 21 | 100% | 14.7 | 121 | 48.38 | 50.5 | 28.73 | 0.953 | 0.594 | Normal |
| 24532 PANAMA AVE | 23 | 100% | 14.1 | 95 | 32.07 | 29.7 | 15.18 | 3.432 | 0.473 | -- |
| 24532 RAVENNA AVE | 29 | 100% | 8.38 | 41.6 | 27.17 | 28.6 | 8.451 | -0.704 | 0.311 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.9**
**Summary of Descriptive Statistics for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24533 MARBELLA AVE | 25 | 100% | 37.4 | 480 | 80.84 | 59.8 | 86.54 | 4.435 | 1.071 | -- |
| 24533 PANAMA AVE | 29 | 100% | 8.75 | 297 | 35.36 | 27.3 | 51 | 5.158 | 1.443 | -- |
| 24533 RAVENNA AVE | 52 | 100% | 8.45 | 88.9 | 28.53 | 28.55 | 13.16 | 2.403 | 0.461 | -- |
| 24602 MARBELLA AVE | 34 | 100% | 25.3 | 73 | 47.63 | 46.95 | 12.16 | 0.48 | 0.255 | Lognormal |
| 24602 NEPTUNE AVE | 33 | 100% | 16.6 | 56.9 | 30.05 | 29.6 | 9.838 | 1.265 | 0.327 | Lognormal |
| 24602 PANAMA AVE | 40 | 100% | 8.06 | 79.3 | 33.1 | 32.55 | 12.16 | 1.644 | 0.367 | -- |
| 24602 RAVENNA AVE | 28 | 100% | 12.4 | 43.4 | 27.82 | 27.9 | 6.927 | -0.154 | 0.249 | Normal |
| 24603 MARBELLA AVE | 26 | 100% | 37.4 | 111 | 60.6 | 56.1 | 18.21 | 1.589 | 0.3 | -- |
| 24603 NEPTUNE AVE | 49 | 100% | 12.6 | 83.8 | 30.57 | 28.8 | 11.61 | 2.17 | 0.38 | Lognormal |
| 24603 PANAMA AVE | 30 | 100% | 23.3 | 42.9 | 33.69 | 35.75 | 5.901 | -0.285 | 0.175 | -- |
| 24603 RAVENNA AVE | 31 | 100% | 14.9 | 84.7 | 29.7 | 26.8 | 13.32 | 2.483 | 0.448 | Lognormal |
| 24606 MARBELLA AVE | 63 | 100% | 13 | 71.9 | 40.74 | 42.4 | 13.39 | 0.113 | 0.329 | Normal |
| 24607 MARBELLA AVE | 31 | 100% | 6.89 | 148 | 48.25 | 43.7 | 25.72 | 2.297 | 0.533 | -- |
| 24608 NEPTUNE AVE | 37 | 100% | 14.3 | 160 | 45.09 | 29.7 | 35.56 | 1.893 | 0.789 | -- |
| 24608 PANAMA AVE | 22 | 100% | 13.7 | 62.3 | 31.95 | 31 | 10.92 | 1.161 | 0.342 | Lognormal |
| 24608 RAVENNA AVE | 40 | 100% | 11 | 91 | 32.14 | 29.55 | 16.2 | 2.041 | 0.504 | -- |
| 24609 NEPTUNE AVE | 30 | 100% | 15.9 | 63 | 36.81 | 35.8 | 12.02 | 0.259 | 0.326 | Normal |
| 24609 PANAMA AVE | 34 | 100% | 14.7 | 50.5 | 29.6 | 28.85 | 8.485 | 0.807 | 0.287 | Lognormal |
| 24609 RAVENNA AVE | 45 | 100% | 13.3 | 81 | 25.84 | 24.1 | 10.41 | 3.655 | 0.403 | -- |
| 24612 MARBELLA AVE | 51 | 100% | 23 | 176 | 45.37 | 45.7 | 21.46 | 4.531 | 0.473 | -- |
| 24612 NEPTUNE AVE | 47 | 100% | 18.5 | 140 | 32.91 | 29.2 | 18.92 | 4.578 | 0.575 | -- |
| 24612 PANAMA AVE | 33 | 100% | 22.8 | 43.8 | 31.24 | 31.6 | 6.08 | 0.392 | 0.195 | Normal |
| 24612 RAVENNA AVE | 46 | 100% | 16.1 | 174 | 32.7 | 28.85 | 25.66 | 4.512 | 0.785 | -- |
| 24613 MARBELLA AVE | 52 | 100% | 33.4 | 66.8 | 49.46 | 51.2 | 8.71 | -0.18 | 0.176 | Normal |
| 24613 NEPTUNE AVE | 39 | 100% | 29 | 85.5 | 48.54 | 48.5 | 10.52 | 1.345 | 0.217 | Lognormal |
| 24613 PANAMA AVE | 51 | 100% | 20.5 | 80.7 | 33.82 | 31.5 | 11.68 | 2.203 | 0.345 | Lognormal |
| 24613 RAVENNA AVE | 33 | 100% | 21.3 | 47.6 | 28.25 | 26.5 | 6.144 | 1.337 | 0.217 | Lognormal |
| 24616 MARBELLA AVE | 46 | 100% | 12.2 | 68.7 | 38.86 | 39.15 | 13.98 | 0.207 | 0.36 | Normal |
| 24617 MARBELLA AVE | 34 | 100% | 25 | 104 | 56.73 | 53.05 | 18.19 | 0.994 | 0.321 | Lognormal |
| 24618 NEPTUNE AVE | 26 | 100% | 24.1 | 60.5 | 35.44 | 31.9 | 10.28 | 1.372 | 0.29 | -- |
| 24618 PANAMA AVE | 28 | 100% | 17.7 | 52.6 | 31.64 | 30 | 9.925 | 0.615 | 0.314 | Normal |
| 24618 RAVENNA AVE | 40 | 100% | 20 | 37.2 | 25.93 | 26.35 | 4.141 | 0.596 | 0.16 | Normal |
| 24619 NEPTUNE AVE | 28 | 100% | 28 | 69.8 | 39.19 | 38 | 9.55 | 1.374 | 0.244 | Lognormal |
| 24619 PANAMA AVE | 38 | 100% | 15.3 | 42.5 | 29.98 | 30.1 | 6.39 | -0.0388 | 0.213 | Normal |
| 24619 RAVENNA AVE | 35 | 100% | 20.4 | 42.9 | 28.24 | 26.4 | 5.486 | 0.984 | 0.194 | Lognormal |
| 24622 MARBELLA AVE | 53 | 100% | 9.62 | 146 | 43.92 | 40.4 | 22.71 | 1.986 | 0.517 | Lognormal |
| 24622 NEPTUNE AVE | 34 | 100% | 21.1 | 56.6 | 34.01 | 32.9 | 8.752 | 0.838 | 0.257 | Normal |
| 24623 MARBELLA AVE | 32 | 100% | 26.8 | 92.1 | 52.73 | 52.75 | 10.93 | 1.151 | 0.207 | Lognormal |
| 24623 NEPTUNE AVE | 36 | 100% | 25.1 | 115 | 40.21 | 37.1 | 15.91 | 3.514 | 0.396 | -- |
| 24627 MARBELLA AVE | 48 | 100% | 27 | 100 | 53.38 | 53.7 | 14.43 | 0.749 | 0.27 | Normal |
| 24628 MARBELLA AVE | 52 | 100% | 12.1 | 89 | 42.18 | 41.9 | 17.97 | 0.609 | 0.426 | Normal |
| 24628 NEPTUNE AVE | 18 | 100% | 17.8 | 34.4 | 25.97 | 25.7 | 4.419 | 0.183 | 0.17 | Normal |
| 24629 NEPTUNE AVE | 39 | 100% | 26.5 | 126 | 40.92 | 36.4 | 17.04 | 3.681 | 0.416 | -- |
| 24632 NEPTUNE AVE | 20 | 100% | 25.5 | 119 | 40.69 | 32.05 | 22.06 | 2.848 | 0.542 | -- |
| 24633 MARBELLA AVE | 40 | 100% | 26.8 | 122 | 59.14 | 60.7 | 20.92 | 0.703 | 0.354 | Normal |
| 24700 MARBELLA AVE | 46 | 100% | 13.8 | 176 | 44.45 | 38.2 | 24.26 | 3.893 | 0.546 | -- |
| 24700 RAVENNA AVE | 56 | 100% | 19.4 | 58 | 31.44 | 29.15 | 7.774 | 1.22 | 0.247 | -- |
| 24702 NEPTUNE AVE | 46 | 100% | 24.2 | 139 | 48.84 | 37.45 | 28.03 | 1.678 | 0.574 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.9**
**Summary of Descriptive Statistics for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24702 PANAMA AVE | 30 | 100% | 21.7 | 190 | 47.32 | 32.95 | 38.71 | 2.749 | 0.818 | -- |
| 24703 MARBELLA AVE | 36 | 100% | 21.5 | 153 | 52.8 | 46.95 | 28.32 | 2.298 | 0.536 | Lognormal |
| 24703 NEPTUNE AVE | 39 | 100% | 24.6 | 75.4 | 38.23 | 36 | 10.45 | 1.769 | 0.273 | Lognormal |
| 24703 RAVENNA AVE | 53 | 100% | 20.3 | 69.8 | 31.08 | 28.9 | 8.238 | 2.349 | 0.265 | Lognormal |
| 24706 MARBELLA AVE | 43 | 100% | 15.6 | 145 | 39.89 | 37.1 | 19.09 | 4.045 | 0.479 | -- |
| 24706 RAVENNA AVE | 33 | 100% | 23.1 | 63.8 | 38.18 | 39.3 | 10.67 | 0.586 | 0.279 | Normal |
| 24707 MARBELLA AVE | 37 | 100% | 24.8 | 58.3 | 39.87 | 36.3 | 10.63 | 0.341 | 0.267 | Lognormal |
| 24708 PANAMA AVE | 37 | 100% | 19.9 | 122 | 43.18 | 39.5 | 21.12 | 1.911 | 0.489 | Lognormal |
| 24709 NEPTUNE AVE | 37 | 100% | 21.7 | 123 | 40.34 | 36.6 | 18.05 | 3.421 | 0.447 | -- |
| 24709 PANAMA AVE | 43 | 100% | 21.4 | 87.3 | 38.8 | 34.3 | 13.52 | 1.707 | 0.349 | Lognormal |
| 24709 RAVENNA AVE | 52 | 100% | 21.6 | 57.3 | 35.79 | 30.5 | 10.67 | 0.471 | 0.298 | -- |
| 24710 MARBELLA AVE | 43 | 100% | 14.6 | 197 | 45.93 | 39.6 | 27.13 | 4.271 | 0.591 | Lognormal |
| 24712 NEPTUNE AVE | 32 | 100% | 21.3 | 138 | 35.42 | 30.5 | 20.11 | 4.622 | 0.568 | -- |
| 24712 PANAMA AVE | 27 | 100% | 19.7 | 72.9 | 34.51 | 31.9 | 9.544 | 2.672 | 0.277 | -- |
| 24712 RAVENNA AVE | 45 | 100% | 23.6 | 120 | 36.39 | 31.7 | 17.78 | 3.335 | 0.488 | -- |
| 24713 MARBELLA AVE | 37 | 100% | 20.7 | 56.4 | 37.64 | 33.6 | 10.59 | 0.306 | 0.281 | Normal |
| 24713 PANAMA AVE | 34 | 100% | 20 | 77 | 36.44 | 33 | 10.88 | 2.079 | 0.299 | -- |
| 24713 RAVENNA AVE | 35 | 100% | 21.3 | 70.3 | 28.24 | 27.2 | 8.502 | 3.86 | 0.301 | -- |
| 24715 NEPTUNE AVE | 37 | 100% | 24.7 | 58.3 | 36.95 | 37.4 | 7.407 | 0.668 | 0.2 | Normal |
| 24716 MARBELLA AVE | 30 | 100% | 24.4 | 106 | 43.33 | 39.75 | 15.37 | 2.47 | 0.355 | Lognormal |
| 24716 RAVENNA AVE | 15 | 100% | 25 | 51.1 | 31.86 | 28.9 | 7.074 | 1.537 | 0.222 | Lognormal |
| 24717 MARBELLA AVE | 38 | 100% | 22 | 61.2 | 35.24 | 32.8 | 10.07 | 0.914 | 0.286 | Lognormal |
| 24718 NEPTUNE AVE | 65 | 100% | 19.9 | 42.2 | 27.27 | 26.5 | 4.889 | 0.827 | 0.179 | Lognormal |
| 24718 PANAMA AVE | 33 | 100% | 18.6 | 102 | 40.59 | 35.4 | 18.63 | 2.183 | 0.459 | Lognormal |
| 24719 NEPTUNE AVE | 33 | 100% | 18.1 | 175 | 53.78 | 40 | 37.52 | 2.021 | 0.698 | -- |
| 24719 PANAMA AVE | 28 | 100% | 23.3 | 240 | 46.05 | 34.45 | 40.91 | 4.275 | 0.888 | -- |
| 24719 RAVENNA AVE | 45 | 100% | 20.5 | 66.5 | 29.56 | 28.5 | 7.765 | 2.681 | 0.263 | -- |
| 24722 MARBELLA AVE | 34 | 100% | 16.6 | 62.2 | 35.11 | 34.05 | 11.23 | 0.816 | 0.32 | Lognormal |
| 24722 NEPTUNE AVE | 40 | 100% | 7.06 | 70.5 | 28.72 | 26.2 | 11.17 | 2.301 | 0.389 | -- |
| 24722 PANAMA AVE | 18 | 100% | 18.2 | 57.4 | 29.14 | 29.55 | 9.048 | 1.758 | 0.311 | Lognormal |
| 24722 RAVENNA AVE | 41 | 100% | 13.8 | 61.5 | 28.62 | 26.7 | 10.61 | 1.719 | 0.371 | -- |
| 24723 MARBELLA AVE | 22 | 100% | 9.44 | 123 | 37.23 | 30 | 22.82 | 2.681 | 0.613 | -- |
| 24723 RAVENNA AVE | 37 | 100% | 18.5 | 131 | 33.48 | 25.8 | 22.33 | 3.09 | 0.667 | -- |
| 24725 NEPTUNE AVE | 35 | 100% | 19.7 | 110 | 33 | 28.9 | 17.57 | 3.107 | 0.532 | -- |
| 24726 MARBELLA AVE | 49 | 100% | 11.3 | 88.8 | 41.08 | 38.2 | 15.41 | 0.882 | 0.375 | -- |
| 24726 RAVENNA AVE | 37 | 100% | 12.8 | 68.6 | 27.12 | 27.8 | 9.108 | 2.559 | 0.336 | Lognormal |
| 24727 MARBELLA AVE | 40 | 100% | 12.4 | 142 | 36.67 | 34.15 | 20.44 | 3.556 | 0.557 | -- |
| 24728 NEPTUNE AVE | 33 | 100% | 17.8 | 80.8 | 26.35 | 25 | 10.47 | 4.624 | 0.397 | -- |
| 24728 PANAMA AVE | 31 | 100% | 17.7 | 174 | 56.47 | 37.7 | 41.05 | 1.293 | 0.727 | -- |
| 24729 NEPTUNE AVE | 35 | 100% | 22.3 | 137 | 39.3 | 31.8 | 21.58 | 3.142 | 0.549 | -- |
| 24729 PANAMA AVE | 34 | 100% | 18.7 | 73.7 | 27.26 | 26.45 | 9.131 | 4.146 | 0.335 | -- |
| 24729 RAVENNA AVE | 16 | 100% | 19.9 | 106 | 33.39 | 27.85 | 20.38 | 3.383 | 0.61 | -- |
| 24732 MARBELLA AVE | 37 | 100% | 7.85 | 63.3 | 31.34 | 28.3 | 12.77 | 0.764 | 0.408 | Normal |
| 24732 NEPTUNE AVE | 35 | 100% | 20.4 | 93.4 | 31.86 | 27.9 | 14.11 | 3.099 | 0.443 | -- |
| 24732 PANAMA AVE | 33 | 100% | 16.5 | 148 | 34.22 | 30.4 | 22.78 | 4.191 | 0.665 | -- |
| 24732 RAVENNA AVE | 42 | 100% | 17.4 | 53.6 | 27.86 | 27.6 | 6.089 | 1.685 | 0.219 | Lognormal |
| 24733 MARBELLA AVE | 32 | 100% | 10.8 | 57.9 | 35.53 | 34.95 | 11.85 | 0.186 | 0.334 | Normal |
| 24733 PANAMA AVE | 38 | 100% | 22.5 | 90.7 | 40.82 | 39.05 | 13.66 | 1.946 | 0.335 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.9**
**Summary of Descriptive Statistics for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24733 RAVENNA AVE | 40 | 100% | 22.1 | 49.6 | 31.3 | 29.65 | 6.961 | 1.095 | 0.222 | Lognormal |
| 24735 NEPTUNE AVE | 36 | 100% | 14.3 | 66.1 | 29.38 | 27.35 | 9.463 | 2.018 | 0.322 | -- |
| 24736 MARBELLA AVE | 52 | 100% | 14.3 | 113 | 40.51 | 34.6 | 20.56 | 1.821 | 0.508 | Lognormal |
| 24736 RAVENNA AVE | 43 | 100% | 22.1 | 50.8 | 30.96 | 30 | 5.57 | 1.856 | 0.18 | -- |
| 24737 MARBELLA AVE | 28 | 100% | 24.7 | 265 | 43.29 | 36.2 | 44.04 | 5.066 | 1.017 | -- |
| 24738 NEPTUNE AVE | 51 | 100% | 22.6 | 56.3 | 32.79 | 31.7 | 8.153 | 1.399 | 0.249 | -- |
| 24738 PANAMA AVE | 32 | 100% | 14 | 101 | 34.62 | 30.05 | 16.22 | 2.382 | 0.469 | Lognormal |
| 24739 NEPTUNE AVE | 41 | 100% | 22.1 | 90.1 | 37.8 | 31.2 | 15.91 | 1.871 | 0.421 | -- |
| 24739 PANAMA AVE | 43 | 100% | 18.6 | 54 | 29.97 | 30 | 7.218 | 1.195 | 0.241 | Lognormal |
| 24739 RAVENNA AVE | 42 | 100% | 14 | 52.7 | 28.66 | 27.6 | 7.722 | 1.56 | 0.269 | -- |
| 24740 MARBELLA AVE | 64 | 100% | 17.1 | 71.6 | 36.97 | 31.3 | 13.83 | 0.783 | 0.374 | -- |
| 24741 MARBELLA AVE | 12 | 100% | 19.3 | 64.8 | 36.89 | 33 | 11.88 | 1.184 | 0.322 | Normal |
| 24743 RAVENNA AVE | 42 | 100% | 21 | 55.2 | 30.38 | 28 | 7.975 | 1.821 | 0.263 | -- |
| 24744 MARBELLA AVE | 25 | 100% | 19.5 | 72.3 | 34.9 | 33.3 | 10.13 | 2.116 | 0.29 | Lognormal |
| 24748 RAVENNA AVE | 24 | 100% | 26.1 | 45.1 | 30.89 | 29.9 | 4.731 | 1.765 | 0.153 | -- |
| 24749 RAVENNA AVE | 43 | 100% | 19.4 | 85.2 | 36.92 | 32.4 | 14.81 | 1.72 | 0.401 | -- |
| 24752 RAVENNA AVE | 45 | 100% | 20.1 | 60.5 | 29.83 | 28.9 | 6.561 | 2.68 | 0.22 | -- |
| 24802 PANAMA AVE | 52 | 100% | 15.6 | 76 | 30.62 | 28.65 | 12.28 | 1.734 | 0.401 | -- |
| 24803 NEPTUNE AVE | 32 | 100% | 20.1 | 106 | 33.04 | 27.4 | 16.46 | 3.127 | 0.498 | -- |
| 24803 PANAMA AVE | 18 | 100% | 19.9 | 37.9 | 27.51 | 27.85 | 6.067 | 0.451 | 0.221 | Normal |
| 24809 NEPTUNE AVE | 27 | 100% | 19.6 | 5770 | 249.1 | 30.8 | 1104 | 5.191 | 4.431 | -- |
| 24809 PANAMA AVE | 36 | 100% | 22.8 | 48.2 | 30.68 | 28.65 | 6.459 | 1.305 | 0.211 | -- |
| 24812 PANAMA AVE | 29 | 100% | 15.1 | 49.3 | 26.41 | 25 | 9.558 | 1.013 | 0.362 | Lognormal |
| 24813 PANAMA AVE | 15 | 100% | 22.3 | 55.8 | 33.11 | 29 | 11.8 | 1.149 | 0.356 | -- |
| 24815 NEPTUNE AVE | 30 | 100% | 25.4 | 106 | 47.67 | 35.6 | 26.04 | 1.399 | 0.546 | -- |
| 24818 PANAMA AVE | 34 | 100% | 14.3 | 54.4 | 25.96 | 24.05 | 8.555 | 1.592 | 0.33 | Lognormal |
| 24819 PANAMA AVE | 34 | 100% | 22.5 | 240 | 36.21 | 27.65 | 36.65 | 5.527 | 1.012 | -- |
| 24822 PANAMA AVE | 43 | 100% | 17.9 | 330 | 42.08 | 28.7 | 60.02 | 4.352 | 1.426 | -- |
| 24823 PANAMA AVE | 39 | 100% | 21.6 | 347 | 41.03 | 29 | 51.06 | 5.954 | 1.244 | -- |
| 24825 NEPTUNE AVE | 98 | 100% | 20.9 | 125 | 35.75 | 30.35 | 17.24 | 3.145 | 0.482 | -- |
| 24828 PANAMA AVE | 36 | 100% | 17 | 85.8 | 31.44 | 29.55 | 14.57 | 2.362 | 0.463 | Lognormal |
| 24829 PANAMA AVE | 48 | 100% | 21.2 | 121 | 32.15 | 27.7 | 18.26 | 4.177 | 0.568 | -- |
| 24832 PANAMA AVE | 38 | 100% | 17.8 | 79.5 | 30.42 | 28.85 | 10.9 | 2.777 | 0.358 | Lognormal |
| 24833 PANAMA AVE | 43 | 100% | 20.8 | 97 | 32.74 | 28.5 | 13.72 | 3.63 | 0.419 | -- |
| 24838 PANAMA AVE | 28 | 100% | 18.8 | 88.1 | 40.37 | 34.25 | 18.15 | 1.647 | 0.45 | -- |
| 24904 NEPTUNE AVE | 74 | 100% | 9.53 | 85.9 | 34.32 | 31.2 | 11.06 | 2.163 | 0.322 | -- |
| 24912 NEPTUNE AVE | 36 | 100% | 19.8 | 73.1 | 33.62 | 29.95 | 12.9 | 1.638 | 0.384 | -- |
| 301 244TH ST | 29 | 100% | 24.1 | 120 | 46.65 | 42.4 | 18.47 | 2.643 | 0.396 | Lognormal |
| 305 244TH ST | 54 | 100% | 22.4 | 544 | 61.76 | 46.1 | 71.04 | 6.171 | 1.15 | -- |
| 311 244TH ST | 71 | 100% | 24.9 | 1140 | 104.2 | 54.6 | 178.9 | 4.861 | 1.717 | -- |
| 317 244TH ST | 58 | 100% | 27.3 | 158 | 55.34 | 51.05 | 22.94 | 2.88 | 0.414 | -- |
| 321 244TH ST | 40 | 100% | 29.9 | 111 | 50.19 | 48.05 | 14.8 | 1.995 | 0.295 | Lognormal |
| 327 244TH ST | 12 | 100% | 36.1 | 55.5 | 45.84 | 45 | 7.453 | 0.095 | 0.163 | Normal |
| 331 244TH ST | 28 | 100% | 21.6 | 85.5 | 45.88 | 45.15 | 11.92 | 1.196 | 0.26 | Normal |
| 337 244TH ST | 34 | 100% | 24.8 | 70 | 42.18 | 42.4 | 9.002 | 0.457 | 0.213 | Normal |
| 341 244TH ST | 48 | 100% | 29.8 | 313 | 49.99 | 43.9 | 40.44 | 6.117 | 0.809 | -- |
| 344 249TH ST | 35 | 100% | 22.7 | 109 | 36.28 | 32.3 | 15.74 | 3.423 | 0.434 | -- |
| 345 249TH ST | 93 | 100% | 21.3 | 158 | 34.27 | 30.9 | 15.6 | 5.755 | 0.455 | -- |

Note: "--" not applicable or not idenitifed

**Table 5-1.9**
**Summary of Descriptive Statistics for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 347 244TH ST | 32 | 100% | 29.1 | 114 | 51.61 | 45.55 | 22.43 | 1.473 | 0.435 | -- |
| 348 248TH ST | 49 | 100% | 19.2 | 47.3 | 28.16 | 26.6 | 7.134 | 0.978 | 0.253 | Lognormal |
| 348 249TH ST | 51 | 100% | 19.4 | 101 | 33.58 | 30.1 | 12.3 | 3.628 | 0.366 | -- |
| 351 244TH ST | 32 | 100% | 21.9 | 62.6 | 41.12 | 41.05 | 8.576 | 0.179 | 0.209 | Normal |
| 352 249TH ST | 32 | 100% | 19.6 | 85.2 | 37.95 | 32.55 | 17.54 | 1.451 | 0.462 | Lognormal |
| 353 249TH ST | 32 | 100% | 19.7 | 60.9 | 31.76 | 29.9 | 9.381 | 1.683 | 0.295 | Lognormal |
| 354 248TH ST | 39 | 100% | 23.4 | 114 | 38.03 | 29.3 | 19.57 | 2.481 | 0.515 | -- |
| 357 244TH ST | 40 | 100% | 22.9 | 66.6 | 40 | 38.7 | 10.2 | 0.712 | 0.255 | Normal |
| 357 249TH ST | 24 | 100% | 20.9 | 42.6 | 28.36 | 27.45 | 6.349 | 1.012 | 0.224 | Lognormal |
| 358 249TH ST | 43 | 100% | 18.1 | 62.1 | 28.74 | 27.3 | 8.625 | 1.891 | 0.3 | Lognormal |
| 360 248TH ST | 48 | 100% | 18.5 | 49.7 | 27.38 | 26.55 | 4.351 | 2.969 | 0.159 | -- |
| 361 244TH ST | 23 | 100% | 21.7 | 81.5 | 45.19 | 44.1 | 12.6 | 0.893 | 0.279 | Normal |
| 362 249TH ST | 25 | 100% | 18.3 | 100 | 33.1 | 29.8 | 17.14 | 2.77 | 0.518 | Lognormal |
| 363 249TH ST | 27 | 100% | 23.3 | 673 | 71.28 | 29.5 | 124.8 | 4.639 | 1.75 | -- |
| 364 248TH ST | 48 | 100% | 22.7 | 68.2 | 32.75 | 29.25 | 9.23 | 2.098 | 0.282 | -- |
| 367 244TH ST | 13 | 100% | 20 | 282 | 64.55 | 45 | 67.76 | 3.184 | 1.05 | -- |
| 367 249TH ST | 46 | 100% | 19.7 | 339 | 36.76 | 28.35 | 45.92 | 6.614 | 1.249 | -- |
| 368 249TH ST | 55 | 100% | 18.8 | 50.3 | 28.37 | 27.8 | 7 | 1.036 | 0.247 | Lognormal |
| 373 249TH ST | 42 | 100% | 22.1 | 105 | 35.44 | 28.8 | 17.52 | 2.319 | 0.494 | -- |
| 374 248TH ST | 120 | 100% | 7.78 | 180 | 33.29 | 28.75 | 20.17 | 4.842 | 0.606 | -- |
| 374 249TH ST | 27 | 100% | 15.7 | 47.5 | 29.3 | 28 | 7.532 | 0.669 | 0.257 | Normal |
| 377 244TH ST | 32 | 100% | 32.8 | 90.8 | 47.57 | 45.1 | 13.45 | 1.414 | 0.283 | Lognormal |
| 377 249TH ST | 33 | 100% | 13.4 | 102 | 29.35 | 24.9 | 15.18 | 3.7 | 0.517 | -- |
| 378 249TH ST | 41 | 100% | 16.8 | 51.3 | 26.92 | 25.2 | 7.391 | 1.097 | 0.275 | Lognormal |
| 383 249TH ST | 32 | 100% | 18.9 | 128 | 32.84 | 26.6 | 20.17 | 3.914 | 0.614 | -- |
| 402 249TH ST | 32 | 100% | 18.8 | 82.9 | 33.08 | 30.8 | 12.97 | 2.191 | 0.392 | Lognormal |
| 408 249TH ST | 24 | 100% | 20 | 185 | 45.62 | 32.1 | 34.84 | 3.128 | 0.764 | -- |
| 412 249TH ST | 77 | 100% | 17.9 | 212 | 40.14 | 34.4 | 25.21 | 4.641 | 0.628 | -- |
| 24703 PANAMA AVE | 62 | 1 | 18.8 | 315 | 41.28 | 33.35 | 38.43 | 6.199 | 0.931 | -- |
| 24808 PANAMA AVE | 20 | 1 | 17.1 | 65.5 | 35.26 | 33.25 | 12.89 | 0.811 | 0.366 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.10**
**Summary of Descriptive Statistics for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24401 MARBELLA AVE | 33 | 70% | 0.00059 | 0.0555 | 0.0176 | 0.0124 | 0.0151 | 1.172 | 0.858 | Lognormal |
| 24402 NEPTUNE AVE | 48 | 100% | 0.00268 | 0.613 | 0.0459 | 0.0188 | 0.0962 | 4.879 | 2.094 | Lognormal |
| 24402 PANAMA AVE | 127 | 59% | 0.00054 | 0.584 | 0.039 | 0.00233 | 0.106 | 4.259 | 2.715 | -- |
| 24402 RAVENNA AVE | 40 | 88% | 0.000541 | 0.569 | 0.063 | 0.0179 | 0.107 | 3.524 | 1.69 | Lognormal |
| 24403 NEPTUNE AVE | 46 | 93% | 0.00162 | 1.07 | 0.146 | 0.0489 | 0.23 | 2.674 | 1.58 | Lognormal |
| 24403 RAVENNA AVE | 64 | 97% | 0.000537 | 1.093 | 0.0565 | 0.0203 | 0.146 | 6.201 | 2.58 | Lognormal |
| 24405 MARBELLA AVE | 25 | 84% | 0.00078 | 0.0337 | 0.00914 | 0.00367 | 0.00972 | 1.215 | 1.064 | -- |
| 24406 MARBELLA AVE | 40 | 48% | 0.00115 | 0.415 | 0.06 | 0.0195 | 0.122 | 2.685 | 2.032 | Lognormal |
| 24406 NEPTUNE AVE | 28 | 100% | 0.00134 | 0.342 | 0.0269 | 0.0118 | 0.0633 | 4.911 | 2.354 | Lognormal |
| 24406 PANAMA AVE | 23 | 87% | 0.000541 | 0.821 | 0.104 | 0.0567 | 0.186 | 3.37 | 1.784 | Lognormal |
| 24406 RAVENNA AVE | 26 | 100% | 0.00439 | 0.0921 | 0.0361 | 0.0339 | 0.0264 | 0.46 | 0.731 | Normal |
| 24409 NEPTUNE AVE | 24 | 96% | 0.00402 | 0.45 | 0.0781 | 0.0217 | 0.114 | 2.213 | 1.466 | Lognormal |
| 24409 RAVENNA AVE | 33 | 97% | 0.000537 | 0.17 | 0.0362 | 0.0198 | 0.0447 | 2.004 | 1.234 | Lognormal |
| 24410 PANAMA AVE | 33 | 85% | 0.000536 | 0.202 | 0.0431 | 0.0152 | 0.055 | 1.48 | 1.274 | -- |
| 24411 MARBELLA AVE | 69 | 68% | 0.000539 | 1.251 | 0.088 | 0.00693 | 0.24 | 3.888 | 2.724 | -- |
| 24411 PANAMA AVE | 41 | 83% | 0.000538 | 0.224 | 0.0541 | 0.0364 | 0.059 | 1.703 | 1.091 | -- |
| 24412 MARBELLA AVE | 31 | 81% | 0.00424 | 0.152 | 0.0416 | 0.032 | 0.0371 | 1.626 | 0.892 | Lognormal |
| 24412 RAVENNA AVE | 61 | 93% | 0.000537 | 0.43 | 0.0591 | 0.0237 | 0.0925 | 2.827 | 1.564 | Lognormal |
| 24413 NEPTUNE AVE | 24 | 100% | 0.00141 | 0.384 | 0.0701 | 0.0194 | 0.101 | 1.964 | 1.44 | Lognormal |
| 24413 RAVENNA AVE | 28 | 96% | 0.00265 | 0.386 | 0.043 | 0.024 | 0.0734 | 4.212 | 1.707 | Lognormal |
| 24416 MARBELLA AVE | 50 | 84% | 0.000781 | 1.102 | 0.128 | 0.0296 | 0.227 | 2.785 | 1.774 | Lognormal |
| 24416 NEPTUNE AVE | 21 | 100% | 0.00152 | 0.162 | 0.028 | 0.0129 | 0.0382 | 2.547 | 1.363 | Lognormal |
| 24416 PANAMA AVE | 33 | 85% | 0.00054 | 0.197 | 0.0364 | 0.00566 | 0.0602 | 1.943 | 1.652 | Lognormal |
| 24416 RAVENNA AVE | 42 | 100% | 0.00218 | 2.275 | 0.166 | 0.0298 | 0.432 | 3.912 | 2.606 | Lognormal |
| 24417 MARBELLA AVE | 8 | 38% | 0.00247 | 0.0194 | 0.0116 | 0.013 | 0.00856 | -0.693 | 0.736 | Normal |
| 24417 PANAMA AVE | 47 | 87% | 0.00186 | 0.529 | 0.0537 | 0.0256 | 0.0948 | 3.744 | 1.765 | Lognormal |
| 24419 NEPTUNE AVE | 32 | 100% | 0.00152 | 0.448 | 0.0813 | 0.0255 | 0.115 | 2.072 | 1.416 | Lognormal |
| 24419 RAVENNA AVE | 32 | 91% | 0.00106 | 0.176 | 0.0291 | 0.0147 | 0.0379 | 2.649 | 1.301 | Lognormal |
| 24420 PANAMA AVE | 33 | 85% | 0.000542 | 1.113 | 0.0796 | 0.0129 | 0.22 | 4.221 | 2.769 | Lognormal |
| 24421 PANAMA AVE | 30 | 83% | 0.000549 | 0.283 | 0.082 | 0.0404 | 0.0875 | 0.999 | 1.067 | -- |
| 24422 MARBELLA AVE | 43 | 98% | 0.000606 | 0.605 | 0.0907 | 0.0344 | 0.144 | 2.425 | 1.586 | Lognormal |
| 24422 NEPTUNE AVE | 36 | 100% | 0.000992 | 0.258 | 0.0327 | 0.0165 | 0.0502 | 3.377 | 1.536 | Lognormal |
| 24422 RAVENNA AVE | 29 | 97% | 0.0014 | 1.019 | 0.0922 | 0.0327 | 0.198 | 4.17 | 2.147 | Lognormal |
| 24423 MARBELLA AVE | 13 | 62% | 0.000565 | 0.0199 | 0.0048 | 0.00171 | 0.00684 | 1.977 | 1.424 | Lognormal |
| 24423 NEPTUNE AVE | 37 | 100% | 0.00098 | 0.229 | 0.0463 | 0.0129 | 0.0666 | 1.767 | 1.437 | Lognormal |
| 24423 RAVENNA AVE | 40 | 98% | 0.00224 | 0.995 | 0.0668 | 0.0189 | 0.169 | 4.844 | 2.538 | Lognormal |
| 24426 MARBELLA AVE | 24 | 96% | 0.00186 | 0.419 | 0.0949 | 0.0398 | 0.102 | 1.641 | 1.072 | Lognormal |
| 24426 NEPTUNE AVE | 30 | 90% | 0.000605 | 0.142 | 0.0205 | 0.0138 | 0.0273 | 3.666 | 1.333 | Lognormal |
| 24426 PANAMA AVE | 30 | 73% | 0.00105 | 0.409 | 0.0281 | 0.00562 | 0.0873 | 4.36 | 3.104 | -- |
| 24426 RAVENNA AVE | 49 | 100% | 0.00316 | 1.983 | 0.114 | 0.0337 | 0.296 | 5.609 | 2.605 | Lognormal |
| 24427 MARBELLA AVE | 25 | 84% | 0.000565 | 0.0946 | 0.0105 | 0.00152 | 0.0221 | 3.178 | 2.097 | -- |
| 24427 PANAMA AVE | 38 | 100% | 0.00078 | 0.821 | 0.0691 | 0.0136 | 0.148 | 3.975 | 2.147 | -- |
| 24429 NEPTUNE AVE | 19 | 95% | 0.0012 | 0.211 | 0.0442 | 0.0193 | 0.0534 | 2.098 | 1.207 | Lognormal |
| 24429 RAVENNA AVE | 29 | 100% | 0.00128 | 0.188 | 0.0376 | 0.0206 | 0.0404 | 2.164 | 1.074 | Lognormal |
| 24430 PANAMA AVE | 30 | 77% | 0.000536 | 0.139 | 0.013 | 0.00199 | 0.0296 | 3.823 | 2.281 | -- |
| 24431 PANAMA AVE | 35 | 100% | 0.000916 | 0.154 | 0.0386 | 0.0251 | 0.0443 | 1.628 | 1.148 | Lognormal |
| 24432 MARBELLA AVE | 67 | 94% | 0.00275 | 0.5 | 0.066 | 0.0357 | 0.0871 | 3.179 | 1.319 | Lognormal |
| 24433 MARBELLA AVE | 27 | 30% | 0.0016 | 0.0733 | 0.0167 | 0.00643 | 0.0245 | 2.227 | 1.47 | Lognormal |

Note: "--" not applicable or not idenitifed

**Table 5-1.10**
**Summary of Descriptive Statistics for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24436 PANAMA AVE | 35 | 66% | 0.00054 | 0.156 | 0.0163 | 0.00418 | 0.0346 | 3.463 | 2.121 | Lognormal |
| 24502 MARBELLA AVE | 51 | 98% | 0.00123 | 0.221 | 0.0465 | 0.0213 | 0.0562 | 1.855 | 1.21 | Lognormal |
| 24502 NEPTUNE AVE | 58 | 97% | 0.000559 | 0.303 | 0.0355 | 0.0158 | 0.0606 | 3.249 | 1.708 | Lognormal |
| 24502 PANAMA AVE | 48 | 31% | 0.000565 | 0.0124 | 0.00329 | 0.00112 | 0.00412 | 1.466 | 1.255 | -- |
| 24502 RAVENNA AVE | 44 | 98% | 0.000732 | 0.489 | 0.0734 | 0.0279 | 0.116 | 2.443 | 1.573 | Lognormal |
| 24503 MARBELLA AVE | 29 | 55% | 0.000538 | 0.0187 | 0.00446 | 0.00273 | 0.00486 | 1.876 | 1.09 | Lognormal |
| 24503 NEPTUNE AVE | 60 | 97% | 0.00269 | 0.245 | 0.0561 | 0.0317 | 0.0629 | 1.726 | 1.121 | Lognormal |
| 24503 PANAMA AVE | 28 | 93% | 0.00108 | 0.347 | 0.0443 | 0.00874 | 0.0815 | 2.706 | 1.838 | Lognormal |
| 24503 RAVENNA AVE | 34 | 100% | 0.00067 | 0.676 | 0.0429 | 0.0183 | 0.114 | 5.441 | 2.666 | Lognormal |
| 24506 MARBELLA AVE | 36 | 100% | 0.00308 | 0.593 | 0.097 | 0.0245 | 0.149 | 2.05 | 1.537 | Lognormal |
| 24507 MARBELLA AVE | 36 | 56% | 0.000538 | 0.222 | 0.0314 | 0.00652 | 0.0548 | 2.608 | 1.744 | Lognormal |
| 24508 NEPTUNE AVE | 40 | 100% | 0.00174 | 1.09 | 0.0861 | 0.035 | 0.179 | 4.894 | 2.076 | Lognormal |
| 24508 PANAMA AVE | 24 | 29% | 0.000547 | 0.00587 | 0.00238 | 0.00201 | 0.0019 | 1.032 | 0.801 | Normal |
| 24508 RAVENNA AVE | 39 | 87% | 0.000928 | 0.884 | 0.109 | 0.0243 | 0.191 | 2.777 | 1.752 | Lognormal |
| 24509 NEPTUNE AVE | 31 | 100% | 0.000575 | 0.405 | 0.0609 | 0.019 | 0.095 | 2.43 | 1.559 | Lognormal |
| 24509 PANAMA AVE | 47 | 91% | 0.00271 | 0.504 | 0.0556 | 0.029 | 0.0828 | 4.139 | 1.49 | Lognormal |
| 24509 RAVENNA AVE | 37 | 100% | 0.00327 | 0.956 | 0.0891 | 0.027 | 0.174 | 3.855 | 1.953 | Lognormal |
| 24512 MARBELLA AVE | 53 | 94% | 0.000615 | 1.118 | 0.143 | 0.0468 | 0.214 | 2.565 | 1.502 | Lognormal |
| 24512 NEPTUNE AVE | 36 | 100% | 0.00202 | 0.207 | 0.0433 | 0.019 | 0.0512 | 1.716 | 1.183 | Lognormal |
| 24512 PANAMA AVE | 28 | 96% | 0.000575 | 0.0279 | 0.00481 | 0.00178 | 0.0075 | 2.422 | 1.56 | -- |
| 24512 RAVENNA AVE | 56 | 98% | 0.00137 | 0.283 | 0.0385 | 0.0182 | 0.0507 | 2.997 | 1.316 | Lognormal |
| 24513 NEPTUNE AVE | 37 | 97% | 0.000675 | 0.247 | 0.0332 | 0.0177 | 0.0458 | 3.307 | 1.38 | Lognormal |
| 24513 PANAMA AVE | 51 | 88% | 0.00054 | 0.232 | 0.0567 | 0.027 | 0.0616 | 1.349 | 1.086 | Lognormal |
| 24513 RAVENNA AVE | 30 | 97% | 0.000743 | 0.223 | 0.0466 | 0.0177 | 0.0696 | 1.974 | 1.494 | Lognormal |
| 24516 MARBELLA AVE | 30 | 93% | 0.000565 | 0.409 | 0.0642 | 0.0213 | 0.103 | 2.224 | 1.611 | Lognormal |
| 24517 MARBELLA AVE | 12 | 92% | 0.000537 | 0.335 | 0.0552 | 0.00417 | 0.107 | 2.255 | 1.94 | Lognormal |
| 24518 NEPTUNE AVE | 45 | 100% | 0.00251 | 0.595 | 0.044 | 0.0129 | 0.0935 | 4.982 | 2.123 | Lognormal |
| 24518 PANAMA AVE | 42 | 36% | 0.000585 | 0.248 | 0.0296 | 0.00741 | 0.0665 | 3.021 | 2.251 | -- |
| 24518 RAVENNA AVE | 30 | 93% | 0.000916 | 0.136 | 0.0256 | 0.0122 | 0.0348 | 2.209 | 1.359 | Lognormal |
| 24519 NEPTUNE AVE | 35 | 100% | 0.000721 | 0.111 | 0.0331 | 0.0168 | 0.0354 | 1.172 | 1.068 | Lognormal |
| 24519 PANAMA AVE | 30 | 97% | 0.00078 | 0.351 | 0.0313 | 0.0134 | 0.0658 | 4.444 | 2.104 | Lognormal |
| 24522 MARBELLA AVE | 27 | 78% | 0.000536 | 0.159 | 0.0284 | 0.0112 | 0.041 | 2.212 | 1.447 | Lognormal |
| 24522 NEPTUNE AVE | 28 | 93% | 0.000543 | 0.402 | 0.0395 | 0.0158 | 0.0784 | 4.258 | 1.986 | Lognormal |
| 24522 PANAMA AVE | 36 | 36% | 0.000565 | 0.015 | 0.00405 | 0.00184 | 0.00438 | 1.625 | 1.082 | Lognormal |
| 24522 RAVENNA AVE | 35 | 80% | 0.00218 | 0.212 | 0.0367 | 0.0193 | 0.0529 | 2.662 | 1.443 | Lognormal |
| 24523 MARBELLA AVE | 45 | 80% | 0.000595 | 0.785 | 0.0454 | 0.00407 | 0.158 | 4.202 | 3.488 | -- |
| 24523 NEPTUNE AVE | 37 | 97% | 0.00168 | 0.507 | 0.0655 | 0.0269 | 0.1 | 3.003 | 1.527 | Lognormal |
| 24523 RAVENNA AVE | 17 | 100% | 0.00459 | 0.297 | 0.0761 | 0.0522 | 0.0722 | 1.91 | 0.949 | Lognormal |
| 24526 MARBELLA AVE | 36 | 64% | 0.00068 | 0.268 | 0.0452 | 0.00762 | 0.0825 | 2.212 | 1.823 | Lognormal |
| 24528 NEPTUNE AVE | 31 | 74% | 0.000575 | 0.0271 | 0.00708 | 0.00332 | 0.00767 | 1.552 | 1.083 | Lognormal |
| 24528 PANAMA AVE | 39 | 87% | 0.0004756 | 0.44 | 0.0624 | 0.0172 | 0.105 | 2.45 | 1.677 | Lognormal |
| 24529 NEPTUNE AVE | 32 | 91% | 0.000537 | 2.2 | 0.111 | 0.0115 | 0.408 | 5.139 | 3.669 | Lognormal |
| 24529 PANAMA AVE | 24 | 42% | 0.000476 | 0.0359 | 0.00517 | 0.00212 | 0.0109 | 3.081 | 2.102 | Lognormal |
| 24529 RAVENNA AVE | 26 | 77% | 0.0005539 | 0.292 | 0.0502 | 0.0287 | 0.0688 | 2.628 | 1.37 | -- |
| 24532 MARBELLA AVE | 27 | 74% | 0.0017 | 0.273 | 0.0647 | 0.0156 | 0.0905 | 1.427 | 1.4 | Lognormal |
| 24532 NEPTUNE AVE | 21 | 57% | 0.0027 | 0.0285 | 0.00933 | 0.00852 | 0.00656 | 2.491 | 0.703 | -- |
| 24532 PANAMA AVE | 23 | 100% | 0.00192 | 0.923 | 0.128 | 0.0284 | 0.225 | 2.477 | 1.752 | Lognormal |
| 24532 RAVENNA AVE | 29 | 24% | 0.00088 | 0.0269 | 0.00912 | 0.00703 | 0.0089 | 1.501 | 0.976 | Normal |

Note: "--" not applicable or not idenitifed

**Table 5-1.10**
**Summary of Descriptive Statistics for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24533 MARBELLA AVE | 25 | 84% | 0.0012 | 0.063 | 0.0131 | 0.00898 | 0.0148 | 2.269 | 1.127 | Lognormal |
| 24533 PANAMA AVE | 29 | 86% | 0.00078 | 0.356 | 0.035 | 0.0058 | 0.0812 | 3.272 | 2.32 | Lognormal |
| 24533 RAVENNA AVE | 52 | 40% | 0.000536 | 0.0988 | 0.00664 | 0.00119 | 0.0212 | 4.52 | 3.192 | -- |
| 24602 MARBELLA AVE | 34 | 97% | 0.00102 | 0.496 | 0.0408 | 0.0151 | 0.0883 | 4.611 | 2.166 | Lognormal |
| 24602 NEPTUNE AVE | 33 | 42% | 0.00056 | 0.0158 | 0.00483 | 0.00352 | 0.00425 | 1.506 | 0.88 | Normal |
| 24602 PANAMA AVE | 40 | 93% | 0.000985 | 1.085 | 0.138 | 0.035 | 0.25 | 2.615 | 1.812 | Lognormal |
| 24602 RAVENNA AVE | 28 | 39% | 0.00078 | 0.176 | 0.0287 | 0.00483 | 0.0553 | 2.369 | 1.925 | Lognormal |
| 24603 MARBELLA AVE | 26 | 85% | 0.000537 | 0.769 | 0.0529 | 0.0133 | 0.165 | 4.327 | 3.112 | Lognormal |
| 24603 NEPTUNE AVE | 49 | 71% | 0.000536 | 0.109 | 0.0199 | 0.00834 | 0.0304 | 2.216 | 1.528 | Lognormal |
| 24603 PANAMA AVE | 30 | 80% | 0.000536 | 0.863 | 0.0897 | 0.00835 | 0.232 | 3.108 | 2.591 | Lognormal |
| 24603 RAVENNA AVE | 31 | 19% | 0.00112 | 1.168 | 0.198 | 0.00159 | 0.476 | 2.449 | 2.407 | -- |
| 24606 MARBELLA AVE | 63 | 65% | 0.000548 | 2.382 | 0.122 | 0.0051 | 0.398 | 4.941 | 3.261 | -- |
| 24607 MARBELLA AVE | 31 | 74% | 0.00057 | 0.207 | 0.0142 | 0.00231 | 0.0427 | 4.564 | 3.012 | Lognormal |
| 24608 NEPTUNE AVE | 37 | 43% | 0.000618 | 0.0507 | 0.0229 | 0.0211 | 0.0156 | 0.336 | 0.679 | Normal |
| 24608 PANAMA AVE | 22 | 91% | 0.00199 | 1.799 | 0.294 | 0.0873 | 0.495 | 2.256 | 1.681 | Lognormal |
| 24608 RAVENNA AVE | 40 | 78% | 0.000543 | 1.579 | 0.155 | 0.0235 | 0.35 | 3.141 | 2.256 | Lognormal |
| 24609 NEPTUNE AVE | 30 | 87% | 0.00138 | 1.449 | 0.203 | 0.0208 | 0.391 | 2.38 | 1.926 | Lognormal |
| 24609 PANAMA AVE | 34 | 94% | 0.000537 | 0.896 | 0.0927 | 0.0202 | 0.189 | 3.12 | 2.044 | Lognormal |
| 24609 RAVENNA AVE | 45 | 56% | 0.000539 | 0.0456 | 0.00764 | 0.0032 | 0.012 | 2.599 | 1.569 | Lognormal |
| 24612 MARBELLA AVE | 51 | 69% | 0.000967 | 0.803 | 0.127 | 0.0192 | 0.213 | 1.922 | 1.687 | Lognormal |
| 24612 NEPTUNE AVE | 47 | 87% | 0.0004788 | 1.972 | 0.337 | 0.0864 | 0.531 | 1.906 | 1.575 | Lognormal |
| 24612 PANAMA AVE | 33 | 91% | 0.0004756 | 1.647 | 0.16 | 0.0165 | 0.363 | 3.383 | 2.264 | Lognormal |
| 24612 RAVENNA AVE | 46 | 80% | 0.00093 | 0.352 | 0.0723 | 0.0237 | 0.0922 | 1.349 | 1.275 | Lognormal |
| 24613 MARBELLA AVE | 52 | 48% | 0.000565 | 0.135 | 0.0109 | 0.00436 | 0.0264 | 4.658 | 2.418 | Lognormal |
| 24613 NEPTUNE AVE | 39 | 95% | 0.00243 | 0.879 | 0.153 | 0.0525 | 0.228 | 1.994 | 1.49 | Lognormal |
| 24613 PANAMA AVE | 51 | 100% | 0.000537 | 6.181 | 0.262 | 0.0435 | 0.87 | 6.557 | 3.321 | Lognormal |
| 24613 RAVENNA AVE | 33 | 61% | 0.000561 | 0.591 | 0.0631 | 0.00409 | 0.141 | 3.164 | 2.232 | -- |
| 24616 MARBELLA AVE | 57 | 91% | 0.000575 | 3.037 | 0.533 | 0.0717 | 0.773 | 1.679 | 1.449 | -- |
| 24617 MARBELLA AVE | 34 | 29% | 0.000575 | 0.018 | 0.00336 | 0.000962 | 0.00539 | 2.695 | 1.606 | -- |
| 24618 NEPTUNE AVE | 26 | 96% | 0.00173 | 0.571 | 0.0932 | 0.0197 | 0.159 | 2.271 | 1.701 | Lognormal |
| 24618 PANAMA AVE | 28 | 100% | 0.000605 | 1.197 | 0.204 | 0.0431 | 0.308 | 1.941 | 1.509 | Lognormal |
| 24618 RAVENNA AVE | 40 | 60% | 0.00078 | 0.746 | 0.0388 | 0.0035 | 0.151 | 4.87 | 3.887 | Lognormal |
| 24619 NEPTUNE AVE | 28 | 100% | 0.00233 | 1.822 | 0.241 | 0.0504 | 0.425 | 2.482 | 1.767 | Lognormal |
| 24619 PANAMA AVE | 38 | 100% | 0.0023 | 0.755 | 0.151 | 0.0428 | 0.2 | 1.582 | 1.327 | Lognormal |
| 24619 RAVENNA AVE | 35 | 60% | 0.000632 | 2.496 | 0.22 | 0.0519 | 0.592 | 3.463 | 2.684 | -- |
| 24622 MARBELLA AVE | 53 | 96% | 0.000565 | 6.891 | 0.425 | 0.0115 | 1.101 | 4.488 | 2.588 | -- |
| 24622 NEPTUNE AVE | 34 | 100% | 0.00424 | 3.304 | 0.206 | 0.0327 | 0.57 | 5.164 | 2.769 | -- |
| 24623 MARBELLA AVE | 32 | 38% | 0.000675 | 0.106 | 0.0198 | 0.00181 | 0.0332 | 1.945 | 1.678 | -- |
| 24623 NEPTUNE AVE | 36 | 100% | 0.00852 | 4.856 | 0.452 | 0.0662 | 1.002 | 3.28 | 2.218 | -- |
| 24627 MARBELLA AVE | 48 | 63% | 0.00054 | 1.041 | 0.097 | 0.00613 | 0.21 | 3.507 | 2.161 | -- |
| 24628 MARBELLA AVE | 52 | 96% | 0.000787 | 0.712 | 0.0705 | 0.0106 | 0.15 | 2.962 | 2.133 | -- |
| 24628 NEPTUNE AVE | 18 | 94% | 0.0019 | 0.342 | 0.059 | 0.0295 | 0.0899 | 2.493 | 1.525 | Lognormal |
| 24629 NEPTUNE AVE | 39 | 92% | 0.00106 | 0.914 | 0.134 | 0.0415 | 0.229 | 2.482 | 1.706 | Lognormal |
| 24632 NEPTUNE AVE | 20 | 100% | 0.00312 | 2.497 | 0.254 | 0.0276 | 0.591 | 3.338 | 2.326 | Lognormal |
| 24633 MARBELLA AVE | 40 | 90% | 0.0005118 | 1.551 | 0.0504 | 0.00233 | 0.257 | 5.989 | 5.109 | -- |
| 24700 MARBELLA AVE | 46 | 98% | 0.000964 | 1.099 | 0.0986 | 0.0335 | 0.208 | 3.969 | 2.114 | Lognormal |
| 24700 RAVENNA AVE | 56 | 68% | 0.000537 | 0.444 | 0.0395 | 0.0086 | 0.0915 | 3.758 | 2.315 | Lognormal |
| 24702 NEPTUNE AVE | 46 | 100% | 0.00258 | 1.538 | 0.173 | 0.0546 | 0.31 | 2.936 | 1.794 | Lognormal |

Note: "--" not applicable or not idenitifed

**Table 5-1.10**
**Summary of Descriptive Statistics for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24702 PANAMA AVE | 30 | 100% | 0.00254 | 5.003 | 0.452 | 0.0898 | 1.005 | 3.724 | 2.223 | Lognormal |
| 24703 MARBELLA AVE | 36 | 58% | 0.00107 | 1.833 | 0.098 | 0.00625 | 0.398 | 4.57 | 4.061 | -- |
| 24703 NEPTUNE AVE | 39 | 95% | 0.0032 | 0.629 | 0.104 | 0.0414 | 0.149 | 2.215 | 1.428 | Lognormal |
| 24703 RAVENNA AVE | 53 | 92% | 0.000948 | 2.722 | 0.234 | 0.0384 | 0.498 | 3.752 | 2.124 | Lognormal |
| 24706 MARBELLA AVE | 43 | 95% | 0.00217 | 1.428 | 0.186 | 0.0417 | 0.326 | 2.529 | 1.753 | Lognormal |
| 24706 RAVENNA AVE | 33 | 100% | 0.00235 | 0.888 | 0.103 | 0.0229 | 0.189 | 3.058 | 1.833 | Lognormal |
| 24707 MARBELLA AVE | 37 | 59% | 0.000647 | 0.0779 | 0.0124 | 0.00437 | 0.0186 | 2.463 | 1.503 | -- |
| 24708 PANAMA AVE | 37 | 100% | 0.000639 | 1.972 | 0.185 | 0.0696 | 0.381 | 3.62 | 2.055 | Lognormal |
| 24709 NEPTUNE AVE | 37 | 100% | 0.00569 | 1.531 | 0.185 | 0.0472 | 0.304 | 2.885 | 1.646 | -- |
| 24709 PANAMA AVE | 43 | 98% | 0.00171 | 7.051 | 0.527 | 0.0875 | 1.231 | 4.187 | 2.337 | Lognormal |
| 24709 RAVENNA AVE | 52 | 90% | 0.000595 | 3.926 | 0.266 | 0.054 | 0.678 | 4.24 | 2.553 | Lognormal |
| 24710 MARBELLA AVE | 43 | 86% | 0.000689 | 2.282 | 0.187 | 0.0213 | 0.413 | 4.044 | 2.214 | Lognormal |
| 24712 NEPTUNE AVE | 32 | 97% | 0.00356 | 0.992 | 0.113 | 0.0367 | 0.193 | 3.492 | 1.716 | Lognormal |
| 24712 PANAMA AVE | 27 | 100% | 0.00294 | 1.979 | 0.271 | 0.125 | 0.471 | 2.946 | 1.739 | Lognormal |
| 24712 RAVENNA AVE | 45 | 98% | 0.000536 | 1.51 | 0.108 | 0.0306 | 0.253 | 4.549 | 2.346 | Lognormal |
| 24713 MARBELLA AVE | 37 | 70% | 0.000595 | 0.086 | 0.0202 | 0.00985 | 0.0242 | 1.469 | 1.199 | Lognormal |
| 24713 PANAMA AVE | 34 | 100% | 0.00188 | 2.124 | 0.162 | 0.0354 | 0.396 | 4.218 | 2.438 | Lognormal |
| 24713 RAVENNA AVE | 35 | 71% | 0.000732 | 2.226 | 0.238 | 0.0201 | 0.534 | 2.941 | 2.245 | Lognormal |
| 24715 NEPTUNE AVE | 37 | 100% | 0.00526 | 2.31 | 0.321 | 0.0663 | 0.534 | 2.3 | 1.664 | Lognormal |
| 24716 MARBELLA AVE | 30 | 77% | 0.00055 | 0.869 | 0.0859 | 0.0263 | 0.193 | 3.466 | 2.252 | Lognormal |
| 24716 RAVENNA AVE | 15 | 100% | 0.000634 | 0.313 | 0.0819 | 0.0472 | 0.0905 | 1.229 | 1.105 | Lognormal |
| 24717 MARBELLA AVE | 38 | 74% | 0.000536 | 0.682 | 0.0699 | 0.00902 | 0.15 | 3.177 | 2.15 | Lognormal |
| 24718 NEPTUNE AVE | 70 | 60% | 0.00088 | 0.475 | 0.0634 | 0.0173 | 0.0973 | 2.476 | 1.534 | Lognormal |
| 24718 PANAMA AVE | 33 | 100% | 0.00452 | 16.09 | 0.625 | 0.096 | 2.781 | 5.707 | 4.451 | Lognormal |
| 24719 NEPTUNE AVE | 33 | 88% | 0.000888 | 0.192 | 0.0523 | 0.0419 | 0.0454 | 1.152 | 0.867 | -- |
| 24719 PANAMA AVE | 28 | 100% | 0.00212 | 1.74 | 0.196 | 0.0529 | 0.368 | 3.219 | 1.877 | Lognormal |
| 24719 RAVENNA AVE | 45 | 84% | 0.00129 | 1.022 | 0.121 | 0.0436 | 0.222 | 3.22 | 1.839 | Lognormal |
| 24722 MARBELLA AVE | 34 | 94% | 0.000537 | 0.687 | 0.0509 | 0.0174 | 0.122 | 4.881 | 2.394 | Lognormal |
| 24722 NEPTUNE AVE | 40 | 43% | 0.00057 | 0.0318 | 0.00961 | 0.00857 | 0.00988 | 1.319 | 1.028 | Lognormal |
| 24722 PANAMA AVE | 18 | 89% | 0.00256 | 0.713 | 0.175 | 0.0467 | 0.25 | 1.368 | 1.428 | Lognormal |
| 24722 RAVENNA AVE | 50 | 94% | 0.0007 | 0.858 | 0.112 | 0.023 | 0.2 | 2.418 | 1.78 | Lognormal |
| 24723 MARBELLA AVE | 22 | 68% | 0.000544 | 0.404 | 0.0374 | 0.00686 | 0.103 | 3.666 | 2.76 | Lognormal |
| 24723 RAVENNA AVE | 37 | 78% | 0.000545 | 0.0713 | 0.0173 | 0.00954 | 0.02 | 1.32 | 1.154 | -- |
| 24725 NEPTUNE AVE | 35 | 69% | 0.000537 | 0.238 | 0.0284 | 0.00865 | 0.0549 | 2.949 | 1.934 | Lognormal |
| 24726 MARBELLA AVE | 49 | 78% | 0.000536 | 0.346 | 0.0292 | 0.0123 | 0.0614 | 4.199 | 2.107 | Lognormal |
| 24726 RAVENNA AVE | 37 | 89% | 0.000585 | 3.954 | 0.164 | 0.00584 | 0.686 | 5.604 | 4.192 | -- |
| 24727 MARBELLA AVE | 40 | 83% | 0.00078 | 1.765 | 0.112 | 0.0116 | 0.318 | 4.733 | 2.855 | Lognormal |
| 24728 NEPTUNE AVE | 33 | 64% | 0.000537 | 0.357 | 0.0301 | 0.00159 | 0.0812 | 3.675 | 2.696 | -- |
| 24728 PANAMA AVE | 31 | 100% | 0.00185 | 1.706 | 0.174 | 0.0543 | 0.34 | 3.526 | 1.957 | Lognormal |
| 24729 NEPTUNE AVE | 35 | 63% | 0.00059 | 0.32 | 0.0431 | 0.0111 | 0.0741 | 2.808 | 1.719 | Lognormal |
| 24729 PANAMA AVE | 34 | 97% | 0.000616 | 0.187 | 0.0392 | 0.0183 | 0.0456 | 1.619 | 1.163 | Lognormal |
| 24729 RAVENNA AVE | 16 | 25% | 0.00331 | 0.013 | 0.00801 | 0.00783 | 0.00452 | 0.126 | 0.564 | Normal |
| 24732 MARBELLA AVE | 37 | 73% | 0.000537 | 0.406 | 0.0336 | 0.00534 | 0.089 | 3.663 | 2.652 | Lognormal |
| 24732 NEPTUNE AVE | 35 | 66% | 0.000541 | 1.852 | 0.179 | 0.0739 | 0.388 | 3.979 | 2.175 | -- |
| 24732 PANAMA AVE | 33 | 82% | 0.000617 | 0.498 | 0.0752 | 0.0313 | 0.113 | 2.609 | 1.504 | -- |
| 24732 RAVENNA AVE | 42 | 90% | 0.000537 | 0.273 | 0.0436 | 0.00719 | 0.0728 | 2.171 | 1.668 | Lognormal |
| 24733 MARBELLA AVE | 32 | 66% | 0.000541 | 0.12 | 0.0227 | 0.00782 | 0.0295 | 2.086 | 1.299 | Lognormal |
| 24733 PANAMA AVE | 38 | 100% | 0.00228 | 1.98 | 0.196 | 0.0584 | 0.4 | 3.267 | 2.041 | Lognormal |

Note: "--" not applicable or not idenitifed

**Table 5-1.10**
**Summary of Descriptive Statistics for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 24733 RAVENNA AVE | 40 | 78% | 0.000545 | 0.198 | 0.0184 | 0.0028 | 0.0407 | 3.416 | 2.21 | -- |
| 24735 NEPTUNE AVE | 36 | 94% | 0.000538 | 0.656 | 0.0371 | 0.00493 | 0.114 | 5.205 | 3.067 | Lognormal |
| 24736 MARBELLA AVE | 52 | 83% | 0.000565 | 0.149 | 0.0232 | 0.00894 | 0.0339 | 2.289 | 1.462 | -- |
| 24736 RAVENNA AVE | 43 | 91% | 0.00273 | 1.032 | 0.15 | 0.0609 | 0.214 | 2.468 | 1.429 | Lognormal |
| 24737 MARBELLA AVE | 28 | 82% | 0.000538 | 0.586 | 0.051 | 0.00411 | 0.127 | 3.765 | 2.492 | -- |
| 24738 NEPTUNE AVE | 51 | 78% | 0.00109 | 2.263 | 0.291 | 0.118 | 0.448 | 2.743 | 1.542 | Lognormal |
| 24738 PANAMA AVE | 32 | 94% | 0.000788 | 2.037 | 0.248 | 0.0585 | 0.474 | 3.011 | 1.913 | Lognormal |
| 24739 NEPTUNE AVE | 41 | 93% | 0.000538 | 0.415 | 0.0453 | 0.0121 | 0.0888 | 3.138 | 1.959 | Lognormal |
| 24739 PANAMA AVE | 43 | 88% | 0.00187 | 0.525 | 0.0655 | 0.0266 | 0.114 | 2.897 | 1.739 | Lognormal |
| 24739 RAVENNA AVE | 42 | 88% | 0.000653 | 1.43 | 0.314 | 0.199 | 0.394 | 1.62 | 1.255 | -- |
| 24740 MARBELLA AVE | 64 | 70% | 0.00088 | 1.185 | 0.0746 | 0.0263 | 0.199 | 4.766 | 2.662 | -- |
| 24741 MARBELLA AVE | 12 | 92% | 0.000575 | 0.0717 | 0.0193 | 0.0169 | 0.0216 | 1.633 | 1.117 | Lognormal |
| 24743 RAVENNA AVE | 47 | 100% | 0.00118 | 1.455 | 0.259 | 0.141 | 0.336 | 2.452 | 1.295 | -- |
| 24744 MARBELLA AVE | 25 | 80% | 0.000548 | 0.492 | 0.0802 | 0.00825 | 0.162 | 2.084 | 2.023 | Lognormal |
| 24748 RAVENNA AVE | 24 | 96% | 0.00823 | 0.905 | 0.151 | 0.0716 | 0.208 | 2.472 | 1.376 | Lognormal |
| 24749 RAVENNA AVE | 43 | 100% | 0.00518 | 1.1 | 0.191 | 0.0935 | 0.218 | 2.156 | 1.139 | Lognormal |
| 24752 RAVENNA AVE | 45 | 98% | 0.00342 | 1.521 | 0.128 | 0.0682 | 0.238 | 4.893 | 1.862 | Lognormal |
| 24802 PANAMA AVE | 52 | 94% | 0.000537 | 1.89 | 0.113 | 0.0234 | 0.289 | 5.313 | 2.556 | Lognormal |
| 24803 NEPTUNE AVE | 32 | 97% | 0.000893 | 0.23 | 0.03 | 0.00997 | 0.05 | 2.953 | 1.67 | Lognormal |
| 24803 PANAMA AVE | 18 | 78% | 0.000538 | 0.849 | 0.139 | 0.0116 | 0.273 | 2.145 | 1.969 | Lognormal |
| 24809 NEPTUNE AVE | 27 | 100% | 0.000536 | 1.659 | 0.113 | 0.0331 | 0.315 | 4.915 | 2.786 | -- |
| 24809 PANAMA AVE | 36 | 94% | 0.000552 | 0.55 | 0.119 | 0.0469 | 0.156 | 1.611 | 1.318 | Lognormal |
| 24812 PANAMA AVE | 29 | 79% | 0.00109 | 0.331 | 0.0441 | 0.00551 | 0.0836 | 2.659 | 1.896 | Lognormal |
| 24813 PANAMA AVE | 15 | 100% | 0.0113 | 0.609 | 0.201 | 0.134 | 0.198 | 1.238 | 0.982 | Lognormal |
| 24815 NEPTUNE AVE | 30 | 93% | 0.00115 | 0.628 | 0.0988 | 0.0371 | 0.161 | 2.337 | 1.627 | Lognormal |
| 24818 PANAMA AVE | 34 | 94% | 0.000856 | 15.22 | 0.549 | 0.0116 | 2.687 | 5.598 | 4.895 | Lognormal |
| 24819 PANAMA AVE | 34 | 100% | 0.00986 | 0.661 | 0.12 | 0.0792 | 0.147 | 2.742 | 1.217 | Lognormal |
| 24822 PANAMA AVE | 43 | 95% | 0.000577 | 0.448 | 0.0571 | 0.0225 | 0.0856 | 2.8 | 1.498 | -- |
| 24823 PANAMA AVE | 39 | 100% | 0.00358 | 0.937 | 0.113 | 0.0649 | 0.165 | 3.791 | 1.461 | Lognormal |
| 24825 NEPTUNE AVE | 98 | 85% | 0.000544 | 0.287 | 0.0243 | 0.00583 | 0.0451 | 3.591 | 1.855 | Lognormal |
| 24828 PANAMA AVE | 36 | 97% | 0.0005204 | 2.862 | 0.195 | 0.0317 | 0.567 | 3.837 | 2.914 | Lognormal |
| 24829 PANAMA AVE | 48 | 100% | 0.00161 | 1.036 | 0.0977 | 0.0639 | 0.152 | 5.15 | 1.561 | -- |
| 24832 PANAMA AVE | 38 | 97% | 0.00163 | 0.8 | 0.068 | 0.0195 | 0.143 | 4.187 | 2.104 | Lognormal |
| 24833 PANAMA AVE | 43 | 88% | 0.000648 | 1.254 | 0.126 | 0.0522 | 0.234 | 3.88 | 1.857 | Lognormal |
| 24838 PANAMA AVE | 28 | 93% | 0.00078 | 0.871 | 0.156 | 0.0537 | 0.245 | 1.992 | 1.565 | Lognormal |
| 24904 NEPTUNE AVE | 74 | 100% | 0.00088 | 0.652 | 0.106 | 0.0675 | 0.113 | 2.475 | 1.072 | Lognormal |
| 24912 NEPTUNE AVE | 36 | 97% | 0.000788 | 0.314 | 0.046 | 0.0188 | 0.0694 | 2.447 | 1.508 | Lognormal |
| 301 244TH ST | 29 | 69% | 0.000537 | 0.212 | 0.0339 | 0.0105 | 0.0531 | 2.334 | 1.568 | Lognormal |
| 305 244TH ST | 54 | 61% | 0.000575 | 8.597 | 0.917 | 0.0266 | 2.221 | 2.546 | 2.422 | -- |
| 311 244TH ST | 71 | 89% | 0.000565 | 33.31 | 2.066 | 0.033 | 5.477 | 3.922 | 2.651 | -- |
| 317 244TH ST | 58 | 71% | 0.000975 | 13.07 | 0.857 | 0.0136 | 2.897 | 3.736 | 3.38 | -- |
| 321 244TH ST | 40 | 68% | 0.000565 | 0.0578 | 0.0117 | 0.00778 | 0.0143 | 2.024 | 1.218 | Lognormal |
| 327 244TH ST | 12 | 50% | 0.00243 | 0.0132 | 0.00665 | 0.00593 | 0.00411 | 0.744 | 0.618 | Normal |
| 331 244TH ST | 28 | 21% | 0.00105 | 0.0519 | 0.0171 | 0.0143 | 0.0188 | 1.522 | 1.102 | Normal |
| 337 244TH ST | 34 | 53% | 0.000813 | 0.0548 | 0.0106 | 0.00584 | 0.0137 | 2.347 | 1.285 | Lognormal |
| 341 244TH ST | 48 | 58% | 0.000537 | 0.0714 | 0.0103 | 0.00322 | 0.0173 | 2.63 | 1.687 | Lognormal |
| 344 249TH ST | 35 | 100% | 0.000627 | 0.542 | 0.083 | 0.039 | 0.127 | 2.614 | 1.535 | -- |
| 345 249TH ST | 93 | 92% | 0.000823 | 2.431 | 0.139 | 0.0231 | 0.408 | 4.676 | 2.936 | Lognormal |

Note: "--" not applicable or not idenitifed

**Table 5-1.10**
**Summary of Descriptive Statistics for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | Depth (0-10 ft) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number of Samples | % Detected | Minimum | Maximum | Mean | Median | Standard Deviation | Skewness | Coefficient of Variation | Distribution |
| 347 244TH ST | 32 | 56% | 0.000545 | 0.0357 | 0.00956 | 0.00317 | 0.0108 | 1.318 | 1.132 | Lognormal |
| 348 248TH ST | 49 | 92% | 0.00054 | 4.123 | 0.239 | 0.0244 | 0.714 | 4.593 | 2.992 | Lognormal |
| 348 249TH ST | 51 | 100% | 0.00316 | 0.424 | 0.0982 | 0.0618 | 0.108 | 1.619 | 1.097 | -- |
| 351 244TH ST | 32 | 69% | 0.000565 | 0.488 | 0.0334 | 0.00344 | 0.103 | 4.443 | 3.091 | Lognormal |
| 352 249TH ST | 32 | 97% | 0.000538 | 0.899 | 0.0984 | 0.0484 | 0.172 | 3.737 | 1.751 | Lognormal |
| 353 249TH ST | 32 | 97% | 0.000538 | 0.466 | 0.0328 | 0.00917 | 0.0856 | 4.649 | 2.611 | Lognormal |
| 354 248TH ST | 39 | 100% | 0.00343 | 1.271 | 0.256 | 0.128 | 0.335 | 1.95 | 1.31 | Lognormal |
| 357 244TH ST | 40 | 48% | 0.00059 | 0.0643 | 0.00907 | 0.0043 | 0.0147 | 3.292 | 1.617 | Lognormal |
| 357 249TH ST | 24 | 96% | 0.000565 | 1.449 | 0.132 | 0.031 | 0.336 | 3.46 | 2.543 | Lognormal |
| 358 249TH ST | 43 | 88% | 0.00088 | 0.416 | 0.0565 | 0.0121 | 0.103 | 2.544 | 1.815 | -- |
| 360 248TH ST | 48 | 96% | 0.00119 | 0.448 | 0.0976 | 0.0453 | 0.124 | 1.493 | 1.267 | Lognormal |
| 361 244TH ST | 23 | 61% | 0.00113 | 0.0452 | 0.00931 | 0.00426 | 0.0125 | 2.232 | 1.343 | Lognormal |
| 362 249TH ST | 25 | 76% | 0.000565 | 0.0862 | 0.02 | 0.0045 | 0.0259 | 1.372 | 1.298 | Lognormal |
| 363 249TH ST | 27 | 100% | 0.0054 | 2.198 | 0.182 | 0.0603 | 0.417 | 4.683 | 2.297 | Lognormal |
| 364 248TH ST | 49 | 100% | 0.000654 | 0.735 | 0.126 | 0.051 | 0.173 | 2.095 | 1.37 | Lognormal |
| 367 244TH ST | 13 | 100% | 0.000659 | 0.691 | 0.097 | 0.0175 | 0.188 | 3.023 | 1.939 | Lognormal |
| 367 249TH ST | 46 | 100% | 0.00249 | 1.128 | 0.121 | 0.0558 | 0.215 | 3.733 | 1.777 | Lognormal |
| 368 249TH ST | 55 | 98% | 0.000603 | 7.213 | 0.285 | 0.0208 | 1.208 | 5.14 | 4.237 | Lognormal |
| 373 249TH ST | 42 | 100% | 0.00728 | 0.664 | 0.0904 | 0.0462 | 0.116 | 3.288 | 1.282 | Lognormal |
| 374 248TH ST | 120 | 100% | 0.00061 | 22.3 | 0.502 | 0.079 | 2.29 | 7.932 | 4.566 | -- |
| 374 249TH ST | 27 | 96% | 0.000538 | 0.46 | 0.145 | 0.0814 | 0.144 | 0.807 | 0.997 | -- |
| 377 244TH ST | 32 | 59% | 0.000538 | 0.203 | 0.0277 | 0.0106 | 0.0489 | 2.949 | 1.763 | Lognormal |
| 377 249TH ST | 33 | 100% | 0.00554 | 0.718 | 0.136 | 0.0952 | 0.152 | 2.262 | 1.115 | Lognormal |
| 378 249TH ST | 41 | 90% | 0.000537 | 0.456 | 0.0462 | 0.0217 | 0.0784 | 4.221 | 1.698 | -- |
| 383 249TH ST | 32 | 100% | 0.00446 | 3.06 | 0.322 | 0.0761 | 0.718 | 3.429 | 2.226 | Lognormal |
| 402 249TH ST | 32 | 97% | 0.000545 | 0.547 | 0.0553 | 0.0209 | 0.109 | 3.612 | 1.962 | Lognormal |
| 408 249TH ST | 24 | 88% | 0.00129 | 0.239 | 0.0489 | 0.0421 | 0.0553 | 2.281 | 1.13 | Lognormal |
| 412 249TH ST | 77 | 92% | 0.000595 | 16.19 | 0.288 | 0.0233 | 1.918 | 8.375 | 6.662 | -- |
| 24703 PANAMA AVE | 62 | 100% | 0.0013 | 1.041 | 0.152 | 0.0423 | 0.24 | 2.13 | 1.583 | Lognormal |
| 24808 PANAMA AVE | 20 | 95% | 0.0005519 | 0.224 | 0.036 | 0.0106 | 0.0631 | 2.426 | 1.754 | Lognormal |

Note: "--" not applicable or not idenitifed

**Table 5-2.1**
**Summary of Background Analysis for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Antimony (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.74 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24401 MARBELLA AVE | 33 | 19 | 1.14 | 6 | Yes | **Yes** |
| 24402 NEPTUNE AVE | 48 | 0 | 0.31 | 0 | No | No |
| 24402 PANAMA AVE | 127 | 120 | 2.1 | 84 | Yes | **Yes** |
| 24402 RAVENNA AVE | 40 | 1 | 0.28 | 0 | No | No |
| 24403 NEPTUNE AVE | 46 | 44 | 1.99 | 34 | Yes | **Yes** |
| 24403 RAVENNA AVE | 62 | 1 | 0.62 | 0 | No | No |
| 24405 MARBELLA AVE | 25 | 10 | 1.1 | 1 | Yes | No |
| 24406 MARBELLA AVE | 40 | 3 | 0.8 | 1 | Yes | No |
| 24406 NEPTUNE AVE | 28 | 9 | 1.7 | 8 | Yes | **Yes** |
| 24406 PANAMA AVE | 23 | 4 | 4.3 | 4 | Yes | **Yes** |
| 24406 RAVENNA AVE | 26 | 0 | 0.28 | 0 | No | No |
| 24409 NEPTUNE AVE | 24 | 9 | 2.07 | 4 | Yes | **Yes** |
| 24409 RAVENNA AVE | 33 | 0 | 0.31 | 0 | No | No |
| 24410 PANAMA AVE | 33 | 0 | 0.31 | 0 | No | No |
| 24411 MARBELLA AVE | 69 | 49 | 3.58 | 45 | Yes | **Yes** |
| 24411 PANAMA AVE | 37 | 0 | 0.31 | 0 | No | No |
| 24412 MARBELLA AVE | 31 | 0 | 0.31 | 0 | No | No |
| 24412 RAVENNA AVE | 61 | 0 | 0.31 | 0 | No | No |
| 24413 NEPTUNE AVE | 24 | 11 | 0.81 | 1 | Yes | No |
| 24413 RAVENNA AVE | 28 | 22 | 1.56 | 15 | Yes | **Yes** |
| 24416 MARBELLA AVE | 50 | 0 | 0.31 | 0 | No | No |
| 24416 NEPTUNE AVE | 21 | 1 | 0.4 | 0 | No | No |
| 24416 PANAMA AVE | 33 | 24 | 2.26 | 22 | Yes | **Yes** |
| 24416 RAVENNA AVE | 42 | 0 | 0.31 | 0 | No | No |
| 24417 MARBELLA AVE | 8 | 2 | 2.19 | 2 | Yes | No |
| 24417 PANAMA AVE | 47 | 0 | 0.31 | 0 | No | No |
| 24419 NEPTUNE AVE | 32 | 0 | 0.31 | 0 | No | No |
| 24419 RAVENNA AVE | 32 | 19 | 1.55 | 14 | Yes | **Yes** |
| 24420 PANAMA AVE | 33 | 2 | 0.63 | 0 | No | No |
| 24421 PANAMA AVE | 30 | 0 | 0.31 | 0 | No | No |
| 24422 MARBELLA AVE | 43 | 0 | 0.31 | 0 | No | No |
| 24422 NEPTUNE AVE | 36 | 26 | 1.91 | 17 | Yes | **Yes** |
| 24422 RAVENNA AVE | 29 | 0 | 0.28 | 0 | No | No |
| 24423 MARBELLA AVE | 13 | 0 | 0.31 | 0 | No | No |
| 24423 NEPTUNE AVE | 37 | 0 | 0.31 | 0 | No | No |
| 24423 RAVENNA AVE | 40 | 0 | 0.31 | 0 | No | No |
| 24426 MARBELLA AVE | 24 | 0 | 0.31 | 0 | No | No |
| 24426 NEPTUNE AVE | 30 | 0 | 0.31 | 0 | No | No |
| 24426 PANAMA AVE | 30 | 2 | 1.05 | 2 | Yes | No |
| 24426 RAVENNA AVE | 49 | 28 | 2.4 | 22 | Yes | **Yes** |
| 24427 MARBELLA AVE | 25 | 0 | 0.31 | 0 | No | No |
| 24427 PANAMA AVE | 38 | 1 | 0.39 | 0 | No | No |
| 24429 NEPTUNE AVE | 19 | 4 | 1.98 | 1 | Yes | No |
| 24429 RAVENNA AVE | 29 | 6 | 0.48 | 0 | No | No |
| 24430 PANAMA AVE | 30 | 3 | 0.42 | 0 | No | No |
| 24431 PANAMA AVE | 35 | 0 | 0.31 | 0 | No | No |
| 24432 MARBELLA AVE | 67 | 12 | 0.7 | 0 | No | No |
| 24433 MARBELLA AVE | 27 | 1 | 0.33 | 0 | No | No |
| 24436 PANAMA AVE | 35 | 3 | 0.77 | 1 | Yes | No |
| 24502 MARBELLA AVE | 51 | 0 | 0.31 | 0 | No | No |
| 24502 NEPTUNE AVE | 58 | 0 | 0.31 | 0 | No | No |
| 24502 PANAMA AVE | 48 | 29 | 3.35 | 22 | Yes | **Yes** |
| 24502 RAVENNA AVE | 44 | 1 | 1.1 | 1 | Yes | No |
| 24503 MARBELLA AVE | 29 | 0 | 0.31 | 0 | No | No |

**Table 5-2.1**
**Summary of Background Analysis for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Antimony (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.74 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24503 NEPTUNE AVE | 60 | 20 | 1.75 | 13 | Yes | **Yes** |
| 24503 PANAMA AVE | 28 | 3 | 6.45 | 3 | Yes | No |
| 24503 RAVENNA AVE | 34 | 7 | 1.16 | 2 | Yes | No |
| 24506 MARBELLA AVE | 36 | 0 | 0.31 | 0 | No | No |
| 24507 MARBELLA AVE | 36 | 6 | 1.44 | 2 | Yes | No |
| 24508 NEPTUNE AVE | 40 | 0 | 0.31 | 0 | No | No |
| 24508 PANAMA AVE | 24 | 0 | 0.31 | 0 | No | No |
| 24508 RAVENNA AVE | 39 | 3 | 0.91 | 1 | Yes | No |
| 24509 NEPTUNE AVE | 31 | 10 | 0.55 | 0 | No | No |
| 24509 PANAMA AVE | 47 | 10 | 0.74 | 0 | No | No |
| 24509 RAVENNA AVE | 37 | 4 | 0.84 | 1 | Yes | No |
| 24512 MARBELLA AVE | 48 | 47 | 0.79 | 2 | Yes | No |
| 24512 NEPTUNE AVE | 36 | 0 | 0.15 | 0 | No | No |
| 24512 PANAMA AVE | 28 | 11 | 0.83 | 1 | Yes | No |
| 24512 RAVENNA AVE | 56 | 14 | 1.24 | 10 | Yes | **Yes** |
| 24513 NEPTUNE AVE | 37 | 1 | 1.49 | 1 | Yes | No |
| 24513 PANAMA AVE | 51 | 21 | 1.09 | 3 | Yes | No |
| 24513 RAVENNA AVE | 30 | 24 | 2.67 | 13 | Yes | **Yes** |
| 24516 MARBELLA AVE | 30 | 0 | 0.31 | 0 | No | No |
| 24517 MARBELLA AVE | 12 | 8 | 1.1 | 4 | Yes | **Yes** |
| 24518 NEPTUNE AVE | 45 | 20 | 0.58 | 0 | No | No |
| 24518 PANAMA AVE | 42 | 8 | 2.69 | 8 | Yes | **Yes** |
| 24518 RAVENNA AVE | 30 | 17 | 2.08 | 9 | Yes | **Yes** |
| 24519 NEPTUNE AVE | 35 | 3 | 0.88 | 1 | Yes | No |
| 24519 PANAMA AVE | 30 | 0 | 0.31 | 0 | No | No |
| 24522 MARBELLA AVE | 27 | 0 | 0.31 | 0 | No | No |
| 24522 NEPTUNE AVE | 28 | 15 | 1.1 | 1 | Yes | No |
| 24522 PANAMA AVE | 36 | 19 | 1 | 4 | Yes | No |
| 24522 RAVENNA AVE | 35 | 4 | 0.71 | 0 | No | No |
| 24523 MARBELLA AVE | 45 | 27 | 1.25 | 9 | Yes | **Yes** |
| 24523 NEPTUNE AVE | 37 | 5 | 1.12 | 2 | Yes | No |
| 24523 RAVENNA AVE | 17 | 9 | 1.74 | 4 | Yes | **Yes** |
| 24526 MARBELLA AVE | 36 | 0 | 0.31 | 0 | No | No |
| 24528 NEPTUNE AVE | 31 | 7 | 0.5 | 0 | No | No |
| 24528 PANAMA AVE | 39 | 0 | 0.15 | 0 | No | No |
| 24529 NEPTUNE AVE | 32 | 0 | 0.31 | 0 | No | No |
| 24529 PANAMA AVE | 24 | 0 | 0.31 | 0 | No | No |
| 24529 RAVENNA AVE | 26 | 1 | 0.84 | 1 | Yes | No |
| 24532 MARBELLA AVE | 27 | 0 | 0.31 | 0 | No | No |
| 24532 NEPTUNE AVE | 21 | 4 | 0.51 | 0 | No | No |
| 24532 PANAMA AVE | 23 | 0 | 0.15 | 0 | No | No |
| 24532 RAVENNA AVE | 29 | 7 | 2.09 | 5 | Yes | **Yes** |
| 24533 MARBELLA AVE | 25 | 1 | 0.57 | 0 | No | No |
| 24533 PANAMA AVE | 29 | 0 | 0.31 | 0 | No | No |
| 24533 RAVENNA AVE | 52 | 2 | 0.86 | 2 | Yes | No |
| 24602 MARBELLA AVE | 34 | 21 | 1.31 | 7 | Yes | **Yes** |
| 24602 NEPTUNE AVE | 33 | 0 | 0.31 | 0 | No | No |
| 24602 PANAMA AVE | 40 | 11 | 1.49 | 8 | Yes | **Yes** |
| 24602 RAVENNA AVE | 28 | 0 | 0.31 | 0 | No | No |
| 24603 MARBELLA AVE | 26 | 0 | 0.31 | 0 | No | No |
| 24603 NEPTUNE AVE | 49 | 19 | 1.08 | 7 | Yes | **Yes** |
| 24603 PANAMA AVE | 30 | 6 | 0.85 | 1 | Yes | No |
| 24603 RAVENNA AVE | 31 | 0 | 0.31 | 0 | No | No |
| 24606 MARBELLA AVE | 63 | 21 | 1.47 | 9 | Yes | **Yes** |

**Table 5-2.1**
**Summary of Background Analysis for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Antimony (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.74 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24607 MARBELLA AVE | 31 | 9 | 1.16 | 4 | Yes | No |
| 24608 NEPTUNE AVE | 37 | 19 | 1.03 | 6 | Yes | **Yes** |
| 24608 PANAMA AVE | 22 | 7 | 1.1 | 1 | Yes | No |
| 24608 RAVENNA AVE | 40 | 12 | 1.64 | 5 | Yes | **Yes** |
| 24609 NEPTUNE AVE | 30 | 17 | 1.76 | 12 | Yes | **Yes** |
| 24609 PANAMA AVE | 34 | 0 | 0.31 | 0 | No | No |
| 24609 RAVENNA AVE | 45 | 24 | 0.94 | 6 | Yes | **Yes** |
| 24612 MARBELLA AVE | 51 | 25 | 2.41 | 5 | Yes | No |
| 24612 NEPTUNE AVE | 47 | 18 | 1.13 | 7 | Yes | **Yes** |
| 24612 PANAMA AVE | 33 | 15 | 0.83 | 3 | Yes | No |
| 24612 RAVENNA AVE | 46 | 12 | 2.21 | 2 | Yes | No |
| 24613 MARBELLA AVE | 52 | 0 | 0.31 | 0 | No | No |
| 24613 NEPTUNE AVE | 39 | 24 | 1.13 | 4 | Yes | No |
| 24613 PANAMA AVE | 51 | 6 | 0.69 | 0 | No | No |
| 24613 RAVENNA AVE | 33 | 22 | 1.41 | 4 | Yes | No |
| 24616 MARBELLA AVE | 46 | 13 | 1.73 | 5 | Yes | No |
| 24617 MARBELLA AVE | 34 | 0 | 0.31 | 0 | No | No |
| 24618 NEPTUNE AVE | 26 | 0 | 0.31 | 0 | No | No |
| 24618 PANAMA AVE | 28 | 0 | 0.31 | 0 | No | No |
| 24618 RAVENNA AVE | 40 | 0 | 0.31 | 0 | No | No |
| 24619 NEPTUNE AVE | 28 | 2 | 0.35 | 0 | No | No |
| 24619 PANAMA AVE | 38 | 0 | 0.31 | 0 | No | No |
| 24619 RAVENNA AVE | 35 | 8 | 2.86 | 1 | Yes | No |
| 24622 MARBELLA AVE | 53 | 0 | 0.31 | 0 | No | No |
| 24622 NEPTUNE AVE | 34 | 15 | 0.56 | 0 | No | No |
| 24623 MARBELLA AVE | 32 | 0 | 0.31 | 0 | No | No |
| 24623 NEPTUNE AVE | 36 | 0 | 0.31 | 0 | No | No |
| 24627 MARBELLA AVE | 48 | 15 | 3.23 | 11 | Yes | **Yes** |
| 24628 MARBELLA AVE | 52 | 1 | 0.67 | 0 | No | No |
| 24628 NEPTUNE AVE | 18 | 0 | 0.31 | 0 | No | No |
| 24629 NEPTUNE AVE | 39 | 16 | 1.95 | 8 | Yes | **Yes** |
| 24632 NEPTUNE AVE | 20 | 15 | 1.97 | 8 | Yes | **Yes** |
| 24633 MARBELLA AVE | 40 | 0 | 0.15 | 0 | No | No |
| 24700 MARBELLA AVE | 46 | 17 | 1.52 | 4 | Yes | No |
| 24700 RAVENNA AVE | 56 | 9 | 1.28 | 1 | Yes | No |
| 24702 NEPTUNE AVE | 46 | 0 | 0.31 | 0 | No | No |
| 24702 PANAMA AVE | 30 | 3 | 0.56 | 0 | No | No |
| 24703 MARBELLA AVE | 36 | 9 | 0.57 | 0 | No | No |
| 24703 NEPTUNE AVE | 39 | 4 | 0.63 | 0 | No | No |
| 24703 RAVENNA AVE | 53 | 4 | 0.87 | 2 | Yes | No |
| 24706 MARBELLA AVE | 43 | 17 | 1.13 | 7 | Yes | **Yes** |
| 24706 RAVENNA AVE | 33 | 2 | 0.73 | 0 | No | No |
| 24707 MARBELLA AVE | 37 | 0 | 0.31 | 0 | No | No |
| 24708 PANAMA AVE | 37 | 3 | 2.27 | 2 | Yes | No |
| 24709 NEPTUNE AVE | 37 | 0 | 0.31 | 0 | No | No |
| 24709 PANAMA AVE | 43 | 2 | 0.35 | 0 | No | No |
| 24709 RAVENNA AVE | 52 | 1 | 0.7 | 0 | No | No |
| 24710 MARBELLA AVE | 43 | 0 | 0.31 | 0 | No | No |
| 24712 NEPTUNE AVE | 32 | 3 | 1.3 | 1 | Yes | No |
| 24712 PANAMA AVE | 27 | 1 | 0.61 | 0 | No | No |
| 24712 RAVENNA AVE | 45 | 15 | 1.02 | 3 | Yes | No |
| 24713 MARBELLA AVE | 37 | 0 | 0.31 | 0 | No | No |
| 24713 PANAMA AVE | 34 | 3 | 0.75 | 1 | Yes | No |
| 24713 RAVENNA AVE | 35 | 0 | 0.31 | 0 | No | No |

**Table 5-2.1**
**Summary of Background Analysis for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Antimony (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.74 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24715 NEPTUNE AVE | 37 | 10 | 1.4 | 5 | Yes | **Yes** |
| 24716 MARBELLA AVE | 30 | 0 | 0.31 | 0 | No | No |
| 24716 RAVENNA AVE | 15 | 0 | 0.31 | 0 | No | No |
| 24717 MARBELLA AVE | 38 | 0 | 0.31 | 0 | No | No |
| 24718 NEPTUNE AVE | 65 | 41 | 2.55 | 9 | Yes | **Yes** |
| 24718 PANAMA AVE | 33 | 1 | 0.47 | 0 | No | No |
| 24719 NEPTUNE AVE | 33 | 0 | 0.31 | 0 | No | No |
| 24719 PANAMA AVE | 28 | 0 | 0.31 | 0 | No | No |
| 24719 RAVENNA AVE | 45 | 13 | 1.65 | 5 | Yes | No |
| 24722 MARBELLA AVE | 34 | 0 | 0.28 | 0 | No | No |
| 24722 NEPTUNE AVE | 40 | 10 | 0.39 | 0 | No | No |
| 24722 PANAMA AVE | 18 | 0 | 0.31 | 0 | No | No |
| 24722 RAVENNA AVE | 41 | 0 | 0.28 | 0 | No | No |
| 24723 MARBELLA AVE | 22 | 0 | 0.31 | 0 | No | No |
| 24723 RAVENNA AVE | 37 | 0 | 0.31 | 0 | No | No |
| 24725 NEPTUNE AVE | 35 | 0 | 0.31 | 0 | No | No |
| 24726 MARBELLA AVE | 49 | 29 | 2.66 | 17 | Yes | **Yes** |
| 24726 RAVENNA AVE | 37 | 0 | 0.31 | 0 | No | No |
| 24727 MARBELLA AVE | 40 | 17 | 0.96 | 1 | Yes | No |
| 24728 NEPTUNE AVE | 33 | 1 | 0.5 | 0 | No | No |
| 24728 PANAMA AVE | 31 | 8 | 0.96 | 3 | Yes | No |
| 24729 NEPTUNE AVE | 35 | 2 | 0.34 | 0 | No | No |
| 24729 PANAMA AVE | 34 | 0 | 0.31 | 0 | No | No |
| 24729 RAVENNA AVE | 16 | 0 | 0.31 | 0 | No | No |
| 24732 MARBELLA AVE | 37 | 0 | 0.31 | 0 | No | No |
| 24732 NEPTUNE AVE | 35 | 0 | 0.31 | 0 | No | No |
| 24732 PANAMA AVE | 33 | 6 | 0.66 | 0 | No | No |
| 24732 RAVENNA AVE | 42 | 2 | 1.32 | 1 | Yes | No |
| 24733 MARBELLA AVE | 32 | 0 | 0.31 | 0 | No | No |
| 24733 PANAMA AVE | 38 | 1 | 0.42 | 0 | No | No |
| 24733 RAVENNA AVE | 40 | 1 | 0.41 | 0 | No | No |
| 24735 NEPTUNE AVE | 36 | 11 | 1.66 | 7 | Yes | **Yes** |
| 24736 MARBELLA AVE | 52 | 0 | 0.31 | 0 | No | No |
| 24736 RAVENNA AVE | 43 | 8 | 1 | 5 | Yes | No |
| 24737 MARBELLA AVE | 28 | 1 | 0.32 | 0 | No | No |
| 24738 NEPTUNE AVE | 51 | 0 | 0.31 | 0 | No | No |
| 24738 PANAMA AVE | 32 | 24 | 0.92 | 1 | Yes | No |
| 24739 NEPTUNE AVE | 41 | 5 | 0.61 | 0 | No | No |
| 24739 PANAMA AVE | 43 | 12 | 0.98 | 4 | Yes | No |
| 24739 RAVENNA AVE | 42 | 0 | 0.31 | 0 | No | No |
| 24740 MARBELLA AVE | 64 | 16 | 0.5 | 0 | No | No |
| 24741 MARBELLA AVE | 12 | 0 | 0.31 | 0 | No | No |
| 24743 RAVENNA AVE | 42 | 0 | 0.28 | 0 | No | No |
| 24744 MARBELLA AVE | 25 | 11 | 1.74 | 2 | Yes | No |
| 24748 RAVENNA AVE | 24 | 0 | 0.31 | 0 | No | No |
| 24749 RAVENNA AVE | 43 | 34 | 1.63 | 20 | Yes | **Yes** |
| 24752 RAVENNA AVE | 45 | 1 | 0.85 | 1 | Yes | No |
| 24802 PANAMA AVE | 52 | 8 | 0.85 | 3 | Yes | No |
| 24803 NEPTUNE AVE | 32 | 2 | 0.7 | 0 | No | No |
| 24803 PANAMA AVE | 18 | 0 | 0.31 | 0 | No | No |
| 24809 NEPTUNE AVE | 27 | 0 | 0.31 | 0 | No | No |
| 24809 PANAMA AVE | 36 | 0 | 0.31 | 0 | No | No |
| 24812 PANAMA AVE | 29 | 19 | 1.21 | 5 | Yes | **Yes** |
| 24813 PANAMA AVE | 15 | 0 | 0.31 | 0 | No | No |

**Table 5-2.1**
**Summary of Background Analysis for Antimony**
**Former Kast Property**
**Carson, CA**

| Location ID | Antimony (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.74 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24815 NEPTUNE AVE | 30 | 19 | 2.49 | 14 | Yes | **Yes** |
| 24818 PANAMA AVE | 34 | 7 | 0.93 | 2 | Yes | No |
| 24819 PANAMA AVE | 34 | 1 | 0.31 | 0 | No | No |
| 24822 PANAMA AVE | 43 | 1 | 0.34 | 0 | No | No |
| 24823 PANAMA AVE | 39 | 0 | 0.31 | 0 | No | No |
| 24825 NEPTUNE AVE | 98 | 0 | 0.31 | 0 | No | No |
| 24828 PANAMA AVE | 36 | 0 | 0.31 | 0 | No | No |
| 24829 PANAMA AVE | 48 | 7 | 0.68 | 0 | No | No |
| 24832 PANAMA AVE | 38 | 10 | 0.85 | 1 | Yes | No |
| 24833 PANAMA AVE | 43 | 0 | 0.31 | 0 | No | No |
| 24838 PANAMA AVE | 28 | 8 | 0.6 | 0 | No | No |
| 24904 NEPTUNE AVE | 74 | 19 | 1.19 | 7 | Yes | No |
| 24912 NEPTUNE AVE | 36 | 3 | 0.45 | 0 | No | No |
| 301 244TH ST | 29 | 0 | 0.31 | 0 | No | No |
| 305 244TH ST | 54 | 1 | 0.31 | 0 | No | No |
| 311 244TH ST | 71 | 22 | 1.09 | 6 | Yes | No |
| 317 244TH ST | 58 | 0 | 0.31 | 0 | No | No |
| 321 244TH ST | 40 | 10 | 1.78 | 6 | Yes | **Yes** |
| 327 244TH ST | 12 | 3 | 0.91 | 1 | Yes | No |
| 331 244TH ST | 28 | 0 | 0.31 | 0 | No | No |
| 337 244TH ST | 34 | 30 | 1.28 | 3 | Yes | No |
| 341 244TH ST | 48 | 0 | 0.31 | 0 | No | No |
| 344 249TH ST | 35 | 25 | 1.05 | 10 | Yes | **Yes** |
| 345 249TH ST | 93 | 8 | 0.66 | 0 | No | No |
| 347 244TH ST | 32 | 8 | 0.84 | 2 | Yes | No |
| 348 248TH ST | 49 | 10 | 0.75 | 1 | Yes | No |
| 348 249TH ST | 51 | 3 | 0.86 | 1 | Yes | No |
| 351 244TH ST | 32 | 0 | 0.31 | 0 | No | No |
| 352 249TH ST | 32 | 9 | 1.08 | 1 | Yes | No |
| 353 249TH ST | 32 | 0 | 0.31 | 0 | No | No |
| 354 248TH ST | 39 | 0 | 0.31 | 0 | No | No |
| 357 244TH ST | 40 | 14 | 1.24 | 5 | Yes | **Yes** |
| 357 249TH ST | 24 | 0 | 0.31 | 0 | No | No |
| 358 249TH ST | 43 | 0 | 0.31 | 0 | No | No |
| 360 248TH ST | 48 | 2 | 0.71 | 0 | No | No |
| 361 244TH ST | 23 | 0 | 0.31 | 0 | No | No |
| 362 249TH ST | 25 | 0 | 0.31 | 0 | No | No |
| 363 249TH ST | 27 | 0 | 0.31 | 0 | No | No |
| 364 248TH ST | 48 | 0 | 0.31 | 0 | No | No |
| 367 244TH ST | 13 | 0 | 0.31 | 0 | No | No |
| 367 249TH ST | 46 | 13 | 1.11 | 1 | Yes | No |
| 368 249TH ST | 55 | 0 | 0.31 | 0 | No | No |
| 373 249TH ST | 42 | 0 | 0.31 | 0 | No | No |
| 374 248TH ST | 120 | 40 | 1.21 | 8 | Yes | No |
| 374 249TH ST | 27 | 9 | 1.05 | 2 | Yes | No |
| 377 244TH ST | 32 | 5 | 0.64 | 0 | No | No |
| 377 249TH ST | 33 | 0 | 0.31 | 0 | No | No |
| 378 249TH ST | 41 | 21 | 0.82 | 8 | Yes | **Yes** |
| 383 249TH ST | 32 | 0 | 0.31 | 0 | No | No |
| 402 249TH ST | 32 | 0 | 0.31 | 0 | No | No |
| 408 249TH ST | 24 | 1 | 0.31 | 0 | No | No |
| 412 249TH ST | 77 | 0 | 0.31 | 0 | No | No |
| 24703 PANAMA AVE | 62 | 0 | 0.157 | 0 | No | No |
| 24808 PANAMA AVE | 20 | 0 | 0.156 | 0 | No | No |

**Table 5-2.2**
**Summary of Background Analysis for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Arsenic (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (12 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24401 MARBELLA AVE | 33 | 33 | 29.2 | 2 | Yes | No |
| 24402 NEPTUNE AVE | 48 | 48 | 15.6 | 1 | Yes | No |
| 24402 PANAMA AVE | 127 | 127 | 27.9 | 8 | Yes | No |
| 24402 RAVENNA AVE | 40 | 40 | 25 | 3 | Yes | No |
| 24403 NEPTUNE AVE | 46 | 46 | 18.7 | 8 | Yes | **Yes** |
| 24403 RAVENNA AVE | 62 | 62 | 13.9 | 1 | Yes | No |
| 24405 MARBELLA AVE | 25 | 25 | 26.9 | 2 | Yes | No |
| 24406 MARBELLA AVE | 40 | 40 | 12.7 | 2 | Yes | No |
| 24406 NEPTUNE AVE | 28 | 28 | 10.4 | 0 | No | No |
| 24406 PANAMA AVE | 23 | 23 | 5.78 | 0 | No | No |
| 24406 RAVENNA AVE | 26 | 26 | 10 | 0 | No | No |
| 24409 NEPTUNE AVE | 24 | 24 | 13.8 | 1 | Yes | No |
| 24409 RAVENNA AVE | 33 | 33 | 16.3 | 2 | Yes | No |
| 24410 PANAMA AVE | 33 | 33 | 5.69 | 0 | No | No |
| 24411 MARBELLA AVE | 69 | 68 | 18 | 1 | Yes | No |
| 24411 PANAMA AVE | 37 | 37 | 43.6 | 5 | Yes | **Yes** |
| 24412 MARBELLA AVE | 31 | 31 | 14.9 | 1 | Yes | No |
| 24412 RAVENNA AVE | 61 | 61 | 21.1 | 1 | Yes | No |
| 24413 NEPTUNE AVE | 24 | 24 | 14.8 | 1 | Yes | No |
| 24413 RAVENNA AVE | 28 | 28 | 11.9 | 0 | No | No |
| 24416 MARBELLA AVE | 50 | 50 | 21.2 | 3 | Yes | No |
| 24416 NEPTUNE AVE | 21 | 21 | 8.76 | 0 | No | No |
| 24416 PANAMA AVE | 33 | 33 | 6.16 | 0 | No | No |
| 24416 RAVENNA AVE | 42 | 42 | 7.74 | 0 | No | No |
| 24417 MARBELLA AVE | 8 | 8 | 24.6 | 4 | Yes | **Yes** |
| 24417 PANAMA AVE | 47 | 47 | 11.1 | 0 | No | No |
| 24419 NEPTUNE AVE | 32 | 32 | 19.9 | 2 | Yes | No |
| 24419 RAVENNA AVE | 32 | 32 | 8.57 | 0 | No | No |
| 24420 PANAMA AVE | 33 | 33 | 9.05 | 0 | No | No |
| 24421 PANAMA AVE | 30 | 29 | 12.2 | 1 | Yes | No |
| 24422 MARBELLA AVE | 43 | 43 | 9.62 | 0 | No | No |
| 24422 NEPTUNE AVE | 36 | 36 | 10.9 | 0 | No | No |
| 24422 RAVENNA AVE | 29 | 29 | 7.43 | 0 | No | No |
| 24423 MARBELLA AVE | 13 | 13 | 28.3 | 2 | Yes | No |
| 24423 NEPTUNE AVE | 37 | 37 | 10.3 | 0 | No | No |
| 24423 RAVENNA AVE | 40 | 40 | 8.01 | 0 | No | No |
| 24426 MARBELLA AVE | 24 | 24 | 9.78 | 0 | No | No |
| 24426 NEPTUNE AVE | 30 | 30 | 8.98 | 0 | No | No |
| 24426 PANAMA AVE | 30 | 30 | 6.27 | 0 | No | No |
| 24426 RAVENNA AVE | 49 | 49 | 13.8 | 1 | Yes | No |
| 24427 MARBELLA AVE | 25 | 25 | 13.6 | 1 | Yes | No |
| 24427 PANAMA AVE | 38 | 38 | 11 | 0 | No | No |
| 24429 NEPTUNE AVE | 19 | 19 | 10.7 | 0 | No | No |
| 24429 RAVENNA AVE | 29 | 29 | 7.39 | 0 | No | No |
| 24430 PANAMA AVE | 30 | 30 | 9.26 | 0 | No | No |
| 24431 PANAMA AVE | 35 | 35 | 21.8 | 1 | Yes | No |
| 24432 MARBELLA AVE | 67 | 67 | 16.4 | 2 | Yes | No |
| 24433 MARBELLA AVE | 27 | 27 | 10.1 | 0 | No | No |
| 24436 PANAMA AVE | 35 | 35 | 6.59 | 0 | No | No |
| 24502 MARBELLA AVE | 51 | 51 | 16.9 | 1 | Yes | No |
| 24502 NEPTUNE AVE | 58 | 58 | 7.68 | 0 | No | No |
| 24502 PANAMA AVE | 48 | 45 | 6.85 | 0 | No | No |
| 24502 RAVENNA AVE | 44 | 44 | 8.79 | 0 | No | No |
| 24503 MARBELLA AVE | 29 | 29 | 9.4 | 0 | No | No |

**Table 5-2.2**
**Summary of Background Analysis for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Arsenic (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (12 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24503 NEPTUNE AVE | 60 | 60 | 35.5 | 4 | Yes | No |
| 24503 PANAMA AVE | 28 | 28 | 10.1 | 0 | No | No |
| 24503 RAVENNA AVE | 34 | 34 | 11.3 | 0 | No | No |
| 24506 MARBELLA AVE | 36 | 36 | 28.8 | 6 | Yes | **Yes** |
| 24507 MARBELLA AVE | 36 | 36 | 12.4 | 1 | Yes | No |
| 24508 NEPTUNE AVE | 40 | 40 | 14.8 | 2 | Yes | No |
| 24508 PANAMA AVE | 24 | 24 | 6.58 | 0 | No | No |
| 24508 RAVENNA AVE | 39 | 39 | 9.6 | 0 | No | No |
| 24509 NEPTUNE AVE | 31 | 31 | 15.2 | 2 | Yes | No |
| 24509 PANAMA AVE | 47 | 47 | 12.1 | 1 | Yes | No |
| 24509 RAVENNA AVE | 37 | 37 | 14 | 2 | Yes | No |
| 24512 MARBELLA AVE | 48 | 48 | 18.7 | 5 | Yes | No |
| 24512 NEPTUNE AVE | 36 | 36 | 14.8 | 2 | Yes | No |
| 24512 PANAMA AVE | 28 | 28 | 6.15 | 0 | No | No |
| 24512 RAVENNA AVE | 56 | 56 | 20 | 2 | Yes | No |
| 24513 NEPTUNE AVE | 37 | 37 | 14.4 | 1 | Yes | No |
| 24513 PANAMA AVE | 51 | 51 | 37.9 | 2 | Yes | No |
| 24513 RAVENNA AVE | 30 | 30 | 12.8 | 2 | Yes | No |
| 24516 MARBELLA AVE | 30 | 30 | 17.8 | 4 | Yes | No |
| 24517 MARBELLA AVE | 12 | 12 | 7.9 | 0 | No | No |
| 24518 NEPTUNE AVE | 45 | 45 | 17.3 | 2 | Yes | No |
| 24518 PANAMA AVE | 42 | 42 | 6.81 | 0 | No | No |
| 24518 RAVENNA AVE | 30 | 30 | 26.8 | 4 | Yes | No |
| 24519 NEPTUNE AVE | 35 | 35 | 11.3 | 0 | No | No |
| 24519 PANAMA AVE | 30 | 30 | 9.25 | 0 | No | No |
| 24522 MARBELLA AVE | 27 | 27 | 19 | 8 | Yes | **Yes** |
| 24522 NEPTUNE AVE | 28 | 28 | 19.8 | 2 | Yes | No |
| 24522 PANAMA AVE | 36 | 36 | 8.92 | 0 | No | No |
| 24522 RAVENNA AVE | 35 | 35 | 13.7 | 1 | Yes | No |
| 24523 MARBELLA AVE | 45 | 45 | 12 | 0 | No | No |
| 24523 NEPTUNE AVE | 37 | 37 | 21.9 | 4 | Yes | No |
| 24523 RAVENNA AVE | 17 | 17 | 9.48 | 0 | No | No |
| 24526 MARBELLA AVE | 36 | 36 | 26.2 | 2 | Yes | No |
| 24528 NEPTUNE AVE | 31 | 31 | 15.8 | 2 | Yes | No |
| 24528 PANAMA AVE | 39 | 39 | 5.8 | 0 | No | No |
| 24529 NEPTUNE AVE | 32 | 32 | 11.3 | 0 | No | No |
| 24529 PANAMA AVE | 24 | 24 | 6.01 | 0 | No | No |
| 24529 RAVENNA AVE | 26 | 26 | 9.29 | 0 | No | No |
| 24532 MARBELLA AVE | 27 | 27 | 16.1 | 2 | Yes | No |
| 24532 NEPTUNE AVE | 21 | 21 | 7.66 | 0 | No | No |
| 24532 PANAMA AVE | 23 | 23 | 11.2 | 0 | No | No |
| 24532 RAVENNA AVE | 29 | 29 | 6.51 | 0 | No | No |
| 24533 MARBELLA AVE | 25 | 25 | 11 | 0 | No | No |
| 24533 PANAMA AVE | 29 | 29 | 8.4 | 0 | No | No |
| 24533 RAVENNA AVE | 52 | 52 | 4.57 | 0 | No | No |
| 24602 MARBELLA AVE | 34 | 34 | 16 | 2 | Yes | No |
| 24602 NEPTUNE AVE | 33 | 33 | 3.86 | 0 | No | No |
| 24602 PANAMA AVE | 40 | 40 | 15 | 2 | Yes | No |
| 24602 RAVENNA AVE | 28 | 28 | 9.3 | 0 | No | No |
| 24603 MARBELLA AVE | 26 | 26 | 12.3 | 1 | Yes | No |
| 24603 NEPTUNE AVE | 49 | 49 | 8.62 | 0 | No | No |
| 24603 PANAMA AVE | 30 | 30 | 8.04 | 0 | No | No |
| 24603 RAVENNA AVE | 31 | 31 | 6.02 | 0 | No | No |
| 24606 MARBELLA AVE | 63 | 63 | 11 | 0 | No | No |

**Table 5-2.2**
**Summary of Background Analysis for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Arsenic (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (12 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24607 MARBELLA AVE | 31 | 31 | 21.1 | 1 | Yes | No |
| 24608 NEPTUNE AVE | 37 | 37 | 6.98 | 0 | No | No |
| 24608 PANAMA AVE | 22 | 22 | 11.2 | 0 | No | No |
| 24608 RAVENNA AVE | 40 | 40 | 14.7 | 1 | Yes | No |
| 24609 NEPTUNE AVE | 30 | 30 | 15.5 | 4 | Yes | No |
| 24609 PANAMA AVE | 34 | 34 | 14.3 | 1 | Yes | No |
| 24609 RAVENNA AVE | 45 | 45 | 5.51 | 0 | No | No |
| 24612 MARBELLA AVE | 51 | 51 | 14.8 | 2 | Yes | No |
| 24612 NEPTUNE AVE | 47 | 47 | 9.42 | 0 | No | No |
| 24612 PANAMA AVE | 33 | 33 | 10.2 | 0 | No | No |
| 24612 RAVENNA AVE | 46 | 46 | 15.6 | 3 | Yes | No |
| 24613 MARBELLA AVE | 52 | 52 | 35.4 | 11 | Yes | **Yes** |
| 24613 NEPTUNE AVE | 39 | 39 | 15.2 | 5 | Yes | **Yes** |
| 24613 PANAMA AVE | 51 | 51 | 14.8 | 1 | Yes | No |
| 24613 RAVENNA AVE | 33 | 33 | 8.26 | 0 | No | No |
| 24616 MARBELLA AVE | 46 | 46 | 32.2 | 5 | Yes | No |
| 24617 MARBELLA AVE | 34 | 34 | 17.2 | 6 | Yes | **Yes** |
| 24618 NEPTUNE AVE | 26 | 26 | 8.68 | 0 | No | No |
| 24618 PANAMA AVE | 28 | 28 | 18.2 | 1 | Yes | No |
| 24618 RAVENNA AVE | 40 | 40 | 15.1 | 1 | Yes | No |
| 24619 NEPTUNE AVE | 28 | 28 | 14.2 | 3 | Yes | No |
| 24619 PANAMA AVE | 38 | 38 | 15 | 1 | Yes | No |
| 24619 RAVENNA AVE | 35 | 35 | 8.63 | 0 | No | No |
| 24622 MARBELLA AVE | 53 | 53 | 28.4 | 6 | Yes | **Yes** |
| 24622 NEPTUNE AVE | 34 | 34 | 13.2 | 1 | Yes | No |
| 24623 MARBELLA AVE | 32 | 32 | 25.8 | 3 | Yes | No |
| 24623 NEPTUNE AVE | 36 | 36 | 16 | 7 | Yes | **Yes** |
| 24627 MARBELLA AVE | 48 | 48 | 20.5 | 4 | Yes | No |
| 24628 MARBELLA AVE | 52 | 52 | 25.6 | 8 | Yes | **Yes** |
| 24628 NEPTUNE AVE | 18 | 18 | 5.85 | 0 | No | No |
| 24629 NEPTUNE AVE | 39 | 39 | 13 | 2 | Yes | No |
| 24632 NEPTUNE AVE | 20 | 20 | 11.2 | 0 | No | No |
| 24633 MARBELLA AVE | 40 | 40 | 27.7 | 4 | Yes | No |
| 24700 MARBELLA AVE | 46 | 46 | 16.2 | 1 | Yes | No |
| 24700 RAVENNA AVE | 56 | 56 | 11.7 | 0 | No | No |
| 24702 NEPTUNE AVE | 46 | 46 | 7.49 | 0 | No | No |
| 24702 PANAMA AVE | 30 | 30 | 13.4 | 1 | Yes | No |
| 24703 MARBELLA AVE | 36 | 36 | 12.8 | 1 | Yes | No |
| 24703 NEPTUNE AVE | 39 | 39 | 10.9 | 0 | No | No |
| 24703 RAVENNA AVE | 53 | 53 | 9.93 | 0 | No | No |
| 24706 MARBELLA AVE | 43 | 43 | 11.5 | 0 | No | No |
| 24706 RAVENNA AVE | 33 | 33 | 13.6 | 1 | Yes | No |
| 24707 MARBELLA AVE | 37 | 37 | 11.2 | 0 | No | No |
| 24708 PANAMA AVE | 37 | 37 | 12.1 | 1 | Yes | No |
| 24709 NEPTUNE AVE | 37 | 37 | 16.8 | 2 | Yes | No |
| 24709 PANAMA AVE | 43 | 43 | 11.4 | 0 | No | No |
| 24709 RAVENNA AVE | 52 | 52 | 11.5 | 0 | No | No |
| 24710 MARBELLA AVE | 43 | 43 | 9.01 | 0 | No | No |
| 24712 NEPTUNE AVE | 32 | 32 | 11.5 | 0 | No | No |
| 24712 PANAMA AVE | 27 | 27 | 7.33 | 0 | No | No |
| 24712 RAVENNA AVE | 45 | 45 | 8.7 | 0 | No | No |
| 24713 MARBELLA AVE | 37 | 37 | 9.79 | 0 | No | No |
| 24713 PANAMA AVE | 34 | 34 | 16.5 | 2 | Yes | No |
| 24713 RAVENNA AVE | 35 | 35 | 6.31 | 0 | No | No |

**Table 5-2.2**
**Summary of Background Analysis for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Arsenic (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (12 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24715 NEPTUNE AVE | 37 | 37 | 16.7 | 3 | Yes | No |
| 24716 MARBELLA AVE | 30 | 30 | 11.2 | 0 | No | No |
| 24716 RAVENNA AVE | 15 | 15 | 10.5 | 0 | No | No |
| 24717 MARBELLA AVE | 38 | 38 | 10.7 | 0 | No | No |
| 24718 NEPTUNE AVE | 65 | 65 | 7.88 | 0 | No | No |
| 24718 PANAMA AVE | 33 | 33 | 11.7 | 0 | No | No |
| 24719 NEPTUNE AVE | 33 | 33 | 8.64 | 0 | No | No |
| 24719 PANAMA AVE | 28 | 28 | 13.6 | 1 | Yes | No |
| 24719 RAVENNA AVE | 45 | 45 | 9.28 | 0 | No | No |
| 24722 MARBELLA AVE | 34 | 34 | 6.6 | 0 | No | No |
| 24722 NEPTUNE AVE | 40 | 40 | 5.46 | 0 | No | No |
| 24722 PANAMA AVE | 18 | 18 | 6.56 | 0 | No | No |
| 24722 RAVENNA AVE | 41 | 41 | 8.6 | 0 | No | No |
| 24723 MARBELLA AVE | 22 | 22 | 5.79 | 0 | No | No |
| 24723 RAVENNA AVE | 37 | 35 | 4.42 | 0 | No | No |
| 24725 NEPTUNE AVE | 35 | 35 | 6.63 | 0 | No | No |
| 24726 MARBELLA AVE | 49 | 49 | 11.4 | 0 | No | No |
| 24726 RAVENNA AVE | 37 | 37 | 5.68 | 0 | No | No |
| 24727 MARBELLA AVE | 40 | 40 | 8.17 | 0 | No | No |
| 24728 NEPTUNE AVE | 33 | 33 | 4.76 | 0 | No | No |
| 24728 PANAMA AVE | 31 | 31 | 10.8 | 0 | No | No |
| 24729 NEPTUNE AVE | 35 | 35 | 6.3 | 0 | No | No |
| 24729 PANAMA AVE | 34 | 34 | 8.85 | 0 | No | No |
| 24729 RAVENNA AVE | 16 | 16 | 6.51 | 0 | No | No |
| 24732 MARBELLA AVE | 37 | 37 | 9.03 | 0 | No | No |
| 24732 NEPTUNE AVE | 35 | 35 | 4.68 | 0 | No | No |
| 24732 PANAMA AVE | 33 | 33 | 6 | 0 | No | No |
| 24732 RAVENNA AVE | 42 | 39 | 5.82 | 0 | No | No |
| 24733 MARBELLA AVE | 32 | 32 | 8.98 | 0 | No | No |
| 24733 PANAMA AVE | 38 | 38 | 6.64 | 0 | No | No |
| 24733 RAVENNA AVE | 40 | 40 | 5.06 | 0 | No | No |
| 24735 NEPTUNE AVE | 36 | 36 | 4.92 | 0 | No | No |
| 24736 MARBELLA AVE | 52 | 52 | 8.55 | 0 | No | No |
| 24736 RAVENNA AVE | 43 | 43 | 5.62 | 0 | No | No |
| 24737 MARBELLA AVE | 28 | 28 | 6.3 | 0 | No | No |
| 24738 NEPTUNE AVE | 51 | 51 | 5.76 | 0 | No | No |
| 24738 PANAMA AVE | 32 | 32 | 4.61 | 0 | No | No |
| 24739 NEPTUNE AVE | 41 | 41 | 7.14 | 0 | No | No |
| 24739 PANAMA AVE | 43 | 43 | 9.32 | 0 | No | No |
| 24739 RAVENNA AVE | 42 | 41 | 4.09 | 0 | No | No |
| 24740 MARBELLA AVE | 64 | 64 | 10.8 | 0 | No | No |
| 24741 MARBELLA AVE | 12 | 12 | 5.39 | 0 | No | No |
| 24743 RAVENNA AVE | 42 | 42 | 4.3 | 0 | No | No |
| 24744 MARBELLA AVE | 25 | 25 | 5.81 | 0 | No | No |
| 24748 RAVENNA AVE | 24 | 24 | 6.9 | 0 | No | No |
| 24749 RAVENNA AVE | 43 | 43 | 6.22 | 0 | No | No |
| 24752 RAVENNA AVE | 45 | 45 | 5.5 | 0 | No | No |
| 24802 PANAMA AVE | 52 | 52 | 5.33 | 0 | No | No |
| 24803 NEPTUNE AVE | 32 | 32 | 6.7 | 0 | No | No |
| 24803 PANAMA AVE | 18 | 18 | 5.03 | 0 | No | No |
| 24809 NEPTUNE AVE | 27 | 27 | 3.01 | 0 | No | No |
| 24809 PANAMA AVE | 36 | 36 | 6.83 | 0 | No | No |
| 24812 PANAMA AVE | 29 | 29 | 3.54 | 0 | No | No |
| 24813 PANAMA AVE | 15 | 15 | 4.47 | 0 | No | No |

**Table 5-2.2**
**Summary of Background Analysis for Arsenic**
**Former Kast Property**
**Carson, CA**

| Location ID | Arsenic (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (12 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24815 NEPTUNE AVE | 30 | 30 | 5.2 | 0 | No | No |
| 24818 PANAMA AVE | 34 | 34 | 4.33 | 0 | No | No |
| 24819 PANAMA AVE | 34 | 34 | 6.01 | 0 | No | No |
| 24822 PANAMA AVE | 43 | 43 | 5.75 | 0 | No | No |
| 24823 PANAMA AVE | 39 | 39 | 5.9 | 0 | No | No |
| 24825 NEPTUNE AVE | 98 | 98 | 6.45 | 0 | No | No |
| 24828 PANAMA AVE | 36 | 36 | 3.77 | 0 | No | No |
| 24829 PANAMA AVE | 48 | 48 | 8.67 | 0 | No | No |
| 24832 PANAMA AVE | 38 | 37 | 3.9 | 0 | No | No |
| 24833 PANAMA AVE | 43 | 43 | 3.8 | 0 | No | No |
| 24838 PANAMA AVE | 28 | 28 | 7.23 | 0 | No | No |
| 24904 NEPTUNE AVE | 74 | 74 | 6.59 | 0 | No | No |
| 24912 NEPTUNE AVE | 36 | 36 | 6.07 | 0 | No | No |
| 301 244TH ST | 29 | 24 | 14 | 1 | Yes | No |
| 305 244TH ST | 54 | 54 | 28.2 | 9 | Yes | **Yes** |
| 311 244TH ST | 71 | 71 | 39.6 | 4 | Yes | No |
| 317 244TH ST | 58 | 58 | 20.2 | 4 | Yes | No |
| 321 244TH ST | 40 | 40 | 50.9 | 6 | Yes | **Yes** |
| 327 244TH ST | 12 | 12 | 10.9 | 0 | No | No |
| 331 244TH ST | 28 | 28 | 62.9 | 6 | Yes | **Yes** |
| 337 244TH ST | 34 | 34 | 19.3 | 5 | Yes | **Yes** |
| 341 244TH ST | 48 | 48 | 19.3 | 4 | Yes | No |
| 344 249TH ST | 35 | 35 | 4.73 | 0 | No | No |
| 345 249TH ST | 93 | 93 | 5.99 | 0 | No | No |
| 347 244TH ST | 32 | 32 | 14.2 | 1 | Yes | No |
| 348 248TH ST | 49 | 49 | 5.58 | 0 | No | No |
| 348 249TH ST | 51 | 50 | 6.55 | 0 | No | No |
| 351 244TH ST | 32 | 32 | 8.58 | 0 | No | No |
| 352 249TH ST | 32 | 32 | 4.32 | 0 | No | No |
| 353 249TH ST | 32 | 32 | 11.1 | 0 | No | No |
| 354 248TH ST | 39 | 39 | 6.21 | 0 | No | No |
| 357 244TH ST | 40 | 40 | 9.56 | 0 | No | No |
| 357 249TH ST | 24 | 24 | 6.17 | 0 | No | No |
| 358 249TH ST | 43 | 42 | 4.93 | 0 | No | No |
| 360 248TH ST | 48 | 48 | 8.26 | 0 | No | No |
| 361 244TH ST | 23 | 23 | 9.84 | 0 | No | No |
| 362 249TH ST | 25 | 25 | 5.67 | 0 | No | No |
| 363 249TH ST | 27 | 27 | 6.3 | 0 | No | No |
| 364 248TH ST | 48 | 48 | 4.86 | 0 | No | No |
| 367 244TH ST | 13 | 13 | 5.55 | 0 | No | No |
| 367 249TH ST | 46 | 46 | 5.96 | 0 | No | No |
| 368 249TH ST | 55 | 55 | 7.22 | 0 | No | No |
| 373 249TH ST | 42 | 41 | 5.06 | 0 | No | No |
| 374 248TH ST | 120 | 120 | 7.46 | 0 | No | No |
| 374 249TH ST | 27 | 24 | 3.38 | 0 | No | No |
| 377 244TH ST | 32 | 32 | 11.6 | 0 | No | No |
| 377 249TH ST | 33 | 21 | 2.54 | 0 | No | No |
| 378 249TH ST | 41 | 41 | 4.38 | 0 | No | No |
| 383 249TH ST | 32 | 32 | 6.86 | 0 | No | No |
| 402 249TH ST | 32 | 32 | 3.6 | 0 | No | No |
| 408 249TH ST | 24 | 24 | 6.7 | 0 | No | No |
| 412 249TH ST | 77 | 77 | 11.5 | 0 | No | No |
| 24703 PANAMA AVE | 62 | 62 | 12.9 | 1 | Yes | No |
| 24808 PANAMA AVE | 20 | 20 | 3.48 | 0 | No | No |

**Table 5-2.3**
**Summary of Background Analysis for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Cadmium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (3.81 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24401 MARBELLA AVE | 33 | 30 | 1.16 | 0 | No | No |
| 24402 NEPTUNE AVE | 48 | 0 | 0.09 | 0 | No | No |
| 24402 PANAMA AVE | 127 | 36 | 0.83 | 0 | No | No |
| 24402 RAVENNA AVE | 40 | 23 | 1.54 | 0 | No | No |
| 24403 NEPTUNE AVE | 46 | 0 | 0.09 | 0 | No | No |
| 24403 RAVENNA AVE | 62 | 41 | 0.58 | 0 | No | No |
| 24405 MARBELLA AVE | 25 | 20 | 0.21 | 0 | No | No |
| 24406 MARBELLA AVE | 40 | 18 | 0.7 | 0 | No | No |
| 24406 NEPTUNE AVE | 28 | 20 | 0.75 | 0 | No | No |
| 24406 PANAMA AVE | 23 | 1 | 0.09 | 0 | No | No |
| 24406 RAVENNA AVE | 26 | 17 | 0.47 | 0 | No | No |
| 24409 NEPTUNE AVE | 24 | 12 | 1.85 | 0 | No | No |
| 24409 RAVENNA AVE | 33 | 30 | 1.4 | 0 | No | No |
| 24410 PANAMA AVE | 33 | 8 | 0.36 | 0 | No | No |
| 24411 MARBELLA AVE | 69 | 29 | 0.45 | 0 | No | No |
| 24411 PANAMA AVE | 37 | 2 | 6.33 | 2 | Yes | No |
| 24412 MARBELLA AVE | 31 | 16 | 1.68 | 0 | No | No |
| 24412 RAVENNA AVE | 61 | 0 | 0.09 | 0 | No | No |
| 24413 NEPTUNE AVE | 24 | 6 | 2.05 | 0 | No | No |
| 24413 RAVENNA AVE | 28 | 4 | 0.98 | 0 | No | No |
| 24416 MARBELLA AVE | 50 | 8 | 0.93 | 0 | No | No |
| 24416 NEPTUNE AVE | 21 | 21 | 0.38 | 0 | No | No |
| 24416 PANAMA AVE | 33 | 21 | 0.37 | 0 | No | No |
| 24416 RAVENNA AVE | 42 | 1 | 1.22 | 0 | No | No |
| 24417 MARBELLA AVE | 8 | 0 | 0.09 | 0 | No | No |
| 24417 PANAMA AVE | 47 | 24 | 0.57 | 0 | No | No |
| 24419 NEPTUNE AVE | 32 | 0 | 0.09 | 0 | No | No |
| 24419 RAVENNA AVE | 32 | 1 | 0.43 | 0 | No | No |
| 24420 PANAMA AVE | 33 | 6 | 1.09 | 0 | No | No |
| 24421 PANAMA AVE | 30 | 9 | 0.34 | 0 | No | No |
| 24422 MARBELLA AVE | 43 | 9 | 0.81 | 0 | No | No |
| 24422 NEPTUNE AVE | 36 | 1 | 0.22 | 0 | No | No |
| 24422 RAVENNA AVE | 29 | 9 | 0.15 | 0 | No | No |
| 24423 MARBELLA AVE | 13 | 1 | 1.7 | 0 | No | No |
| 24423 NEPTUNE AVE | 37 | 21 | 0.39 | 0 | No | No |
| 24423 RAVENNA AVE | 40 | 4 | 0.38 | 0 | No | No |
| 24426 MARBELLA AVE | 24 | 4 | 0.79 | 0 | No | No |
| 24426 NEPTUNE AVE | 30 | 0 | 0.09 | 0 | No | No |
| 24426 PANAMA AVE | 30 | 12 | 0.75 | 0 | No | No |
| 24426 RAVENNA AVE | 49 | 1 | 0.8 | 0 | No | No |
| 24427 MARBELLA AVE | 25 | 0 | 0.09 | 0 | No | No |
| 24427 PANAMA AVE | 38 | 1 | 1.08 | 0 | No | No |
| 24429 NEPTUNE AVE | 19 | 0 | 0.09 | 0 | No | No |
| 24429 RAVENNA AVE | 29 | 18 | 0.44 | 0 | No | No |
| 24430 PANAMA AVE | 30 | 1 | 1.37 | 0 | No | No |
| 24431 PANAMA AVE | 35 | 18 | 1.12 | 0 | No | No |
| 24432 MARBELLA AVE | 67 | 16 | 0.66 | 0 | No | No |
| 24433 MARBELLA AVE | 27 | 3 | 0.32 | 0 | No | No |
| 24436 PANAMA AVE | 35 | 0 | 0.09 | 0 | No | No |
| 24502 MARBELLA AVE | 51 | 30 | 2.8 | 0 | No | No |
| 24502 NEPTUNE AVE | 58 | 0 | 0.09 | 0 | No | No |
| 24502 PANAMA AVE | 48 | 0 | 0.14 | 0 | No | No |
| 24502 RAVENNA AVE | 44 | 4 | 0.25 | 0 | No | No |
| 24503 MARBELLA AVE | 29 | 0 | 0.09 | 0 | No | No |

**Table 5-2.3**
**Summary of Background Analysis for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Cadmium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (3.81 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24503 NEPTUNE AVE | 60 | 12 | 0.72 | 0 | No | No |
| 24503 PANAMA AVE | 28 | 23 | 0.27 | 0 | No | No |
| 24503 RAVENNA AVE | 34 | 1 | 0.14 | 0 | No | No |
| 24506 MARBELLA AVE | 36 | 24 | 0.47 | 0 | No | No |
| 24507 MARBELLA AVE | 36 | 33 | 0.34 | 0 | No | No |
| 24508 NEPTUNE AVE | 40 | 0 | 0.09 | 0 | No | No |
| 24508 PANAMA AVE | 24 | 0 | 0.09 | 0 | No | No |
| 24508 RAVENNA AVE | 39 | 4 | 0.28 | 0 | No | No |
| 24509 NEPTUNE AVE | 31 | 22 | 0.64 | 0 | No | No |
| 24509 PANAMA AVE | 47 | 17 | 1.85 | 0 | No | No |
| 24509 RAVENNA AVE | 37 | 1 | 1 | 0 | No | No |
| 24512 MARBELLA AVE | 48 | 48 | 0.73 | 0 | No | No |
| 24512 NEPTUNE AVE | 36 | 36 | 1.36 | 0 | No | No |
| 24512 PANAMA AVE | 28 | 2 | 0.27 | 0 | No | No |
| 24512 RAVENNA AVE | 56 | 30 | 0.314 | 0 | No | No |
| 24513 NEPTUNE AVE | 37 | 3 | 0.27 | 0 | No | No |
| 24513 PANAMA AVE | 51 | 3 | 0.12 | 0 | No | No |
| 24513 RAVENNA AVE | 30 | 13 | 0.37 | 0 | No | No |
| 24516 MARBELLA AVE | 30 | 0 | 0.09 | 0 | No | No |
| 24517 MARBELLA AVE | 12 | 8 | 0.98 | 0 | No | No |
| 24518 NEPTUNE AVE | 45 | 29 | 0.46 | 0 | No | No |
| 24518 PANAMA AVE | 42 | 6 | 0.44 | 0 | No | No |
| 24518 RAVENNA AVE | 30 | 9 | 0.58 | 0 | No | No |
| 24519 NEPTUNE AVE | 35 | 8 | 6.88 | 1 | Yes | No |
| 24519 PANAMA AVE | 30 | 11 | 0.51 | 0 | No | No |
| 24522 MARBELLA AVE | 27 | 13 | 0.39 | 0 | No | No |
| 24522 NEPTUNE AVE | 28 | 17 | 0.58 | 0 | No | No |
| 24522 PANAMA AVE | 36 | 0 | 0.09 | 0 | No | No |
| 24522 RAVENNA AVE | 35 | 8 | 0.28 | 0 | No | No |
| 24523 MARBELLA AVE | 45 | 14 | 0.63 | 0 | No | No |
| 24523 NEPTUNE AVE | 37 | 4 | 0.36 | 0 | No | No |
| 24523 RAVENNA AVE | 17 | 6 | 0.73 | 0 | No | No |
| 24526 MARBELLA AVE | 36 | 14 | 0.57 | 0 | No | No |
| 24528 NEPTUNE AVE | 31 | 12 | 0.28 | 0 | No | No |
| 24528 PANAMA AVE | 39 | 1 | 0.2 | 0 | No | No |
| 24529 NEPTUNE AVE | 32 | 3 | 0.72 | 0 | No | No |
| 24529 PANAMA AVE | 24 | 16 | 0.59 | 0 | No | No |
| 24529 RAVENNA AVE | 26 | 14 | 3.72 | 0 | No | No |
| 24532 MARBELLA AVE | 27 | 16 | 0.33 | 0 | No | No |
| 24532 NEPTUNE AVE | 21 | 6 | 1.35 | 0 | No | No |
| 24532 PANAMA AVE | 23 | 22 | 0.43 | 0 | No | No |
| 24532 RAVENNA AVE | 29 | 1 | 0.12 | 0 | No | No |
| 24533 MARBELLA AVE | 25 | 21 | 2.6 | 0 | No | No |
| 24533 PANAMA AVE | 29 | 2 | 1.1 | 0 | No | No |
| 24533 RAVENNA AVE | 52 | 5 | 0.42 | 0 | No | No |
| 24602 MARBELLA AVE | 34 | 34 | 1.2 | 0 | No | No |
| 24602 NEPTUNE AVE | 33 | 0 | 0.09 | 0 | No | No |
| 24602 PANAMA AVE | 40 | 0 | 0.09 | 0 | No | No |
| 24602 RAVENNA AVE | 28 | 1 | 0.17 | 0 | No | No |
| 24603 MARBELLA AVE | 26 | 3 | 0.31 | 0 | No | No |
| 24603 NEPTUNE AVE | 49 | 5 | 0.2 | 0 | No | No |
| 24603 PANAMA AVE | 30 | 0 | 0.09 | 0 | No | No |
| 24603 RAVENNA AVE | 31 | 5 | 0.22 | 0 | No | No |
| 24606 MARBELLA AVE | 63 | 7 | 0.33 | 0 | No | No |

**Table 5-2.3**
**Summary of Background Analysis for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Cadmium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (3.81 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24607 MARBELLA AVE | 31 | 17 | 0.65 | 0 | No | No |
| 24608 NEPTUNE AVE | 37 | 0 | 0.09 | 0 | No | No |
| 24608 PANAMA AVE | 22 | 14 | 0.27 | 0 | No | No |
| 24608 RAVENNA AVE | 40 | 8 | 1 | 0 | No | No |
| 24609 NEPTUNE AVE | 30 | 7 | 0.39 | 0 | No | No |
| 24609 PANAMA AVE | 34 | 5 | 0.38 | 0 | No | No |
| 24609 RAVENNA AVE | 45 | 4 | 0.6 | 0 | No | No |
| 24612 MARBELLA AVE | 51 | 27 | 3.08 | 0 | No | No |
| 24612 NEPTUNE AVE | 47 | 4 | 0.77 | 0 | No | No |
| 24612 PANAMA AVE | 33 | 25 | 0.51 | 0 | No | No |
| 24612 RAVENNA AVE | 46 | 26 | 0.61 | 0 | No | No |
| 24613 MARBELLA AVE | 52 | 0 | 0.09 | 0 | No | No |
| 24613 NEPTUNE AVE | 39 | 18 | 0.33 | 0 | No | No |
| 24613 PANAMA AVE | 51 | 1 | 0.2 | 0 | No | No |
| 24613 RAVENNA AVE | 33 | 14 | 0.32 | 0 | No | No |
| 24616 MARBELLA AVE | 46 | 12 | 0.28 | 0 | No | No |
| 24617 MARBELLA AVE | 34 | 33 | 1.02 | 0 | No | No |
| 24618 NEPTUNE AVE | 26 | 0 | 0.09 | 0 | No | No |
| 24618 PANAMA AVE | 28 | 4 | 0.63 | 0 | No | No |
| 24618 RAVENNA AVE | 40 | 27 | 0.19 | 0 | No | No |
| 24619 NEPTUNE AVE | 28 | 0 | 0.09 | 0 | No | No |
| 24619 PANAMA AVE | 38 | 7 | 0.21 | 0 | No | No |
| 24619 RAVENNA AVE | 35 | 6 | 0.32 | 0 | No | No |
| 24622 MARBELLA AVE | 53 | 1 | 1.03 | 0 | No | No |
| 24622 NEPTUNE AVE | 34 | 25 | 0.61 | 0 | No | No |
| 24623 MARBELLA AVE | 32 | 28 | 0.57 | 0 | No | No |
| 24623 NEPTUNE AVE | 36 | 1 | 0.24 | 0 | No | No |
| 24627 MARBELLA AVE | 48 | 0 | 0.09 | 0 | No | No |
| 24628 MARBELLA AVE | 52 | 34 | 0.78 | 0 | No | No |
| 24628 NEPTUNE AVE | 18 | 1 | 0.09 | 0 | No | No |
| 24629 NEPTUNE AVE | 39 | 1 | 0.1 | 0 | No | No |
| 24632 NEPTUNE AVE | 20 | 0 | 0.09 | 0 | No | No |
| 24633 MARBELLA AVE | 40 | 7 | 0.58 | 0 | No | No |
| 24700 MARBELLA AVE | 46 | 1 | 0.3 | 0 | No | No |
| 24700 RAVENNA AVE | 56 | 0 | 0.09 | 0 | No | No |
| 24702 NEPTUNE AVE | 46 | 4 | 0.39 | 0 | No | No |
| 24702 PANAMA AVE | 30 | 2 | 1.72 | 0 | No | No |
| 24703 MARBELLA AVE | 36 | 15 | 0.66 | 0 | No | No |
| 24703 NEPTUNE AVE | 39 | 15 | 0.65 | 0 | No | No |
| 24703 RAVENNA AVE | 53 | 3 | 0.29 | 0 | No | No |
| 24706 MARBELLA AVE | 43 | 3 | 0.53 | 0 | No | No |
| 24706 RAVENNA AVE | 33 | 3 | 0.19 | 0 | No | No |
| 24707 MARBELLA AVE | 37 | 0 | 0.09 | 0 | No | No |
| 24708 PANAMA AVE | 37 | 13 | 0.72 | 0 | No | No |
| 24709 NEPTUNE AVE | 37 | 0 | 0.09 | 0 | No | No |
| 24709 PANAMA AVE | 43 | 3 | 0.15 | 0 | No | No |
| 24709 RAVENNA AVE | 52 | 6 | 0.15 | 0 | No | No |
| 24710 MARBELLA AVE | 43 | 19 | 0.52 | 0 | No | No |
| 24712 NEPTUNE AVE | 32 | 0 | 0.09 | 0 | No | No |
| 24712 PANAMA AVE | 27 | 3 | 0.23 | 0 | No | No |
| 24712 RAVENNA AVE | 45 | 5 | 0.18 | 0 | No | No |
| 24713 MARBELLA AVE | 37 | 15 | 0.34 | 0 | No | No |
| 24713 PANAMA AVE | 34 | 28 | 0.62 | 0 | No | No |
| 24713 RAVENNA AVE | 35 | 34 | 0.61 | 0 | No | No |

**Table 5-2.3**
**Summary of Background Analysis for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Cadmium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (3.81 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24715 NEPTUNE AVE | 37 | 12 | 0.47 | 0 | No | No |
| 24716 MARBELLA AVE | 30 | 0 | 0.09 | 0 | No | No |
| 24716 RAVENNA AVE | 15 | 5 | 0.2 | 0 | No | No |
| 24717 MARBELLA AVE | 38 | 0 | 0.09 | 0 | No | No |
| 24718 NEPTUNE AVE | 65 | 18 | 0.19 | 0 | No | No |
| 24718 PANAMA AVE | 33 | 1 | 0.28 | 0 | No | No |
| 24719 NEPTUNE AVE | 33 | 0 | 0.09 | 0 | No | No |
| 24719 PANAMA AVE | 28 | 0 | 0.09 | 0 | No | No |
| 24719 RAVENNA AVE | 45 | 3 | 0.17 | 0 | No | No |
| 24722 MARBELLA AVE | 34 | 17 | 0.41 | 0 | No | No |
| 24722 NEPTUNE AVE | 40 | 9 | 0.31 | 0 | No | No |
| 24722 PANAMA AVE | 18 | 0 | 0.09 | 0 | No | No |
| 24722 RAVENNA AVE | 41 | 12 | 0.52 | 0 | No | No |
| 24723 MARBELLA AVE | 22 | 1 | 0.58 | 0 | No | No |
| 24723 RAVENNA AVE | 37 | 9 | 1.53 | 0 | No | No |
| 24725 NEPTUNE AVE | 35 | 1 | 0.09 | 0 | No | No |
| 24726 MARBELLA AVE | 49 | 0 | 0.09 | 0 | No | No |
| 24726 RAVENNA AVE | 37 | 6 | 0.19 | 0 | No | No |
| 24727 MARBELLA AVE | 40 | 39 | 0.69 | 0 | No | No |
| 24728 NEPTUNE AVE | 33 | 0 | 0.09 | 0 | No | No |
| 24728 PANAMA AVE | 31 | 16 | 2.12 | 0 | No | No |
| 24729 NEPTUNE AVE | 35 | 1 | 0.09 | 0 | No | No |
| 24729 PANAMA AVE | 34 | 8 | 0.15 | 0 | No | No |
| 24729 RAVENNA AVE | 16 | 0 | 0.09 | 0 | No | No |
| 24732 MARBELLA AVE | 37 | 0 | 0.09 | 0 | No | No |
| 24732 NEPTUNE AVE | 35 | 8 | 0.3 | 0 | No | No |
| 24732 PANAMA AVE | 33 | 5 | 1.16 | 0 | No | No |
| 24732 RAVENNA AVE | 42 | 1 | 0.15 | 0 | No | No |
| 24733 MARBELLA AVE | 32 | 27 | 0.44 | 0 | No | No |
| 24733 PANAMA AVE | 38 | 38 | 0.5 | 0 | No | No |
| 24733 RAVENNA AVE | 40 | 30 | 0.43 | 0 | No | No |
| 24735 NEPTUNE AVE | 36 | 0 | 0.09 | 0 | No | No |
| 24736 MARBELLA AVE | 52 | 1 | 0.5 | 0 | No | No |
| 24736 RAVENNA AVE | 43 | 11 | 0.39 | 0 | No | No |
| 24737 MARBELLA AVE | 28 | 1 | 0.86 | 0 | No | No |
| 24738 NEPTUNE AVE | 51 | 3 | 0.32 | 0 | No | No |
| 24738 PANAMA AVE | 32 | 8 | 0.57 | 0 | No | No |
| 24739 NEPTUNE AVE | 41 | 5 | 0.61 | 0 | No | No |
| 24739 PANAMA AVE | 43 | 35 | 0.57 | 0 | No | No |
| 24739 RAVENNA AVE | 42 | 10 | 0.55 | 0 | No | No |
| 24740 MARBELLA AVE | 64 | 0 | 0.09 | 0 | No | No |
| 24741 MARBELLA AVE | 12 | 1 | 0.14 | 0 | No | No |
| 24743 RAVENNA AVE | 42 | 35 | 0.44 | 0 | No | No |
| 24744 MARBELLA AVE | 25 | 1 | 0.14 | 0 | No | No |
| 24748 RAVENNA AVE | 24 | 0 | 0.09 | 0 | No | No |
| 24749 RAVENNA AVE | 43 | 3 | 0.34 | 0 | No | No |
| 24752 RAVENNA AVE | 45 | 3 | 0.39 | 0 | No | No |
| 24802 PANAMA AVE | 52 | 4 | 0.413 | 0 | No | No |
| 24803 NEPTUNE AVE | 32 | 3 | 0.39 | 0 | No | No |
| 24803 PANAMA AVE | 18 | 1 | 0.11 | 0 | No | No |
| 24809 NEPTUNE AVE | 27 | 7 | 9.02 | 1 | Yes | No |
| 24809 PANAMA AVE | 36 | 1 | 0.13 | 0 | No | No |
| 24812 PANAMA AVE | 29 | 3 | 0.28 | 0 | No | No |
| 24813 PANAMA AVE | 15 | 0 | 0.09 | 0 | No | No |

**Table 5-2.3**
**Summary of Background Analysis for Cadmium**
**Former Kast Property**
**Carson, CA**

| Location ID | Cadmium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (3.81 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24815 NEPTUNE AVE | 30 | 8 | 0.93 | 0 | No | No |
| 24818 PANAMA AVE | 34 | 0 | 0.09 | 0 | No | No |
| 24819 PANAMA AVE | 34 | 1 | 0.63 | 0 | No | No |
| 24822 PANAMA AVE | 43 | 2 | 0.31 | 0 | No | No |
| 24823 PANAMA AVE | 39 | 4 | 0.26 | 0 | No | No |
| 24825 NEPTUNE AVE | 98 | 58 | 0.82 | 0 | No | No |
| 24828 PANAMA AVE | 36 | 36 | 0.58 | 0 | No | No |
| 24829 PANAMA AVE | 48 | 0 | 0.09 | 0 | No | No |
| 24832 PANAMA AVE | 38 | 10 | 0.4 | 0 | No | No |
| 24833 PANAMA AVE | 43 | 1 | 0.34 | 0 | No | No |
| 24838 PANAMA AVE | 28 | 1 | 0.11 | 0 | No | No |
| 24904 NEPTUNE AVE | 74 | 0 | 0.09 | 0 | No | No |
| 24912 NEPTUNE AVE | 36 | 0 | 0.09 | 0 | No | No |
| 301 244TH ST | 29 | 1 | 0.15 | 0 | No | No |
| 305 244TH ST | 54 | 9 | 1.39 | 0 | No | No |
| 311 244TH ST | 71 | 44 | 3.76 | 0 | No | No |
| 317 244TH ST | 58 | 51 | 0.43 | 0 | No | No |
| 321 244TH ST | 40 | 25 | 1 | 0 | No | No |
| 327 244TH ST | 12 | 0 | 0.09 | 0 | No | No |
| 331 244TH ST | 28 | 16 | 1.12 | 0 | No | No |
| 337 244TH ST | 34 | 30 | 1.18 | 0 | No | No |
| 341 244TH ST | 48 | 0 | 0.09 | 0 | No | No |
| 344 249TH ST | 35 | 3 | 0.78 | 0 | No | No |
| 345 249TH ST | 93 | 61 | 1.93 | 0 | No | No |
| 347 244TH ST | 32 | 0 | 0.09 | 0 | No | No |
| 348 248TH ST | 49 | 6 | 0.18 | 0 | No | No |
| 348 249TH ST | 51 | 13 | 0.22 | 0 | No | No |
| 351 244TH ST | 32 | 4 | 0.4 | 0 | No | No |
| 352 249TH ST | 32 | 5 | 0.47 | 0 | No | No |
| 353 249TH ST | 32 | 0 | 0.09 | 0 | No | No |
| 354 248TH ST | 39 | 9 | 0.79 | 0 | No | No |
| 357 244TH ST | 40 | 0 | 0.09 | 0 | No | No |
| 357 249TH ST | 24 | 0 | 0.09 | 0 | No | No |
| 358 249TH ST | 43 | 3 | 0.2 | 0 | No | No |
| 360 248TH ST | 48 | 48 | 0.74 | 0 | No | No |
| 361 244TH ST | 23 | 0 | 0.09 | 0 | No | No |
| 362 249TH ST | 25 | 0 | 0.09 | 0 | No | No |
| 363 249TH ST | 27 | 13 | 2.89 | 0 | No | No |
| 364 248TH ST | 48 | 21 | 0.37 | 0 | No | No |
| 367 244TH ST | 13 | 0 | 0.09 | 0 | No | No |
| 367 249TH ST | 46 | 19 | 0.32 | 0 | No | No |
| 368 249TH ST | 55 | 8 | 0.33 | 0 | No | No |
| 373 249TH ST | 42 | 15 | 0.56 | 0 | No | No |
| 374 248TH ST | 120 | 21 | 1.88 | 0 | No | No |
| 374 249TH ST | 27 | 6 | 0.33 | 0 | No | No |
| 377 244TH ST | 32 | 10 | 0.47 | 0 | No | No |
| 377 249TH ST | 33 | 0 | 0.09 | 0 | No | No |
| 378 249TH ST | 41 | 8 | 0.27 | 0 | No | No |
| 383 249TH ST | 32 | 0 | 0.09 | 0 | No | No |
| 402 249TH ST | 32 | 10 | 0.53 | 0 | No | No |
| 408 249TH ST | 24 | 8 | 1.34 | 0 | No | No |
| 412 249TH ST | 77 | 28 | 0.29 | 0 | No | No |
| 24703 PANAMA AVE | 62 | 4 | 0.435 | 0 | No | No |
| 24808 PANAMA AVE | 20 | 3 | 0.371 | 0 | No | No |

**Table 5-2.4**
**Summary of Background Analysis for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Cobalt (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (10.91 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24401 MARBELLA AVE | 33 | 33 | 16 | 15 | Yes | **Yes** |
| 24402 NEPTUNE AVE | 48 | 48 | 14 | 8 | Yes | **Yes** |
| 24402 PANAMA AVE | 127 | 127 | 16.5 | 71 | Yes | **Yes** |
| 24402 RAVENNA AVE | 40 | 40 | 18.4 | 13 | Yes | **Yes** |
| 24403 NEPTUNE AVE | 46 | 46 | 19 | 12 | Yes | **Yes** |
| 24403 RAVENNA AVE | 62 | 62 | 17.3 | 13 | Yes | **Yes** |
| 24405 MARBELLA AVE | 25 | 25 | 16.5 | 12 | Yes | **Yes** |
| 24406 MARBELLA AVE | 40 | 40 | 15 | 14 | Yes | **Yes** |
| 24406 NEPTUNE AVE | 28 | 28 | 14.1 | 6 | Yes | **Yes** |
| 24406 PANAMA AVE | 23 | 23 | 15.8 | 7 | Yes | **Yes** |
| 24406 RAVENNA AVE | 26 | 26 | 12 | 3 | Yes | No |
| 24409 NEPTUNE AVE | 24 | 24 | 10.8 | 0 | No | No |
| 24409 RAVENNA AVE | 33 | 33 | 12.6 | 6 | Yes | **Yes** |
| 24410 PANAMA AVE | 33 | 33 | 16.5 | 6 | Yes | **Yes** |
| 24411 MARBELLA AVE | 69 | 69 | 15.1 | 35 | Yes | **Yes** |
| 24411 PANAMA AVE | 37 | 37 | 14.8 | 13 | Yes | **Yes** |
| 24412 MARBELLA AVE | 31 | 31 | 31.3 | 17 | Yes | **Yes** |
| 24412 RAVENNA AVE | 61 | 61 | 13.9 | 16 | Yes | **Yes** |
| 24413 NEPTUNE AVE | 24 | 24 | 11.7 | 1 | Yes | No |
| 24413 RAVENNA AVE | 28 | 28 | 13.5 | 4 | Yes | **Yes** |
| 24416 MARBELLA AVE | 50 | 50 | 21.5 | 16 | Yes | **Yes** |
| 24416 NEPTUNE AVE | 21 | 21 | 10.8 | 0 | No | No |
| 24416 PANAMA AVE | 33 | 33 | 12.2 | 7 | Yes | **Yes** |
| 24416 RAVENNA AVE | 42 | 42 | 13.5 | 4 | Yes | No |
| 24417 MARBELLA AVE | 8 | 8 | 13.9 | 5 | Yes | **Yes** |
| 24417 PANAMA AVE | 47 | 47 | 13.6 | 9 | Yes | **Yes** |
| 24419 NEPTUNE AVE | 32 | 32 | 11.2 | 2 | Yes | No |
| 24419 RAVENNA AVE | 32 | 32 | 14.4 | 3 | Yes | No |
| 24420 PANAMA AVE | 33 | 33 | 11.5 | 1 | Yes | No |
| 24421 PANAMA AVE | 30 | 30 | 13.5 | 4 | Yes | No |
| 24422 MARBELLA AVE | 43 | 43 | 14.1 | 4 | Yes | No |
| 24422 NEPTUNE AVE | 36 | 36 | 11.4 | 3 | Yes | No |
| 24422 RAVENNA AVE | 29 | 29 | 11 | 1 | Yes | No |
| 24423 MARBELLA AVE | 13 | 13 | 14.7 | 6 | Yes | **Yes** |
| 24423 NEPTUNE AVE | 37 | 37 | 12.8 | 3 | Yes | No |
| 24423 RAVENNA AVE | 40 | 40 | 13.5 | 5 | Yes | **Yes** |
| 24426 MARBELLA AVE | 24 | 24 | 12.4 | 2 | Yes | No |
| 24426 NEPTUNE AVE | 30 | 30 | 12.2 | 5 | Yes | **Yes** |
| 24426 PANAMA AVE | 30 | 30 | 14.2 | 8 | Yes | **Yes** |
| 24426 RAVENNA AVE | 49 | 49 | 15.3 | 9 | Yes | **Yes** |
| 24427 MARBELLA AVE | 25 | 25 | 15.5 | 19 | Yes | **Yes** |
| 24427 PANAMA AVE | 38 | 38 | 13.8 | 6 | Yes | **Yes** |
| 24429 NEPTUNE AVE | 19 | 19 | 11.3 | 1 | Yes | No |
| 24429 RAVENNA AVE | 29 | 29 | 11.5 | 2 | Yes | No |
| 24430 PANAMA AVE | 30 | 30 | 12.1 | 2 | Yes | No |
| 24431 PANAMA AVE | 35 | 35 | 12.7 | 8 | Yes | **Yes** |
| 24432 MARBELLA AVE | 67 | 67 | 13.6 | 6 | Yes | No |
| 24433 MARBELLA AVE | 27 | 27 | 16.5 | 18 | Yes | **Yes** |
| 24436 PANAMA AVE | 35 | 35 | 11.7 | 1 | Yes | No |
| 24502 MARBELLA AVE | 51 | 51 | 13 | 11 | Yes | **Yes** |
| 24502 NEPTUNE AVE | 58 | 58 | 11.7 | 2 | Yes | No |
| 24502 PANAMA AVE | 48 | 48 | 12.7 | 1 | Yes | No |
| 24502 RAVENNA AVE | 44 | 44 | 12.3 | 1 | Yes | No |
| 24503 MARBELLA AVE | 29 | 29 | 24.9 | 20 | Yes | **Yes** |

**Table 5-2.4**
**Summary of Background Analysis for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Cobalt (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (10.91 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24503 NEPTUNE AVE | 60 | 60 | 14.5 | 4 | Yes | No |
| 24503 PANAMA AVE | 28 | 28 | 11.9 | 3 | Yes | No |
| 24503 RAVENNA AVE | 34 | 34 | 13.5 | 2 | Yes | No |
| 24506 MARBELLA AVE | 36 | 36 | 17.1 | 6 | Yes | **Yes** |
| 24507 MARBELLA AVE | 36 | 36 | 17.5 | 33 | Yes | **Yes** |
| 24508 NEPTUNE AVE | 40 | 40 | 11.5 | 2 | Yes | No |
| 24508 PANAMA AVE | 24 | 24 | 12 | 3 | Yes | No |
| 24508 RAVENNA AVE | 39 | 39 | 11.7 | 7 | Yes | **Yes** |
| 24509 NEPTUNE AVE | 31 | 31 | 11.3 | 1 | Yes | No |
| 24509 PANAMA AVE | 47 | 47 | 11.7 | 1 | Yes | No |
| 24509 RAVENNA AVE | 37 | 37 | 11.6 | 2 | Yes | No |
| 24512 MARBELLA AVE | 48 | 48 | 16.9 | 17 | Yes | **Yes** |
| 24512 NEPTUNE AVE | 36 | 36 | 15.2 | 4 | Yes | No |
| 24512 PANAMA AVE | 28 | 28 | 10.9 | 0 | No | No |
| 24512 RAVENNA AVE | 56 | 56 | 12.2 | 1 | Yes | No |
| 24513 NEPTUNE AVE | 37 | 37 | 16.4 | 2 | Yes | No |
| 24513 PANAMA AVE | 51 | 51 | 10.3 | 0 | No | No |
| 24513 RAVENNA AVE | 30 | 30 | 12.6 | 4 | Yes | No |
| 24516 MARBELLA AVE | 30 | 30 | 11.6 | 1 | Yes | No |
| 24517 MARBELLA AVE | 12 | 12 | 18.4 | 8 | Yes | **Yes** |
| 24518 NEPTUNE AVE | 45 | 45 | 16.3 | 6 | Yes | **Yes** |
| 24518 PANAMA AVE | 42 | 42 | 11.2 | 1 | Yes | No |
| 24518 RAVENNA AVE | 30 | 30 | 10.7 | 0 | No | No |
| 24519 NEPTUNE AVE | 35 | 35 | 11.3 | 3 | Yes | No |
| 24519 PANAMA AVE | 30 | 30 | 11.9 | 1 | Yes | No |
| 24522 MARBELLA AVE | 27 | 27 | 18.6 | 17 | Yes | **Yes** |
| 24522 NEPTUNE AVE | 28 | 28 | 11.3 | 5 | Yes | **Yes** |
| 24522 PANAMA AVE | 36 | 36 | 10.6 | 0 | No | No |
| 24522 RAVENNA AVE | 35 | 35 | 14 | 2 | Yes | No |
| 24523 MARBELLA AVE | 45 | 45 | 15.7 | 22 | Yes | **Yes** |
| 24523 NEPTUNE AVE | 37 | 37 | 13.6 | 5 | Yes | **Yes** |
| 24523 RAVENNA AVE | 17 | 17 | 10.7 | 0 | No | No |
| 24526 MARBELLA AVE | 36 | 36 | 16 | 17 | Yes | **Yes** |
| 24528 NEPTUNE AVE | 31 | 31 | 17.6 | 1 | Yes | No |
| 24528 PANAMA AVE | 39 | 39 | 15.7 | 1 | Yes | No |
| 24529 NEPTUNE AVE | 32 | 32 | 16.2 | 3 | Yes | No |
| 24529 PANAMA AVE | 24 | 24 | 9.54 | 0 | No | No |
| 24529 RAVENNA AVE | 26 | 26 | 11.2 | 1 | Yes | No |
| 24532 MARBELLA AVE | 27 | 27 | 18.3 | 13 | Yes | **Yes** |
| 24532 NEPTUNE AVE | 21 | 21 | 14.9 | 3 | Yes | No |
| 24532 PANAMA AVE | 23 | 23 | 7.63 | 0 | No | No |
| 24532 RAVENNA AVE | 29 | 29 | 11.5 | 1 | Yes | No |
| 24533 MARBELLA AVE | 25 | 25 | 16.4 | 10 | Yes | **Yes** |
| 24533 PANAMA AVE | 29 | 29 | 10.3 | 0 | No | No |
| 24533 RAVENNA AVE | 52 | 52 | 11.8 | 1 | Yes | No |
| 24602 MARBELLA AVE | 34 | 34 | 16.4 | 9 | Yes | **Yes** |
| 24602 NEPTUNE AVE | 33 | 33 | 11.9 | 2 | Yes | No |
| 24602 PANAMA AVE | 40 | 40 | 8.81 | 0 | No | No |
| 24602 RAVENNA AVE | 28 | 28 | 11.8 | 2 | Yes | No |
| 24603 MARBELLA AVE | 26 | 26 | 15.7 | 15 | Yes | **Yes** |
| 24603 NEPTUNE AVE | 49 | 49 | 12.6 | 2 | Yes | No |
| 24603 PANAMA AVE | 30 | 30 | 12.8 | 1 | Yes | No |
| 24603 RAVENNA AVE | 31 | 31 | 13.3 | 1 | Yes | No |
| 24606 MARBELLA AVE | 63 | 63 | 14.7 | 18 | Yes | **Yes** |

**Table 5-2.4**
**Summary of Background Analysis for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Cobalt (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (10.91 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24607 MARBELLA AVE | 31 | 31 | 15.8 | 12 | Yes | **Yes** |
| 24608 NEPTUNE AVE | 37 | 37 | 9.76 | 0 | No | No |
| 24608 PANAMA AVE | 22 | 22 | 8.31 | 0 | No | No |
| 24608 RAVENNA AVE | 40 | 40 | 9.16 | 0 | No | No |
| 24609 NEPTUNE AVE | 30 | 30 | 15.6 | 2 | Yes | No |
| 24609 PANAMA AVE | 34 | 34 | 13 | 1 | Yes | No |
| 24609 RAVENNA AVE | 45 | 45 | 10.7 | 0 | No | No |
| 24612 MARBELLA AVE | 51 | 51 | 15.1 | 23 | Yes | **Yes** |
| 24612 NEPTUNE AVE | 47 | 47 | 9.86 | 0 | No | No |
| 24612 PANAMA AVE | 33 | 33 | 8.68 | 0 | No | No |
| 24612 RAVENNA AVE | 46 | 46 | 9.79 | 0 | No | No |
| 24613 MARBELLA AVE | 52 | 52 | 26 | 32 | Yes | **Yes** |
| 24613 NEPTUNE AVE | 39 | 39 | 12.1 | 1 | Yes | No |
| 24613 PANAMA AVE | 51 | 51 | 12.1 | 2 | Yes | No |
| 24613 RAVENNA AVE | 33 | 33 | 10.1 | 0 | No | No |
| 24616 MARBELLA AVE | 46 | 46 | 13.1 | 9 | Yes | **Yes** |
| 24617 MARBELLA AVE | 34 | 34 | 19.3 | 21 | Yes | **Yes** |
| 24618 NEPTUNE AVE | 26 | 26 | 8.22 | 0 | No | No |
| 24618 PANAMA AVE | 28 | 28 | 9.95 | 0 | No | No |
| 24618 RAVENNA AVE | 40 | 40 | 9.34 | 0 | No | No |
| 24619 NEPTUNE AVE | 28 | 28 | 11 | 1 | Yes | No |
| 24619 PANAMA AVE | 38 | 38 | 8.66 | 0 | No | No |
| 24619 RAVENNA AVE | 35 | 35 | 9.31 | 0 | No | No |
| 24622 MARBELLA AVE | 53 | 53 | 15.5 | 19 | Yes | **Yes** |
| 24622 NEPTUNE AVE | 34 | 34 | 13.2 | 3 | Yes | No |
| 24623 MARBELLA AVE | 32 | 32 | 18.6 | 21 | Yes | **Yes** |
| 24623 NEPTUNE AVE | 36 | 36 | 9.91 | 0 | No | No |
| 24627 MARBELLA AVE | 48 | 48 | 21 | 27 | Yes | **Yes** |
| 24628 MARBELLA AVE | 52 | 52 | 17.7 | 16 | Yes | **Yes** |
| 24628 NEPTUNE AVE | 18 | 18 | 9.22 | 0 | No | No |
| 24629 NEPTUNE AVE | 39 | 39 | 10.8 | 0 | No | No |
| 24632 NEPTUNE AVE | 20 | 20 | 11.8 | 1 | Yes | No |
| 24633 MARBELLA AVE | 40 | 40 | 24.6 | 20 | Yes | **Yes** |
| 24700 MARBELLA AVE | 46 | 46 | 12.6 | 6 | Yes | **Yes** |
| 24700 RAVENNA AVE | 56 | 56 | 13.5 | 1 | Yes | No |
| 24702 NEPTUNE AVE | 46 | 46 | 9.09 | 0 | No | No |
| 24702 PANAMA AVE | 30 | 30 | 11 | 1 | Yes | No |
| 24703 MARBELLA AVE | 36 | 36 | 18.8 | 12 | Yes | **Yes** |
| 24703 NEPTUNE AVE | 39 | 39 | 11.2 | 1 | Yes | No |
| 24703 RAVENNA AVE | 53 | 53 | 9.65 | 0 | No | No |
| 24706 MARBELLA AVE | 43 | 43 | 12.9 | 6 | Yes | **Yes** |
| 24706 RAVENNA AVE | 33 | 33 | 9.46 | 0 | No | No |
| 24707 MARBELLA AVE | 37 | 37 | 13.1 | 8 | Yes | **Yes** |
| 24708 PANAMA AVE | 37 | 37 | 12.8 | 1 | Yes | No |
| 24709 NEPTUNE AVE | 37 | 37 | 9.32 | 0 | No | No |
| 24709 PANAMA AVE | 43 | 43 | 9.42 | 0 | No | No |
| 24709 RAVENNA AVE | 52 | 52 | 9.7 | 0 | No | No |
| 24710 MARBELLA AVE | 43 | 43 | 14 | 11 | Yes | **Yes** |
| 24712 NEPTUNE AVE | 32 | 32 | 9.25 | 0 | No | No |
| 24712 PANAMA AVE | 27 | 27 | 13.6 | 1 | Yes | No |
| 24712 RAVENNA AVE | 45 | 45 | 9.29 | 0 | No | No |
| 24713 MARBELLA AVE | 37 | 37 | 14.3 | 10 | Yes | **Yes** |
| 24713 PANAMA AVE | 34 | 34 | 9.36 | 0 | No | No |
| 24713 RAVENNA AVE | 35 | 35 | 9.56 | 0 | No | No |

**Table 5-2.4**
**Summary of Background Analysis for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Cobalt (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (10.91 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24715 NEPTUNE AVE | 37 | 37 | 10.9 | 0 | No | No |
| 24716 MARBELLA AVE | 30 | 30 | 12 | 5 | Yes | **Yes** |
| 24716 RAVENNA AVE | 15 | 15 | 7.23 | 0 | No | No |
| 24717 MARBELLA AVE | 38 | 38 | 17 | 6 | Yes | **Yes** |
| 24718 NEPTUNE AVE | 65 | 65 | 11.3 | 1 | Yes | No |
| 24718 PANAMA AVE | 33 | 33 | 9.58 | 0 | No | No |
| 24719 NEPTUNE AVE | 33 | 33 | 12.1 | 2 | Yes | No |
| 24719 PANAMA AVE | 28 | 28 | 9.49 | 0 | No | No |
| 24719 RAVENNA AVE | 45 | 45 | 10.8 | 0 | No | No |
| 24722 MARBELLA AVE | 34 | 34 | 12.1 | 3 | Yes | No |
| 24722 NEPTUNE AVE | 40 | 40 | 11.1 | 1 | Yes | No |
| 24722 PANAMA AVE | 18 | 18 | 10.2 | 0 | No | No |
| 24722 RAVENNA AVE | 41 | 41 | 9.69 | 0 | No | No |
| 24723 MARBELLA AVE | 22 | 22 | 12.4 | 4 | Yes | **Yes** |
| 24723 RAVENNA AVE | 37 | 37 | 8.56 | 0 | No | No |
| 24725 NEPTUNE AVE | 35 | 35 | 9.02 | 0 | No | No |
| 24726 MARBELLA AVE | 49 | 49 | 12.9 | 12 | Yes | **Yes** |
| 24726 RAVENNA AVE | 37 | 37 | 11 | 1 | Yes | No |
| 24727 MARBELLA AVE | 40 | 40 | 13.7 | 2 | Yes | No |
| 24728 NEPTUNE AVE | 33 | 33 | 9.02 | 0 | No | No |
| 24728 PANAMA AVE | 31 | 31 | 14.7 | 1 | Yes | No |
| 24729 NEPTUNE AVE | 35 | 35 | 13.1 | 1 | Yes | No |
| 24729 PANAMA AVE | 34 | 34 | 9.76 | 0 | No | No |
| 24729 RAVENNA AVE | 16 | 16 | 8.81 | 0 | No | No |
| 24732 MARBELLA AVE | 37 | 37 | 12.4 | 3 | Yes | No |
| 24732 NEPTUNE AVE | 35 | 35 | 11.3 | 1 | Yes | No |
| 24732 PANAMA AVE | 33 | 33 | 9.13 | 0 | No | No |
| 24732 RAVENNA AVE | 42 | 42 | 8.83 | 0 | No | No |
| 24733 MARBELLA AVE | 32 | 32 | 12.3 | 5 | Yes | **Yes** |
| 24733 PANAMA AVE | 38 | 38 | 9.65 | 0 | No | No |
| 24733 RAVENNA AVE | 40 | 40 | 8.9 | 0 | No | No |
| 24735 NEPTUNE AVE | 36 | 36 | 10.6 | 0 | No | No |
| 24736 MARBELLA AVE | 52 | 52 | 13.9 | 6 | Yes | **Yes** |
| 24736 RAVENNA AVE | 43 | 43 | 8.3 | 0 | No | No |
| 24737 MARBELLA AVE | 28 | 28 | 12.6 | 3 | Yes | No |
| 24738 NEPTUNE AVE | 51 | 51 | 9.36 | 0 | No | No |
| 24738 PANAMA AVE | 32 | 32 | 9.16 | 0 | No | No |
| 24739 NEPTUNE AVE | 41 | 41 | 9.73 | 0 | No | No |
| 24739 PANAMA AVE | 43 | 43 | 9.69 | 0 | No | No |
| 24739 RAVENNA AVE | 42 | 42 | 7.92 | 0 | No | No |
| 24740 MARBELLA AVE | 64 | 64 | 12.9 | 3 | Yes | No |
| 24741 MARBELLA AVE | 12 | 12 | 10.2 | 0 | No | No |
| 24743 RAVENNA AVE | 42 | 42 | 8.27 | 0 | No | No |
| 24744 MARBELLA AVE | 25 | 25 | 15.7 | 2 | Yes | No |
| 24748 RAVENNA AVE | 24 | 24 | 8.09 | 0 | No | No |
| 24749 RAVENNA AVE | 43 | 43 | 12.9 | 1 | Yes | No |
| 24752 RAVENNA AVE | 45 | 45 | 10.2 | 0 | No | No |
| 24802 PANAMA AVE | 52 | 52 | 10.3 | 0 | No | No |
| 24803 NEPTUNE AVE | 32 | 32 | 9.98 | 0 | No | No |
| 24803 PANAMA AVE | 18 | 18 | 10.1 | 0 | No | No |
| 24809 NEPTUNE AVE | 27 | 27 | 8.33 | 0 | No | No |
| 24809 PANAMA AVE | 36 | 36 | 10.9 | 0 | No | No |
| 24812 PANAMA AVE | 29 | 29 | 8.6 | 0 | No | No |
| 24813 PANAMA AVE | 15 | 15 | 13.1 | 3 | Yes | **Yes** |

**Table 5-2.4**
**Summary of Background Analysis for Cobalt**
**Former Kast Property**
**Carson, CA**

| Location ID | Cobalt (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (10.91 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24815 NEPTUNE AVE | 30 | 30 | 10 | 0 | No | No |
| 24818 PANAMA AVE | 34 | 34 | 10.6 | 0 | No | No |
| 24819 PANAMA AVE | 34 | 34 | 10.7 | 0 | No | No |
| 24822 PANAMA AVE | 43 | 43 | 9.49 | 0 | No | No |
| 24823 PANAMA AVE | 39 | 39 | 10.3 | 0 | No | No |
| 24825 NEPTUNE AVE | 98 | 98 | 9.66 | 0 | No | No |
| 24828 PANAMA AVE | 36 | 36 | 9.49 | 0 | No | No |
| 24829 PANAMA AVE | 48 | 48 | 9.68 | 0 | No | No |
| 24832 PANAMA AVE | 38 | 38 | 14 | 2 | Yes | No |
| 24833 PANAMA AVE | 43 | 43 | 10.9 | 0 | No | No |
| 24838 PANAMA AVE | 28 | 28 | 9.97 | 0 | No | No |
| 24904 NEPTUNE AVE | 74 | 74 | 9.79 | 0 | No | No |
| 24912 NEPTUNE AVE | 36 | 36 | 8.89 | 0 | No | No |
| 301 244TH ST | 29 | 29 | 17.4 | 12 | Yes | **Yes** |
| 305 244TH ST | 54 | 54 | 21.2 | 23 | Yes | **Yes** |
| 311 244TH ST | 71 | 71 | 14.2 | 13 | Yes | **Yes** |
| 317 244TH ST | 58 | 58 | 14.6 | 23 | Yes | **Yes** |
| 321 244TH ST | 40 | 40 | 21 | 22 | Yes | **Yes** |
| 327 244TH ST | 12 | 12 | 12.7 | 5 | Yes | **Yes** |
| 331 244TH ST | 28 | 28 | 17.7 | 14 | Yes | **Yes** |
| 337 244TH ST | 34 | 34 | 13.6 | 10 | Yes | **Yes** |
| 341 244TH ST | 48 | 48 | 17.6 | 25 | Yes | **Yes** |
| 344 249TH ST | 35 | 35 | 11 | 1 | Yes | No |
| 345 249TH ST | 93 | 93 | 9.81 | 0 | No | No |
| 347 244TH ST | 32 | 32 | 14.6 | 14 | Yes | **Yes** |
| 348 248TH ST | 49 | 49 | 8.94 | 0 | No | No |
| 348 249TH ST | 51 | 51 | 10.7 | 0 | No | No |
| 351 244TH ST | 32 | 32 | 16 | 13 | Yes | **Yes** |
| 352 249TH ST | 32 | 32 | 9.7 | 0 | No | No |
| 353 249TH ST | 32 | 32 | 9.14 | 0 | No | No |
| 354 248TH ST | 39 | 39 | 7.96 | 0 | No | No |
| 357 244TH ST | 40 | 40 | 24.1 | 17 | Yes | **Yes** |
| 357 249TH ST | 24 | 24 | 9.05 | 0 | No | No |
| 358 249TH ST | 43 | 43 | 9.25 | 0 | No | No |
| 360 248TH ST | 48 | 48 | 13.9 | 1 | Yes | No |
| 361 244TH ST | 23 | 23 | 14.7 | 9 | Yes | **Yes** |
| 362 249TH ST | 25 | 25 | 10.9 | 0 | No | No |
| 363 249TH ST | 27 | 27 | 7.79 | 0 | No | No |
| 364 248TH ST | 48 | 48 | 8.27 | 0 | No | No |
| 367 244TH ST | 13 | 13 | 11.3 | 2 | Yes | No |
| 367 249TH ST | 46 | 46 | 8.52 | 0 | No | No |
| 368 249TH ST | 55 | 55 | 11.2 | 1 | Yes | No |
| 373 249TH ST | 42 | 42 | 8.26 | 0 | No | No |
| 374 248TH ST | 120 | 120 | 10.4 | 0 | No | No |
| 374 249TH ST | 27 | 27 | 9.2 | 0 | No | No |
| 377 244TH ST | 32 | 32 | 14.7 | 20 | Yes | **Yes** |
| 377 249TH ST | 33 | 33 | 7.51 | 0 | No | No |
| 378 249TH ST | 41 | 41 | 10 | 0 | No | No |
| 383 249TH ST | 32 | 32 | 7.48 | 0 | No | No |
| 402 249TH ST | 32 | 32 | 10.5 | 0 | No | No |
| 408 249TH ST | 24 | 24 | 8.97 | 0 | No | No |
| 412 249TH ST | 77 | 77 | 15.3 | 7 | Yes | No |
| 24703 PANAMA AVE | 62 | 62 | 11.8 | 1 | Yes | No |
| 24808 PANAMA AVE | 20 | 20 | 10.9 | 0 | No | No |

**Table 5-2.5**
**Summary of Background Analysis for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Copper (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (59 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24401 MARBELLA AVE | 33 | 33 | 41.5 | 0 | No | No |
| 24402 NEPTUNE AVE | 48 | 48 | 26.4 | 0 | No | No |
| 24402 PANAMA AVE | 127 | 127 | 47.9 | 0 | No | No |
| 24402 RAVENNA AVE | 40 | 40 | 34.5 | 0 | No | No |
| 24403 NEPTUNE AVE | 46 | 46 | 33.4 | 0 | No | No |
| 24403 RAVENNA AVE | 62 | 62 | 31.3 | 0 | No | No |
| 24405 MARBELLA AVE | 25 | 25 | 43.6 | 0 | No | No |
| 24406 MARBELLA AVE | 40 | 40 | 31.4 | 0 | No | No |
| 24406 NEPTUNE AVE | 28 | 28 | 25.4 | 0 | No | No |
| 24406 PANAMA AVE | 23 | 23 | 27.3 | 0 | No | No |
| 24406 RAVENNA AVE | 26 | 26 | 27.2 | 0 | No | No |
| 24409 NEPTUNE AVE | 24 | 24 | 37.3 | 0 | No | No |
| 24409 RAVENNA AVE | 33 | 33 | 27.5 | 0 | No | No |
| 24410 PANAMA AVE | 33 | 33 | 36.4 | 0 | No | No |
| 24411 MARBELLA AVE | 69 | 69 | 38 | 0 | No | No |
| 24411 PANAMA AVE | 37 | 37 | 92.6 | 2 | Yes | No |
| 24412 MARBELLA AVE | 31 | 31 | 1190 | 4 | Yes | No |
| 24412 RAVENNA AVE | 61 | 61 | 23.5 | 0 | No | No |
| 24413 NEPTUNE AVE | 24 | 24 | 40.8 | 0 | No | No |
| 24413 RAVENNA AVE | 28 | 28 | 53.4 | 0 | No | No |
| 24416 MARBELLA AVE | 50 | 50 | 36.4 | 0 | No | No |
| 24416 NEPTUNE AVE | 21 | 21 | 18.7 | 0 | No | No |
| 24416 PANAMA AVE | 33 | 33 | 20 | 0 | No | No |
| 24416 RAVENNA AVE | 42 | 42 | 42.3 | 0 | No | No |
| 24417 MARBELLA AVE | 8 | 8 | 27.4 | 0 | No | No |
| 24417 PANAMA AVE | 47 | 47 | 27.1 | 0 | No | No |
| 24419 NEPTUNE AVE | 32 | 32 | 40.2 | 0 | No | No |
| 24419 RAVENNA AVE | 32 | 32 | 20.3 | 0 | No | No |
| 24420 PANAMA AVE | 33 | 33 | 19.9 | 0 | No | No |
| 24421 PANAMA AVE | 30 | 30 | 24.7 | 0 | No | No |
| 24422 MARBELLA AVE | 43 | 43 | 54.7 | 0 | No | No |
| 24422 NEPTUNE AVE | 36 | 36 | 33.1 | 0 | No | No |
| 24422 RAVENNA AVE | 29 | 29 | 29.4 | 0 | No | No |
| 24423 MARBELLA AVE | 13 | 13 | 56.5 | 0 | No | No |
| 24423 NEPTUNE AVE | 37 | 37 | 23.1 | 0 | No | No |
| 24423 RAVENNA AVE | 40 | 40 | 20.3 | 0 | No | No |
| 24426 MARBELLA AVE | 24 | 24 | 44.2 | 0 | No | No |
| 24426 NEPTUNE AVE | 30 | 30 | 24.6 | 0 | No | No |
| 24426 PANAMA AVE | 30 | 30 | 23 | 0 | No | No |
| 24426 RAVENNA AVE | 49 | 49 | 23.9 | 0 | No | No |
| 24427 MARBELLA AVE | 25 | 25 | 31.1 | 0 | No | No |
| 24427 PANAMA AVE | 38 | 38 | 60.1 | 1 | Yes | No |
| 24429 NEPTUNE AVE | 19 | 19 | 20.1 | 0 | No | No |
| 24429 RAVENNA AVE | 29 | 29 | 24.9 | 0 | No | No |
| 24430 PANAMA AVE | 30 | 30 | 43.3 | 0 | No | No |
| 24431 PANAMA AVE | 35 | 35 | 31 | 0 | No | No |
| 24432 MARBELLA AVE | 67 | 67 | 35 | 0 | No | No |
| 24433 MARBELLA AVE | 27 | 27 | 35.2 | 0 | No | No |
| 24436 PANAMA AVE | 35 | 35 | 12.8 | 0 | No | No |
| 24502 MARBELLA AVE | 51 | 51 | 32 | 0 | No | No |
| 24502 NEPTUNE AVE | 58 | 58 | 36 | 0 | No | No |
| 24502 PANAMA AVE | 48 | 48 | 16.9 | 0 | No | No |
| 24502 RAVENNA AVE | 44 | 44 | 19 | 0 | No | No |
| 24503 MARBELLA AVE | 29 | 29 | 46 | 0 | No | No |

**Table 5-2.5**
**Summary of Background Analysis for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Copper (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (59 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24503 NEPTUNE AVE | 60 | 60 | 24.3 | 0 | No | No |
| 24503 PANAMA AVE | 28 | 28 | 21.2 | 0 | No | No |
| 24503 RAVENNA AVE | 34 | 34 | 36.2 | 0 | No | No |
| 24506 MARBELLA AVE | 36 | 36 | 36.4 | 0 | No | No |
| 24507 MARBELLA AVE | 36 | 36 | 37.3 | 0 | No | No |
| 24508 NEPTUNE AVE | 40 | 40 | 20.8 | 0 | No | No |
| 24508 PANAMA AVE | 24 | 24 | 15.4 | 0 | No | No |
| 24508 RAVENNA AVE | 39 | 39 | 23.5 | 0 | No | No |
| 24509 NEPTUNE AVE | 31 | 31 | 21.8 | 0 | No | No |
| 24509 PANAMA AVE | 47 | 47 | 33.3 | 0 | No | No |
| 24509 RAVENNA AVE | 37 | 37 | 39.2 | 0 | No | No |
| 24512 MARBELLA AVE | 48 | 48 | 36.5 | 0 | No | No |
| 24512 NEPTUNE AVE | 36 | 36 | 28.5 | 0 | No | No |
| 24512 PANAMA AVE | 28 | 28 | 13 | 0 | No | No |
| 24512 RAVENNA AVE | 56 | 56 | 29.1 | 0 | No | No |
| 24513 NEPTUNE AVE | 37 | 37 | 29.4 | 0 | No | No |
| 24513 PANAMA AVE | 51 | 51 | 24.6 | 0 | No | No |
| 24513 RAVENNA AVE | 30 | 30 | 22.6 | 0 | No | No |
| 24516 MARBELLA AVE | 30 | 30 | 28 | 0 | No | No |
| 24517 MARBELLA AVE | 12 | 12 | 29.6 | 0 | No | No |
| 24518 NEPTUNE AVE | 45 | 45 | 22.3 | 0 | No | No |
| 24518 PANAMA AVE | 42 | 42 | 27.1 | 0 | No | No |
| 24518 RAVENNA AVE | 30 | 30 | 21.4 | 0 | No | No |
| 24519 NEPTUNE AVE | 35 | 35 | 22.3 | 0 | No | No |
| 24519 PANAMA AVE | 30 | 30 | 18.7 | 0 | No | No |
| 24522 MARBELLA AVE | 27 | 27 | 35.7 | 0 | No | No |
| 24522 NEPTUNE AVE | 28 | 28 | 22.8 | 0 | No | No |
| 24522 PANAMA AVE | 36 | 36 | 19.9 | 0 | No | No |
| 24522 RAVENNA AVE | 35 | 35 | 23.4 | 0 | No | No |
| 24523 MARBELLA AVE | 45 | 45 | 31.6 | 0 | No | No |
| 24523 NEPTUNE AVE | 37 | 37 | 27.4 | 0 | No | No |
| 24523 RAVENNA AVE | 17 | 17 | 18 | 0 | No | No |
| 24526 MARBELLA AVE | 36 | 36 | 37.8 | 0 | No | No |
| 24528 NEPTUNE AVE | 31 | 31 | 21.2 | 0 | No | No |
| 24528 PANAMA AVE | 39 | 39 | 28.2 | 0 | No | No |
| 24529 NEPTUNE AVE | 32 | 32 | 37.3 | 0 | No | No |
| 24529 PANAMA AVE | 24 | 24 | 13.2 | 0 | No | No |
| 24529 RAVENNA AVE | 26 | 26 | 41.6 | 0 | No | No |
| 24532 MARBELLA AVE | 27 | 27 | 36.1 | 0 | No | No |
| 24532 NEPTUNE AVE | 21 | 21 | 80.8 | 1 | Yes | No |
| 24532 PANAMA AVE | 23 | 23 | 26.6 | 0 | No | No |
| 24532 RAVENNA AVE | 29 | 29 | 12.1 | 0 | No | No |
| 24533 MARBELLA AVE | 25 | 25 | 170 | 1 | Yes | No |
| 24533 PANAMA AVE | 29 | 29 | 16.7 | 0 | No | No |
| 24533 RAVENNA AVE | 52 | 52 | 17.5 | 0 | No | No |
| 24602 MARBELLA AVE | 34 | 34 | 31.5 | 0 | No | No |
| 24602 NEPTUNE AVE | 33 | 33 | 12.5 | 0 | No | No |
| 24602 PANAMA AVE | 40 | 40 | 17.5 | 0 | No | No |
| 24602 RAVENNA AVE | 28 | 28 | 16.3 | 0 | No | No |
| 24603 MARBELLA AVE | 26 | 26 | 30.5 | 0 | No | No |
| 24603 NEPTUNE AVE | 49 | 49 | 26.3 | 0 | No | No |
| 24603 PANAMA AVE | 30 | 30 | 14.5 | 0 | No | No |
| 24603 RAVENNA AVE | 31 | 31 | 19.4 | 0 | No | No |
| 24606 MARBELLA AVE | 63 | 63 | 30.2 | 0 | No | No |

**Table 5-2.5**
**Summary of Background Analysis for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Copper (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (59 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24607 MARBELLA AVE | 31 | 31 | 37.1 | 0 | No | No |
| 24608 NEPTUNE AVE | 37 | 37 | 46.5 | 0 | No | No |
| 24608 PANAMA AVE | 22 | 22 | 26 | 0 | No | No |
| 24608 RAVENNA AVE | 40 | 40 | 29.8 | 0 | No | No |
| 24609 NEPTUNE AVE | 30 | 30 | 22.4 | 0 | No | No |
| 24609 PANAMA AVE | 34 | 34 | 21.8 | 0 | No | No |
| 24609 RAVENNA AVE | 45 | 45 | 21.2 | 0 | No | No |
| 24612 MARBELLA AVE | 51 | 51 | 54.3 | 0 | No | No |
| 24612 NEPTUNE AVE | 47 | 47 | 105 | 1 | Yes | No |
| 24612 PANAMA AVE | 33 | 33 | 17.8 | 0 | No | No |
| 24612 RAVENNA AVE | 46 | 46 | 64.3 | 1 | Yes | No |
| 24613 MARBELLA AVE | 52 | 52 | 35.9 | 0 | No | No |
| 24613 NEPTUNE AVE | 39 | 39 | 21 | 0 | No | No |
| 24613 PANAMA AVE | 51 | 51 | 23.2 | 0 | No | No |
| 24613 RAVENNA AVE | 33 | 33 | 13.1 | 0 | No | No |
| 24616 MARBELLA AVE | 46 | 46 | 27.8 | 0 | No | No |
| 24617 MARBELLA AVE | 34 | 34 | 47.4 | 0 | No | No |
| 24618 NEPTUNE AVE | 26 | 26 | 18.5 | 0 | No | No |
| 24618 PANAMA AVE | 28 | 28 | 18.6 | 0 | No | No |
| 24618 RAVENNA AVE | 40 | 40 | 17.8 | 0 | No | No |
| 24619 NEPTUNE AVE | 28 | 28 | 23 | 0 | No | No |
| 24619 PANAMA AVE | 38 | 38 | 16.3 | 0 | No | No |
| 24619 RAVENNA AVE | 35 | 35 | 14.4 | 0 | No | No |
| 24622 MARBELLA AVE | 53 | 53 | 38.4 | 0 | No | No |
| 24622 NEPTUNE AVE | 34 | 34 | 19 | 0 | No | No |
| 24623 MARBELLA AVE | 32 | 32 | 48.1 | 0 | No | No |
| 24623 NEPTUNE AVE | 36 | 36 | 30.7 | 0 | No | No |
| 24627 MARBELLA AVE | 48 | 48 | 33.6 | 0 | No | No |
| 24628 MARBELLA AVE | 52 | 52 | 39.3 | 0 | No | No |
| 24628 NEPTUNE AVE | 18 | 18 | 14.7 | 0 | No | No |
| 24629 NEPTUNE AVE | 39 | 39 | 26.6 | 0 | No | No |
| 24632 NEPTUNE AVE | 20 | 20 | 20.6 | 0 | No | No |
| 24633 MARBELLA AVE | 40 | 40 | 37.5 | 0 | No | No |
| 24700 MARBELLA AVE | 46 | 46 | 36.8 | 0 | No | No |
| 24700 RAVENNA AVE | 56 | 56 | 16.5 | 0 | No | No |
| 24702 NEPTUNE AVE | 46 | 46 | 15.9 | 0 | No | No |
| 24702 PANAMA AVE | 30 | 30 | 51.7 | 0 | No | No |
| 24703 MARBELLA AVE | 36 | 36 | 74.2 | 1 | Yes | No |
| 24703 NEPTUNE AVE | 39 | 39 | 20.9 | 0 | No | No |
| 24703 RAVENNA AVE | 53 | 53 | 34.4 | 0 | No | No |
| 24706 MARBELLA AVE | 43 | 43 | 23.8 | 0 | No | No |
| 24706 RAVENNA AVE | 33 | 33 | 18.8 | 0 | No | No |
| 24707 MARBELLA AVE | 37 | 37 | 26 | 0 | No | No |
| 24708 PANAMA AVE | 37 | 37 | 25.8 | 0 | No | No |
| 24709 NEPTUNE AVE | 37 | 37 | 21.5 | 0 | No | No |
| 24709 PANAMA AVE | 43 | 43 | 17.9 | 0 | No | No |
| 24709 RAVENNA AVE | 52 | 52 | 19.1 | 0 | No | No |
| 24710 MARBELLA AVE | 43 | 43 | 36.8 | 0 | No | No |
| 24712 NEPTUNE AVE | 32 | 32 | 16.4 | 0 | No | No |
| 24712 PANAMA AVE | 27 | 27 | 16.7 | 0 | No | No |
| 24712 RAVENNA AVE | 45 | 45 | 26.8 | 0 | No | No |
| 24713 MARBELLA AVE | 37 | 37 | 26.7 | 0 | No | No |
| 24713 PANAMA AVE | 34 | 34 | 24.9 | 0 | No | No |
| 24713 RAVENNA AVE | 35 | 35 | 18 | 0 | No | No |

**Table 5-2.5**
**Summary of Background Analysis for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Copper (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (59 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24715 NEPTUNE AVE | 37 | 37 | 20.1 | 0 | No | No |
| 24716 MARBELLA AVE | 30 | 30 | 25 | 0 | No | No |
| 24716 RAVENNA AVE | 15 | 15 | 16.3 | 0 | No | No |
| 24717 MARBELLA AVE | 38 | 38 | 25.2 | 0 | No | No |
| 24718 NEPTUNE AVE | 65 | 65 | 16.3 | 0 | No | No |
| 24718 PANAMA AVE | 33 | 33 | 26.3 | 0 | No | No |
| 24719 NEPTUNE AVE | 33 | 33 | 36.5 | 0 | No | No |
| 24719 PANAMA AVE | 28 | 28 | 22.7 | 0 | No | No |
| 24719 RAVENNA AVE | 45 | 45 | 33.3 | 0 | No | No |
| 24722 MARBELLA AVE | 34 | 34 | 25 | 0 | No | No |
| 24722 NEPTUNE AVE | 40 | 40 | 14.4 | 0 | No | No |
| 24722 PANAMA AVE | 18 | 18 | 14.2 | 0 | No | No |
| 24722 RAVENNA AVE | 41 | 41 | 19.7 | 0 | No | No |
| 24723 MARBELLA AVE | 22 | 22 | 28.2 | 0 | No | No |
| 24723 RAVENNA AVE | 37 | 37 | 32.5 | 0 | No | No |
| 24725 NEPTUNE AVE | 35 | 35 | 22.1 | 0 | No | No |
| 24726 MARBELLA AVE | 49 | 49 | 27.8 | 0 | No | No |
| 24726 RAVENNA AVE | 37 | 37 | 17.6 | 0 | No | No |
| 24727 MARBELLA AVE | 40 | 40 | 27.8 | 0 | No | No |
| 24728 NEPTUNE AVE | 33 | 33 | 22.2 | 0 | No | No |
| 24728 PANAMA AVE | 31 | 31 | 41 | 0 | No | No |
| 24729 NEPTUNE AVE | 35 | 35 | 21.4 | 0 | No | No |
| 24729 PANAMA AVE | 34 | 34 | 14.7 | 0 | No | No |
| 24729 RAVENNA AVE | 16 | 16 | 23.5 | 0 | No | No |
| 24732 MARBELLA AVE | 37 | 37 | 24.9 | 0 | No | No |
| 24732 NEPTUNE AVE | 35 | 35 | 22.3 | 0 | No | No |
| 24732 PANAMA AVE | 33 | 33 | 29.9 | 0 | No | No |
| 24732 RAVENNA AVE | 42 | 42 | 17.4 | 0 | No | No |
| 24733 MARBELLA AVE | 32 | 32 | 27.2 | 0 | No | No |
| 24733 PANAMA AVE | 38 | 38 | 31.4 | 0 | No | No |
| 24733 RAVENNA AVE | 40 | 40 | 13.2 | 0 | No | No |
| 24735 NEPTUNE AVE | 36 | 36 | 125 | 1 | Yes | No |
| 24736 MARBELLA AVE | 52 | 52 | 21.8 | 0 | No | No |
| 24736 RAVENNA AVE | 43 | 43 | 18.3 | 0 | No | No |
| 24737 MARBELLA AVE | 28 | 28 | 21.6 | 0 | No | No |
| 24738 NEPTUNE AVE | 51 | 51 | 13.9 | 0 | No | No |
| 24738 PANAMA AVE | 32 | 32 | 22 | 0 | No | No |
| 24739 NEPTUNE AVE | 41 | 41 | 18.9 | 0 | No | No |
| 24739 PANAMA AVE | 43 | 43 | 14.2 | 0 | No | No |
| 24739 RAVENNA AVE | 42 | 42 | 18.2 | 0 | No | No |
| 24740 MARBELLA AVE | 64 | 64 | 21.6 | 0 | No | No |
| 24741 MARBELLA AVE | 12 | 12 | 17.3 | 0 | No | No |
| 24743 RAVENNA AVE | 42 | 42 | 13.1 | 0 | No | No |
| 24744 MARBELLA AVE | 25 | 25 | 22.5 | 0 | No | No |
| 24748 RAVENNA AVE | 24 | 24 | 13.5 | 0 | No | No |
| 24749 RAVENNA AVE | 43 | 43 | 28.2 | 0 | No | No |
| 24752 RAVENNA AVE | 45 | 45 | 19.7 | 0 | No | No |
| 24802 PANAMA AVE | 52 | 52 | 21.2 | 0 | No | No |
| 24803 NEPTUNE AVE | 32 | 32 | 15.3 | 0 | No | No |
| 24803 PANAMA AVE | 18 | 18 | 10.1 | 0 | No | No |
| 24809 NEPTUNE AVE | 27 | 27 | 10.4 | 0 | No | No |
| 24809 PANAMA AVE | 36 | 36 | 21.8 | 0 | No | No |
| 24812 PANAMA AVE | 29 | 29 | 13.8 | 0 | No | No |
| 24813 PANAMA AVE | 15 | 15 | 30.1 | 0 | No | No |

**Table 5-2.5**
**Summary of Background Analysis for Copper**
**Former Kast Property**
**Carson, CA**

| Location ID | Copper (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (59 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24815 NEPTUNE AVE | 30 | 30 | 23.1 | 0 | No | No |
| 24818 PANAMA AVE | 34 | 34 | 17.6 | 0 | No | No |
| 24819 PANAMA AVE | 34 | 34 | 51.7 | 0 | No | No |
| 24822 PANAMA AVE | 43 | 43 | 74.9 | 1 | Yes | No |
| 24823 PANAMA AVE | 39 | 39 | 15.7 | 0 | No | No |
| 24825 NEPTUNE AVE | 98 | 98 | 24.9 | 0 | No | No |
| 24828 PANAMA AVE | 36 | 36 | 17.5 | 0 | No | No |
| 24829 PANAMA AVE | 48 | 48 | 18.1 | 0 | No | No |
| 24832 PANAMA AVE | 38 | 38 | 19.7 | 0 | No | No |
| 24833 PANAMA AVE | 43 | 43 | 23.2 | 0 | No | No |
| 24838 PANAMA AVE | 28 | 28 | 18.6 | 0 | No | No |
| 24904 NEPTUNE AVE | 74 | 74 | 17.2 | 0 | No | No |
| 24912 NEPTUNE AVE | 36 | 36 | 18.2 | 0 | No | No |
| 301 244TH ST | 29 | 29 | 37.7 | 0 | No | No |
| 305 244TH ST | 54 | 54 | 78.3 | 1 | Yes | No |
| 311 244TH ST | 71 | 71 | 115 | 3 | Yes | No |
| 317 244TH ST | 58 | 58 | 35.4 | 0 | No | No |
| 321 244TH ST | 40 | 40 | 58.1 | 0 | No | No |
| 327 244TH ST | 12 | 12 | 27.9 | 0 | No | No |
| 331 244TH ST | 28 | 28 | 38.3 | 0 | No | No |
| 337 244TH ST | 34 | 34 | 37.7 | 0 | No | No |
| 341 244TH ST | 48 | 48 | 34.4 | 0 | No | No |
| 344 249TH ST | 35 | 35 | 22.4 | 0 | No | No |
| 345 249TH ST | 93 | 93 | 26.6 | 0 | No | No |
| 347 244TH ST | 32 | 32 | 35.2 | 0 | No | No |
| 348 248TH ST | 49 | 49 | 12.2 | 0 | No | No |
| 348 249TH ST | 51 | 51 | 31.7 | 0 | No | No |
| 351 244TH ST | 32 | 32 | 24.7 | 0 | No | No |
| 352 249TH ST | 32 | 32 | 17.8 | 0 | No | No |
| 353 249TH ST | 32 | 32 | 13.3 | 0 | No | No |
| 354 248TH ST | 39 | 39 | 27.4 | 0 | No | No |
| 357 244TH ST | 40 | 40 | 37.2 | 0 | No | No |
| 357 249TH ST | 24 | 24 | 12.6 | 0 | No | No |
| 358 249TH ST | 43 | 43 | 11.5 | 0 | No | No |
| 360 248TH ST | 48 | 48 | 17.8 | 0 | No | No |
| 361 244TH ST | 23 | 23 | 29.7 | 0 | No | No |
| 362 249TH ST | 25 | 25 | 14.7 | 0 | No | No |
| 363 249TH ST | 27 | 27 | 36.3 | 0 | No | No |
| 364 248TH ST | 48 | 48 | 158 | 3 | Yes | No |
| 367 244TH ST | 13 | 13 | 35.2 | 0 | No | No |
| 367 249TH ST | 46 | 46 | 12.8 | 0 | No | No |
| 368 249TH ST | 55 | 55 | 13.9 | 0 | No | No |
| 373 249TH ST | 42 | 42 | 23.3 | 0 | No | No |
| 374 248TH ST | 120 | 120 | 40.6 | 0 | No | No |
| 374 249TH ST | 27 | 27 | 14.1 | 0 | No | No |
| 377 244TH ST | 32 | 32 | 30.3 | 0 | No | No |
| 377 249TH ST | 33 | 33 | 17.9 | 0 | No | No |
| 378 249TH ST | 41 | 41 | 12.9 | 0 | No | No |
| 383 249TH ST | 32 | 32 | 20 | 0 | No | No |
| 402 249TH ST | 32 | 32 | 17.2 | 0 | No | No |
| 408 249TH ST | 24 | 24 | 45.9 | 0 | No | No |
| 412 249TH ST | 77 | 77 | 29.8 | 0 | No | No |
| 24703 PANAMA AVE | 62 | 62 | 20.3 | 0 | No | No |
| 24808 PANAMA AVE | 20 | 20 | 17.5 | 0 | No | No |

**Table 5-2.6**
**Summary of Background Analysis for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Lead (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (61.46 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24401 MARBELLA AVE | 33 | 33 | 87 | 1 | Yes | No |
| 24402 NEPTUNE AVE | 48 | 48 | 24.6 | 0 | No | No |
| 24402 PANAMA AVE | 127 | 127 | 50.1 | 0 | No | No |
| 24402 RAVENNA AVE | 40 | 40 | 38 | 0 | No | No |
| 24403 NEPTUNE AVE | 46 | 46 | 35 | 0 | No | No |
| 24403 RAVENNA AVE | 62 | 62 | 43.6 | 0 | No | No |
| 24405 MARBELLA AVE | 25 | 25 | 16 | 0 | No | No |
| 24406 MARBELLA AVE | 40 | 40 | 30.8 | 0 | No | No |
| 24406 NEPTUNE AVE | 28 | 28 | 62.7 | 1 | Yes | No |
| 24406 PANAMA AVE | 23 | 23 | 58.7 | 0 | No | No |
| 24406 RAVENNA AVE | 26 | 26 | 27.2 | 0 | No | No |
| 24409 NEPTUNE AVE | 24 | 24 | 72.5 | 2 | Yes | No |
| 24409 RAVENNA AVE | 33 | 33 | 177 | 1 | Yes | No |
| 24410 PANAMA AVE | 33 | 33 | 35.9 | 0 | No | No |
| 24411 MARBELLA AVE | 69 | 69 | 88.5 | 1 | Yes | No |
| 24411 PANAMA AVE | 37 | 37 | 81.9 | 2 | Yes | No |
| 24412 MARBELLA AVE | 31 | 31 | 87 | 2 | Yes | No |
| 24412 RAVENNA AVE | 61 | 61 | 39.5 | 0 | No | No |
| 24413 NEPTUNE AVE | 24 | 24 | 59.1 | 0 | No | No |
| 24413 RAVENNA AVE | 28 | 28 | 83.5 | 1 | Yes | No |
| 24416 MARBELLA AVE | 50 | 49 | 115 | 1 | Yes | No |
| 24416 NEPTUNE AVE | 21 | 21 | 100 | 1 | Yes | No |
| 24416 PANAMA AVE | 33 | 33 | 32.3 | 0 | No | No |
| 24416 RAVENNA AVE | 42 | 42 | 64.4 | 1 | Yes | No |
| 24417 MARBELLA AVE | 8 | 8 | 22.4 | 0 | No | No |
| 24417 PANAMA AVE | 47 | 47 | 32.4 | 0 | No | No |
| 24419 NEPTUNE AVE | 32 | 32 | 39.5 | 0 | No | No |
| 24419 RAVENNA AVE | 32 | 32 | 29.1 | 0 | No | No |
| 24420 PANAMA AVE | 33 | 33 | 89.5 | 1 | Yes | No |
| 24421 PANAMA AVE | 30 | 30 | 39.6 | 0 | No | No |
| 24422 MARBELLA AVE | 43 | 43 | 39.7 | 0 | No | No |
| 24422 NEPTUNE AVE | 36 | 36 | 51.4 | 0 | No | No |
| 24422 RAVENNA AVE | 29 | 29 | 20.2 | 0 | No | No |
| 24423 MARBELLA AVE | 13 | 13 | 63.5 | 1 | Yes | No |
| 24423 NEPTUNE AVE | 37 | 37 | 18.4 | 0 | No | No |
| 24423 RAVENNA AVE | 40 | 40 | 14.5 | 0 | No | No |
| 24426 MARBELLA AVE | 24 | 24 | 59.4 | 0 | No | No |
| 24426 NEPTUNE AVE | 30 | 30 | 20.8 | 0 | No | No |
| 24426 PANAMA AVE | 30 | 30 | 40.4 | 0 | No | No |
| 24426 RAVENNA AVE | 49 | 49 | 49.1 | 0 | No | No |
| 24427 MARBELLA AVE | 25 | 25 | 18.5 | 0 | No | No |
| 24427 PANAMA AVE | 38 | 38 | 81.8 | 1 | Yes | No |
| 24429 NEPTUNE AVE | 19 | 19 | 21.1 | 0 | No | No |
| 24429 RAVENNA AVE | 29 | 29 | 23.5 | 0 | No | No |
| 24430 PANAMA AVE | 30 | 30 | 66.8 | 1 | Yes | No |
| 24431 PANAMA AVE | 35 | 35 | 36.4 | 0 | No | No |
| 24432 MARBELLA AVE | 67 | 67 | 24.3 | 0 | No | No |
| 24433 MARBELLA AVE | 27 | 27 | 307 | 1 | Yes | No |
| 24436 PANAMA AVE | 35 | 35 | 17.5 | 0 | No | No |
| 24502 MARBELLA AVE | 51 | 51 | 1330 | 1 | Yes | No |
| 24502 NEPTUNE AVE | 58 | 58 | 29.8 | 0 | No | No |
| 24502 PANAMA AVE | 48 | 48 | 12.5 | 0 | No | No |
| 24502 RAVENNA AVE | 44 | 44 | 33 | 0 | No | No |
| 24503 MARBELLA AVE | 29 | 29 | 19 | 0 | No | No |

**Table 5-2.6**
**Summary of Background Analysis for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Lead (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (61.46 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24503 NEPTUNE AVE | 60 | 60 | 21.9 | 0 | No | No |
| 24503 PANAMA AVE | 28 | 28 | 32.5 | 0 | No | No |
| 24503 RAVENNA AVE | 34 | 34 | 14.1 | 0 | No | No |
| 24506 MARBELLA AVE | 36 | 36 | 60 | 0 | No | No |
| 24507 MARBELLA AVE | 36 | 36 | 21.3 | 0 | No | No |
| 24508 NEPTUNE AVE | 40 | 40 | 35.5 | 0 | No | No |
| 24508 PANAMA AVE | 24 | 21 | 12.9 | 0 | No | No |
| 24508 RAVENNA AVE | 39 | 39 | 52.8 | 0 | No | No |
| 24509 NEPTUNE AVE | 31 | 31 | 32.1 | 0 | No | No |
| 24509 PANAMA AVE | 47 | 47 | 48.4 | 0 | No | No |
| 24509 RAVENNA AVE | 37 | 37 | 73.4 | 1 | Yes | No |
| 24512 MARBELLA AVE | 48 | 48 | 31.8 | 0 | No | No |
| 24512 NEPTUNE AVE | 36 | 36 | 18.5 | 0 | No | No |
| 24512 PANAMA AVE | 28 | 23 | 15.1 | 0 | No | No |
| 24512 RAVENNA AVE | 56 | 56 | 53.6 | 0 | No | No |
| 24513 NEPTUNE AVE | 37 | 37 | 18.2 | 0 | No | No |
| 24513 PANAMA AVE | 51 | 51 | 20.5 | 0 | No | No |
| 24513 RAVENNA AVE | 30 | 30 | 26.7 | 0 | No | No |
| 24516 MARBELLA AVE | 30 | 30 | 17 | 0 | No | No |
| 24517 MARBELLA AVE | 12 | 12 | 19.6 | 0 | No | No |
| 24518 NEPTUNE AVE | 45 | 45 | 72.2 | 1 | Yes | No |
| 24518 PANAMA AVE | 42 | 36 | 96 | 1 | Yes | No |
| 24518 RAVENNA AVE | 30 | 30 | 20.8 | 0 | No | No |
| 24519 NEPTUNE AVE | 35 | 35 | 18.7 | 0 | No | No |
| 24519 PANAMA AVE | 30 | 28 | 34.3 | 0 | No | No |
| 24522 MARBELLA AVE | 27 | 27 | 15.1 | 0 | No | No |
| 24522 NEPTUNE AVE | 28 | 28 | 22 | 0 | No | No |
| 24522 PANAMA AVE | 36 | 35 | 26.6 | 0 | No | No |
| 24522 RAVENNA AVE | 35 | 34 | 16.9 | 0 | No | No |
| 24523 MARBELLA AVE | 45 | 45 | 148 | 2 | Yes | No |
| 24523 NEPTUNE AVE | 37 | 37 | 21.6 | 0 | No | No |
| 24523 RAVENNA AVE | 17 | 17 | 28.5 | 0 | No | No |
| 24526 MARBELLA AVE | 36 | 36 | 12.1 | 0 | No | No |
| 24528 NEPTUNE AVE | 31 | 31 | 15.1 | 0 | No | No |
| 24528 PANAMA AVE | 39 | 39 | 31.2 | 0 | No | No |
| 24529 NEPTUNE AVE | 32 | 32 | 29.9 | 0 | No | No |
| 24529 PANAMA AVE | 24 | 24 | 14.5 | 0 | No | No |
| 24529 RAVENNA AVE | 26 | 26 | 39.6 | 0 | No | No |
| 24532 MARBELLA AVE | 27 | 27 | 22.7 | 0 | No | No |
| 24532 NEPTUNE AVE | 21 | 21 | 51.7 | 0 | No | No |
| 24532 PANAMA AVE | 23 | 23 | 67.7 | 1 | Yes | No |
| 24532 RAVENNA AVE | 29 | 29 | 11.3 | 0 | No | No |
| 24533 MARBELLA AVE | 25 | 25 | 31 | 0 | No | No |
| 24533 PANAMA AVE | 29 | 28 | 22.2 | 0 | No | No |
| 24533 RAVENNA AVE | 52 | 52 | 20.6 | 0 | No | No |
| 24602 MARBELLA AVE | 34 | 34 | 26.2 | 0 | No | No |
| 24602 NEPTUNE AVE | 33 | 33 | 21 | 0 | No | No |
| 24602 PANAMA AVE | 40 | 40 | 76 | 2 | Yes | No |
| 24602 RAVENNA AVE | 28 | 28 | 42 | 0 | No | No |
| 24603 MARBELLA AVE | 26 | 26 | 32 | 0 | No | No |
| 24603 NEPTUNE AVE | 49 | 49 | 16.1 | 0 | No | No |
| 24603 PANAMA AVE | 30 | 30 | 44.4 | 0 | No | No |
| 24603 RAVENNA AVE | 31 | 31 | 73.8 | 1 | Yes | No |
| 24606 MARBELLA AVE | 63 | 63 | 22 | 0 | No | No |

**Table 5-2.6**
**Summary of Background Analysis for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Lead (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (61.46 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24607 MARBELLA AVE | 31 | 31 | 29.4 | 0 | No | No |
| 24608 NEPTUNE AVE | 37 | 37 | 76.2 | 1 | Yes | No |
| 24608 PANAMA AVE | 22 | 22 | 330 | 2 | Yes | No |
| 24608 RAVENNA AVE | 40 | 40 | 58.7 | 0 | No | No |
| 24609 NEPTUNE AVE | 30 | 30 | 14.9 | 0 | No | No |
| 24609 PANAMA AVE | 34 | 34 | 46.8 | 0 | No | No |
| 24609 RAVENNA AVE | 45 | 45 | 16.1 | 0 | No | No |
| 24612 MARBELLA AVE | 51 | 51 | 144 | 1 | Yes | No |
| 24612 NEPTUNE AVE | 47 | 47 | 17.2 | 0 | No | No |
| 24612 PANAMA AVE | 33 | 33 | 74.3 | 1 | Yes | No |
| 24612 RAVENNA AVE | 46 | 46 | 141 | 2 | Yes | No |
| 24613 MARBELLA AVE | 52 | 52 | 14.9 | 0 | No | No |
| 24613 NEPTUNE AVE | 39 | 39 | 18.9 | 0 | No | No |
| 24613 PANAMA AVE | 51 | 51 | 221 | 3 | Yes | No |
| 24613 RAVENNA AVE | 33 | 33 | 13.7 | 0 | No | No |
| 24616 MARBELLA AVE | 46 | 46 | 21 | 0 | No | No |
| 24617 MARBELLA AVE | 34 | 34 | 20.1 | 0 | No | No |
| 24618 NEPTUNE AVE | 26 | 26 | 20.3 | 0 | No | No |
| 24618 PANAMA AVE | 28 | 28 | 62 | 1 | Yes | No |
| 24618 RAVENNA AVE | 40 | 40 | 10.4 | 0 | No | No |
| 24619 NEPTUNE AVE | 28 | 28 | 30.9 | 0 | No | No |
| 24619 PANAMA AVE | 38 | 38 | 36.2 | 0 | No | No |
| 24619 RAVENNA AVE | 35 | 35 | 15.7 | 0 | No | No |
| 24622 MARBELLA AVE | 53 | 53 | 41.1 | 0 | No | No |
| 24622 NEPTUNE AVE | 34 | 34 | 50.6 | 0 | No | No |
| 24623 MARBELLA AVE | 32 | 32 | 23.1 | 0 | No | No |
| 24623 NEPTUNE AVE | 36 | 36 | 34.3 | 0 | No | No |
| 24627 MARBELLA AVE | 48 | 48 | 26.3 | 0 | No | No |
| 24628 MARBELLA AVE | 52 | 52 | 45 | 0 | No | No |
| 24628 NEPTUNE AVE | 18 | 18 | 27.5 | 0 | No | No |
| 24629 NEPTUNE AVE | 39 | 39 | 20 | 0 | No | No |
| 24632 NEPTUNE AVE | 20 | 20 | 30.1 | 0 | No | No |
| 24633 MARBELLA AVE | 40 | 40 | 390 | 1 | Yes | No |
| 24700 MARBELLA AVE | 46 | 46 | 49.4 | 0 | No | No |
| 24700 RAVENNA AVE | 56 | 56 | 77 | 2 | Yes | No |
| 24702 NEPTUNE AVE | 46 | 46 | 50.1 | 0 | No | No |
| 24702 PANAMA AVE | 30 | 30 | 156 | 3 | Yes | No |
| 24703 MARBELLA AVE | 36 | 36 | 59.8 | 0 | No | No |
| 24703 NEPTUNE AVE | 39 | 39 | 29.3 | 0 | No | No |
| 24703 RAVENNA AVE | 53 | 53 | 36.3 | 0 | No | No |
| 24706 MARBELLA AVE | 43 | 43 | 18.2 | 0 | No | No |
| 24706 RAVENNA AVE | 33 | 33 | 65 | 1 | Yes | No |
| 24707 MARBELLA AVE | 37 | 37 | 29.9 | 0 | No | No |
| 24708 PANAMA AVE | 37 | 37 | 108 | 2 | Yes | No |
| 24709 NEPTUNE AVE | 37 | 37 | 24.9 | 0 | No | No |
| 24709 PANAMA AVE | 43 | 43 | 68.2 | 2 | Yes | No |
| 24709 RAVENNA AVE | 52 | 52 | 27.9 | 0 | No | No |
| 24710 MARBELLA AVE | 43 | 43 | 140 | 1 | Yes | No |
| 24712 NEPTUNE AVE | 32 | 32 | 37.3 | 0 | No | No |
| 24712 PANAMA AVE | 27 | 27 | 220 | 2 | Yes | No |
| 24712 RAVENNA AVE | 45 | 45 | 146 | 2 | Yes | No |
| 24713 MARBELLA AVE | 37 | 37 | 12 | 0 | No | No |
| 24713 PANAMA AVE | 34 | 34 | 209 | 2 | Yes | No |
| 24713 RAVENNA AVE | 35 | 35 | 21.8 | 0 | No | No |

**Table 5-2.6**
**Summary of Background Analysis for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Lead (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (61.46 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24715 NEPTUNE AVE | 37 | 37 | 34.7 | 0 | No | No |
| 24716 MARBELLA AVE | 30 | 30 | 32.6 | 0 | No | No |
| 24716 RAVENNA AVE | 15 | 15 | 21 | 0 | No | No |
| 24717 MARBELLA AVE | 38 | 38 | 12.1 | 0 | No | No |
| 24718 NEPTUNE AVE | 65 | 65 | 17.3 | 0 | No | No |
| 24718 PANAMA AVE | 33 | 33 | 91 | 1 | Yes | No |
| 24719 NEPTUNE AVE | 33 | 33 | 65.5 | 1 | Yes | No |
| 24719 PANAMA AVE | 28 | 28 | 146 | 1 | Yes | No |
| 24719 RAVENNA AVE | 45 | 45 | 82.8 | 1 | Yes | No |
| 24722 MARBELLA AVE | 34 | 34 | 17.9 | 0 | No | No |
| 24722 NEPTUNE AVE | 40 | 40 | 18.6 | 0 | No | No |
| 24722 PANAMA AVE | 18 | 18 | 27.8 | 0 | No | No |
| 24722 RAVENNA AVE | 41 | 41 | 105 | 2 | Yes | No |
| 24723 MARBELLA AVE | 22 | 22 | 23.1 | 0 | No | No |
| 24723 RAVENNA AVE | 37 | 37 | 43.1 | 0 | No | No |
| 24725 NEPTUNE AVE | 35 | 35 | 111 | 1 | Yes | No |
| 24726 MARBELLA AVE | 49 | 49 | 28.2 | 0 | No | No |
| 24726 RAVENNA AVE | 37 | 37 | 17 | 0 | No | No |
| 24727 MARBELLA AVE | 40 | 40 | 65.4 | 1 | Yes | No |
| 24728 NEPTUNE AVE | 33 | 33 | 27.5 | 0 | No | No |
| 24728 PANAMA AVE | 31 | 31 | 239 | 6 | Yes | **Yes** |
| 24729 NEPTUNE AVE | 35 | 35 | 155 | 1 | Yes | No |
| 24729 PANAMA AVE | 34 | 34 | 52.4 | 0 | No | No |
| 24729 RAVENNA AVE | 16 | 16 | 35 | 0 | No | No |
| 24732 MARBELLA AVE | 37 | 37 | 27.3 | 0 | No | No |
| 24732 NEPTUNE AVE | 35 | 35 | 26.4 | 0 | No | No |
| 24732 PANAMA AVE | 33 | 33 | 48.6 | 0 | No | No |
| 24732 RAVENNA AVE | 42 | 42 | 19.8 | 0 | No | No |
| 24733 MARBELLA AVE | 32 | 32 | 18.8 | 0 | No | No |
| 24733 PANAMA AVE | 38 | 38 | 98.7 | 1 | Yes | No |
| 24733 RAVENNA AVE | 40 | 40 | 30.2 | 0 | No | No |
| 24735 NEPTUNE AVE | 36 | 36 | 25 | 0 | No | No |
| 24736 MARBELLA AVE | 52 | 52 | 40.7 | 0 | No | No |
| 24736 RAVENNA AVE | 43 | 43 | 12.3 | 0 | No | No |
| 24737 MARBELLA AVE | 28 | 28 | 51 | 0 | No | No |
| 24738 NEPTUNE AVE | 51 | 51 | 97.1 | 2 | Yes | No |
| 24738 PANAMA AVE | 32 | 32 | 103 | 3 | Yes | No |
| 24739 NEPTUNE AVE | 41 | 41 | 39.1 | 0 | No | No |
| 24739 PANAMA AVE | 43 | 43 | 45 | 0 | No | No |
| 24739 RAVENNA AVE | 42 | 42 | 27.2 | 0 | No | No |
| 24740 MARBELLA AVE | 64 | 64 | 31 | 0 | No | No |
| 24741 MARBELLA AVE | 12 | 12 | 20.9 | 0 | No | No |
| 24743 RAVENNA AVE | 42 | 42 | 23.1 | 0 | No | No |
| 24744 MARBELLA AVE | 25 | 25 | 23.6 | 0 | No | No |
| 24748 RAVENNA AVE | 24 | 24 | 13.3 | 0 | No | No |
| 24749 RAVENNA AVE | 43 | 43 | 163 | 1 | Yes | No |
| 24752 RAVENNA AVE | 45 | 45 | 265 | 1 | Yes | No |
| 24802 PANAMA AVE | 52 | 52 | 175 | 1 | Yes | No |
| 24803 NEPTUNE AVE | 32 | 32 | 25 | 0 | No | No |
| 24803 PANAMA AVE | 18 | 18 | 7.65 | 0 | No | No |
| 24809 NEPTUNE AVE | 27 | 27 | 31 | 0 | No | No |
| 24809 PANAMA AVE | 36 | 36 | 21.3 | 0 | No | No |
| 24812 PANAMA AVE | 29 | 29 | 26.7 | 0 | No | No |
| 24813 PANAMA AVE | 15 | 15 | 34.7 | 0 | No | No |

**Table 5-2.6**
**Summary of Background Analysis for Lead**
**Former Kast Property**
**Carson, CA**

| Location ID | Lead (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (61.46 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24815 NEPTUNE AVE | 30 | 30 | 51.2 | 0 | No | No |
| 24818 PANAMA AVE | 34 | 34 | 88.1 | 2 | Yes | No |
| 24819 PANAMA AVE | 34 | 34 | 267 | 2 | Yes | No |
| 24822 PANAMA AVE | 43 | 43 | 82.9 | 1 | Yes | No |
| 24823 PANAMA AVE | 39 | 39 | 16.1 | 0 | No | No |
| 24825 NEPTUNE AVE | 98 | 98 | 34.5 | 0 | No | No |
| 24828 PANAMA AVE | 36 | 36 | 191 | 2 | Yes | No |
| 24829 PANAMA AVE | 48 | 48 | 24 | 0 | No | No |
| 24832 PANAMA AVE | 38 | 38 | 23.7 | 0 | No | No |
| 24833 PANAMA AVE | 43 | 43 | 34.8 | 0 | No | No |
| 24838 PANAMA AVE | 28 | 28 | 90.7 | 1 | Yes | No |
| 24904 NEPTUNE AVE | 74 | 74 | 47.3 | 0 | No | No |
| 24912 NEPTUNE AVE | 36 | 36 | 48 | 0 | No | No |
| 301 244TH ST | 29 | 28 | 39.1 | 0 | No | No |
| 305 244TH ST | 54 | 54 | 115 | 3 | Yes | No |
| 311 244TH ST | 71 | 71 | 254 | 13 | Yes | **Yes** |
| 317 244TH ST | 58 | 58 | 207 | 3 | Yes | No |
| 321 244TH ST | 40 | 40 | 38.2 | 0 | No | No |
| 327 244TH ST | 12 | 12 | 12.7 | 0 | No | No |
| 331 244TH ST | 28 | 28 | 22.4 | 0 | No | No |
| 337 244TH ST | 34 | 34 | 15.6 | 0 | No | No |
| 341 244TH ST | 48 | 48 | 28.1 | 0 | No | No |
| 344 249TH ST | 35 | 35 | 65.7 | 1 | Yes | No |
| 345 249TH ST | 93 | 90 | 203 | 2 | Yes | No |
| 347 244TH ST | 32 | 32 | 26.9 | 0 | No | No |
| 348 248TH ST | 49 | 49 | 26 | 0 | No | No |
| 348 249TH ST | 51 | 51 | 133 | 2 | Yes | No |
| 351 244TH ST | 32 | 32 | 135 | 1 | Yes | No |
| 352 249TH ST | 32 | 32 | 56.9 | 0 | No | No |
| 353 249TH ST | 32 | 32 | 24.6 | 0 | No | No |
| 354 248TH ST | 39 | 39 | 47.2 | 0 | No | No |
| 357 244TH ST | 40 | 40 | 15.9 | 0 | No | No |
| 357 249TH ST | 24 | 24 | 14.6 | 0 | No | No |
| 358 249TH ST | 43 | 43 | 39.4 | 0 | No | No |
| 360 248TH ST | 48 | 48 | 26.3 | 0 | No | No |
| 361 244TH ST | 23 | 23 | 18.1 | 0 | No | No |
| 362 249TH ST | 25 | 25 | 31.4 | 0 | No | No |
| 363 249TH ST | 27 | 27 | 81.8 | 1 | Yes | No |
| 364 248TH ST | 48 | 48 | 153 | 1 | Yes | No |
| 367 244TH ST | 13 | 13 | 151 | 1 | Yes | No |
| 367 249TH ST | 46 | 46 | 67.7 | 1 | Yes | No |
| 368 249TH ST | 55 | 55 | 144 | 1 | Yes | No |
| 373 249TH ST | 42 | 42 | 31.1 | 0 | No | No |
| 374 248TH ST | 120 | 120 | 241 | 4 | Yes | No |
| 374 249TH ST | 27 | 27 | 32.9 | 0 | No | No |
| 377 244TH ST | 32 | 32 | 28.3 | 0 | No | No |
| 377 249TH ST | 33 | 33 | 26.2 | 0 | No | No |
| 378 249TH ST | 41 | 41 | 44.9 | 0 | No | No |
| 383 249TH ST | 32 | 32 | 24.7 | 0 | No | No |
| 402 249TH ST | 32 | 32 | 29.9 | 0 | No | No |
| 408 249TH ST | 24 | 24 | 127 | 1 | Yes | No |
| 412 249TH ST | 77 | 77 | 381 | 3 | Yes | No |
| 24703 PANAMA AVE | 62 | 62 | 88.6 | 1 | Yes | No |
| 24808 PANAMA AVE | 20 | 20 | 39.5 | 0 | No | No |

**Table 5-2.7**
**Summary of Background Analysis for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Thallium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.23 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24401 MARBELLA AVE | 33 | 0 | 0.23 | 0 | No | No |
| 24402 NEPTUNE AVE | 48 | 0 | 0.23 | 0 | No | No |
| 24402 PANAMA AVE | 127 | 12 | 0.74 | 12 | Yes | **Yes** |
| 24402 RAVENNA AVE | 40 | 1 | 0.3 | 1 | Yes | No |
| 24403 NEPTUNE AVE | 46 | 0 | 0.23 | 0 | No | No |
| 24403 RAVENNA AVE | 62 | 0 | 0.23 | 0 | No | No |
| 24405 MARBELLA AVE | 25 | 0 | 0.23 | 0 | No | No |
| 24406 MARBELLA AVE | 40 | 0 | 0.23 | 0 | No | No |
| 24406 NEPTUNE AVE | 28 | 0 | 0.23 | 0 | No | No |
| 24406 PANAMA AVE | 23 | 0 | 0.23 | 0 | No | No |
| 24406 RAVENNA AVE | 26 | 0 | 0.23 | 0 | No | No |
| 24409 NEPTUNE AVE | 24 | 0 | 0.23 | 0 | No | No |
| 24409 RAVENNA AVE | 33 | 2 | 0.89 | 2 | Yes | No |
| 24410 PANAMA AVE | 33 | 0 | 0.23 | 0 | No | No |
| 24411 MARBELLA AVE | 69 | 0 | 0.23 | 0 | No | No |
| 24411 PANAMA AVE | 37 | 10 | 1.06 | 10 | Yes | **Yes** |
| 24412 MARBELLA AVE | 31 | 0 | 0.23 | 0 | No | No |
| 24412 RAVENNA AVE | 61 | 0 | 0.23 | 0 | No | No |
| 24413 NEPTUNE AVE | 24 | 0 | 0.23 | 0 | No | No |
| 24413 RAVENNA AVE | 28 | 0 | 0.23 | 0 | No | No |
| 24416 MARBELLA AVE | 50 | 0 | 0.23 | 0 | No | No |
| 24416 NEPTUNE AVE | 21 | 0 | 0.23 | 0 | No | No |
| 24416 PANAMA AVE | 33 | 0 | 0.23 | 0 | No | No |
| 24416 RAVENNA AVE | 42 | 0 | 0.23 | 0 | No | No |
| 24417 MARBELLA AVE | 8 | 0 | 0.23 | 0 | No | No |
| 24417 PANAMA AVE | 47 | 0 | 0.23 | 0 | No | No |
| 24419 NEPTUNE AVE | 32 | 1 | 0.25 | 1 | Yes | No |
| 24419 RAVENNA AVE | 32 | 0 | 0.23 | 0 | No | No |
| 24420 PANAMA AVE | 33 | 0 | 0.23 | 0 | No | No |
| 24421 PANAMA AVE | 30 | 0 | 0.23 | 0 | No | No |
| 24422 MARBELLA AVE | 43 | 0 | 0.23 | 0 | No | No |
| 24422 NEPTUNE AVE | 36 | 0 | 0.23 | 0 | No | No |
| 24422 RAVENNA AVE | 29 | 2 | 0.4 | 1 | Yes | No |
| 24423 MARBELLA AVE | 13 | 1 | 0.31 | 1 | Yes | No |
| 24423 NEPTUNE AVE | 37 | 0 | 0.23 | 0 | No | No |
| 24423 RAVENNA AVE | 40 | 0 | 0.23 | 0 | No | No |
| 24426 MARBELLA AVE | 24 | 0 | 0.23 | 0 | No | No |
| 24426 NEPTUNE AVE | 30 | 1 | 0.26 | 1 | Yes | No |
| 24426 PANAMA AVE | 30 | 0 | 0.23 | 0 | No | No |
| 24426 RAVENNA AVE | 49 | 1 | 1.24 | 1 | Yes | No |
| 24427 MARBELLA AVE | 25 | 0 | 0.23 | 0 | No | No |
| 24427 PANAMA AVE | 38 | 0 | 0.23 | 0 | No | No |
| 24429 NEPTUNE AVE | 19 | 0 | 0.23 | 0 | No | No |
| 24429 RAVENNA AVE | 29 | 0 | 0.23 | 0 | No | No |
| 24430 PANAMA AVE | 30 | 0 | 0.23 | 0 | No | No |
| 24431 PANAMA AVE | 35 | 0 | 0.23 | 0 | No | No |
| 24432 MARBELLA AVE | 67 | 0 | 0.23 | 0 | No | No |
| 24433 MARBELLA AVE | 27 | 0 | 0.23 | 0 | No | No |
| 24436 PANAMA AVE | 35 | 0 | 0.23 | 0 | No | No |
| 24502 MARBELLA AVE | 51 | 0 | 0.23 | 0 | No | No |
| 24502 NEPTUNE AVE | 58 | 0 | 0.23 | 0 | No | No |
| 24502 PANAMA AVE | 48 | 2 | 0.29 | 2 | Yes | No |
| 24502 RAVENNA AVE | 44 | 0 | 0.23 | 0 | No | No |
| 24503 MARBELLA AVE | 29 | 0 | 0.23 | 0 | No | No |

**Table 5-2.7**
**Summary of Background Analysis for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Thallium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.23 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24503 NEPTUNE AVE | 60 | 0 | 0.23 | 0 | No | No |
| 24503 PANAMA AVE | 28 | 0 | 0.23 | 0 | No | No |
| 24503 RAVENNA AVE | 34 | 2 | 0.28 | 2 | Yes | No |
| 24506 MARBELLA AVE | 36 | 15 | 0.61 | 14 | Yes | **Yes** |
| 24507 MARBELLA AVE | 36 | 0 | 0.23 | 0 | No | No |
| 24508 NEPTUNE AVE | 40 | 0 | 0.23 | 0 | No | No |
| 24508 PANAMA AVE | 24 | 0 | 0.23 | 0 | No | No |
| 24508 RAVENNA AVE | 39 | 0 | 0.23 | 0 | No | No |
| 24509 NEPTUNE AVE | 31 | 0 | 0.23 | 0 | No | No |
| 24509 PANAMA AVE | 47 | 0 | 0.23 | 0 | No | No |
| 24509 RAVENNA AVE | 37 | 0 | 0.23 | 0 | No | No |
| 24512 MARBELLA AVE | 48 | 0 | 0.23 | 0 | No | No |
| 24512 NEPTUNE AVE | 36 | 0 | 0.15 | 0 | No | No |
| 24512 PANAMA AVE | 28 | 1 | 0.42 | 1 | Yes | No |
| 24512 RAVENNA AVE | 56 | 0 | 0.23 | 0 | No | No |
| 24513 NEPTUNE AVE | 37 | 0 | 0.23 | 0 | No | No |
| 24513 PANAMA AVE | 51 | 0 | 0.23 | 0 | No | No |
| 24513 RAVENNA AVE | 30 | 0 | 0.23 | 0 | No | No |
| 24516 MARBELLA AVE | 30 | 0 | 0.23 | 0 | No | No |
| 24517 MARBELLA AVE | 12 | 0 | 0.23 | 0 | No | No |
| 24518 NEPTUNE AVE | 45 | 0 | 0.23 | 0 | No | No |
| 24518 PANAMA AVE | 42 | 2 | 0.31 | 2 | Yes | No |
| 24518 RAVENNA AVE | 30 | 0 | 0.23 | 0 | No | No |
| 24519 NEPTUNE AVE | 35 | 0 | 0.23 | 0 | No | No |
| 24519 PANAMA AVE | 30 | 0 | 0.23 | 0 | No | No |
| 24522 MARBELLA AVE | 27 | 0 | 0.23 | 0 | No | No |
| 24522 NEPTUNE AVE | 28 | 0 | 0.23 | 0 | No | No |
| 24522 PANAMA AVE | 36 | 0 | 0.23 | 0 | No | No |
| 24522 RAVENNA AVE | 35 | 0 | 0.23 | 0 | No | No |
| 24523 MARBELLA AVE | 45 | 0 | 0.23 | 0 | No | No |
| 24523 NEPTUNE AVE | 37 | 0 | 0.23 | 0 | No | No |
| 24523 RAVENNA AVE | 17 | 0 | 0.23 | 0 | No | No |
| 24526 MARBELLA AVE | 36 | 0 | 0.23 | 0 | No | No |
| 24528 NEPTUNE AVE | 31 | 0 | 0.23 | 0 | No | No |
| 24528 PANAMA AVE | 39 | 0 | 0.15 | 0 | No | No |
| 24529 NEPTUNE AVE | 32 | 17 | 0.84 | 17 | Yes | **Yes** |
| 24529 PANAMA AVE | 24 | 0 | 0.23 | 0 | No | No |
| 24529 RAVENNA AVE | 26 | 0 | 0.23 | 0 | No | No |
| 24532 MARBELLA AVE | 27 | 0 | 0.23 | 0 | No | No |
| 24532 NEPTUNE AVE | 21 | 0 | 0.23 | 0 | No | No |
| 24532 PANAMA AVE | 23 | 0 | 0.15 | 0 | No | No |
| 24532 RAVENNA AVE | 29 | 0 | 0.23 | 0 | No | No |
| 24533 MARBELLA AVE | 25 | 0 | 0.23 | 0 | No | No |
| 24533 PANAMA AVE | 29 | 0 | 0.23 | 0 | No | No |
| 24533 RAVENNA AVE | 52 | 1 | 0.29 | 1 | Yes | No |
| 24602 MARBELLA AVE | 34 | 0 | 0.23 | 0 | No | No |
| 24602 NEPTUNE AVE | 33 | 0 | 0.23 | 0 | No | No |
| 24602 PANAMA AVE | 40 | 0 | 0.23 | 0 | No | No |
| 24602 RAVENNA AVE | 28 | 3 | 0.38 | 3 | Yes | No |
| 24603 MARBELLA AVE | 26 | 5 | 0.98 | 5 | Yes | **Yes** |
| 24603 NEPTUNE AVE | 49 | 0 | 0.23 | 0 | No | No |
| 24603 PANAMA AVE | 30 | 0 | 0.23 | 0 | No | No |
| 24603 RAVENNA AVE | 31 | 21 | 3.47 | 21 | Yes | **Yes** |
| 24606 MARBELLA AVE | 63 | 0 | 0.23 | 0 | No | No |

**Table 5-2.7**
**Summary of Background Analysis for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Thallium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.23 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24607 MARBELLA AVE | 31 | 0 | 0.23 | 0 | No | No |
| 24608 NEPTUNE AVE | 37 | 0 | 0.23 | 0 | No | No |
| 24608 PANAMA AVE | 22 | 14 | 2.52 | 14 | Yes | **Yes** |
| 24608 RAVENNA AVE | 40 | 0 | 0.23 | 0 | No | No |
| 24609 NEPTUNE AVE | 30 | 0 | 0.23 | 0 | No | No |
| 24609 PANAMA AVE | 34 | 0 | 0.23 | 0 | No | No |
| 24609 RAVENNA AVE | 45 | 0 | 0.23 | 0 | No | No |
| 24612 MARBELLA AVE | 51 | 0 | 0.23 | 0 | No | No |
| 24612 NEPTUNE AVE | 47 | 18 | 0.58 | 17 | Yes | **Yes** |
| 24612 PANAMA AVE | 33 | 5 | 0.34 | 2 | Yes | No |
| 24612 RAVENNA AVE | 46 | 0 | 0.23 | 0 | No | No |
| 24613 MARBELLA AVE | 52 | 0 | 0.23 | 0 | No | No |
| 24613 NEPTUNE AVE | 39 | 0 | 0.23 | 0 | No | No |
| 24613 PANAMA AVE | 51 | 0 | 0.23 | 0 | No | No |
| 24613 RAVENNA AVE | 33 | 0 | 0.23 | 0 | No | No |
| 24616 MARBELLA AVE | 46 | 0 | 0.23 | 0 | No | No |
| 24617 MARBELLA AVE | 34 | 22 | 1.2 | 21 | Yes | **Yes** |
| 24618 NEPTUNE AVE | 26 | 0 | 0.23 | 0 | No | No |
| 24618 PANAMA AVE | 28 | 0 | 0.23 | 0 | No | No |
| 24618 RAVENNA AVE | 40 | 0 | 0.23 | 0 | No | No |
| 24619 NEPTUNE AVE | 28 | 0 | 0.23 | 0 | No | No |
| 24619 PANAMA AVE | 38 | 0 | 0.23 | 0 | No | No |
| 24619 RAVENNA AVE | 35 | 0 | 0.23 | 0 | No | No |
| 24622 MARBELLA AVE | 53 | 0 | 0.23 | 0 | No | No |
| 24622 NEPTUNE AVE | 34 | 0 | 0.23 | 0 | No | No |
| 24623 MARBELLA AVE | 32 | 0 | 0.23 | 0 | No | No |
| 24623 NEPTUNE AVE | 36 | 0 | 0.23 | 0 | No | No |
| 24627 MARBELLA AVE | 48 | 0 | 0.23 | 0 | No | No |
| 24628 MARBELLA AVE | 52 | 6 | 0.44 | 5 | Yes | No |
| 24628 NEPTUNE AVE | 18 | 0 | 0.23 | 0 | No | No |
| 24629 NEPTUNE AVE | 39 | 1 | 0.32 | 1 | Yes | No |
| 24632 NEPTUNE AVE | 20 | 0 | 0.23 | 0 | No | No |
| 24633 MARBELLA AVE | 40 | 0 | 0.15 | 0 | No | No |
| 24700 MARBELLA AVE | 46 | 0 | 0.23 | 0 | No | No |
| 24700 RAVENNA AVE | 56 | 0 | 0.23 | 0 | No | No |
| 24702 NEPTUNE AVE | 46 | 0 | 0.23 | 0 | No | No |
| 24702 PANAMA AVE | 30 | 2 | 0.28 | 1 | Yes | No |
| 24703 MARBELLA AVE | 36 | 0 | 0.23 | 0 | No | No |
| 24703 NEPTUNE AVE | 39 | 0 | 0.23 | 0 | No | No |
| 24703 RAVENNA AVE | 53 | 0 | 0.23 | 0 | No | No |
| 24706 MARBELLA AVE | 43 | 0 | 0.23 | 0 | No | No |
| 24706 RAVENNA AVE | 33 | 0 | 0.23 | 0 | No | No |
| 24707 MARBELLA AVE | 37 | 9 | 0.54 | 9 | Yes | **Yes** |
| 24708 PANAMA AVE | 37 | 0 | 0.23 | 0 | No | No |
| 24709 NEPTUNE AVE | 37 | 3 | 0.36 | 3 | Yes | No |
| 24709 PANAMA AVE | 43 | 0 | 0.23 | 0 | No | No |
| 24709 RAVENNA AVE | 52 | 0 | 0.23 | 0 | No | No |
| 24710 MARBELLA AVE | 43 | 0 | 0.23 | 0 | No | No |
| 24712 NEPTUNE AVE | 32 | 0 | 0.23 | 0 | No | No |
| 24712 PANAMA AVE | 27 | 0 | 0.23 | 0 | No | No |
| 24712 RAVENNA AVE | 45 | 0 | 0.23 | 0 | No | No |
| 24713 MARBELLA AVE | 37 | 0 | 0.23 | 0 | No | No |
| 24713 PANAMA AVE | 34 | 8 | 0.36 | 6 | Yes | **Yes** |
| 24713 RAVENNA AVE | 35 | 0 | 0.23 | 0 | No | No |

**Table 5-2.7**
**Summary of Background Analysis for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Thallium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.23 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24715 NEPTUNE AVE | 37 | 0 | 0.23 | 0 | No | No |
| 24716 MARBELLA AVE | 30 | 13 | 0.78 | 13 | Yes | **Yes** |
| 24716 RAVENNA AVE | 15 | 0 | 0.23 | 0 | No | No |
| 24717 MARBELLA AVE | 38 | 3 | 0.32 | 3 | Yes | No |
| 24718 NEPTUNE AVE | 65 | 0 | 0.23 | 0 | No | No |
| 24718 PANAMA AVE | 33 | 0 | 0.23 | 0 | No | No |
| 24719 NEPTUNE AVE | 33 | 1 | 0.24 | 1 | Yes | No |
| 24719 PANAMA AVE | 28 | 2 | 0.35 | 2 | Yes | No |
| 24719 RAVENNA AVE | 45 | 0 | 0.23 | 0 | No | No |
| 24722 MARBELLA AVE | 34 | 16 | 0.42 | 14 | Yes | **Yes** |
| 24722 NEPTUNE AVE | 40 | 0 | 0.23 | 0 | No | No |
| 24722 PANAMA AVE | 18 | 0 | 0.23 | 0 | No | No |
| 24722 RAVENNA AVE | 41 | 1 | 0.26 | 1 | Yes | No |
| 24723 MARBELLA AVE | 22 | 0 | 0.23 | 0 | No | No |
| 24723 RAVENNA AVE | 37 | 0 | 0.23 | 0 | No | No |
| 24725 NEPTUNE AVE | 35 | 0 | 0.23 | 0 | No | No |
| 24726 MARBELLA AVE | 49 | 1 | 0.25 | 1 | Yes | No |
| 24726 RAVENNA AVE | 37 | 0 | 0.23 | 0 | No | No |
| 24727 MARBELLA AVE | 40 | 0 | 0.23 | 0 | No | No |
| 24728 NEPTUNE AVE | 33 | 0 | 0.23 | 0 | No | No |
| 24728 PANAMA AVE | 31 | 0 | 0.23 | 0 | No | No |
| 24729 NEPTUNE AVE | 35 | 0 | 0.23 | 0 | No | No |
| 24729 PANAMA AVE | 34 | 0 | 0.23 | 0 | No | No |
| 24729 RAVENNA AVE | 16 | 0 | 0.23 | 0 | No | No |
| 24732 MARBELLA AVE | 37 | 3 | 0.31 | 3 | Yes | No |
| 24732 NEPTUNE AVE | 35 | 0 | 0.23 | 0 | No | No |
| 24732 PANAMA AVE | 33 | 0 | 0.23 | 0 | No | No |
| 24732 RAVENNA AVE | 42 | 0 | 0.23 | 0 | No | No |
| 24733 MARBELLA AVE | 32 | 6 | 0.83 | 6 | Yes | **Yes** |
| 24733 PANAMA AVE | 38 | 0 | 0.23 | 0 | No | No |
| 24733 RAVENNA AVE | 40 | 5 | 0.47 | 5 | Yes | **Yes** |
| 24735 NEPTUNE AVE | 36 | 28 | 0.57 | 28 | Yes | **Yes** |
| 24736 MARBELLA AVE | 52 | 0 | 0.23 | 0 | No | No |
| 24736 RAVENNA AVE | 43 | 0 | 0.23 | 0 | No | No |
| 24737 MARBELLA AVE | 28 | 0 | 0.23 | 0 | No | No |
| 24738 NEPTUNE AVE | 51 | 0 | 0.23 | 0 | No | No |
| 24738 PANAMA AVE | 32 | 0 | 0.23 | 0 | No | No |
| 24739 NEPTUNE AVE | 41 | 0 | 0.23 | 0 | No | No |
| 24739 PANAMA AVE | 43 | 0 | 0.23 | 0 | No | No |
| 24739 RAVENNA AVE | 42 | 0 | 0.23 | 0 | No | No |
| 24740 MARBELLA AVE | 64 | 0 | 0.23 | 0 | No | No |
| 24741 MARBELLA AVE | 12 | 0 | 0.23 | 0 | No | No |
| 24743 RAVENNA AVE | 42 | 0 | 0.23 | 0 | No | No |
| 24744 MARBELLA AVE | 25 | 0 | 0.23 | 0 | No | No |
| 24748 RAVENNA AVE | 24 | 0 | 0.23 | 0 | No | No |
| 24749 RAVENNA AVE | 43 | 0 | 0.23 | 0 | No | No |
| 24752 RAVENNA AVE | 45 | 0 | 0.23 | 0 | No | No |
| 24802 PANAMA AVE | 52 | 0 | 0.23 | 0 | No | No |
| 24803 NEPTUNE AVE | 32 | 0 | 0.23 | 0 | No | No |
| 24803 PANAMA AVE | 18 | 0 | 0.23 | 0 | No | No |
| 24809 NEPTUNE AVE | 27 | 0 | 0.23 | 0 | No | No |
| 24809 PANAMA AVE | 36 | 0 | 0.23 | 0 | No | No |
| 24812 PANAMA AVE | 29 | 0 | 0.23 | 0 | No | No |
| 24813 PANAMA AVE | 15 | 0 | 0.23 | 0 | No | No |

**Table 5-2.7**
**Summary of Background Analysis for Thallium**
**Former Kast Property**
**Carson, CA**

| Location ID | Thallium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.23 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24815 NEPTUNE AVE | 30 | 0 | 0.23 | 0 | No | No |
| 24818 PANAMA AVE | 34 | 0 | 0.23 | 0 | No | No |
| 24819 PANAMA AVE | 34 | 0 | 0.23 | 0 | No | No |
| 24822 PANAMA AVE | 43 | 0 | 0.23 | 0 | No | No |
| 24823 PANAMA AVE | 39 | 0 | 0.23 | 0 | No | No |
| 24825 NEPTUNE AVE | 98 | 0 | 0.23 | 0 | No | No |
| 24828 PANAMA AVE | 36 | 0 | 0.23 | 0 | No | No |
| 24829 PANAMA AVE | 48 | 0 | 0.23 | 0 | No | No |
| 24832 PANAMA AVE | 38 | 0 | 0.23 | 0 | No | No |
| 24833 PANAMA AVE | 43 | 0 | 0.23 | 0 | No | No |
| 24838 PANAMA AVE | 28 | 0 | 0.23 | 0 | No | No |
| 24904 NEPTUNE AVE | 74 | 0 | 0.23 | 0 | No | No |
| 24912 NEPTUNE AVE | 36 | 0 | 0.23 | 0 | No | No |
| 301 244TH ST | 29 | 0 | 0.23 | 0 | No | No |
| 305 244TH ST | 54 | 0 | 0.23 | 0 | No | No |
| 311 244TH ST | 71 | 7 | 0.36 | 3 | Yes | No |
| 317 244TH ST | 58 | 1 | 0.23 | 0 | No | No |
| 321 244TH ST | 40 | 3 | 0.31 | 3 | Yes | No |
| 327 244TH ST | 12 | 0 | 0.23 | 0 | No | No |
| 331 244TH ST | 28 | 0 | 0.23 | 0 | No | No |
| 337 244TH ST | 34 | 0 | 0.23 | 0 | No | No |
| 341 244TH ST | 48 | 9 | 0.57 | 9 | Yes | **Yes** |
| 344 249TH ST | 35 | 4 | 0.37 | 4 | Yes | No |
| 345 249TH ST | 93 | 43 | 3.47 | 43 | Yes | **Yes** |
| 347 244TH ST | 32 | 0 | 0.23 | 0 | No | No |
| 348 248TH ST | 49 | 0 | 0.23 | 0 | No | No |
| 348 249TH ST | 51 | 0 | 0.23 | 0 | No | No |
| 351 244TH ST | 32 | 0 | 0.23 | 0 | No | No |
| 352 249TH ST | 32 | 0 | 0.23 | 0 | No | No |
| 353 249TH ST | 32 | 1 | 0.29 | 1 | Yes | No |
| 354 248TH ST | 39 | 0 | 0.23 | 0 | No | No |
| 357 244TH ST | 40 | 0 | 0.23 | 0 | No | No |
| 357 249TH ST | 24 | 0 | 0.23 | 0 | No | No |
| 358 249TH ST | 43 | 0 | 0.23 | 0 | No | No |
| 360 248TH ST | 48 | 0 | 0.23 | 0 | No | No |
| 361 244TH ST | 23 | 6 | 0.76 | 6 | Yes | **Yes** |
| 362 249TH ST | 25 | 0 | 0.23 | 0 | No | No |
| 363 249TH ST | 27 | 0 | 0.23 | 0 | No | No |
| 364 248TH ST | 48 | 0 | 0.23 | 0 | No | No |
| 367 244TH ST | 13 | 1 | 0.27 | 1 | Yes | No |
| 367 249TH ST | 46 | 3 | 0.35 | 2 | Yes | No |
| 368 249TH ST | 55 | 0 | 0.23 | 0 | No | No |
| 373 249TH ST | 42 | 0 | 0.23 | 0 | No | No |
| 374 248TH ST | 120 | 0 | 0.23 | 0 | No | No |
| 374 249TH ST | 27 | 0 | 0.23 | 0 | No | No |
| 377 244TH ST | 32 | 0 | 0.23 | 0 | No | No |
| 377 249TH ST | 33 | 0 | 0.23 | 0 | No | No |
| 378 249TH ST | 41 | 0 | 0.23 | 0 | No | No |
| 383 249TH ST | 32 | 0 | 0.23 | 0 | No | No |
| 402 249TH ST | 32 | 0 | 0.23 | 0 | No | No |
| 408 249TH ST | 24 | 0 | 0.23 | 0 | No | No |
| 412 249TH ST | 77 | 64 | 3.17 | 64 | Yes | **Yes** |
| 24703 PANAMA AVE | 62 | 0 | 0.16 | 0 | No | No |
| 24808 PANAMA AVE | 20 | 0 | 0.159 | 0 | No | No |

**Table 5-2.8**
**Summary of Background Analysis for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Vanadium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (45.66 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24401 MARBELLA AVE | 33 | 33 | 57.6 | 5 | Yes | **Yes** |
| 24402 NEPTUNE AVE | 48 | 48 | 49.1 | 1 | Yes | No |
| 24402 PANAMA AVE | 127 | 127 | 58.7 | 21 | Yes | **Yes** |
| 24402 RAVENNA AVE | 40 | 40 | 52.1 | 3 | Yes | No |
| 24403 NEPTUNE AVE | 46 | 46 | 73.5 | 4 | Yes | No |
| 24403 RAVENNA AVE | 62 | 62 | 48.3 | 3 | Yes | No |
| 24405 MARBELLA AVE | 25 | 25 | 55.6 | 2 | Yes | No |
| 24406 MARBELLA AVE | 40 | 40 | 46.3 | 1 | Yes | No |
| 24406 NEPTUNE AVE | 28 | 28 | 46.8 | 1 | Yes | No |
| 24406 PANAMA AVE | 23 | 23 | 46.8 | 1 | Yes | No |
| 24406 RAVENNA AVE | 26 | 26 | 42.2 | 0 | No | No |
| 24409 NEPTUNE AVE | 24 | 24 | 41.4 | 0 | No | No |
| 24409 RAVENNA AVE | 33 | 33 | 43.5 | 0 | No | No |
| 24410 PANAMA AVE | 33 | 33 | 59.9 | 1 | Yes | No |
| 24411 MARBELLA AVE | 69 | 69 | 55.1 | 6 | Yes | No |
| 24411 PANAMA AVE | 37 | 37 | 49.2 | 3 | Yes | No |
| 24412 MARBELLA AVE | 31 | 31 | 61.9 | 5 | Yes | **Yes** |
| 24412 RAVENNA AVE | 61 | 61 | 48.5 | 3 | Yes | No |
| 24413 NEPTUNE AVE | 24 | 24 | 42 | 0 | No | No |
| 24413 RAVENNA AVE | 28 | 28 | 57.3 | 1 | Yes | No |
| 24416 MARBELLA AVE | 50 | 50 | 67.1 | 7 | Yes | **Yes** |
| 24416 NEPTUNE AVE | 21 | 21 | 39.5 | 0 | No | No |
| 24416 PANAMA AVE | 33 | 33 | 46.1 | 1 | Yes | No |
| 24416 RAVENNA AVE | 42 | 42 | 43.5 | 0 | No | No |
| 24417 MARBELLA AVE | 8 | 8 | 49.7 | 2 | Yes | No |
| 24417 PANAMA AVE | 47 | 47 | 45.7 | 1 | Yes | No |
| 24419 NEPTUNE AVE | 32 | 32 | 41.2 | 0 | No | No |
| 24419 RAVENNA AVE | 32 | 32 | 40.3 | 0 | No | No |
| 24420 PANAMA AVE | 33 | 33 | 42.7 | 0 | No | No |
| 24421 PANAMA AVE | 30 | 30 | 43.8 | 0 | No | No |
| 24422 MARBELLA AVE | 43 | 43 | 39 | 0 | No | No |
| 24422 NEPTUNE AVE | 36 | 36 | 42.2 | 0 | No | No |
| 24422 RAVENNA AVE | 29 | 29 | 49.1 | 1 | Yes | No |
| 24423 MARBELLA AVE | 13 | 13 | 54.6 | 2 | Yes | No |
| 24423 NEPTUNE AVE | 37 | 37 | 42.6 | 0 | No | No |
| 24423 RAVENNA AVE | 40 | 40 | 39 | 0 | No | No |
| 24426 MARBELLA AVE | 24 | 24 | 39.6 | 0 | No | No |
| 24426 NEPTUNE AVE | 30 | 30 | 42.5 | 0 | No | No |
| 24426 PANAMA AVE | 30 | 30 | 45.1 | 0 | No | No |
| 24426 RAVENNA AVE | 49 | 49 | 47.6 | 3 | Yes | No |
| 24427 MARBELLA AVE | 25 | 25 | 53.2 | 9 | Yes | **Yes** |
| 24427 PANAMA AVE | 38 | 38 | 47.4 | 1 | Yes | No |
| 24429 NEPTUNE AVE | 19 | 19 | 40.3 | 0 | No | No |
| 24429 RAVENNA AVE | 29 | 29 | 45.3 | 0 | No | No |
| 24430 PANAMA AVE | 30 | 30 | 49.5 | 2 | Yes | No |
| 24431 PANAMA AVE | 35 | 35 | 52.6 | 2 | Yes | No |
| 24432 MARBELLA AVE | 67 | 67 | 45.6 | 0 | No | No |
| 24433 MARBELLA AVE | 27 | 27 | 63.5 | 4 | Yes | **Yes** |
| 24436 PANAMA AVE | 35 | 35 | 39.6 | 0 | No | No |
| 24502 MARBELLA AVE | 51 | 51 | 72.7 | 4 | Yes | No |
| 24502 NEPTUNE AVE | 58 | 58 | 34.7 | 0 | No | No |
| 24502 PANAMA AVE | 48 | 48 | 49.2 | 1 | Yes | No |
| 24502 RAVENNA AVE | 44 | 44 | 36.1 | 0 | No | No |
| 24503 MARBELLA AVE | 29 | 29 | 48.9 | 6 | Yes | **Yes** |

**Table 5-2.8**
**Summary of Background Analysis for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Vanadium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (45.66 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24503 NEPTUNE AVE | 60 | 60 | 46.8 | 2 | Yes | No |
| 24503 PANAMA AVE | 28 | 28 | 43.3 | 0 | No | No |
| 24503 RAVENNA AVE | 34 | 34 | 43 | 0 | No | No |
| 24506 MARBELLA AVE | 36 | 36 | 82.1 | 2 | Yes | No |
| 24507 MARBELLA AVE | 36 | 36 | 79.2 | 12 | Yes | **Yes** |
| 24508 NEPTUNE AVE | 40 | 40 | 41 | 0 | No | No |
| 24508 PANAMA AVE | 24 | 24 | 36.7 | 0 | No | No |
| 24508 RAVENNA AVE | 39 | 39 | 42.7 | 0 | No | No |
| 24509 NEPTUNE AVE | 31 | 31 | 41.2 | 0 | No | No |
| 24509 PANAMA AVE | 47 | 47 | 38.7 | 0 | No | No |
| 24509 RAVENNA AVE | 37 | 37 | 47.5 | 1 | Yes | No |
| 24512 MARBELLA AVE | 48 | 48 | 54.7 | 9 | Yes | **Yes** |
| 24512 NEPTUNE AVE | 36 | 36 | 57.2 | 1 | Yes | No |
| 24512 PANAMA AVE | 28 | 28 | 35.5 | 0 | No | No |
| 24512 RAVENNA AVE | 56 | 56 | 46.5 | 1 | Yes | No |
| 24513 NEPTUNE AVE | 37 | 37 | 46.9 | 1 | Yes | No |
| 24513 PANAMA AVE | 51 | 51 | 62.9 | 1 | Yes | No |
| 24513 RAVENNA AVE | 30 | 30 | 42.6 | 0 | No | No |
| 24516 MARBELLA AVE | 30 | 30 | 48.3 | 1 | Yes | No |
| 24517 MARBELLA AVE | 12 | 12 | 63 | 4 | Yes | **Yes** |
| 24518 NEPTUNE AVE | 45 | 45 | 43.7 | 0 | No | No |
| 24518 PANAMA AVE | 42 | 42 | 36.8 | 0 | No | No |
| 24518 RAVENNA AVE | 30 | 30 | 39.9 | 0 | No | No |
| 24519 NEPTUNE AVE | 35 | 35 | 41.7 | 0 | No | No |
| 24519 PANAMA AVE | 30 | 30 | 38.8 | 0 | No | No |
| 24522 MARBELLA AVE | 27 | 27 | 55.9 | 7 | Yes | **Yes** |
| 24522 NEPTUNE AVE | 28 | 28 | 43.4 | 0 | No | No |
| 24522 PANAMA AVE | 36 | 36 | 40.6 | 0 | No | No |
| 24522 RAVENNA AVE | 35 | 35 | 38 | 0 | No | No |
| 24523 MARBELLA AVE | 45 | 45 | 50.1 | 2 | Yes | No |
| 24523 NEPTUNE AVE | 37 | 37 | 53.7 | 4 | Yes | No |
| 24523 RAVENNA AVE | 17 | 17 | 36 | 0 | No | No |
| 24526 MARBELLA AVE | 36 | 36 | 51.2 | 2 | Yes | No |
| 24528 NEPTUNE AVE | 31 | 31 | 40.1 | 0 | No | No |
| 24528 PANAMA AVE | 39 | 39 | 33 | 0 | No | No |
| 24529 NEPTUNE AVE | 32 | 32 | 47.5 | 3 | Yes | No |
| 24529 PANAMA AVE | 24 | 24 | 35 | 0 | No | No |
| 24529 RAVENNA AVE | 26 | 26 | 42.3 | 0 | No | No |
| 24532 MARBELLA AVE | 27 | 27 | 86 | 3 | Yes | No |
| 24532 NEPTUNE AVE | 21 | 21 | 60.6 | 1 | Yes | No |
| 24532 PANAMA AVE | 23 | 23 | 29.2 | 0 | No | No |
| 24532 RAVENNA AVE | 29 | 29 | 40.5 | 0 | No | No |
| 24533 MARBELLA AVE | 25 | 25 | 70.6 | 1 | Yes | No |
| 24533 PANAMA AVE | 29 | 29 | 36 | 0 | No | No |
| 24533 RAVENNA AVE | 52 | 52 | 38 | 0 | No | No |
| 24602 MARBELLA AVE | 34 | 34 | 72.3 | 7 | Yes | **Yes** |
| 24602 NEPTUNE AVE | 33 | 33 | 38.3 | 0 | No | No |
| 24602 PANAMA AVE | 40 | 40 | 46.7 | 1 | Yes | No |
| 24602 RAVENNA AVE | 28 | 28 | 47 | 1 | Yes | No |
| 24603 MARBELLA AVE | 26 | 26 | 59.2 | 10 | Yes | **Yes** |
| 24603 NEPTUNE AVE | 49 | 49 | 43.1 | 0 | No | No |
| 24603 PANAMA AVE | 30 | 30 | 41.7 | 0 | No | No |
| 24603 RAVENNA AVE | 31 | 31 | 36.5 | 0 | No | No |
| 24606 MARBELLA AVE | 63 | 63 | 53 | 6 | Yes | No |

**Table 5-2.8**
**Summary of Background Analysis for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Vanadium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (45.66 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24607 MARBELLA AVE | 31 | 31 | 56.1 | 2 | Yes | No |
| 24608 NEPTUNE AVE | 37 | 37 | 35.6 | 0 | No | No |
| 24608 PANAMA AVE | 22 | 22 | 58.8 | 1 | Yes | No |
| 24608 RAVENNA AVE | 40 | 40 | 39.2 | 0 | No | No |
| 24609 NEPTUNE AVE | 30 | 30 | 43.8 | 0 | No | No |
| 24609 PANAMA AVE | 34 | 34 | 38.9 | 0 | No | No |
| 24609 RAVENNA AVE | 45 | 45 | 36 | 0 | No | No |
| 24612 MARBELLA AVE | 51 | 51 | 52.5 | 5 | Yes | No |
| 24612 NEPTUNE AVE | 47 | 47 | 36.4 | 0 | No | No |
| 24612 PANAMA AVE | 33 | 33 | 37.5 | 0 | No | No |
| 24612 RAVENNA AVE | 46 | 46 | 48.2 | 2 | Yes | No |
| 24613 MARBELLA AVE | 52 | 52 | 68.5 | 13 | Yes | **Yes** |
| 24613 NEPTUNE AVE | 39 | 39 | 42 | 0 | No | No |
| 24613 PANAMA AVE | 51 | 51 | 44.2 | 0 | No | No |
| 24613 RAVENNA AVE | 33 | 33 | 35.6 | 0 | No | No |
| 24616 MARBELLA AVE | 46 | 46 | 51.5 | 3 | Yes | No |
| 24617 MARBELLA AVE | 34 | 34 | 63.7 | 19 | Yes | **Yes** |
| 24618 NEPTUNE AVE | 26 | 26 | 34.3 | 0 | No | No |
| 24618 PANAMA AVE | 28 | 28 | 39.1 | 0 | No | No |
| 24618 RAVENNA AVE | 40 | 40 | 35.1 | 0 | No | No |
| 24619 NEPTUNE AVE | 28 | 28 | 42.3 | 0 | No | No |
| 24619 PANAMA AVE | 38 | 38 | 35.8 | 0 | No | No |
| 24619 RAVENNA AVE | 35 | 35 | 32.2 | 0 | No | No |
| 24622 MARBELLA AVE | 53 | 53 | 50.1 | 6 | Yes | **Yes** |
| 24622 NEPTUNE AVE | 34 | 34 | 37 | 0 | No | No |
| 24623 MARBELLA AVE | 32 | 32 | 67.1 | 8 | Yes | **Yes** |
| 24623 NEPTUNE AVE | 36 | 36 | 40.5 | 0 | No | No |
| 24627 MARBELLA AVE | 48 | 48 | 75.2 | 13 | Yes | **Yes** |
| 24628 MARBELLA AVE | 52 | 52 | 55.6 | 6 | Yes | **Yes** |
| 24628 NEPTUNE AVE | 18 | 18 | 34.6 | 0 | No | No |
| 24629 NEPTUNE AVE | 39 | 39 | 38.4 | 0 | No | No |
| 24632 NEPTUNE AVE | 20 | 20 | 42.1 | 0 | No | No |
| 24633 MARBELLA AVE | 40 | 40 | 82.2 | 3 | Yes | No |
| 24700 MARBELLA AVE | 46 | 46 | 45.7 | 1 | Yes | No |
| 24700 RAVENNA AVE | 56 | 56 | 40.3 | 0 | No | No |
| 24702 NEPTUNE AVE | 46 | 46 | 36.1 | 0 | No | No |
| 24702 PANAMA AVE | 30 | 30 | 38.7 | 0 | No | No |
| 24703 MARBELLA AVE | 36 | 36 | 49.9 | 4 | Yes | No |
| 24703 NEPTUNE AVE | 39 | 39 | 42.9 | 0 | No | No |
| 24703 RAVENNA AVE | 53 | 53 | 37.7 | 0 | No | No |
| 24706 MARBELLA AVE | 43 | 43 | 42.3 | 0 | No | No |
| 24706 RAVENNA AVE | 33 | 33 | 40 | 0 | No | No |
| 24707 MARBELLA AVE | 37 | 37 | 47.9 | 1 | Yes | No |
| 24708 PANAMA AVE | 37 | 37 | 42.1 | 0 | No | No |
| 24709 NEPTUNE AVE | 37 | 37 | 38.6 | 0 | No | No |
| 24709 PANAMA AVE | 43 | 43 | 31.8 | 0 | No | No |
| 24709 RAVENNA AVE | 52 | 52 | 35.7 | 0 | No | No |
| 24710 MARBELLA AVE | 43 | 43 | 51 | 1 | Yes | No |
| 24712 NEPTUNE AVE | 32 | 32 | 37.1 | 0 | No | No |
| 24712 PANAMA AVE | 27 | 27 | 38.8 | 0 | No | No |
| 24712 RAVENNA AVE | 45 | 45 | 34.9 | 0 | No | No |
| 24713 MARBELLA AVE | 37 | 37 | 45.4 | 0 | No | No |
| 24713 PANAMA AVE | 34 | 34 | 40 | 0 | No | No |
| 24713 RAVENNA AVE | 35 | 35 | 36.2 | 0 | No | No |

**Table 5-2.8**
**Summary of Background Analysis for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Vanadium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (45.66 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24715 NEPTUNE AVE | 37 | 37 | 38.6 | 0 | No | No |
| 24716 MARBELLA AVE | 30 | 30 | 42.1 | 0 | No | No |
| 24716 RAVENNA AVE | 15 | 15 | 29.8 | 0 | No | No |
| 24717 MARBELLA AVE | 38 | 38 | 41.2 | 0 | No | No |
| 24718 NEPTUNE AVE | 65 | 65 | 36.3 | 0 | No | No |
| 24718 PANAMA AVE | 33 | 33 | 35.4 | 0 | No | No |
| 24719 NEPTUNE AVE | 33 | 33 | 39.1 | 0 | No | No |
| 24719 PANAMA AVE | 28 | 28 | 38.6 | 0 | No | No |
| 24719 RAVENNA AVE | 45 | 45 | 34.9 | 0 | No | No |
| 24722 MARBELLA AVE | 34 | 34 | 42.8 | 0 | No | No |
| 24722 NEPTUNE AVE | 40 | 40 | 31.2 | 0 | No | No |
| 24722 PANAMA AVE | 18 | 18 | 35.8 | 0 | No | No |
| 24722 RAVENNA AVE | 41 | 41 | 33.8 | 0 | No | No |
| 24723 MARBELLA AVE | 22 | 22 | 40.9 | 0 | No | No |
| 24723 RAVENNA AVE | 37 | 37 | 31.6 | 0 | No | No |
| 24725 NEPTUNE AVE | 35 | 35 | 31.3 | 0 | No | No |
| 24726 MARBELLA AVE | 49 | 49 | 53 | 2 | Yes | No |
| 24726 RAVENNA AVE | 37 | 37 | 33.3 | 0 | No | No |
| 24727 MARBELLA AVE | 40 | 40 | 47.6 | 1 | Yes | No |
| 24728 NEPTUNE AVE | 33 | 33 | 34.7 | 0 | No | No |
| 24728 PANAMA AVE | 31 | 31 | 34 | 0 | No | No |
| 24729 NEPTUNE AVE | 35 | 35 | 37.6 | 0 | No | No |
| 24729 PANAMA AVE | 34 | 34 | 40.1 | 0 | No | No |
| 24729 RAVENNA AVE | 16 | 16 | 36.4 | 0 | No | No |
| 24732 MARBELLA AVE | 37 | 37 | 43.7 | 0 | No | No |
| 24732 NEPTUNE AVE | 35 | 35 | 35.5 | 0 | No | No |
| 24732 PANAMA AVE | 33 | 33 | 39 | 0 | No | No |
| 24732 RAVENNA AVE | 42 | 42 | 32.1 | 0 | No | No |
| 24733 MARBELLA AVE | 32 | 32 | 43.4 | 0 | No | No |
| 24733 PANAMA AVE | 38 | 38 | 38.5 | 0 | No | No |
| 24733 RAVENNA AVE | 40 | 40 | 33.3 | 0 | No | No |
| 24735 NEPTUNE AVE | 36 | 36 | 35.1 | 0 | No | No |
| 24736 MARBELLA AVE | 52 | 52 | 43.7 | 0 | No | No |
| 24736 RAVENNA AVE | 43 | 43 | 31.8 | 0 | No | No |
| 24737 MARBELLA AVE | 28 | 28 | 39.7 | 0 | No | No |
| 24738 NEPTUNE AVE | 51 | 51 | 34.6 | 0 | No | No |
| 24738 PANAMA AVE | 32 | 32 | 42.3 | 0 | No | No |
| 24739 NEPTUNE AVE | 41 | 41 | 34.9 | 0 | No | No |
| 24739 PANAMA AVE | 43 | 43 | 37 | 0 | No | No |
| 24739 RAVENNA AVE | 42 | 42 | 35.6 | 0 | No | No |
| 24740 MARBELLA AVE | 64 | 64 | 36.9 | 0 | No | No |
| 24741 MARBELLA AVE | 12 | 12 | 35.3 | 0 | No | No |
| 24743 RAVENNA AVE | 42 | 42 | 33.6 | 0 | No | No |
| 24744 MARBELLA AVE | 25 | 25 | 43 | 0 | No | No |
| 24748 RAVENNA AVE | 24 | 24 | 34.3 | 0 | No | No |
| 24749 RAVENNA AVE | 43 | 43 | 40.7 | 0 | No | No |
| 24752 RAVENNA AVE | 45 | 45 | 33 | 0 | No | No |
| 24802 PANAMA AVE | 52 | 52 | 33.4 | 0 | No | No |
| 24803 NEPTUNE AVE | 32 | 32 | 32.5 | 0 | No | No |
| 24803 PANAMA AVE | 18 | 18 | 35.4 | 0 | No | No |
| 24809 NEPTUNE AVE | 27 | 27 | 32.1 | 0 | No | No |
| 24809 PANAMA AVE | 36 | 36 | 38.3 | 0 | No | No |
| 24812 PANAMA AVE | 29 | 29 | 31.5 | 0 | No | No |
| 24813 PANAMA AVE | 15 | 15 | 38.8 | 0 | No | No |

**Table 5-2.8**
**Summary of Background Analysis for Vanadium**
**Former Kast Property**
**Carson, CA**

| Location ID | Vanadium (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (45.66 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24815 NEPTUNE AVE | 30 | 30 | 31.9 | 0 | No | No |
| 24818 PANAMA AVE | 34 | 34 | 30.6 | 0 | No | No |
| 24819 PANAMA AVE | 34 | 34 | 36.1 | 0 | No | No |
| 24822 PANAMA AVE | 43 | 43 | 33.4 | 0 | No | No |
| 24823 PANAMA AVE | 39 | 39 | 33.4 | 0 | No | No |
| 24825 NEPTUNE AVE | 98 | 98 | 35.1 | 0 | No | No |
| 24828 PANAMA AVE | 36 | 36 | 33.5 | 0 | No | No |
| 24829 PANAMA AVE | 48 | 48 | 36.7 | 0 | No | No |
| 24832 PANAMA AVE | 38 | 38 | 33.4 | 0 | No | No |
| 24833 PANAMA AVE | 43 | 43 | 39.2 | 0 | No | No |
| 24838 PANAMA AVE | 28 | 28 | 32 | 0 | No | No |
| 24904 NEPTUNE AVE | 74 | 74 | 33.7 | 0 | No | No |
| 24912 NEPTUNE AVE | 36 | 36 | 36.2 | 0 | No | No |
| 301 244TH ST | 29 | 29 | 48.4 | 3 | Yes | No |
| 305 244TH ST | 54 | 54 | 59.1 | 5 | Yes | No |
| 311 244TH ST | 71 | 71 | 54.4 | 8 | Yes | **Yes** |
| 317 244TH ST | 58 | 58 | 51 | 2 | Yes | No |
| 321 244TH ST | 40 | 40 | 71.5 | 13 | Yes | **Yes** |
| 327 244TH ST | 12 | 12 | 51.9 | 4 | Yes | **Yes** |
| 331 244TH ST | 28 | 28 | 59.8 | 6 | Yes | **Yes** |
| 337 244TH ST | 34 | 34 | 50.9 | 6 | Yes | **Yes** |
| 341 244TH ST | 48 | 48 | 60.4 | 3 | Yes | No |
| 344 249TH ST | 35 | 35 | 39.5 | 0 | No | No |
| 345 249TH ST | 93 | 93 | 39.1 | 0 | No | No |
| 347 244TH ST | 32 | 32 | 45.5 | 0 | No | No |
| 348 248TH ST | 49 | 49 | 33.6 | 0 | No | No |
| 348 249TH ST | 51 | 51 | 38.7 | 0 | No | No |
| 351 244TH ST | 32 | 32 | 42.4 | 0 | No | No |
| 352 249TH ST | 32 | 32 | 33.2 | 0 | No | No |
| 353 249TH ST | 32 | 32 | 33.6 | 0 | No | No |
| 354 248TH ST | 39 | 39 | 34.1 | 0 | No | No |
| 357 244TH ST | 40 | 40 | 44.2 | 0 | No | No |
| 357 249TH ST | 24 | 24 | 32.1 | 0 | No | No |
| 358 249TH ST | 43 | 43 | 31.7 | 0 | No | No |
| 360 248TH ST | 48 | 48 | 47.8 | 1 | Yes | No |
| 361 244TH ST | 23 | 23 | 51 | 1 | Yes | No |
| 362 249TH ST | 25 | 25 | 38.6 | 0 | No | No |
| 363 249TH ST | 27 | 27 | 30.6 | 0 | No | No |
| 364 248TH ST | 48 | 48 | 31.7 | 0 | No | No |
| 367 244TH ST | 13 | 13 | 45.7 | 1 | Yes | No |
| 367 249TH ST | 46 | 46 | 32.4 | 0 | No | No |
| 368 249TH ST | 55 | 55 | 36.3 | 0 | No | No |
| 373 249TH ST | 42 | 42 | 31.4 | 0 | No | No |
| 374 248TH ST | 120 | 120 | 33.9 | 0 | No | No |
| 374 249TH ST | 27 | 27 | 36.3 | 0 | No | No |
| 377 244TH ST | 32 | 32 | 44.8 | 0 | No | No |
| 377 249TH ST | 33 | 33 | 28.8 | 0 | No | No |
| 378 249TH ST | 41 | 41 | 35 | 0 | No | No |
| 383 249TH ST | 32 | 32 | 24.8 | 0 | No | No |
| 402 249TH ST | 32 | 32 | 35.5 | 0 | No | No |
| 408 249TH ST | 24 | 24 | 34.5 | 0 | No | No |
| 412 249TH ST | 77 | 77 | 70.7 | 1 | Yes | No |
| 24703 PANAMA AVE | 62 | 62 | 44.2 | 0 | No | No |
| 24808 PANAMA AVE | 20 | 20 | 36.2 | 0 | No | No |

**Table 5-2.9**
**Summary of Background Analysis for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Zinc (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (291 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24401 MARBELLA AVE | 33 | 33 | 85.7 | 0 | No | No |
| 24402 NEPTUNE AVE | 48 | 48 | 106 | 0 | No | No |
| 24402 PANAMA AVE | 127 | 127 | 93.6 | 0 | No | No |
| 24402 RAVENNA AVE | 40 | 40 | 104 | 0 | No | No |
| 24403 NEPTUNE AVE | 46 | 46 | 109 | 0 | No | No |
| 24403 RAVENNA AVE | 62 | 62 | 106 | 0 | No | No |
| 24405 MARBELLA AVE | 25 | 25 | 75.1 | 0 | No | No |
| 24406 MARBELLA AVE | 40 | 40 | 107 | 0 | No | No |
| 24406 NEPTUNE AVE | 28 | 28 | 99.3 | 0 | No | No |
| 24406 PANAMA AVE | 23 | 23 | 125 | 0 | No | No |
| 24406 RAVENNA AVE | 26 | 26 | 62.5 | 0 | No | No |
| 24409 NEPTUNE AVE | 24 | 24 | 166 | 0 | No | No |
| 24409 RAVENNA AVE | 33 | 33 | 447 | 1 | Yes | No |
| 24410 PANAMA AVE | 33 | 33 | 93 | 0 | No | No |
| 24411 MARBELLA AVE | 69 | 69 | 107 | 0 | No | No |
| 24411 PANAMA AVE | 37 | 37 | 288 | 0 | No | No |
| 24412 MARBELLA AVE | 31 | 31 | 477 | 1 | Yes | No |
| 24412 RAVENNA AVE | 61 | 61 | 88.3 | 0 | No | No |
| 24413 NEPTUNE AVE | 24 | 24 | 140 | 0 | No | No |
| 24413 RAVENNA AVE | 28 | 28 | 188 | 0 | No | No |
| 24416 MARBELLA AVE | 50 | 50 | 149 | 0 | No | No |
| 24416 NEPTUNE AVE | 21 | 21 | 45.3 | 0 | No | No |
| 24416 PANAMA AVE | 33 | 33 | 135 | 0 | No | No |
| 24416 RAVENNA AVE | 42 | 42 | 180 | 0 | No | No |
| 24417 MARBELLA AVE | 8 | 8 | 80.4 | 0 | No | No |
| 24417 PANAMA AVE | 47 | 47 | 64.7 | 0 | No | No |
| 24419 NEPTUNE AVE | 32 | 32 | 142 | 0 | No | No |
| 24419 RAVENNA AVE | 32 | 32 | 83.6 | 0 | No | No |
| 24420 PANAMA AVE | 33 | 33 | 143 | 0 | No | No |
| 24421 PANAMA AVE | 30 | 30 | 242 | 0 | No | No |
| 24422 MARBELLA AVE | 43 | 43 | 127 | 0 | No | No |
| 24422 NEPTUNE AVE | 36 | 36 | 115 | 0 | No | No |
| 24422 RAVENNA AVE | 29 | 29 | 56.1 | 0 | No | No |
| 24423 MARBELLA AVE | 13 | 13 | 185 | 0 | No | No |
| 24423 NEPTUNE AVE | 37 | 37 | 81.1 | 0 | No | No |
| 24423 RAVENNA AVE | 40 | 40 | 57.3 | 0 | No | No |
| 24426 MARBELLA AVE | 24 | 24 | 161 | 0 | No | No |
| 24426 NEPTUNE AVE | 30 | 30 | 73.3 | 0 | No | No |
| 24426 PANAMA AVE | 30 | 30 | 101 | 0 | No | No |
| 24426 RAVENNA AVE | 49 | 49 | 82 | 0 | No | No |
| 24427 MARBELLA AVE | 25 | 25 | 82.8 | 0 | No | No |
| 24427 PANAMA AVE | 38 | 38 | 248 | 0 | No | No |
| 24429 NEPTUNE AVE | 19 | 19 | 71.2 | 0 | No | No |
| 24429 RAVENNA AVE | 29 | 29 | 84.3 | 0 | No | No |
| 24430 PANAMA AVE | 30 | 30 | 178 | 0 | No | No |
| 24431 PANAMA AVE | 35 | 35 | 119 | 0 | No | No |
| 24432 MARBELLA AVE | 67 | 67 | 108 | 0 | No | No |
| 24433 MARBELLA AVE | 27 | 27 | 113 | 0 | No | No |
| 24436 PANAMA AVE | 35 | 35 | 65.8 | 0 | No | No |
| 24502 MARBELLA AVE | 51 | 51 | 81.5 | 0 | No | No |
| 24502 NEPTUNE AVE | 58 | 58 | 48.1 | 0 | No | No |
| 24502 PANAMA AVE | 48 | 48 | 47.2 | 0 | No | No |
| 24502 RAVENNA AVE | 44 | 44 | 65.1 | 0 | No | No |
| 24503 MARBELLA AVE | 29 | 29 | 76.9 | 0 | No | No |

**Table 5-2.9**
**Summary of Background Analysis for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Zinc (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (291 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24503 NEPTUNE AVE | 60 | 60 | 86 | 0 | No | No |
| 24503 PANAMA AVE | 28 | 28 | 52.1 | 0 | No | No |
| 24503 RAVENNA AVE | 34 | 34 | 113 | 0 | No | No |
| 24506 MARBELLA AVE | 36 | 36 | 94.4 | 0 | No | No |
| 24507 MARBELLA AVE | 36 | 36 | 78 | 0 | No | No |
| 24508 NEPTUNE AVE | 40 | 40 | 64.4 | 0 | No | No |
| 24508 PANAMA AVE | 24 | 24 | 47.1 | 0 | No | No |
| 24508 RAVENNA AVE | 39 | 39 | 163 | 0 | No | No |
| 24509 NEPTUNE AVE | 31 | 31 | 87.4 | 0 | No | No |
| 24509 PANAMA AVE | 47 | 47 | 189 | 0 | No | No |
| 24509 RAVENNA AVE | 37 | 37 | 146 | 0 | No | No |
| 24512 MARBELLA AVE | 48 | 48 | 69.4 | 0 | No | No |
| 24512 NEPTUNE AVE | 36 | 36 | 103 | 0 | No | No |
| 24512 PANAMA AVE | 28 | 28 | 46.5 | 0 | No | No |
| 24512 RAVENNA AVE | 56 | 56 | 82.4 | 0 | No | No |
| 24513 NEPTUNE AVE | 37 | 37 | 96.2 | 0 | No | No |
| 24513 PANAMA AVE | 51 | 51 | 52.9 | 0 | No | No |
| 24513 RAVENNA AVE | 30 | 30 | 89.7 | 0 | No | No |
| 24516 MARBELLA AVE | 30 | 30 | 64.6 | 0 | No | No |
| 24517 MARBELLA AVE | 12 | 12 | 94.7 | 0 | No | No |
| 24518 NEPTUNE AVE | 45 | 45 | 61.1 | 0 | No | No |
| 24518 PANAMA AVE | 42 | 42 | 346 | 1 | Yes | No |
| 24518 RAVENNA AVE | 30 | 30 | 84.3 | 0 | No | No |
| 24519 NEPTUNE AVE | 35 | 35 | 1240 | 1 | Yes | No |
| 24519 PANAMA AVE | 30 | 30 | 87.5 | 0 | No | No |
| 24522 MARBELLA AVE | 27 | 27 | 69 | 0 | No | No |
| 24522 NEPTUNE AVE | 28 | 28 | 56.8 | 0 | No | No |
| 24522 PANAMA AVE | 36 | 36 | 51.2 | 0 | No | No |
| 24522 RAVENNA AVE | 35 | 35 | 52.4 | 0 | No | No |
| 24523 MARBELLA AVE | 45 | 45 | 106 | 0 | No | No |
| 24523 NEPTUNE AVE | 37 | 37 | 86.1 | 0 | No | No |
| 24523 RAVENNA AVE | 17 | 17 | 409 | 1 | Yes | No |
| 24526 MARBELLA AVE | 36 | 36 | 79.4 | 0 | No | No |
| 24528 NEPTUNE AVE | 31 | 31 | 47 | 0 | No | No |
| 24528 PANAMA AVE | 39 | 39 | 55.9 | 0 | No | No |
| 24529 NEPTUNE AVE | 32 | 32 | 86.5 | 0 | No | No |
| 24529 PANAMA AVE | 24 | 24 | 47.5 | 0 | No | No |
| 24529 RAVENNA AVE | 26 | 26 | 195 | 0 | No | No |
| 24532 MARBELLA AVE | 27 | 27 | 86.3 | 0 | No | No |
| 24532 NEPTUNE AVE | 21 | 21 | 121 | 0 | No | No |
| 24532 PANAMA AVE | 23 | 23 | 95 | 0 | No | No |
| 24532 RAVENNA AVE | 29 | 29 | 41.6 | 0 | No | No |
| 24533 MARBELLA AVE | 25 | 25 | 480 | 1 | Yes | No |
| 24533 PANAMA AVE | 29 | 29 | 297 | 1 | Yes | No |
| 24533 RAVENNA AVE | 52 | 52 | 88.9 | 0 | No | No |
| 24602 MARBELLA AVE | 34 | 34 | 73 | 0 | No | No |
| 24602 NEPTUNE AVE | 33 | 33 | 56.9 | 0 | No | No |
| 24602 PANAMA AVE | 40 | 40 | 79.3 | 0 | No | No |
| 24602 RAVENNA AVE | 28 | 28 | 43.4 | 0 | No | No |
| 24603 MARBELLA AVE | 26 | 26 | 111 | 0 | No | No |
| 24603 NEPTUNE AVE | 49 | 49 | 83.8 | 0 | No | No |
| 24603 PANAMA AVE | 30 | 30 | 42.9 | 0 | No | No |
| 24603 RAVENNA AVE | 31 | 31 | 84.7 | 0 | No | No |
| 24606 MARBELLA AVE | 63 | 63 | 71.9 | 0 | No | No |

**Table 5-2.9**
**Summary of Background Analysis for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Zinc (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (291 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24607 MARBELLA AVE | 31 | 31 | 148 | 0 | No | No |
| 24608 NEPTUNE AVE | 37 | 37 | 160 | 0 | No | No |
| 24608 PANAMA AVE | 22 | 22 | 62.3 | 0 | No | No |
| 24608 RAVENNA AVE | 40 | 40 | 91 | 0 | No | No |
| 24609 NEPTUNE AVE | 30 | 30 | 63 | 0 | No | No |
| 24609 PANAMA AVE | 34 | 34 | 50.5 | 0 | No | No |
| 24609 RAVENNA AVE | 45 | 45 | 81 | 0 | No | No |
| 24612 MARBELLA AVE | 51 | 51 | 176 | 0 | No | No |
| 24612 NEPTUNE AVE | 47 | 47 | 140 | 0 | No | No |
| 24612 PANAMA AVE | 33 | 33 | 43.8 | 0 | No | No |
| 24612 RAVENNA AVE | 46 | 46 | 174 | 0 | No | No |
| 24613 MARBELLA AVE | 52 | 52 | 66.8 | 0 | No | No |
| 24613 NEPTUNE AVE | 39 | 39 | 85.5 | 0 | No | No |
| 24613 PANAMA AVE | 51 | 51 | 80.7 | 0 | No | No |
| 24613 RAVENNA AVE | 33 | 33 | 47.6 | 0 | No | No |
| 24616 MARBELLA AVE | 46 | 46 | 68.7 | 0 | No | No |
| 24617 MARBELLA AVE | 34 | 34 | 104 | 0 | No | No |
| 24618 NEPTUNE AVE | 26 | 26 | 60.5 | 0 | No | No |
| 24618 PANAMA AVE | 28 | 28 | 52.6 | 0 | No | No |
| 24618 RAVENNA AVE | 40 | 40 | 37.2 | 0 | No | No |
| 24619 NEPTUNE AVE | 28 | 28 | 69.8 | 0 | No | No |
| 24619 PANAMA AVE | 38 | 38 | 42.5 | 0 | No | No |
| 24619 RAVENNA AVE | 35 | 35 | 42.9 | 0 | No | No |
| 24622 MARBELLA AVE | 53 | 53 | 146 | 0 | No | No |
| 24622 NEPTUNE AVE | 34 | 34 | 56.6 | 0 | No | No |
| 24623 MARBELLA AVE | 32 | 32 | 92.1 | 0 | No | No |
| 24623 NEPTUNE AVE | 36 | 36 | 115 | 0 | No | No |
| 24627 MARBELLA AVE | 48 | 48 | 100 | 0 | No | No |
| 24628 MARBELLA AVE | 52 | 52 | 89 | 0 | No | No |
| 24628 NEPTUNE AVE | 18 | 18 | 34.4 | 0 | No | No |
| 24629 NEPTUNE AVE | 39 | 39 | 126 | 0 | No | No |
| 24632 NEPTUNE AVE | 20 | 20 | 119 | 0 | No | No |
| 24633 MARBELLA AVE | 40 | 40 | 122 | 0 | No | No |
| 24700 MARBELLA AVE | 46 | 46 | 176 | 0 | No | No |
| 24700 RAVENNA AVE | 56 | 56 | 58 | 0 | No | No |
| 24702 NEPTUNE AVE | 46 | 46 | 139 | 0 | No | No |
| 24702 PANAMA AVE | 30 | 30 | 190 | 0 | No | No |
| 24703 MARBELLA AVE | 36 | 36 | 153 | 0 | No | No |
| 24703 NEPTUNE AVE | 39 | 39 | 75.4 | 0 | No | No |
| 24703 RAVENNA AVE | 53 | 53 | 69.8 | 0 | No | No |
| 24706 MARBELLA AVE | 43 | 43 | 145 | 0 | No | No |
| 24706 RAVENNA AVE | 33 | 33 | 63.8 | 0 | No | No |
| 24707 MARBELLA AVE | 37 | 37 | 58.3 | 0 | No | No |
| 24708 PANAMA AVE | 37 | 37 | 122 | 0 | No | No |
| 24709 NEPTUNE AVE | 37 | 37 | 123 | 0 | No | No |
| 24709 PANAMA AVE | 43 | 43 | 87.3 | 0 | No | No |
| 24709 RAVENNA AVE | 52 | 52 | 57.3 | 0 | No | No |
| 24710 MARBELLA AVE | 43 | 43 | 197 | 0 | No | No |
| 24712 NEPTUNE AVE | 32 | 32 | 138 | 0 | No | No |
| 24712 PANAMA AVE | 27 | 27 | 72.9 | 0 | No | No |
| 24712 RAVENNA AVE | 45 | 45 | 120 | 0 | No | No |
| 24713 MARBELLA AVE | 37 | 37 | 56.4 | 0 | No | No |
| 24713 PANAMA AVE | 34 | 34 | 77 | 0 | No | No |
| 24713 RAVENNA AVE | 35 | 35 | 70.3 | 0 | No | No |

**Table 5-2.9**
**Summary of Background Analysis for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Zinc (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (291 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24715 NEPTUNE AVE | 37 | 37 | 58.3 | 0 | No | No |
| 24716 MARBELLA AVE | 30 | 30 | 106 | 0 | No | No |
| 24716 RAVENNA AVE | 15 | 15 | 51.1 | 0 | No | No |
| 24717 MARBELLA AVE | 38 | 38 | 61.2 | 0 | No | No |
| 24718 NEPTUNE AVE | 65 | 65 | 42.2 | 0 | No | No |
| 24718 PANAMA AVE | 33 | 33 | 102 | 0 | No | No |
| 24719 NEPTUNE AVE | 33 | 33 | 175 | 0 | No | No |
| 24719 PANAMA AVE | 28 | 28 | 240 | 0 | No | No |
| 24719 RAVENNA AVE | 45 | 45 | 66.5 | 0 | No | No |
| 24722 MARBELLA AVE | 34 | 34 | 62.2 | 0 | No | No |
| 24722 NEPTUNE AVE | 40 | 40 | 70.5 | 0 | No | No |
| 24722 PANAMA AVE | 18 | 18 | 57.4 | 0 | No | No |
| 24722 RAVENNA AVE | 41 | 41 | 61.5 | 0 | No | No |
| 24723 MARBELLA AVE | 22 | 22 | 123 | 0 | No | No |
| 24723 RAVENNA AVE | 37 | 37 | 131 | 0 | No | No |
| 24725 NEPTUNE AVE | 35 | 35 | 110 | 0 | No | No |
| 24726 MARBELLA AVE | 49 | 49 | 88.8 | 0 | No | No |
| 24726 RAVENNA AVE | 37 | 37 | 68.6 | 0 | No | No |
| 24727 MARBELLA AVE | 40 | 40 | 142 | 0 | No | No |
| 24728 NEPTUNE AVE | 33 | 33 | 80.8 | 0 | No | No |
| 24728 PANAMA AVE | 31 | 31 | 174 | 0 | No | No |
| 24729 NEPTUNE AVE | 35 | 35 | 137 | 0 | No | No |
| 24729 PANAMA AVE | 34 | 34 | 73.7 | 0 | No | No |
| 24729 RAVENNA AVE | 16 | 16 | 106 | 0 | No | No |
| 24732 MARBELLA AVE | 37 | 37 | 63.3 | 0 | No | No |
| 24732 NEPTUNE AVE | 35 | 35 | 93.4 | 0 | No | No |
| 24732 PANAMA AVE | 33 | 33 | 148 | 0 | No | No |
| 24732 RAVENNA AVE | 42 | 42 | 53.6 | 0 | No | No |
| 24733 MARBELLA AVE | 32 | 32 | 57.9 | 0 | No | No |
| 24733 PANAMA AVE | 38 | 38 | 90.7 | 0 | No | No |
| 24733 RAVENNA AVE | 40 | 40 | 49.6 | 0 | No | No |
| 24735 NEPTUNE AVE | 36 | 36 | 66.1 | 0 | No | No |
| 24736 MARBELLA AVE | 52 | 52 | 113 | 0 | No | No |
| 24736 RAVENNA AVE | 43 | 43 | 50.8 | 0 | No | No |
| 24737 MARBELLA AVE | 28 | 28 | 265 | 0 | No | No |
| 24738 NEPTUNE AVE | 51 | 51 | 56.3 | 0 | No | No |
| 24738 PANAMA AVE | 32 | 32 | 101 | 0 | No | No |
| 24739 NEPTUNE AVE | 41 | 41 | 90.1 | 0 | No | No |
| 24739 PANAMA AVE | 43 | 43 | 54 | 0 | No | No |
| 24739 RAVENNA AVE | 42 | 42 | 52.7 | 0 | No | No |
| 24740 MARBELLA AVE | 64 | 64 | 71.6 | 0 | No | No |
| 24741 MARBELLA AVE | 12 | 12 | 64.8 | 0 | No | No |
| 24743 RAVENNA AVE | 42 | 42 | 55.2 | 0 | No | No |
| 24744 MARBELLA AVE | 25 | 25 | 72.3 | 0 | No | No |
| 24748 RAVENNA AVE | 24 | 24 | 45.1 | 0 | No | No |
| 24749 RAVENNA AVE | 43 | 43 | 85.2 | 0 | No | No |
| 24752 RAVENNA AVE | 45 | 45 | 60.5 | 0 | No | No |
| 24802 PANAMA AVE | 52 | 52 | 76 | 0 | No | No |
| 24803 NEPTUNE AVE | 32 | 32 | 106 | 0 | No | No |
| 24803 PANAMA AVE | 18 | 18 | 37.9 | 0 | No | No |
| 24809 NEPTUNE AVE | 27 | 27 | 5770 | 1 | Yes | No |
| 24809 PANAMA AVE | 36 | 36 | 48.2 | 0 | No | No |
| 24812 PANAMA AVE | 29 | 29 | 49.3 | 0 | No | No |
| 24813 PANAMA AVE | 15 | 15 | 55.8 | 0 | No | No |

**Table 5-2.9**
**Summary of Background Analysis for Zinc**
**Former Kast Property**
**Carson, CA**

| Location ID | Zinc (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (291 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24815 NEPTUNE AVE | 30 | 30 | 106 | 0 | No | No |
| 24818 PANAMA AVE | 34 | 34 | 54.4 | 0 | No | No |
| 24819 PANAMA AVE | 34 | 34 | 240 | 0 | No | No |
| 24822 PANAMA AVE | 43 | 43 | 330 | 1 | Yes | No |
| 24823 PANAMA AVE | 39 | 39 | 347 | 1 | Yes | No |
| 24825 NEPTUNE AVE | 98 | 98 | 125 | 0 | No | No |
| 24828 PANAMA AVE | 36 | 36 | 85.8 | 0 | No | No |
| 24829 PANAMA AVE | 48 | 48 | 121 | 0 | No | No |
| 24832 PANAMA AVE | 38 | 38 | 79.5 | 0 | No | No |
| 24833 PANAMA AVE | 43 | 43 | 97 | 0 | No | No |
| 24838 PANAMA AVE | 28 | 28 | 88.1 | 0 | No | No |
| 24904 NEPTUNE AVE | 74 | 74 | 85.9 | 0 | No | No |
| 24912 NEPTUNE AVE | 36 | 36 | 73.1 | 0 | No | No |
| 301 244TH ST | 29 | 29 | 120 | 0 | No | No |
| 305 244TH ST | 54 | 54 | 544 | 1 | Yes | No |
| 311 244TH ST | 71 | 71 | 1140 | 3 | Yes | No |
| 317 244TH ST | 58 | 58 | 158 | 0 | No | No |
| 321 244TH ST | 40 | 40 | 111 | 0 | No | No |
| 327 244TH ST | 12 | 12 | 55.5 | 0 | No | No |
| 331 244TH ST | 28 | 28 | 85.5 | 0 | No | No |
| 337 244TH ST | 34 | 34 | 70 | 0 | No | No |
| 341 244TH ST | 48 | 48 | 313 | 1 | Yes | No |
| 344 249TH ST | 35 | 35 | 109 | 0 | No | No |
| 345 249TH ST | 93 | 93 | 158 | 0 | No | No |
| 347 244TH ST | 32 | 32 | 114 | 0 | No | No |
| 348 248TH ST | 49 | 49 | 47.3 | 0 | No | No |
| 348 249TH ST | 51 | 51 | 101 | 0 | No | No |
| 351 244TH ST | 32 | 32 | 62.6 | 0 | No | No |
| 352 249TH ST | 32 | 32 | 85.2 | 0 | No | No |
| 353 249TH ST | 32 | 32 | 60.9 | 0 | No | No |
| 354 248TH ST | 39 | 39 | 114 | 0 | No | No |
| 357 244TH ST | 40 | 40 | 66.6 | 0 | No | No |
| 357 249TH ST | 24 | 24 | 42.6 | 0 | No | No |
| 358 249TH ST | 43 | 43 | 62.1 | 0 | No | No |
| 360 248TH ST | 48 | 48 | 49.7 | 0 | No | No |
| 361 244TH ST | 23 | 23 | 81.5 | 0 | No | No |
| 362 249TH ST | 25 | 25 | 100 | 0 | No | No |
| 363 249TH ST | 27 | 27 | 673 | 1 | Yes | No |
| 364 248TH ST | 48 | 48 | 68.2 | 0 | No | No |
| 367 244TH ST | 13 | 13 | 282 | 0 | No | No |
| 367 249TH ST | 46 | 46 | 339 | 1 | Yes | No |
| 368 249TH ST | 55 | 55 | 50.3 | 0 | No | No |
| 373 249TH ST | 42 | 42 | 105 | 0 | No | No |
| 374 248TH ST | 120 | 120 | 180 | 0 | No | No |
| 374 249TH ST | 27 | 27 | 47.5 | 0 | No | No |
| 377 244TH ST | 32 | 32 | 90.8 | 0 | No | No |
| 377 249TH ST | 33 | 33 | 102 | 0 | No | No |
| 378 249TH ST | 41 | 41 | 51.3 | 0 | No | No |
| 383 249TH ST | 32 | 32 | 128 | 0 | No | No |
| 402 249TH ST | 32 | 32 | 82.9 | 0 | No | No |
| 408 249TH ST | 24 | 24 | 185 | 0 | No | No |
| 412 249TH ST | 77 | 77 | 212 | 0 | No | No |
| 24703 PANAMA AVE | 62 | 62 | 315 | 1 | Yes | No |
| 24808 PANAMA AVE | 20 | 20 | 65.5 | 0 | No | No |

**Table 5-2.10**
**Summary of Background Analysis for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | BaP-TEQ (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.90 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24401 MARBELLA AVE | 33 | 23 | 0.0555 | 0 | No | No |
| 24402 NEPTUNE AVE | 48 | 48 | 0.613 | 0 | No | No |
| 24402 PANAMA AVE | 127 | 75 | 0.584 | 0 | No | No |
| 24402 RAVENNA AVE | 40 | 35 | 0.569 | 0 | No | No |
| 24403 NEPTUNE AVE | 46 | 43 | 1.07 | 1 | Yes | No |
| 24403 RAVENNA AVE | 64 | 62 | 1.236 | 3 | Yes | No |
| 24405 MARBELLA AVE | 25 | 21 | 0.0337 | 0 | No | No |
| 24406 MARBELLA AVE | 40 | 19 | 0.415 | 0 | No | No |
| 24406 NEPTUNE AVE | 28 | 28 | 0.342 | 0 | No | No |
| 24406 PANAMA AVE | 23 | 20 | 0.821 | 0 | No | No |
| 24406 RAVENNA AVE | 26 | 26 | 0.0921 | 0 | No | No |
| 24409 NEPTUNE AVE | 24 | 23 | 0.45 | 0 | No | No |
| 24409 RAVENNA AVE | 33 | 32 | 0.17 | 0 | No | No |
| 24410 PANAMA AVE | 33 | 28 | 0.202 | 0 | No | No |
| 24411 MARBELLA AVE | 69 | 47 | 1.251 | 2 | Yes | No |
| 24411 PANAMA AVE | 41 | 34 | 0.224 | 0 | No | No |
| 24412 MARBELLA AVE | 31 | 25 | 0.208 | 0 | No | No |
| 24412 RAVENNA AVE | 61 | 57 | 0.43 | 0 | No | No |
| 24413 NEPTUNE AVE | 24 | 24 | 0.384 | 0 | No | No |
| 24413 RAVENNA AVE | 28 | 27 | 0.386 | 0 | No | No |
| 24416 MARBELLA AVE | 50 | 42 | 1.102 | 1 | Yes | No |
| 24416 NEPTUNE AVE | 21 | 21 | 0.162 | 0 | No | No |
| 24416 PANAMA AVE | 33 | 28 | 0.197 | 0 | No | No |
| 24416 RAVENNA AVE | 42 | 42 | 2.275 | 3 | Yes | No |
| 24417 MARBELLA AVE | 8 | 3 | 0.0194 | 0 | No | No |
| 24417 PANAMA AVE | 47 | 41 | 0.529 | 0 | No | No |
| 24419 NEPTUNE AVE | 32 | 32 | 0.448 | 0 | No | No |
| 24419 RAVENNA AVE | 32 | 29 | 0.176 | 0 | No | No |
| 24420 PANAMA AVE | 33 | 28 | 1.113 | 1 | Yes | No |
| 24421 PANAMA AVE | 30 | 25 | 0.283 | 0 | No | No |
| 24422 MARBELLA AVE | 43 | 42 | 0.605 | 0 | No | No |
| 24422 NEPTUNE AVE | 36 | 36 | 0.258 | 0 | No | No |
| 24422 RAVENNA AVE | 29 | 28 | 1.019 | 1 | Yes | No |
| 24423 MARBELLA AVE | 13 | 8 | 0.0199 | 0 | No | No |
| 24423 NEPTUNE AVE | 37 | 37 | 0.229 | 0 | No | No |
| 24423 RAVENNA AVE | 40 | 39 | 0.995 | 1 | Yes | No |
| 24426 MARBELLA AVE | 24 | 23 | 0.419 | 0 | No | No |
| 24426 NEPTUNE AVE | 30 | 27 | 0.142 | 0 | No | No |
| 24426 PANAMA AVE | 30 | 22 | 0.409 | 0 | No | No |
| 24426 RAVENNA AVE | 49 | 49 | 1.983 | 1 | Yes | No |
| 24427 MARBELLA AVE | 25 | 21 | 0.0946 | 0 | No | No |
| 24427 PANAMA AVE | 38 | 38 | 0.821 | 0 | No | No |
| 24429 NEPTUNE AVE | 19 | 18 | 0.211 | 0 | No | No |
| 24429 RAVENNA AVE | 29 | 29 | 0.188 | 0 | No | No |
| 24430 PANAMA AVE | 30 | 23 | 0.139 | 0 | No | No |
| 24431 PANAMA AVE | 35 | 35 | 0.154 | 0 | No | No |
| 24432 MARBELLA AVE | 67 | 63 | 0.5 | 0 | No | No |
| 24433 MARBELLA AVE | 27 | 8 | 0.0733 | 0 | No | No |
| 24436 PANAMA AVE | 35 | 23 | 0.156 | 0 | No | No |
| 24502 MARBELLA AVE | 51 | 50 | 0.221 | 0 | No | No |
| 24502 NEPTUNE AVE | 58 | 56 | 0.303 | 0 | No | No |
| 24502 PANAMA AVE | 48 | 15 | 0.0124 | 0 | No | No |
| 24502 RAVENNA AVE | 44 | 43 | 0.489 | 0 | No | No |
| 24503 MARBELLA AVE | 29 | 16 | 0.0187 | 0 | No | No |

**Table 5-2.10**
**Summary of Background Analysis for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | BaP-TEQ (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.90 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24503 NEPTUNE AVE | 60 | 58 | 0.245 | 0 | No | No |
| 24503 PANAMA AVE | 28 | 26 | 0.347 | 0 | No | No |
| 24503 RAVENNA AVE | 34 | 34 | 0.676 | 0 | No | No |
| 24506 MARBELLA AVE | 36 | 36 | 0.593 | 0 | No | No |
| 24507 MARBELLA AVE | 36 | 20 | 0.222 | 0 | No | No |
| 24508 NEPTUNE AVE | 40 | 40 | 1.09 | 1 | Yes | No |
| 24508 PANAMA AVE | 24 | 7 | 0.00587 | 0 | No | No |
| 24508 RAVENNA AVE | 39 | 34 | 0.884 | 0 | No | No |
| 24509 NEPTUNE AVE | 31 | 31 | 0.405 | 0 | No | No |
| 24509 PANAMA AVE | 47 | 43 | 0.504 | 0 | No | No |
| 24509 RAVENNA AVE | 37 | 37 | 0.956 | 1 | Yes | No |
| 24512 MARBELLA AVE | 53 | 50 | 1.118 | 1 | Yes | No |
| 24512 NEPTUNE AVE | 36 | 36 | 0.207 | 0 | No | No |
| 24512 PANAMA AVE | 28 | 27 | 0.0279 | 0 | No | No |
| 24512 RAVENNA AVE | 56 | 55 | 0.28 | 0 | No | No |
| 24513 NEPTUNE AVE | 37 | 36 | 0.247 | 0 | No | No |
| 24513 PANAMA AVE | 51 | 45 | 0.232 | 0 | No | No |
| 24513 RAVENNA AVE | 30 | 29 | 0.223 | 0 | No | No |
| 24516 MARBELLA AVE | 30 | 28 | 0.409 | 0 | No | No |
| 24517 MARBELLA AVE | 12 | 11 | 0.335 | 0 | No | No |
| 24518 NEPTUNE AVE | 45 | 45 | 0.595 | 0 | No | No |
| 24518 PANAMA AVE | 42 | 15 | 0.248 | 0 | No | No |
| 24518 RAVENNA AVE | 30 | 28 | 0.208 | 0 | No | No |
| 24519 NEPTUNE AVE | 35 | 35 | 0.111 | 0 | No | No |
| 24519 PANAMA AVE | 30 | 29 | 0.351 | 0 | No | No |
| 24522 MARBELLA AVE | 27 | 21 | 0.208 | 0 | No | No |
| 24522 NEPTUNE AVE | 28 | 26 | 0.402 | 0 | No | No |
| 24522 PANAMA AVE | 36 | 13 | 0.015 | 0 | No | No |
| 24522 RAVENNA AVE | 35 | 28 | 0.212 | 0 | No | No |
| 24523 MARBELLA AVE | 45 | 36 | 0.785 | 0 | No | No |
| 24523 NEPTUNE AVE | 37 | 36 | 0.507 | 0 | No | No |
| 24523 RAVENNA AVE | 17 | 17 | 0.297 | 0 | No | No |
| 24526 MARBELLA AVE | 36 | 23 | 0.411 | 0 | No | No |
| 24528 NEPTUNE AVE | 31 | 23 | 0.0271 | 0 | No | No |
| 24528 PANAMA AVE | 39 | 34 | 0.44 | 0 | No | No |
| 24529 NEPTUNE AVE | 32 | 29 | 2.2 | 1 | Yes | No |
| 24529 PANAMA AVE | 24 | 10 | 0.0359 | 0 | No | No |
| 24529 RAVENNA AVE | 26 | 20 | 0.292 | 0 | No | No |
| 24532 MARBELLA AVE | 27 | 20 | 0.273 | 0 | No | No |
| 24532 NEPTUNE AVE | 21 | 12 | 0.0285 | 0 | No | No |
| 24532 PANAMA AVE | 23 | 23 | 0.923 | 1 | Yes | No |
| 24532 RAVENNA AVE | 29 | 7 | 0.0269 | 0 | No | No |
| 24533 MARBELLA AVE | 25 | 21 | 0.063 | 0 | No | No |
| 24533 PANAMA AVE | 29 | 25 | 0.356 | 0 | No | No |
| 24533 RAVENNA AVE | 52 | 21 | 0.0988 | 0 | No | No |
| 24602 MARBELLA AVE | 34 | 33 | 0.496 | 0 | No | No |
| 24602 NEPTUNE AVE | 33 | 14 | 0.0158 | 0 | No | No |
| 24602 PANAMA AVE | 40 | 37 | 1.085 | 1 | Yes | No |
| 24602 RAVENNA AVE | 28 | 11 | 0.176 | 0 | No | No |
| 24603 MARBELLA AVE | 26 | 22 | 0.769 | 0 | No | No |
| 24603 NEPTUNE AVE | 49 | 35 | 0.109 | 0 | No | No |
| 24603 PANAMA AVE | 30 | 24 | 0.863 | 0 | No | No |
| 24603 RAVENNA AVE | 31 | 6 | 1.168 | 1 | Yes | No |
| 24606 MARBELLA AVE | 63 | 41 | 2.382 | 1 | Yes | No |

**Table 5-2.10**
**Summary of Background Analysis for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | BaP-TEQ (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.90 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24607 MARBELLA AVE | 31 | 23 | 0.207 | 0 | No | No |
| 24608 NEPTUNE AVE | 37 | 16 | 0.513 | 0 | No | No |
| 24608 PANAMA AVE | 22 | 20 | 1.799 | 2 | Yes | No |
| 24608 RAVENNA AVE | 40 | 31 | 1.579 | 2 | Yes | No |
| 24609 NEPTUNE AVE | 30 | 26 | 1.449 | 2 | Yes | No |
| 24609 PANAMA AVE | 34 | 32 | 0.896 | 0 | No | No |
| 24609 RAVENNA AVE | 45 | 25 | 0.0456 | 0 | No | No |
| 24612 MARBELLA AVE | 51 | 35 | 0.803 | 0 | No | No |
| 24612 NEPTUNE AVE | 47 | 41 | 1.972 | 8 | Yes | **Yes** |
| 24612 PANAMA AVE | 33 | 30 | 1.647 | 2 | Yes | No |
| 24612 RAVENNA AVE | 46 | 37 | 0.352 | 0 | No | No |
| 24613 MARBELLA AVE | 52 | 25 | 0.135 | 0 | No | No |
| 24613 NEPTUNE AVE | 39 | 37 | 0.879 | 0 | No | No |
| 24613 PANAMA AVE | 51 | 51 | 6.181 | 1 | Yes | No |
| 24613 RAVENNA AVE | 33 | 20 | 0.591 | 0 | No | No |
| 24616 MARBELLA AVE | 57 | 52 | 3.037 | 12 | Yes | **Yes** |
| 24617 MARBELLA AVE | 34 | 10 | 0.018 | 0 | No | No |
| 24618 NEPTUNE AVE | 26 | 25 | 0.571 | 0 | No | No |
| 24618 PANAMA AVE | 28 | 28 | 1.197 | 2 | Yes | No |
| 24618 RAVENNA AVE | 40 | 24 | 0.746 | 0 | No | No |
| 24619 NEPTUNE AVE | 28 | 28 | 1.822 | 2 | Yes | No |
| 24619 PANAMA AVE | 38 | 38 | 0.755 | 0 | No | No |
| 24619 RAVENNA AVE | 35 | 21 | 2.496 | 2 | Yes | No |
| 24622 MARBELLA AVE | 53 | 51 | 6.891 | 8 | Yes | **Yes** |
| 24622 NEPTUNE AVE | 34 | 34 | 3.304 | 1 | Yes | No |
| 24623 MARBELLA AVE | 32 | 12 | 0.106 | 0 | No | No |
| 24623 NEPTUNE AVE | 36 | 36 | 4.856 | 6 | Yes | **Yes** |
| 24627 MARBELLA AVE | 48 | 30 | 1.041 | 1 | Yes | No |
| 24628 MARBELLA AVE | 52 | 50 | 0.712 | 0 | No | No |
| 24628 NEPTUNE AVE | 18 | 17 | 0.342 | 0 | No | No |
| 24629 NEPTUNE AVE | 39 | 36 | 0.914 | 1 | Yes | No |
| 24632 NEPTUNE AVE | 20 | 20 | 2.497 | 2 | Yes | No |
| 24633 MARBELLA AVE | 40 | 36 | 1.551 | 1 | Yes | No |
| 24700 MARBELLA AVE | 46 | 45 | 1.099 | 1 | Yes | No |
| 24700 RAVENNA AVE | 56 | 38 | 0.444 | 0 | No | No |
| 24702 NEPTUNE AVE | 46 | 46 | 1.538 | 3 | Yes | No |
| 24702 PANAMA AVE | 30 | 30 | 5.003 | 4 | Yes | No |
| 24703 MARBELLA AVE | 36 | 21 | 1.833 | 1 | Yes | No |
| 24703 NEPTUNE AVE | 39 | 37 | 0.629 | 0 | No | No |
| 24703 RAVENNA AVE | 53 | 49 | 2.722 | 3 | Yes | No |
| 24706 MARBELLA AVE | 43 | 41 | 1.428 | 2 | Yes | No |
| 24706 RAVENNA AVE | 33 | 33 | 0.888 | 0 | No | No |
| 24707 MARBELLA AVE | 37 | 22 | 0.0779 | 0 | No | No |
| 24708 PANAMA AVE | 37 | 37 | 1.972 | 2 | Yes | No |
| 24709 NEPTUNE AVE | 37 | 37 | 1.531 | 1 | Yes | No |
| 24709 PANAMA AVE | 43 | 42 | 7.051 | 5 | Yes | No |
| 24709 RAVENNA AVE | 52 | 47 | 3.926 | 4 | Yes | No |
| 24710 MARBELLA AVE | 43 | 37 | 2.282 | 2 | Yes | No |
| 24712 NEPTUNE AVE | 32 | 31 | 0.992 | 1 | Yes | No |
| 24712 PANAMA AVE | 27 | 27 | 1.979 | 2 | Yes | No |
| 24712 RAVENNA AVE | 45 | 44 | 1.51 | 1 | Yes | No |
| 24713 MARBELLA AVE | 37 | 26 | 0.086 | 0 | No | No |
| 24713 PANAMA AVE | 34 | 34 | 2.124 | 2 | Yes | No |
| 24713 RAVENNA AVE | 35 | 25 | 2.226 | 2 | Yes | No |

**Table 5-2.10**
**Summary of Background Analysis for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | BaP-TEQ (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.90 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24715 NEPTUNE AVE | 37 | 37 | 2.31 | 5 | Yes | **Yes** |
| 24716 MARBELLA AVE | 30 | 23 | 0.869 | 0 | No | No |
| 24716 RAVENNA AVE | 15 | 15 | 0.313 | 0 | No | No |
| 24717 MARBELLA AVE | 38 | 28 | 0.682 | 0 | No | No |
| 24718 NEPTUNE AVE | 70 | 42 | 0.475 | 0 | No | No |
| 24718 PANAMA AVE | 33 | 33 | 16.09 | 1 | Yes | No |
| 24719 NEPTUNE AVE | 33 | 29 | 0.192 | 0 | No | No |
| 24719 PANAMA AVE | 28 | 28 | 1.74 | 1 | Yes | No |
| 24719 RAVENNA AVE | 45 | 38 | 1.022 | 2 | Yes | No |
| 24722 MARBELLA AVE | 34 | 32 | 0.687 | 0 | No | No |
| 24722 NEPTUNE AVE | 40 | 17 | 0.0318 | 0 | No | No |
| 24722 PANAMA AVE | 18 | 16 | 0.713 | 0 | No | No |
| 24722 RAVENNA AVE | 50 | 47 | 0.858 | 0 | No | No |
| 24723 MARBELLA AVE | 22 | 15 | 0.404 | 0 | No | No |
| 24723 RAVENNA AVE | 37 | 29 | 0.0713 | 0 | No | No |
| 24725 NEPTUNE AVE | 35 | 24 | 0.238 | 0 | No | No |
| 24726 MARBELLA AVE | 49 | 38 | 0.346 | 0 | No | No |
| 24726 RAVENNA AVE | 37 | 33 | 3.954 | 1 | Yes | No |
| 24727 MARBELLA AVE | 40 | 33 | 1.765 | 1 | Yes | No |
| 24728 NEPTUNE AVE | 33 | 21 | 0.357 | 0 | No | No |
| 24728 PANAMA AVE | 31 | 31 | 1.706 | 1 | Yes | No |
| 24729 NEPTUNE AVE | 35 | 22 | 0.32 | 0 | No | No |
| 24729 PANAMA AVE | 34 | 33 | 0.187 | 0 | No | No |
| 24729 RAVENNA AVE | 16 | 4 | 0.013 | 0 | No | No |
| 24732 MARBELLA AVE | 37 | 27 | 0.406 | 0 | No | No |
| 24732 NEPTUNE AVE | 35 | 23 | 1.852 | 1 | Yes | No |
| 24732 PANAMA AVE | 33 | 27 | 0.498 | 0 | No | No |
| 24732 RAVENNA AVE | 42 | 38 | 0.273 | 0 | No | No |
| 24733 MARBELLA AVE | 32 | 21 | 0.12 | 0 | No | No |
| 24733 PANAMA AVE | 38 | 38 | 1.98 | 2 | Yes | No |
| 24733 RAVENNA AVE | 40 | 31 | 0.198 | 0 | No | No |
| 24735 NEPTUNE AVE | 36 | 34 | 0.656 | 0 | No | No |
| 24736 MARBELLA AVE | 52 | 43 | 0.149 | 0 | No | No |
| 24736 RAVENNA AVE | 43 | 39 | 1.032 | 1 | Yes | No |
| 24737 MARBELLA AVE | 28 | 23 | 0.586 | 0 | No | No |
| 24738 NEPTUNE AVE | 51 | 40 | 2.263 | 3 | Yes | No |
| 24738 PANAMA AVE | 32 | 30 | 2.037 | 2 | Yes | No |
| 24739 NEPTUNE AVE | 41 | 38 | 0.415 | 0 | No | No |
| 24739 PANAMA AVE | 43 | 38 | 0.525 | 0 | No | No |
| 24739 RAVENNA AVE | 42 | 37 | 1.43 | 5 | Yes | No |
| 24740 MARBELLA AVE | 64 | 45 | 1.185 | 1 | Yes | No |
| 24741 MARBELLA AVE | 12 | 11 | 0.0717 | 0 | No | No |
| 24743 RAVENNA AVE | 47 | 47 | 1.455 | 3 | Yes | No |
| 24744 MARBELLA AVE | 25 | 20 | 0.492 | 0 | No | No |
| 24748 RAVENNA AVE | 24 | 23 | 0.905 | 1 | Yes | No |
| 24749 RAVENNA AVE | 43 | 43 | 1.1 | 1 | Yes | No |
| 24752 RAVENNA AVE | 45 | 44 | 1.521 | 1 | Yes | No |
| 24802 PANAMA AVE | 52 | 49 | 1.89 | 1 | Yes | No |
| 24803 NEPTUNE AVE | 32 | 31 | 0.23 | 0 | No | No |
| 24803 PANAMA AVE | 18 | 14 | 0.849 | 0 | No | No |
| 24809 NEPTUNE AVE | 27 | 27 | 1.659 | 1 | Yes | No |
| 24809 PANAMA AVE | 36 | 34 | 0.55 | 0 | No | No |
| 24812 PANAMA AVE | 29 | 23 | 0.331 | 0 | No | No |
| 24813 PANAMA AVE | 15 | 15 | 0.609 | 0 | No | No |

**Table 5-2.10**
**Summary of Background Analysis for BaP-TEQ**
**Former Kast Property**
**Carson, CA**

| Location ID | BaP-TEQ (0 to 10 ft) | | | | | |
|---|---|---|---|---|---|---|
| | **Number of Samples** | **Number of Detects** | **Maximum Detected Value (mg/kg)** | **Number of BTV** (0.90 mg/kg) **Exceedances** | *(Point by Point Comparison)* **Is Site > Background?** | *(1-Sample Proportion Test)* **Is Site > Background?** |
| 24815 NEPTUNE AVE | 30 | 28 | 0.628 | 0 | No | No |
| 24818 PANAMA AVE | 34 | 32 | 15.22 | 2 | Yes | No |
| 24819 PANAMA AVE | 34 | 34 | 0.661 | 0 | No | No |
| 24822 PANAMA AVE | 43 | 41 | 0.448 | 0 | No | No |
| 24823 PANAMA AVE | 39 | 39 | 0.937 | 1 | Yes | No |
| 24825 NEPTUNE AVE | 98 | 83 | 0.287 | 0 | No | No |
| 24828 PANAMA AVE | 36 | 35 | 2.862 | 3 | Yes | No |
| 24829 PANAMA AVE | 48 | 48 | 1.036 | 1 | Yes | No |
| 24832 PANAMA AVE | 38 | 37 | 0.8 | 0 | No | No |
| 24833 PANAMA AVE | 43 | 38 | 1.254 | 1 | Yes | No |
| 24838 PANAMA AVE | 28 | 26 | 0.871 | 0 | No | No |
| 24904 NEPTUNE AVE | 74 | 74 | 0.652 | 0 | No | No |
| 24912 NEPTUNE AVE | 36 | 35 | 0.314 | 0 | No | No |
| 301 244TH ST | 29 | 20 | 0.212 | 0 | No | No |
| 305 244TH ST | 54 | 33 | 8.597 | 5 | Yes | No |
| 311 244TH ST | 71 | 63 | 33.31 | 13 | Yes | **Yes** |
| 317 244TH ST | 58 | 41 | 13.07 | 4 | Yes | No |
| 321 244TH ST | 40 | 27 | 0.0578 | 0 | No | No |
| 327 244TH ST | 12 | 6 | 0.0132 | 0 | No | No |
| 331 244TH ST | 28 | 6 | 0.0519 | 0 | No | No |
| 337 244TH ST | 34 | 18 | 0.0548 | 0 | No | No |
| 341 244TH ST | 48 | 28 | 0.0714 | 0 | No | No |
| 344 249TH ST | 35 | 35 | 0.542 | 0 | No | No |
| 345 249TH ST | 93 | 86 | 2.431 | 3 | Yes | No |
| 347 244TH ST | 32 | 18 | 0.0357 | 0 | No | No |
| 348 248TH ST | 49 | 45 | 4.123 | 2 | Yes | No |
| 348 249TH ST | 51 | 51 | 0.424 | 0 | No | No |
| 351 244TH ST | 32 | 22 | 0.488 | 0 | No | No |
| 352 249TH ST | 32 | 31 | 0.899 | 0 | No | No |
| 353 249TH ST | 32 | 31 | 0.466 | 0 | No | No |
| 354 248TH ST | 39 | 39 | 1.271 | 3 | Yes | No |
| 357 244TH ST | 40 | 19 | 0.0643 | 0 | No | No |
| 357 249TH ST | 24 | 23 | 1.449 | 1 | Yes | No |
| 358 249TH ST | 43 | 38 | 0.416 | 0 | No | No |
| 360 248TH ST | 48 | 46 | 0.448 | 0 | No | No |
| 361 244TH ST | 23 | 14 | 0.0452 | 0 | No | No |
| 362 249TH ST | 25 | 19 | 0.0862 | 0 | No | No |
| 363 249TH ST | 27 | 27 | 2.198 | 1 | Yes | No |
| 364 248TH ST | 49 | 49 | 0.735 | 0 | No | No |
| 367 244TH ST | 13 | 13 | 0.691 | 0 | No | No |
| 367 249TH ST | 46 | 46 | 1.128 | 2 | Yes | No |
| 368 249TH ST | 55 | 54 | 7.213 | 3 | Yes | No |
| 373 249TH ST | 42 | 42 | 0.664 | 0 | No | No |
| 374 248TH ST | 120 | 120 | 22.3 | 6 | Yes | No |
| 374 249TH ST | 27 | 26 | 0.46 | 0 | No | No |
| 377 244TH ST | 32 | 19 | 0.203 | 0 | No | No |
| 377 249TH ST | 33 | 33 | 0.718 | 0 | No | No |
| 378 249TH ST | 41 | 37 | 0.456 | 0 | No | No |
| 383 249TH ST | 32 | 32 | 3.06 | 2 | Yes | No |
| 402 249TH ST | 32 | 31 | 0.547 | 0 | No | No |
| 408 249TH ST | 24 | 21 | 0.239 | 0 | No | No |
| 412 249TH ST | 77 | 71 | 16.19 | 1 | Yes | No |
| 24703 PANAMA AVE | 62 | 62 | 1.041 | 1 | Yes | No |
| 24808 PANAMA AVE | 20 | 19 | 0.224 | 0 | No | No |

**Table 5-3.1**
**Summary of Detailed Background Evaluation for Antimony**
Former Kast Property
Carson, CA

| Location ID | Antimony (0 to 10 ft) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Samples | Maximum Detected Value (mg/kg) | Number of BTV (0.74 mg/kg) Exceedances | 1-Sample Proportion Test Is Site > Background? | Coefficient of Variation | Fits Normal or Lognormal Distribution? | Break Point/ Inflection? | Conclusion Is Site > Background? |
| 24401 MARBELLA AVE | 33 | 1.14 | 6 | **Yes** | 0.44 | Lognormal | No | No |
| 24402 PANAMA AVE | 127 | 2.1 | 84 | **Yes** | 0.42 | Lognormal | No | No |
| 24403 NEPTUNE AVE | 46 | 1.99 | 34 | **Yes** | 0.38 | Lognormal | No | No |
| 24406 NEPTUNE AVE | 28 | 1.7 | 8 | **Yes** | 0.30 | Lognormal | No | No |
| 24406 PANAMA AVE | 23 | 4.3 | 4 | **Yes** | 0.25 | Lognormal | No | No |
| 24409 NEPTUNE AVE | 24 | 2.07 | 4 | **Yes** | 0.69 | Lognormal | No | No |
| 24411 MARBELLA AVE | 69 | 3.58 | 45 | **Yes** | 0.40 | Lognormal | No | No |
| 24413 RAVENNA AVE | 28 | 1.56 | 15 | **Yes** | 0.33 | Lognormal | No | No |
| 24416 PANAMA AVE | 33 | 2.26 | 22 | **Yes** | 0.34 | Lognormal | No | No |
| 24419 RAVENNA AVE | 32 | 1.55 | 14 | **Yes** | 0.33 | Lognormal | No | No |
| 24422 NEPTUNE AVE | 36 | 1.91 | 17 | **Yes** | 0.43 | Lognormal | No | No |
| 24426 RAVENNA AVE | 49 | 2.4 | 22 | **Yes** | 0.40 | Lognormal | No | No |
| 24502 PANAMA AVE | 48 | 3.35 | 22 | **Yes** | 0.53 | Lognormal | No | No |
| 24503 NEPTUNE AVE | 60 | 1.75 | 13 | **Yes** | 0.43 | Lognormal | No | No |
| 24512 RAVENNA AVE | 46 | 1.24 | 10 | **Yes** | 0.23 | Lognormal | No | No |
| 24513 RAVENNA AVE | 30 | 2.67 | 13 | **Yes** | 0.64 | Lognormal | No | No |
| 24517 MARBELLA AVE | 12 | 1.1 | 4 | **Yes** | 0.37 | Lognormal | No | No |
| 24518 PANAMA AVE | 42 | 2.69 | 8 | **Yes** | 0.16 | Lognormal | No | No |
| 24518 RAVENNA AVE | 30 | 2.08 | 9 | **Yes** | 0.54 | Lognormal | No | No |
| 24523 MARBELLA AVE | 45 | 1.25 | 9 | **Yes** | 0.36 | Lognormal | No | No |
| 24523 RAVENNA AVE | 17 | 1.74 | 4 | **Yes** | 0.55 | Lognormal | No | No |
| 24532 RAVENNA AVE | 29 | 2.09 | 5 | **Yes** | 0.52 | Lognormal | No | No |
| 24602 MARBELLA AVE | 34 | 1.31 | 7 | **Yes** | 0.36 | Lognormal | No | No |
| 24602 PANAMA AVE | 40 | 1.49 | 8 | **Yes** | 0.31 | Lognormal | No | No |
| 24603 NEPTUNE AVE | 49 | 1.08 | 7 | **Yes** | 0.27 | Lognormal | No | No |
| 24606 MARBELLA AVE | 63 | 1.47 | 9 | **Yes** | 0.35 | Lognormal | No | No |
| 24608 NEPTUNE AVE | 37 | 1.03 | 6 | **Yes** | 0.34 | Lognormal | No | No |
| 24608 RAVENNA AVE | 40 | 1.64 | 5 | **Yes** | 0.50 | Lognormal | No | No |
| 24609 NEPTUNE AVE | 30 | 1.76 | 12 | **Yes** | 0.43 | Lognormal | No | No |
| 24609 RAVENNA AVE | 45 | 0.94 | 6 | **Yes** | 0.36 | Lognormal | No | No |
| 24612 NEPTUNE AVE | 47 | 1.13 | 7 | **Yes** | 0.41 | Lognormal | No | No |
| 24627 MARBELLA AVE | 48 | 3.23 | 11 | **Yes** | 0.60 | Lognormal | No | No |
| 24629 NEPTUNE AVE | 39 | 1.95 | 8 | **Yes** | 0.54 | Lognormal | No | No |
| 24632 NEPTUNE AVE | 20 | 1.97 | 8 | **Yes** | 0.54 | Lognormal | No | No |
| 24706 MARBELLA AVE | 43 | 1.13 | 7 | **Yes** | 0.40 | Lognormal | No | No |
| 24715 NEPTUNE AVE | 37 | 1.4 | 5 | **Yes** | 0.47 | Lognormal | No | No |
| 24718 NEPTUNE AVE | 65 | 2.55 | 9 | **Yes** | 0.64 | No | Yes | **Yes** |
| 24726 MARBELLA AVE | 49 | 2.66 | 17 | **Yes** | 0.65 | Lognormal | No | No |
| 24735 NEPTUNE AVE | 36 | 1.66 | 7 | **Yes** | 0.39 | Lognormal | No | No |
| 24749 RAVENNA AVE | 43 | 1.63 | 20 | **Yes** | 0.39 | Lognormal | No | No |
| 24812 PANAMA AVE | 29 | 1.21 | 5 | **Yes** | 0.43 | Lognormal | No | No |
| 24815 NEPTUNE AVE | 30 | 2.49 | 14 | **Yes** | 0.45 | Lognormal | No | No |
| 321 244TH ST | 40 | 1.78 | 6 | **Yes** | 0.43 | Lognormal | No | No |
| 344 249TH ST | 35 | 1.05 | 10 | **Yes** | 0.26 | Lognormal | No | No |
| 357 244TH ST | 40 | 1.24 | 5 | **Yes** | 0.46 | Lognormal | No | No |
| 378 249TH ST | 41 | 0.82 | 8 | **Yes** | 0.27 | Lognormal | No | No |

Note: "BTV" background threshold value

**Table 5-3.2**
**Summary of Detailed Background Evaluation for Arsenic**
Former Kast Property
Carson, CA

| Location ID | Arsenic (0 to 10 ft) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Samples | Maximum Detected Value (mg/kg) | Number of BTV (12 mg/kg) Exceedances | 1-Sample Proportion Test Is Site > Background? | Coefficient of Variation | Fits Normal or Lognormal Distribution? | Break Point/ Inflection? | Conclusion Is Site > Background? |
| 24403 NEPTUNE AVE | 46 | 18.7 | 8 | **Yes** | 0.43 | Lognormal | No | No |
| 24411 PANAMA AVE | 37 | 43.6 | 5 | **Yes** | 0.79 | No | Yes | **Yes** |
| 24417 MARBELLA AVE | 8 | 24.6 | 4 | **Yes** | 0.50 | Lognormal | No | No |
| 24506 MARBELLA AVE | 36 | 28.8 | 6 | **Yes** | 0.55 | Lognormal | No | No |
| 24522 MARBELLA AVE | 27 | 19 | 8 | **Yes** | 0.58 | Lognormal | No | No |
| 24613 MARBELLA AVE | 52 | 35.4 | 11 | **Yes** | 0.64 | No | Yes | **Yes** |
| 24613 NEPTUNE AVE | 39 | 15.2 | 5 | **Yes** | 0.51 | Lognormal | No | No |
| 24617 MARBELLA AVE | 34 | 17.2 | 6 | **Yes** | 0.39 | Lognormal | No | No |
| 24622 MARBELLA AVE | 53 | 28.4 | 6 | **Yes** | 0.64 | No | Yes | **Yes** |
| 24623 NEPTUNE AVE | 36 | 16 | 7 | **Yes** | 0.36 | Lognormal | No | No |
| 24628 MARBELLA AVE | 52 | 25.6 | 8 | **Yes** | 0.61 | Lognormal | Yes | No |
| 305 244TH ST | 54 | 28.2 | 9 | **Yes** | 0.64 | Lognormal | No | No |
| 321 244TH ST | 40 | 50.9 | 6 | **Yes** | 0.89 | No | Yes | **Yes** |
| 331 244TH ST | 28 | 62.9 | 6 | **Yes** | 1.13 | No | Yes | **Yes** |
| 337 244TH ST | 34 | 19.3 | 5 | **Yes** | 0.53 | Lognormal | No | No |

Note: "BTV" background threshold value

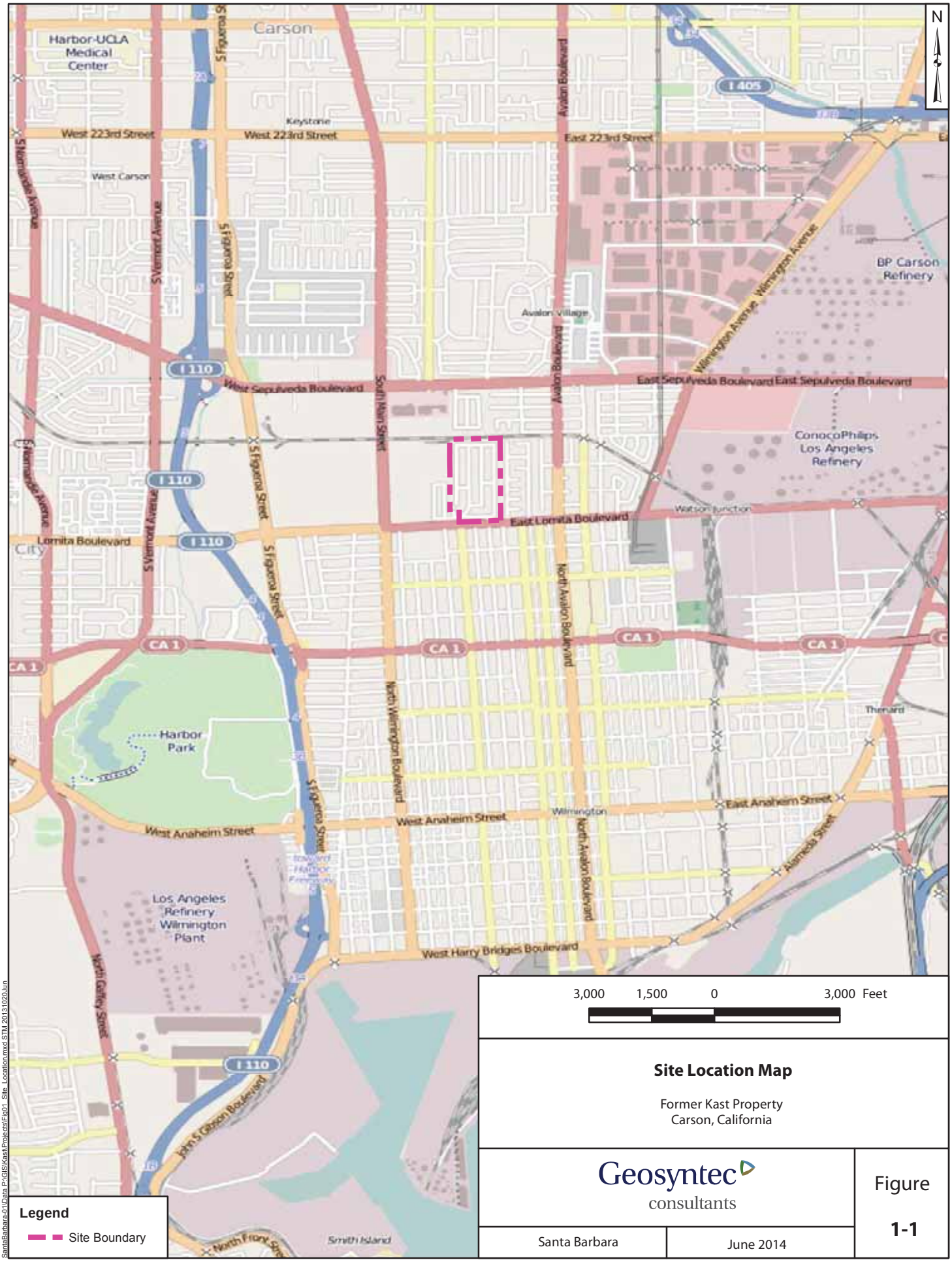
**Table 5-3.3**
**Summary of Detailed Background Evaluation for Thallium**
Former Kast Property
Carson, CA

| Location ID | Thallium (0 to 10 ft) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Number of Samples | Maximum Detected Value (mg/kg) | Number of BTV (0.23 mg/kg) Exceedances | 1-Sample Proportion Test Is Site > Background? | Coefficient of Variation | Fits Normal or Lognormal Distribution? | Break Point/ Inflection? | Conclusion Is Site > Background? |
| 24402 PANAMA AVE | 127 | 0.74 | 12 | **Yes** | 0.33 | Lognormal | No | No |
| 24411 PANAMA AVE | 37 | 1.06 | 10 | **Yes** | 0.61 | Lognormal | No | No |
| 24506 MARBELLA AVE | 36 | 0.61 | 14 | **Yes** | 0.31 | Lognormal | No | No |
| 24529 NEPTUNE AVE | 32 | 0.84 | 17 | **Yes** | 0.48 | Lognormal | No | No |
| 24603 MARBELLA AVE | 26 | 0.98 | 5 | **Yes** | 0.74 | Lognormal | No | No |
| 24603 RAVENNA AVE | 31 | 3.47 | 21 | **Yes** | 0.71 | No | Yes | **Yes** |
| 24608 PANAMA AVE | 22 | 2.52 | 14 | **Yes** | 0.68 | No | Yes | **Yes** |
| 24612 NEPTUNE AVE | 47 | 0.58 | 17 | **Yes** | 0.39 | Lognormal | No | No |
| 24617 MARBELLA AVE | 34 | 1.2 | 21 | **Yes** | 0.60 | No | Yes | **Yes** |
| 24707 MARBELLA AVE | 37 | 0.54 | 9 | **Yes** | 0.28 | Lognormal | No | No |
| 24713 PANAMA AVE | 34 | 0.36 | 6 | **Yes** | 0.13 | Lognormal | No | No |
| 24716 MARBELLA AVE | 30 | 0.78 | 13 | **Yes** | 0.48 | Lognormal | No | No |
| 24722 MARBELLA AVE | 34 | 0.42 | 14 | **Yes** | 0.20 | Lognormal | No | No |
| 24733 MARBELLA AVE | 32 | 0.83 | 6 | **Yes** | 0.46 | Lognormal | No | No |
| 24733 RAVENNA AVE | 40 | 0.47 | 5 | **Yes** | 0.17 | No | Yes | **Yes** |
| 24735 NEPTUNE AVE | 36 | 0.57 | 28 | **Yes** | 0.29 | Normal | No | No |
| 341 244TH ST | 48 | 0.57 | 9 | **Yes** | 0.34 | Lognormal | No | No |
| 345 249TH ST | 93 | 3.47 | 43 | **Yes** | 0.94 | Normal | No | No |
| 361 244TH ST | 23 | 0.76 | 6 | **Yes** | 0.62 | Lognormal | No | No |
| 412 249TH ST | 77 | 3.17 | 64 | **Yes** | 0.74 | Lognormal | No | No |

Note: "BTV" background threshold value

Geosyntec consultants

# FIGURES




**Site Location Map**

Former Kast Property
Carson, California

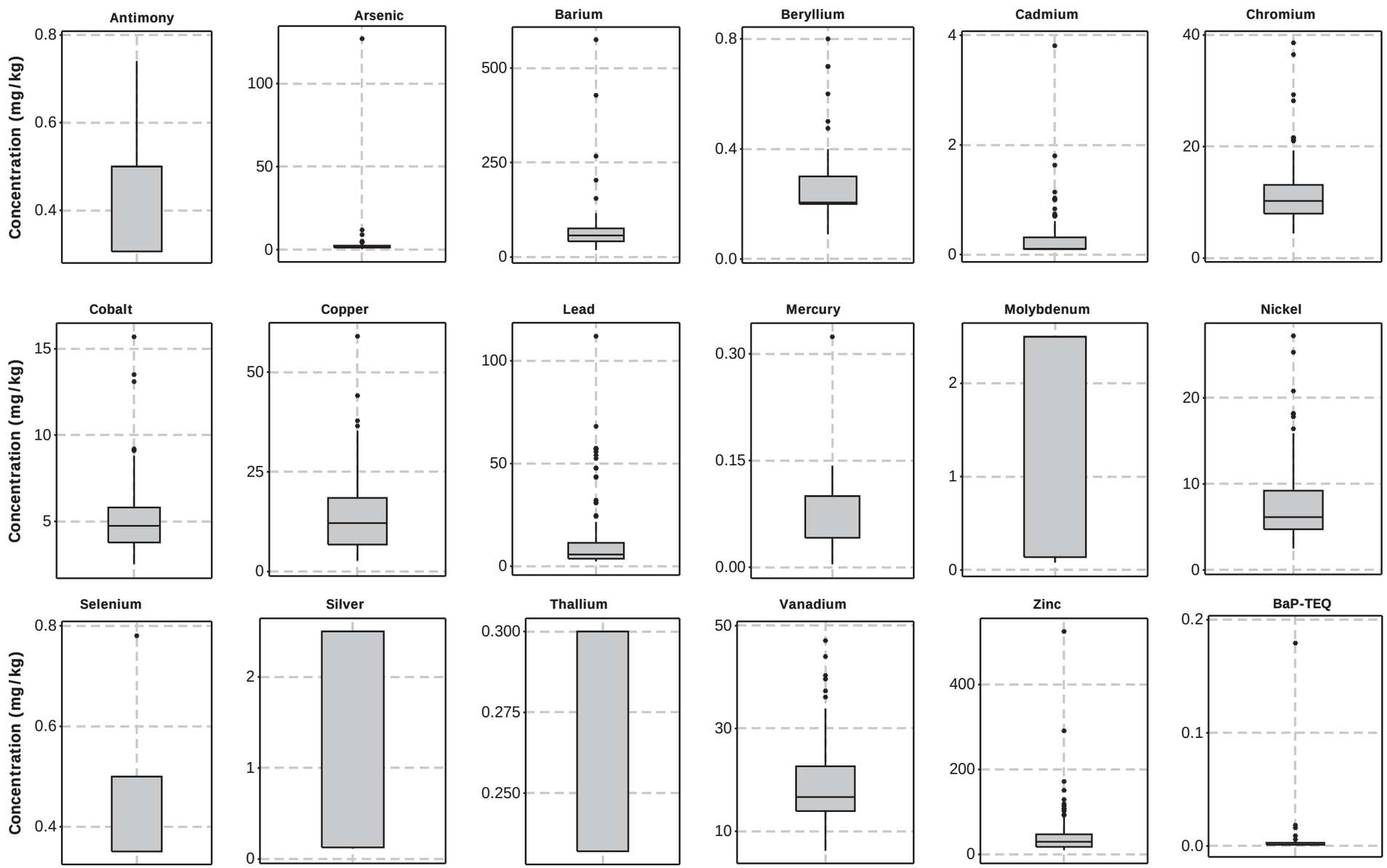
Geosyntec consultants

Santa Barbara | June 2014

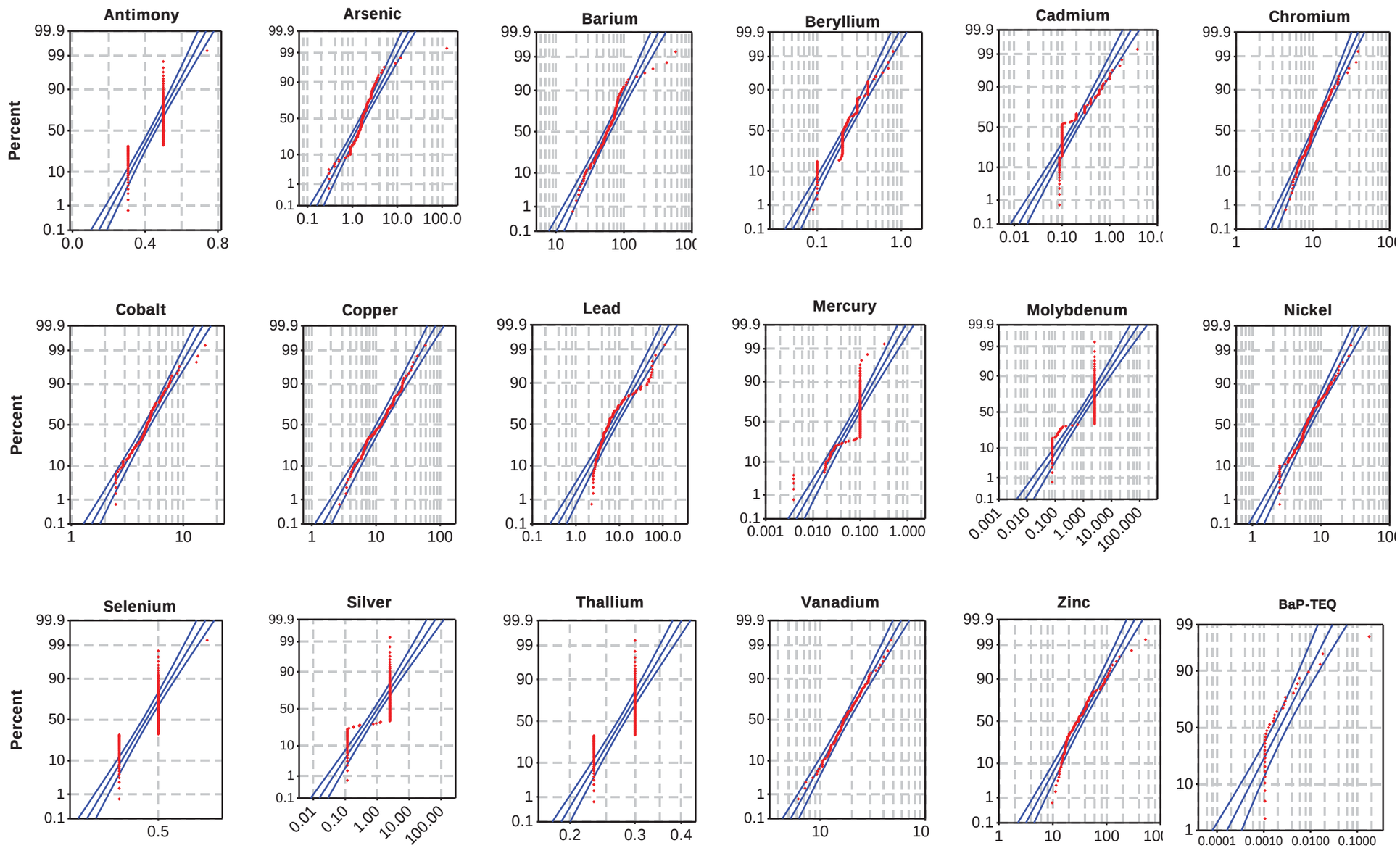
Figure 1-1

SantaBarbara-01\Data P:\GIS\Kast\Projects\Fig01_Site_Location.mxd STM 20131020Jun

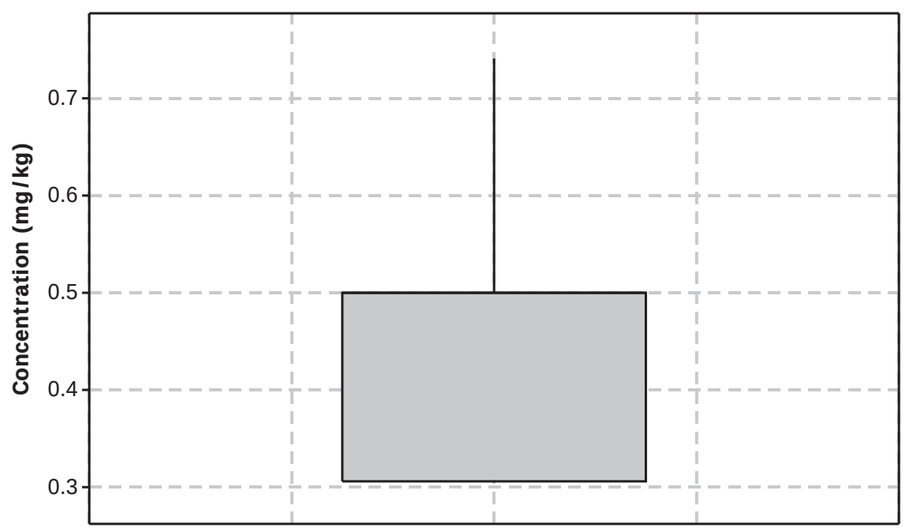
## Figure 3-1: Box Plots of Metals and cPAH Background Datasets

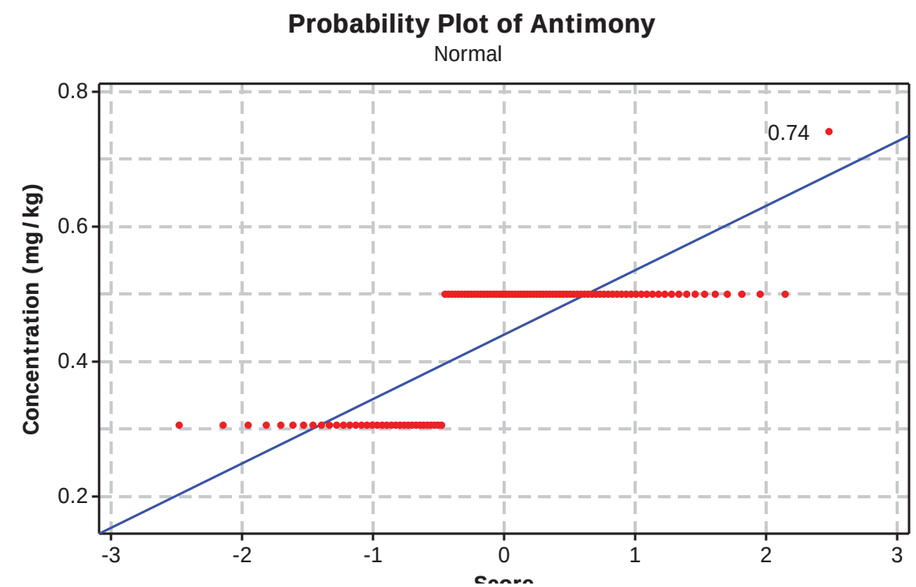


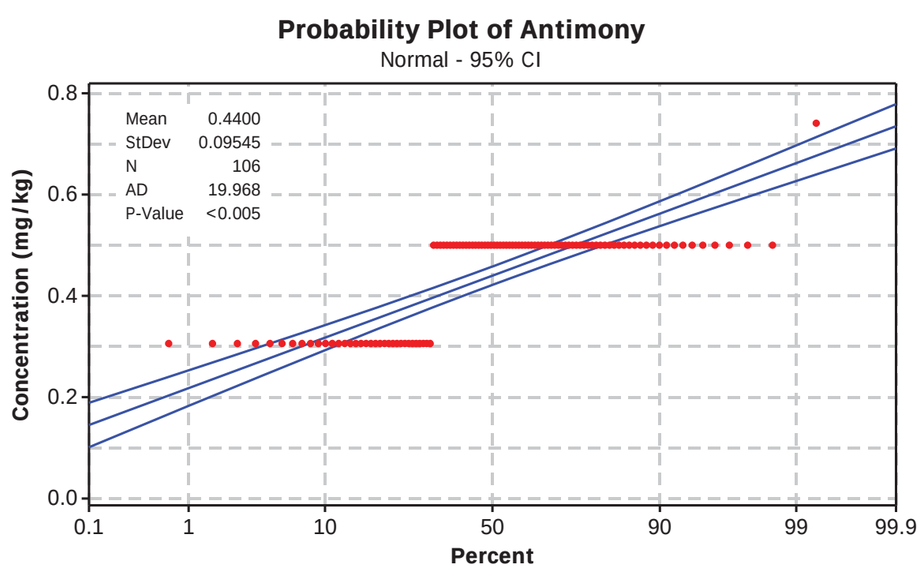
## Figure 3-2: Probability Plots of Metals and cPAH Background Datasets



# Figure 3-3.1: Antimony Outlier Evaluation



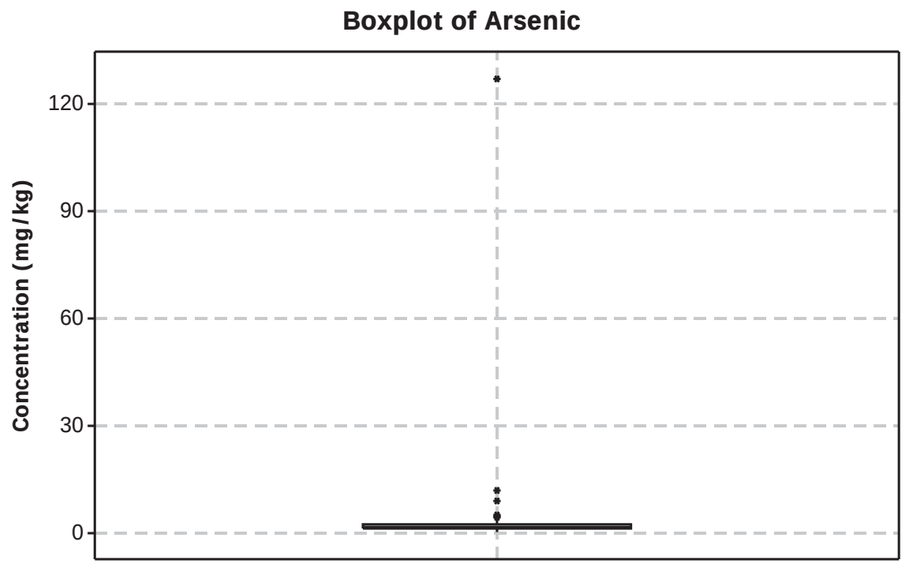



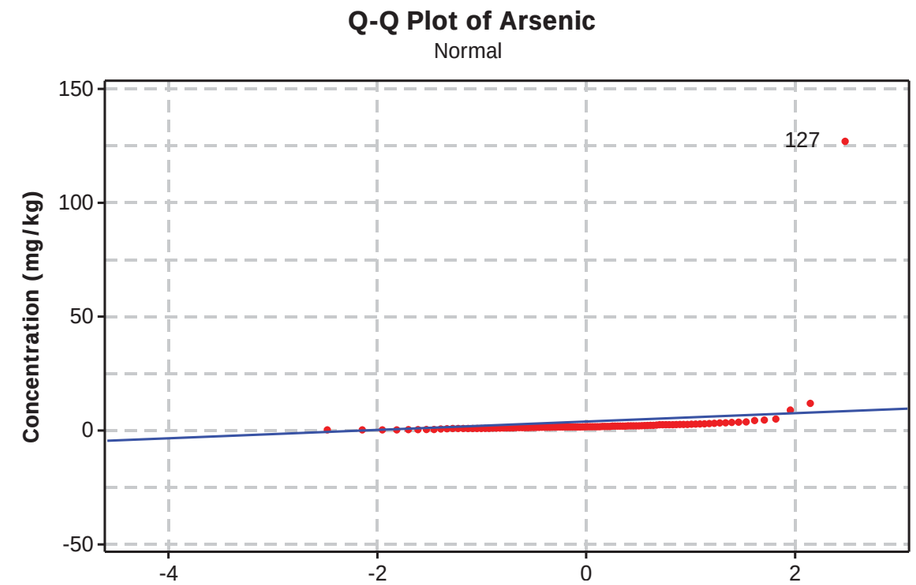

Note: Samples 99% ND (only 1 sample detected)

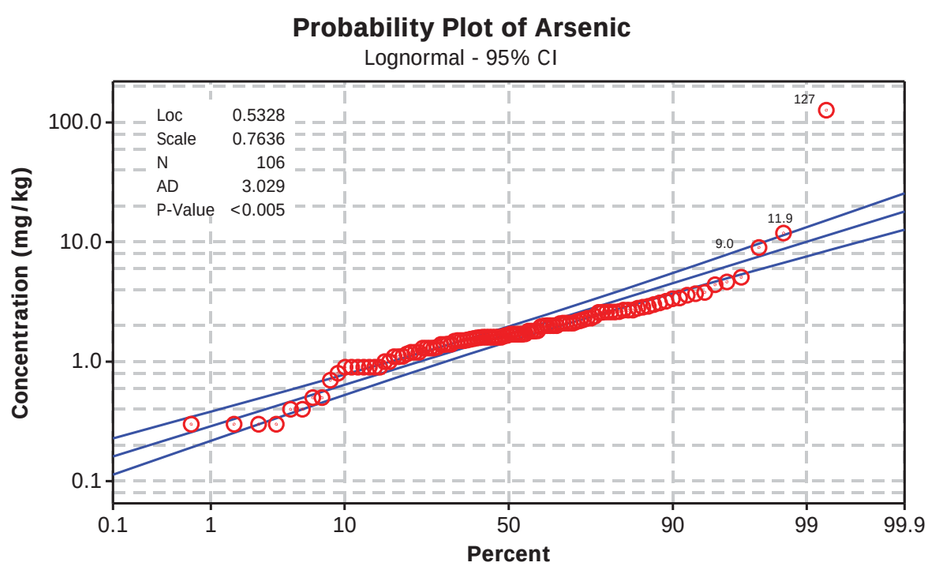
- No reliable statistical tests

- No samples were eliminated as outliers

# Figure 3-3.2: Arsenic Outlier Evaluation




- 3IR box plot Tests indicate outliers: 9, 11.9 and 127.

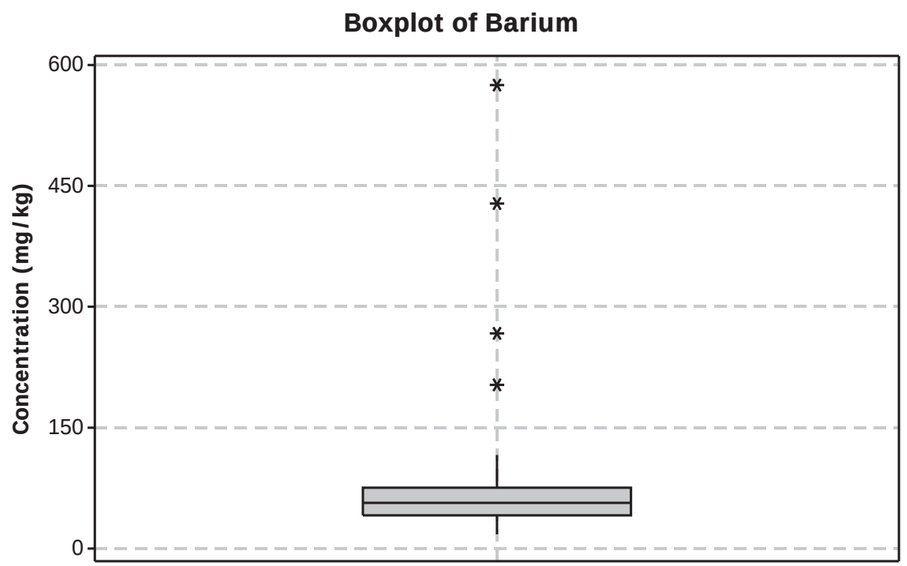
- Rosner Test indicates outlier 127.

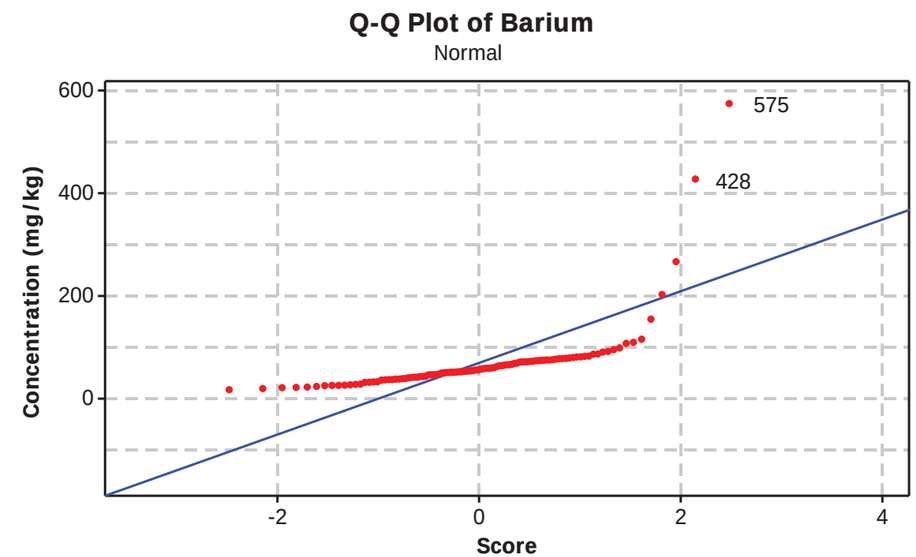
- Q-Q plot indicates one suspected outlier 127.

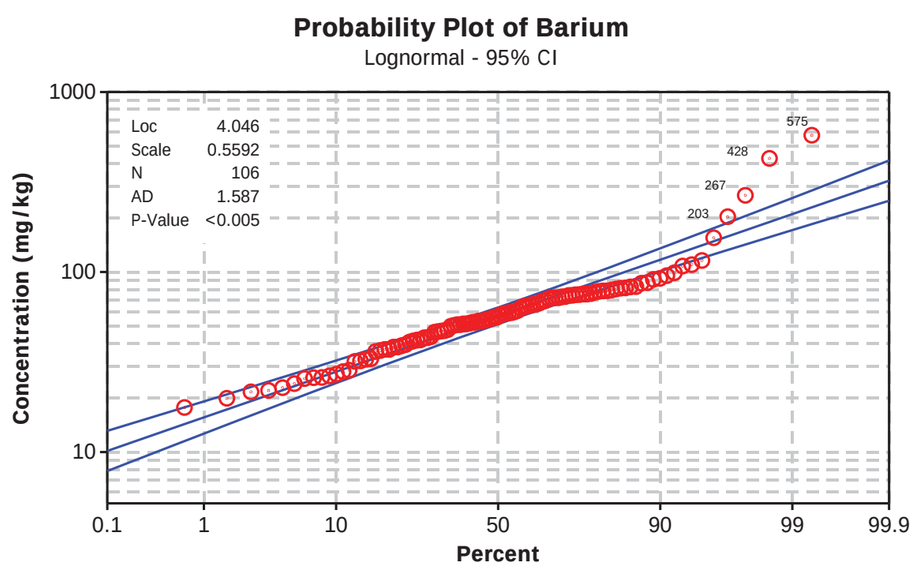
- GOF test: not normal or lognormal distribution. But the Lognormal fit shows strong linearity except one point: 127 may be considered an outlier.

- Check if the location of this data point supports this conclusion.

# Figure 3-3.3: Barium Outlier Evaluation




- 3IR suspected outliers - 203, 267, 428 and 575

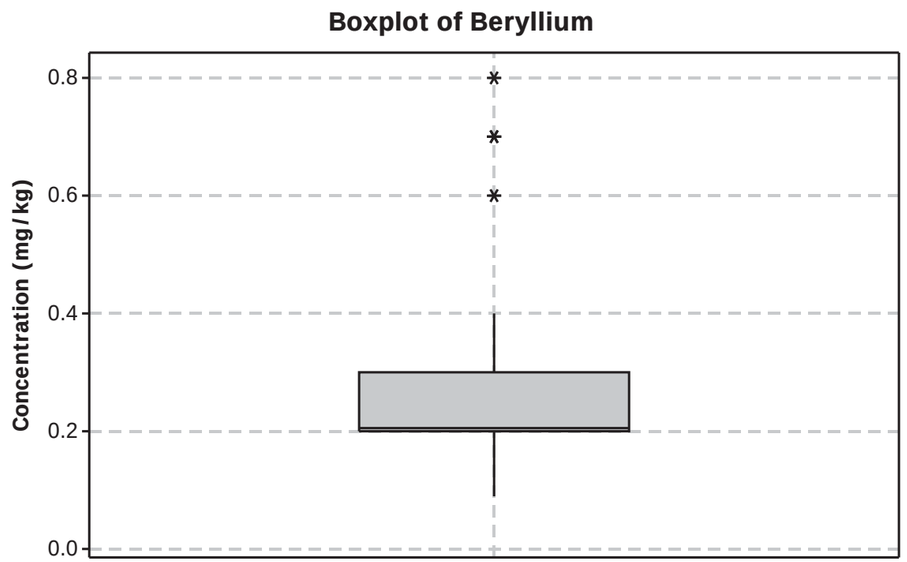
- Rosner test suspect outlier: 575

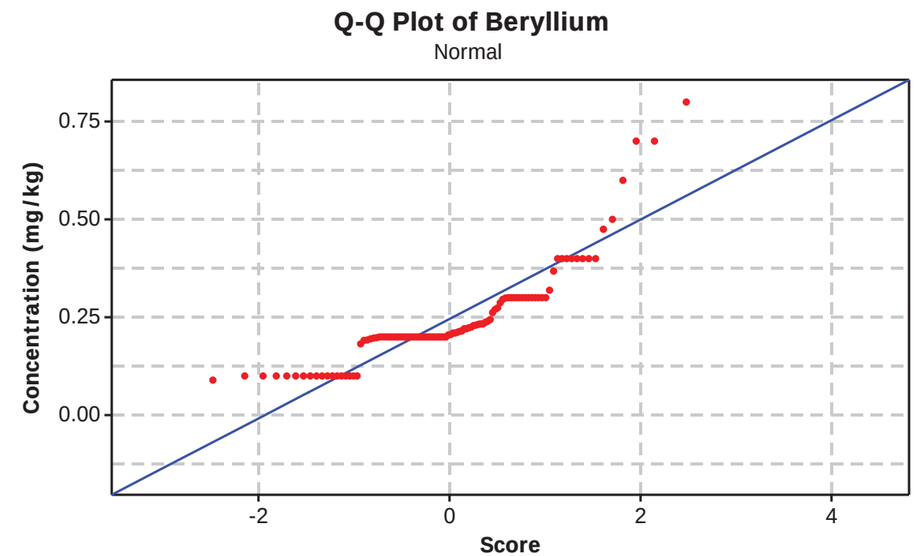
- Q-Q plot based suspected outliers - 428 and 575

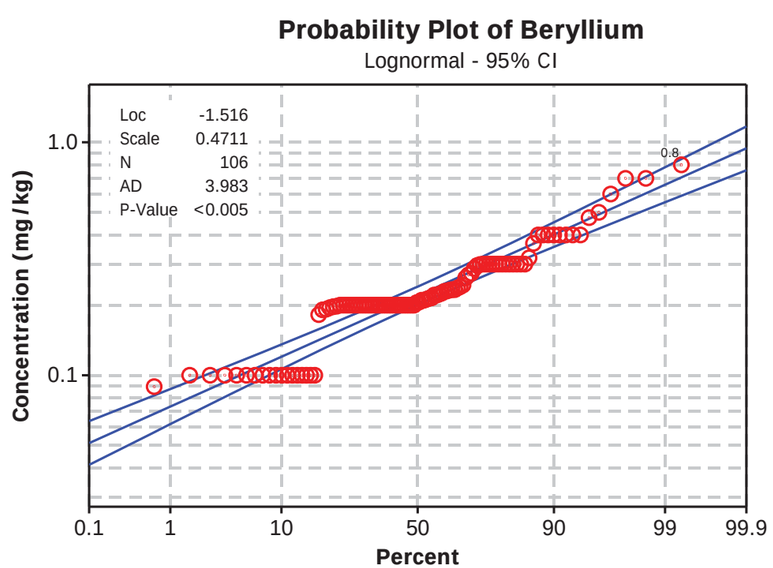
- Goodness of fit test: data does not fit normal, lognormal or gamma

- Check 428 and 575 by location

# Figure 3-3.4: Beryllium Outlier Evaluation




- 3IR suspect outliers - 0.6, 0.7, 0.7 and 0.8

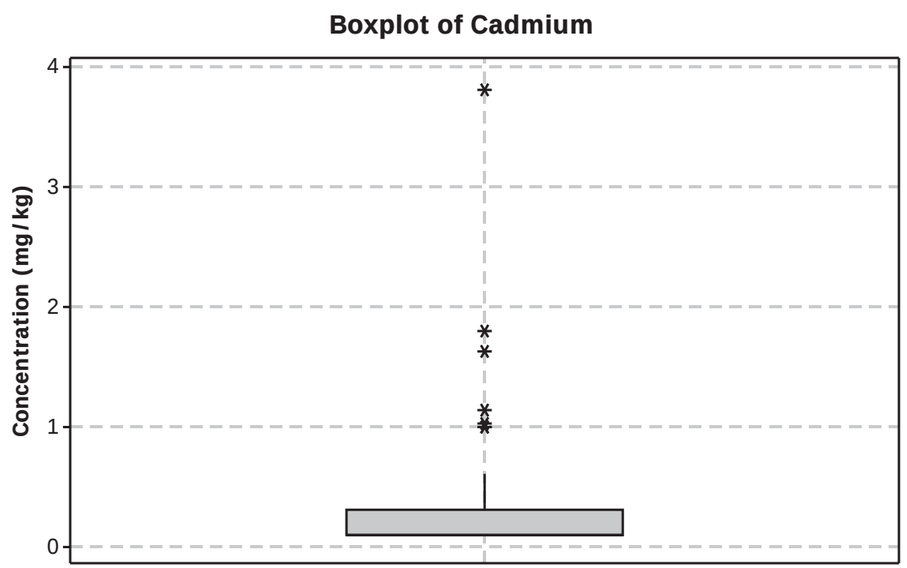
- Rosner test  suspect outlier - 0.8

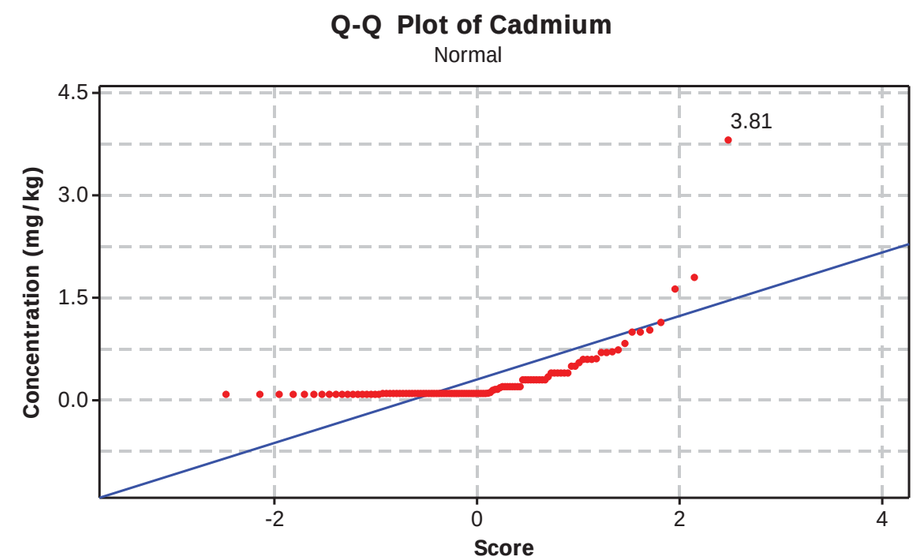
- Q-Q plot based suspected outliers - None

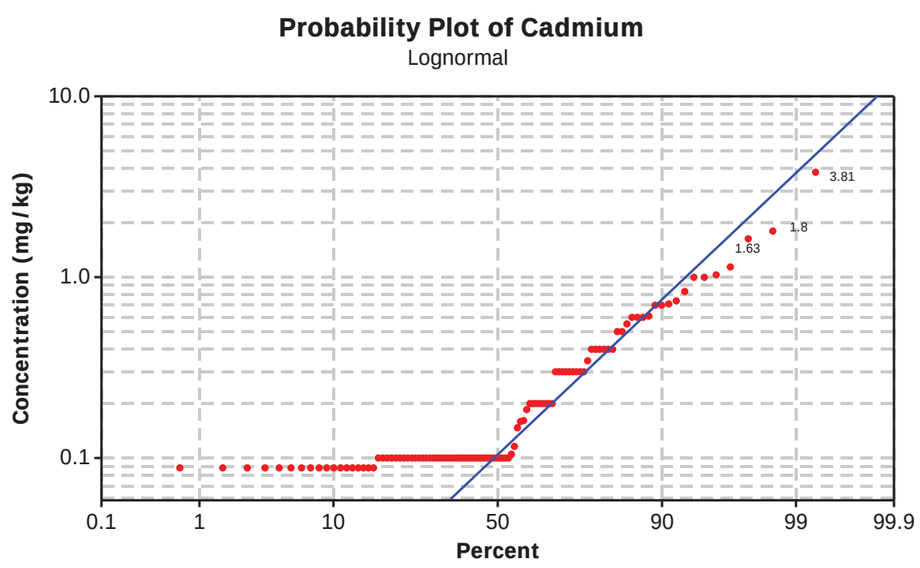
- GOF test: not N, LN, GM (close to LN)

- No outlier

# Figure 3-3.5: Cadmium Outlier Evaluation

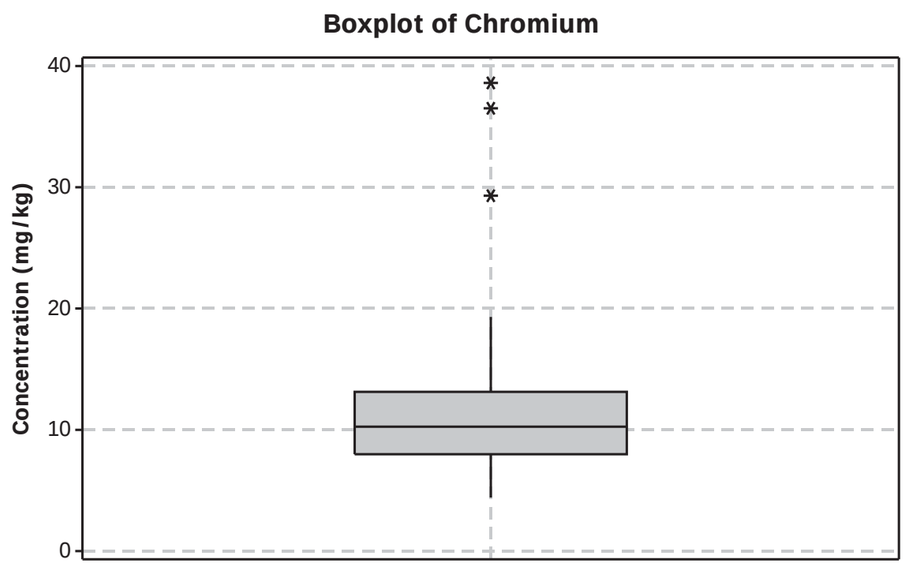


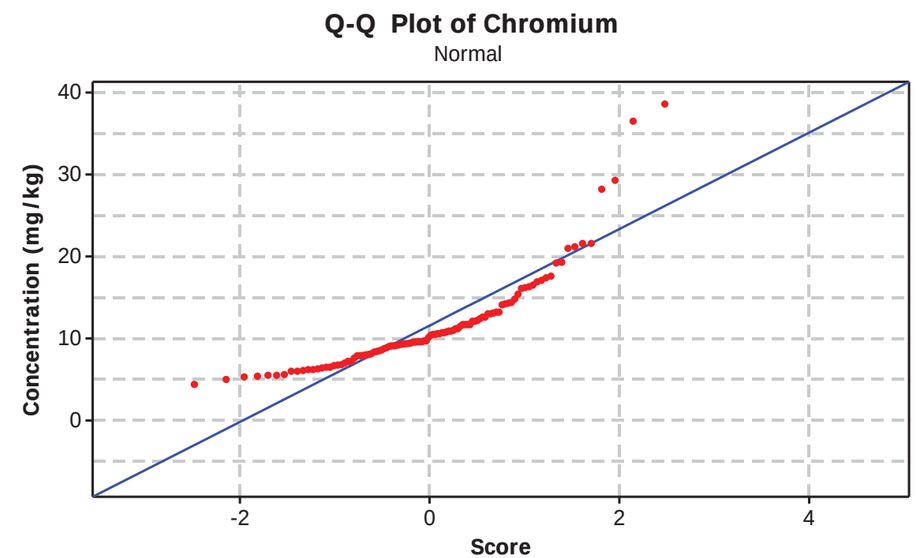



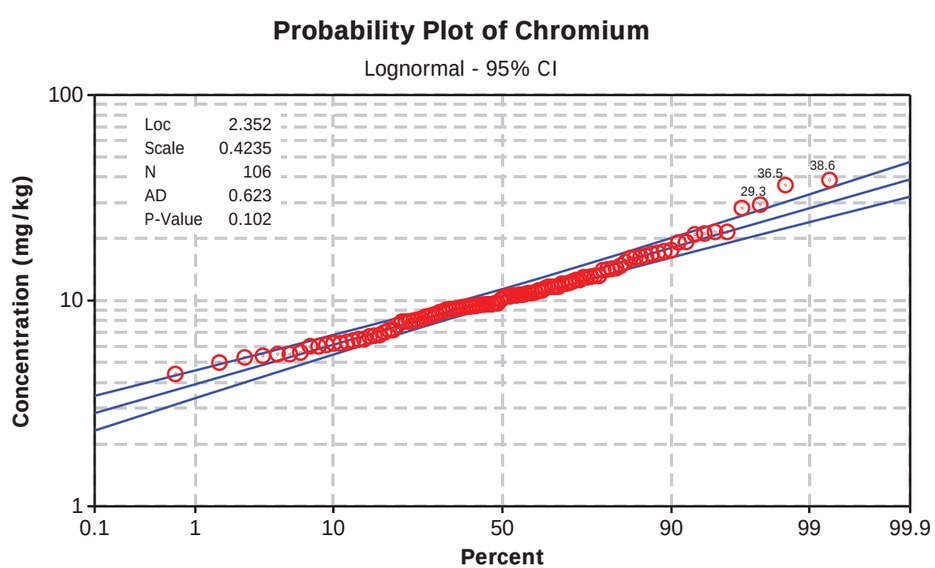




- 3IR suspected outliers - 1.0 to 3.81
- Rosner test outlier - 3.81
- Q-Q plot based suspected outliers - 3.81
- GOF test: Data appear LN
- No outlier

# Figure 3-3.6: Chromium Outlier Evaluation




- 3IR suspected outliers -29.3, 36.5 and 38.6

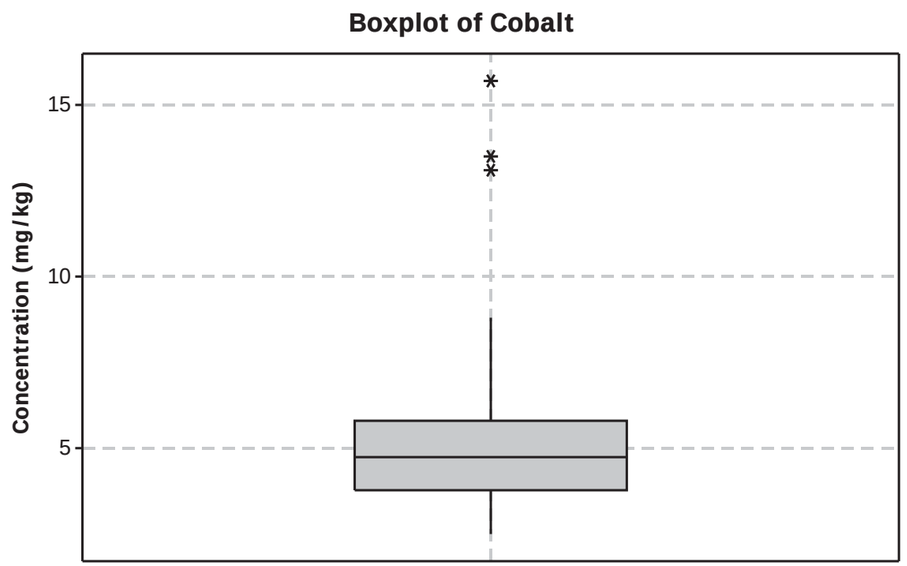
- Rosner test: 38.6

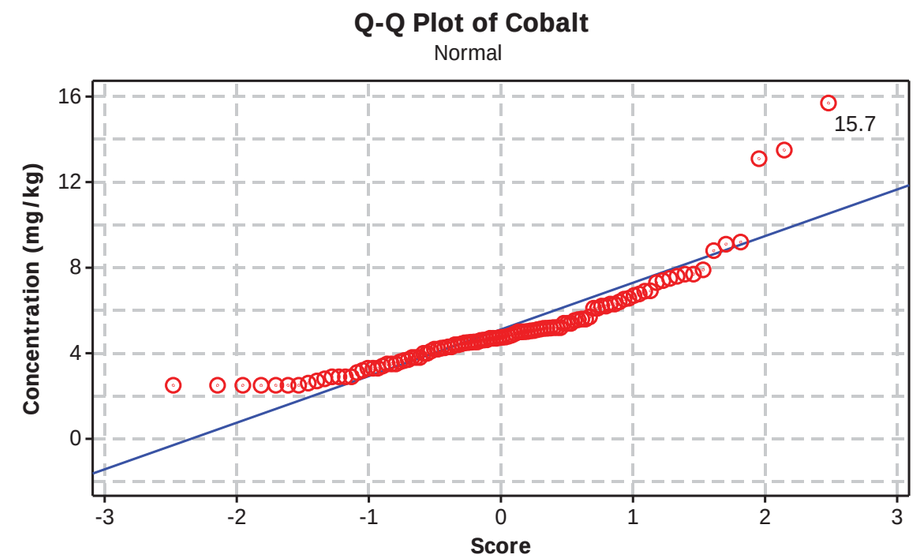
- Q-Q plot based suspected outliers - None

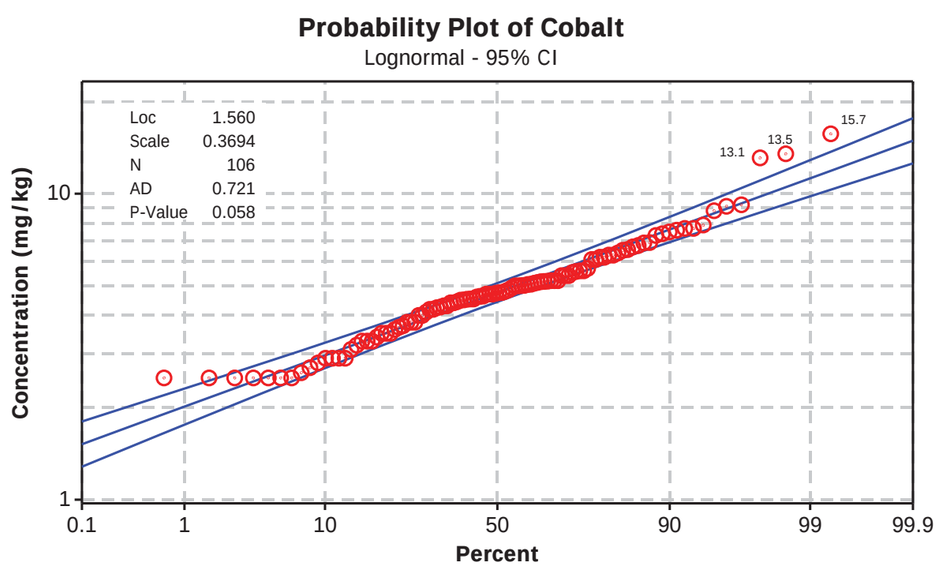
- GOF: Data appear LN

- No outlier

# Figure 3-3.7: Cobalt Outlier Evaluation




- 3IR suspected outliers - 13.1, 13.5, 15.7

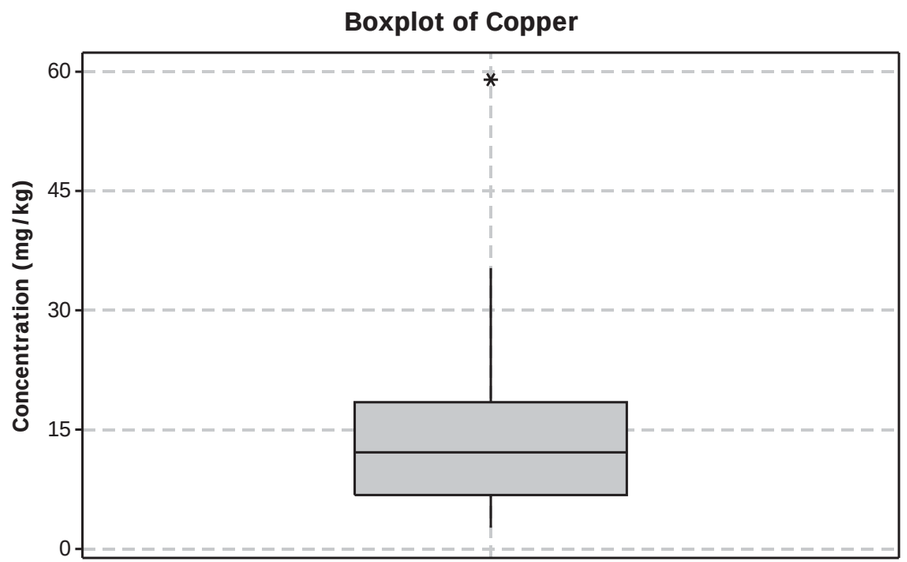
- Rosner test: 15.7

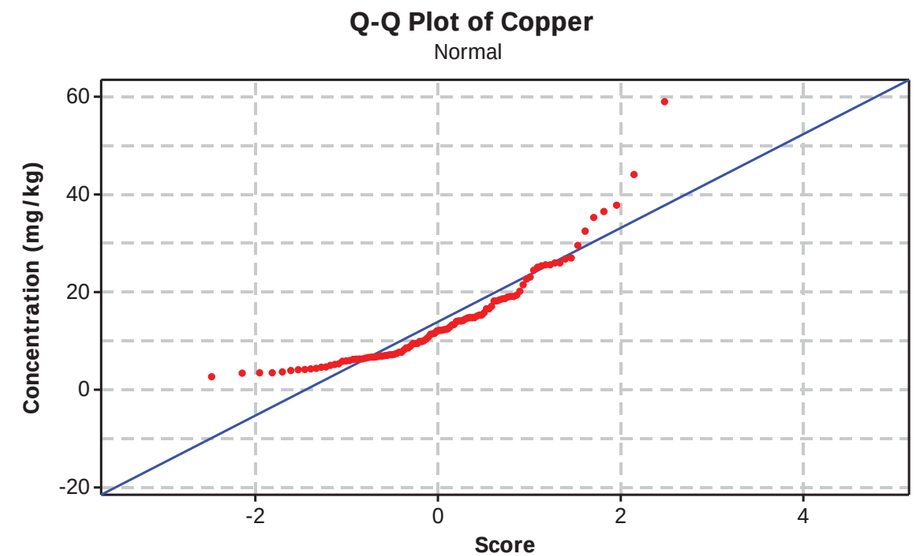
- Q-Q plot based suspected outliers - None

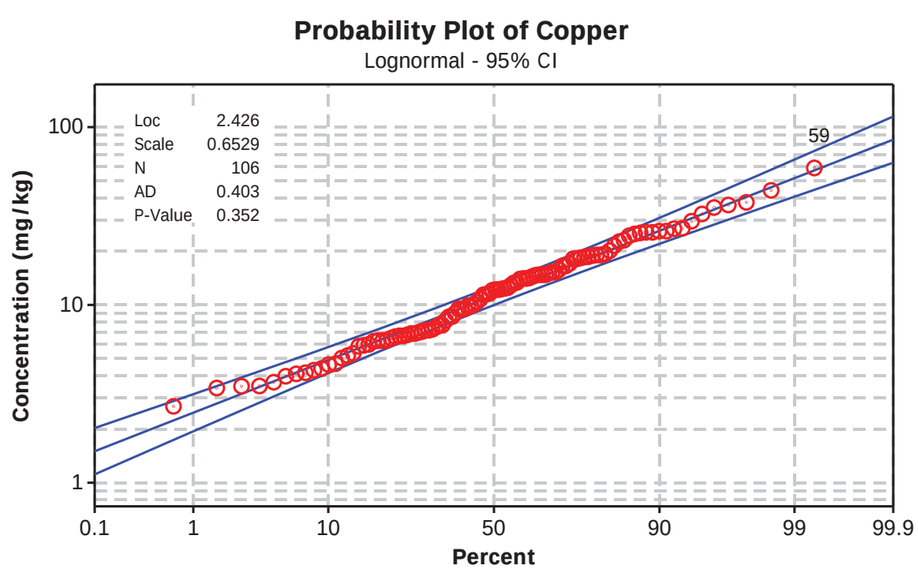
- GOF test: Lognormal

- No outlier

# Figure 3-3.8: Copper Outlier Evaluation

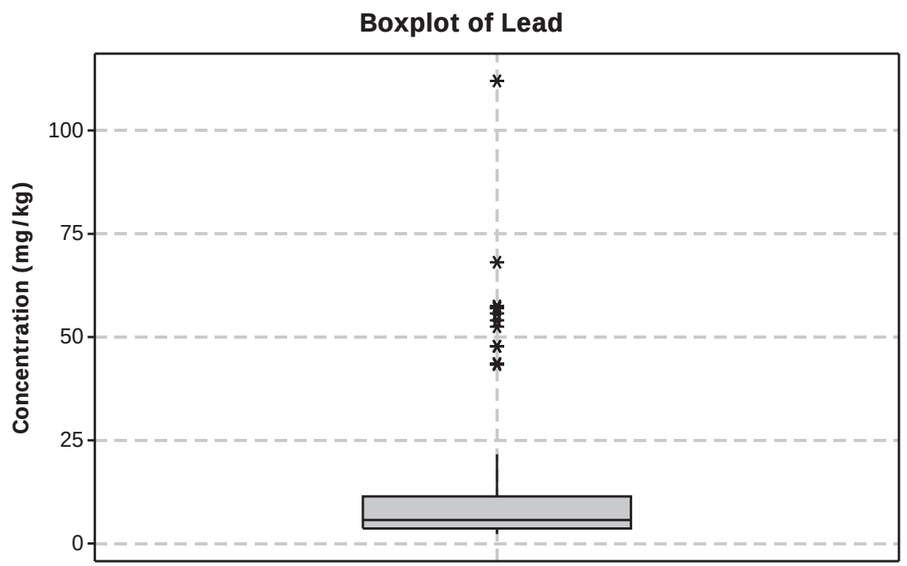


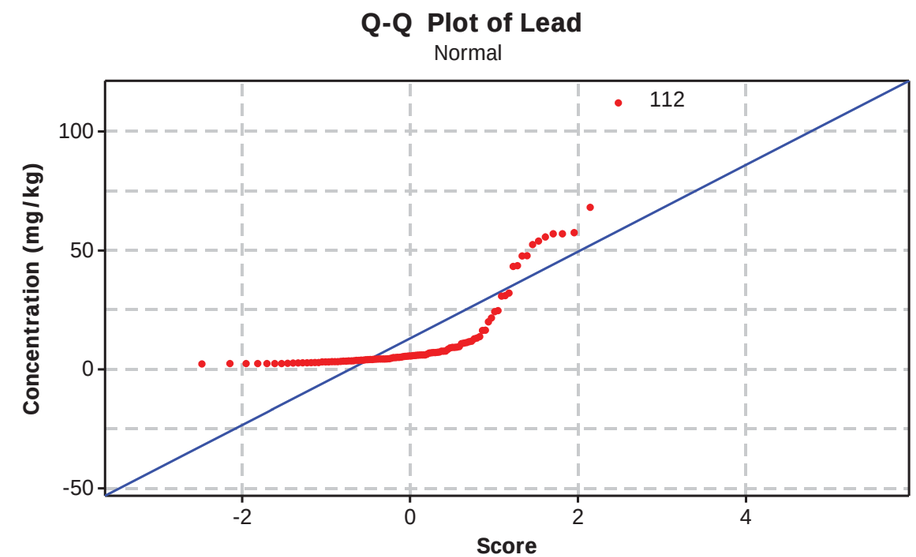



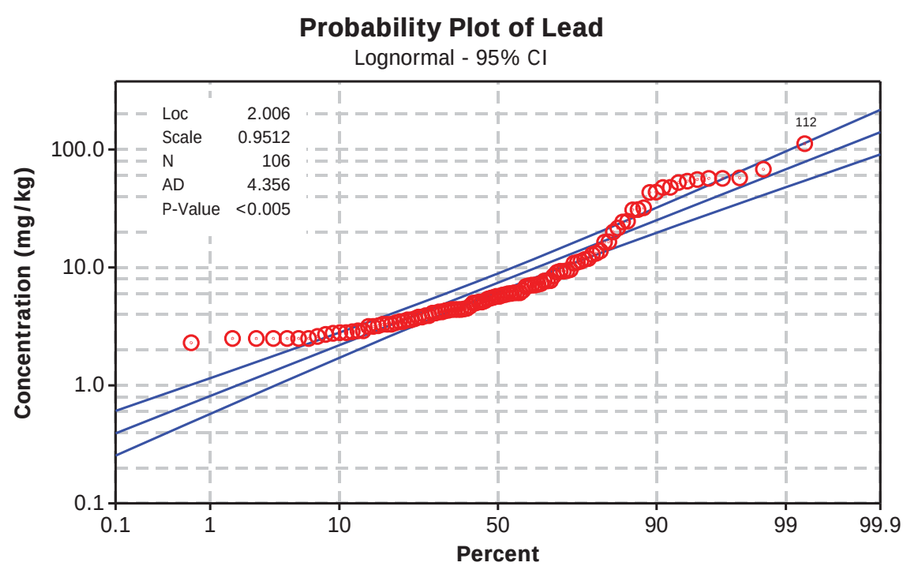




- 3IR suspected outliers - 59
- Rosner test = 59
- Q-Q plot based suspected outliers - None
- GOF test: Lognormal or gamma
- No outlier

# Figure 3-3.9: Lead Outlier Evaluation




- 3IR suspected outliers - 43.3 to 112

- Rosner test outlier = 112

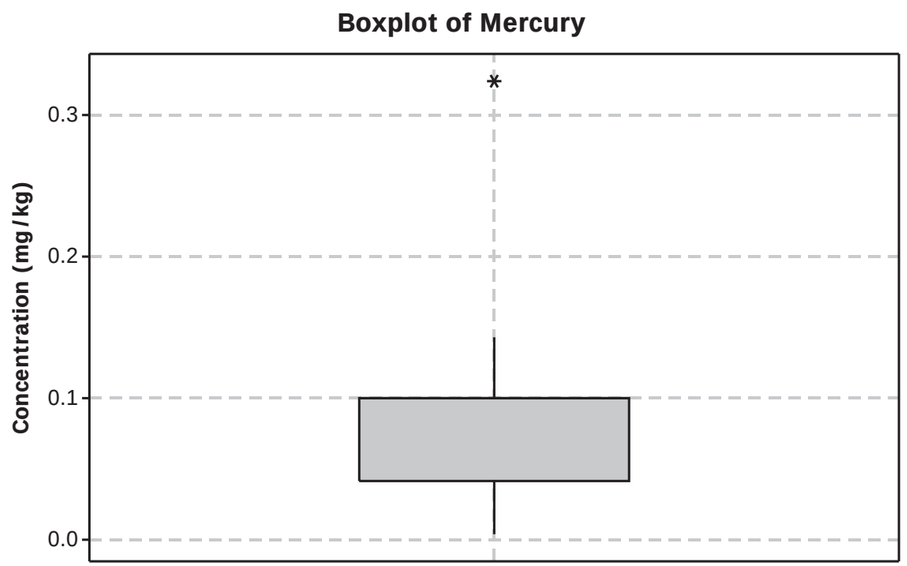
- Q-Q plot based suspected outliers - 112

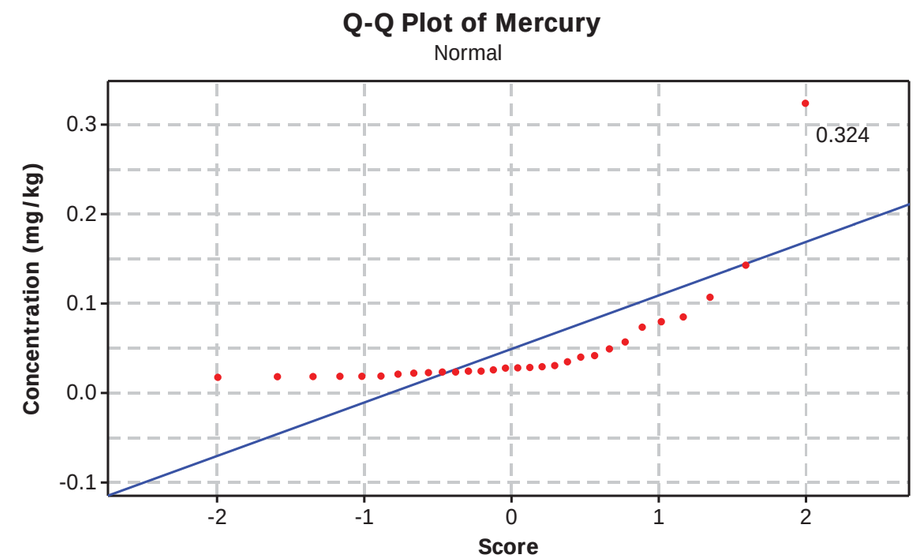
- GOF test: not N, LN or GM

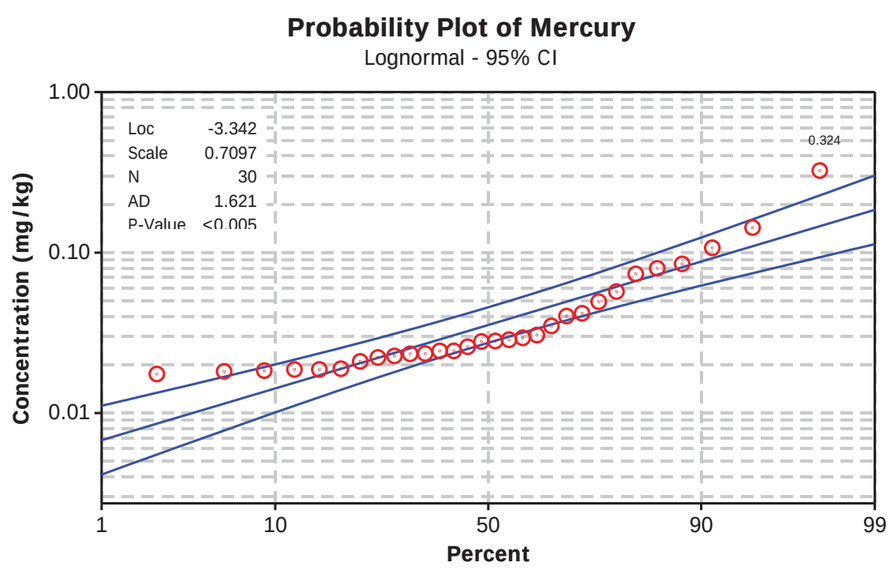
- Suspected outlier 112 does not appear to be significantly elevated than rest of data

- No outlier

# Figure 3-3.10: Mercury Outlier Evaluation




- Rosner test and 3IR suspected outliers - 0.324

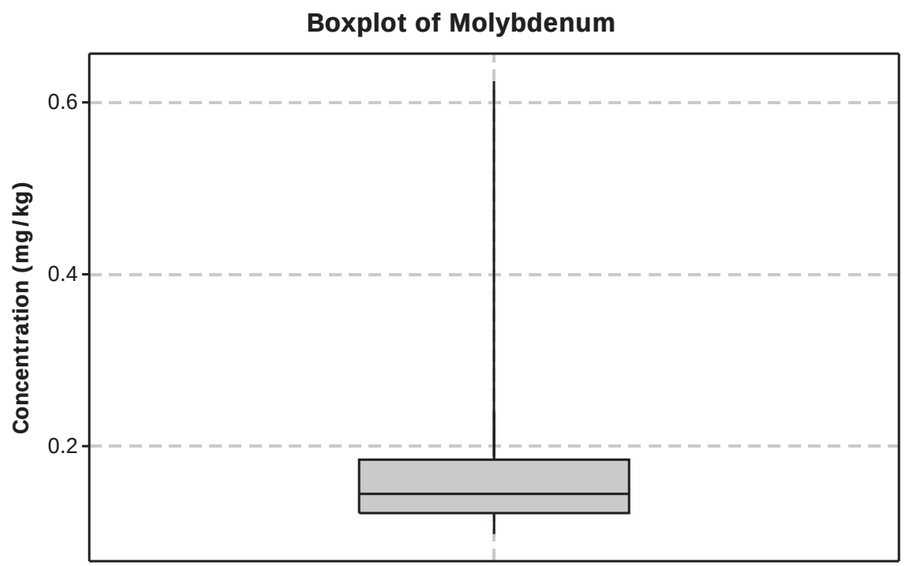
- Q-Q plot based suspected outliers - none

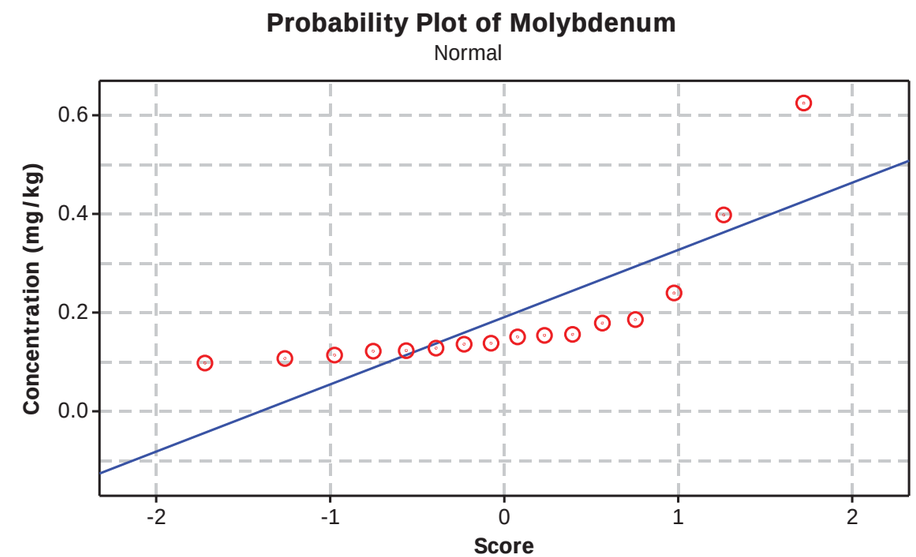
- GOF: not N or LN. Data appears fairly linear under LN.

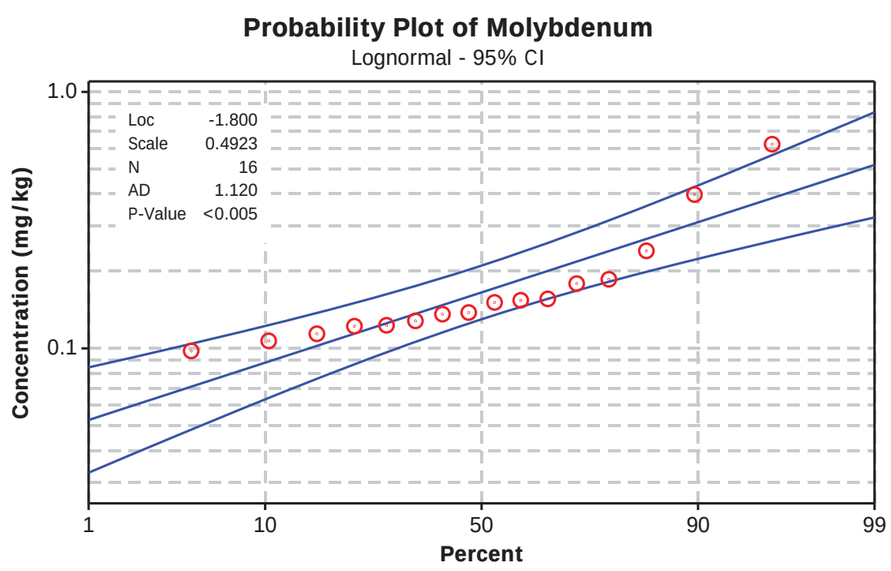
Note: %ND = 71.7%.
- Only detected values used in probability plot

- No outlier

# Figure 3-3.11: Molybdenum Outlier Evaluation



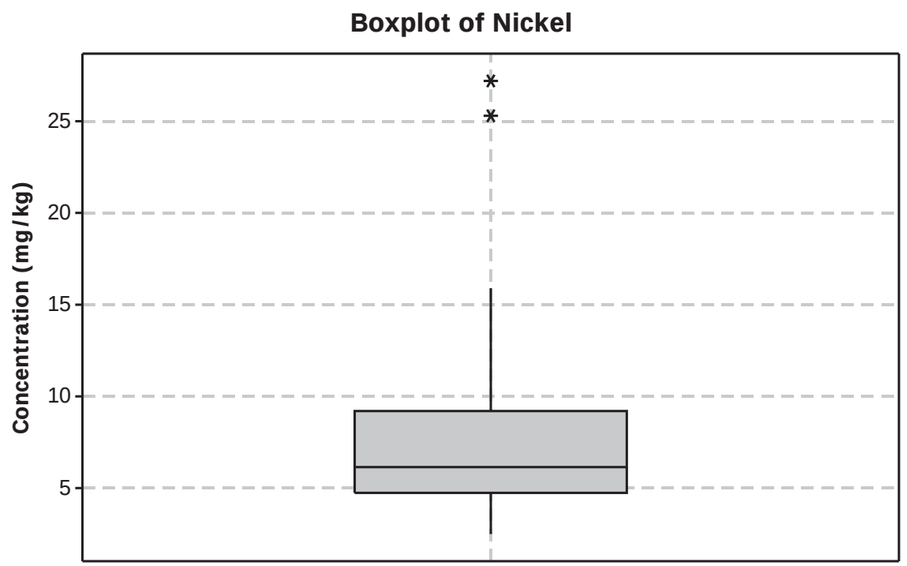



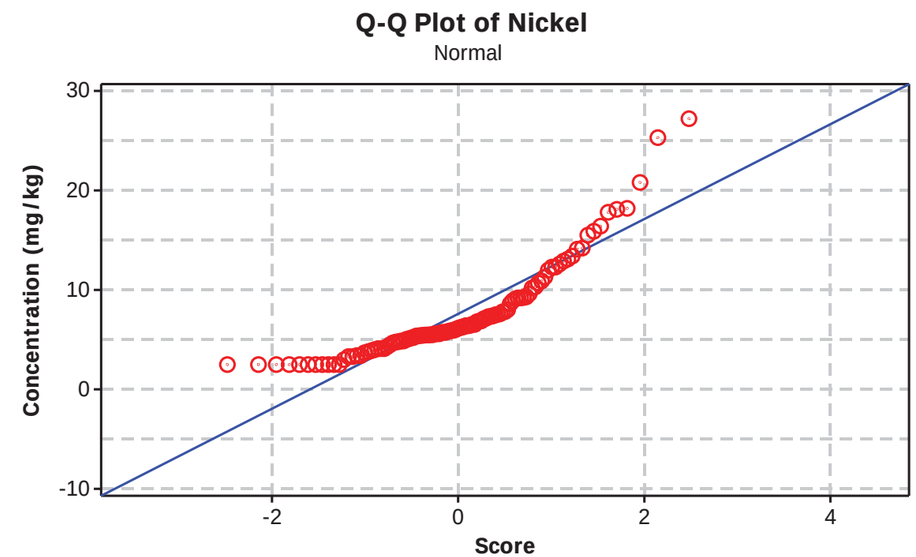

- Rosner test and 3IR suspected outliers - none

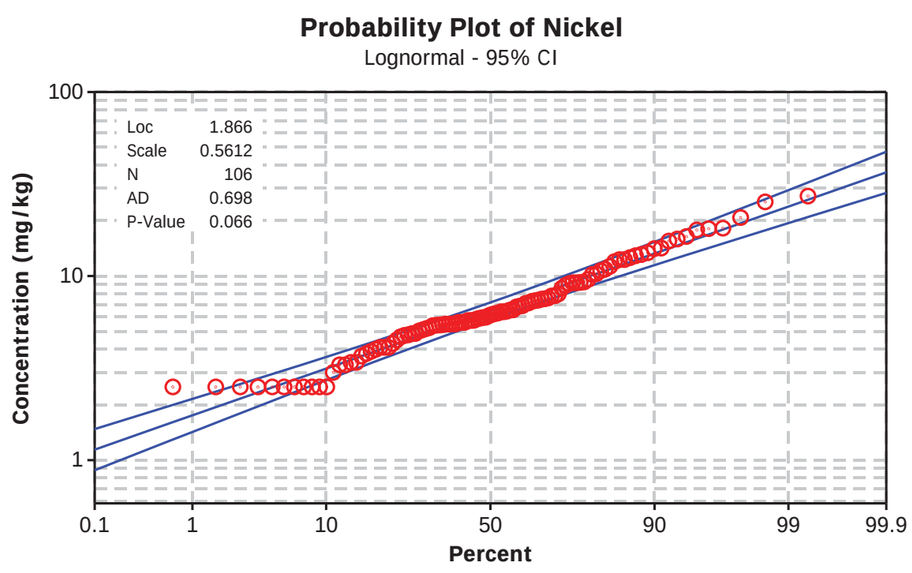
- Probability plot based suspected outliers - none

Note: %ND = 84.9%.
- Only detected values used in probability plot

# Figure 3-3.12: Nickel Outlier Evaluation




- 3IR suspected outliers -25.3, 27.2

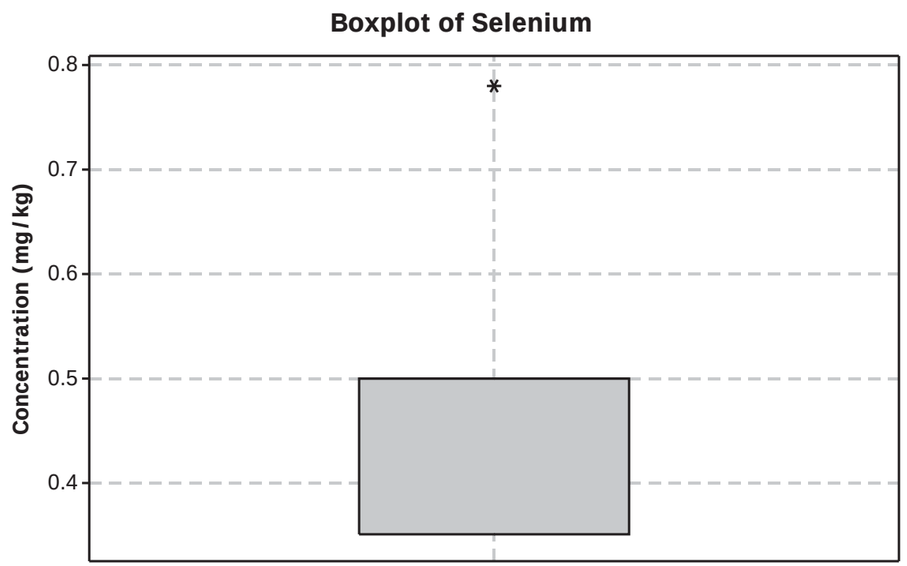
- Rosner test 27.2

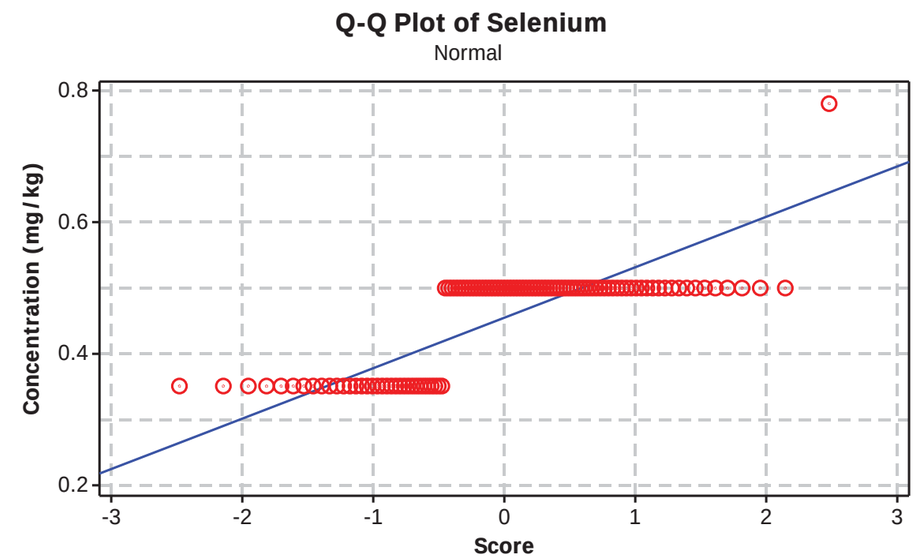
- Q-Q plot based suspected outliers - none

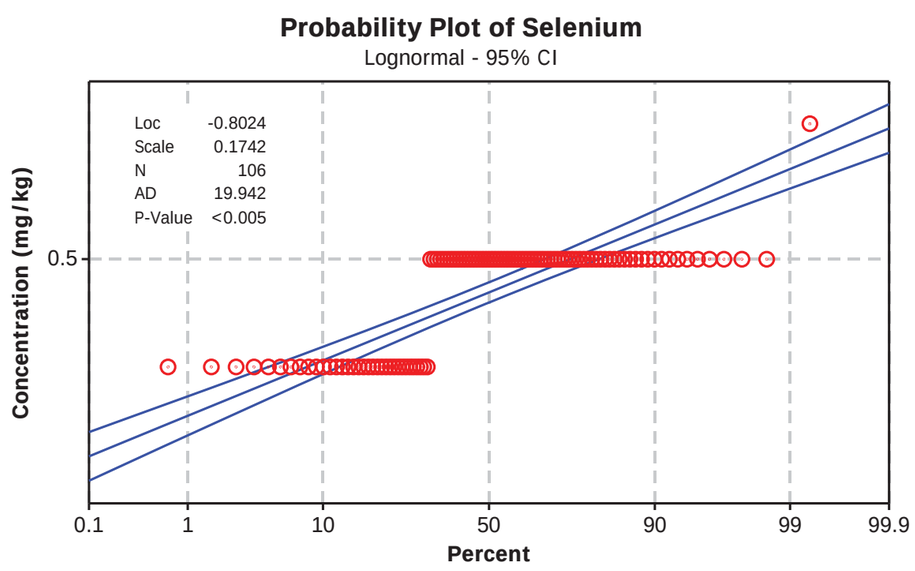
- GOF test: Lognormal

- No outlier

# Figure 3-3.13: Selenium Outlier Evaluation



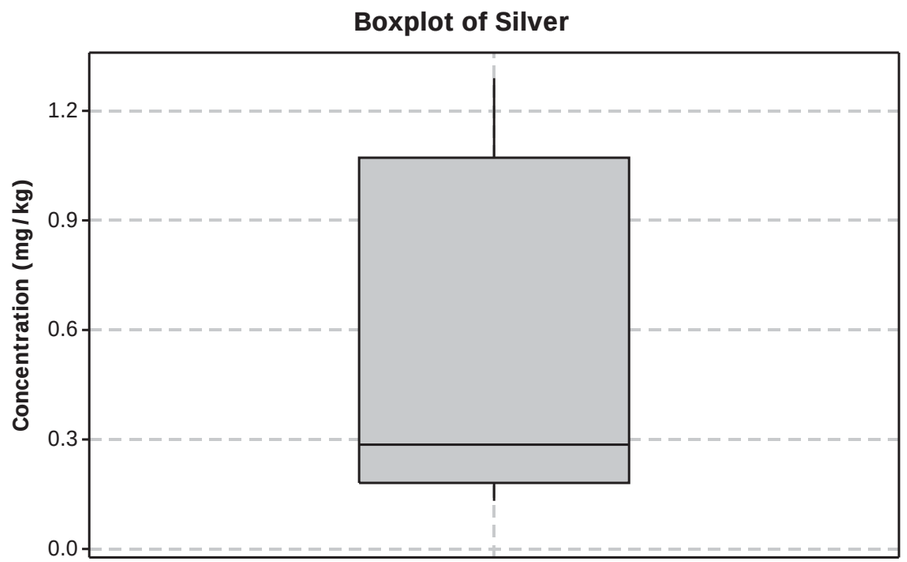



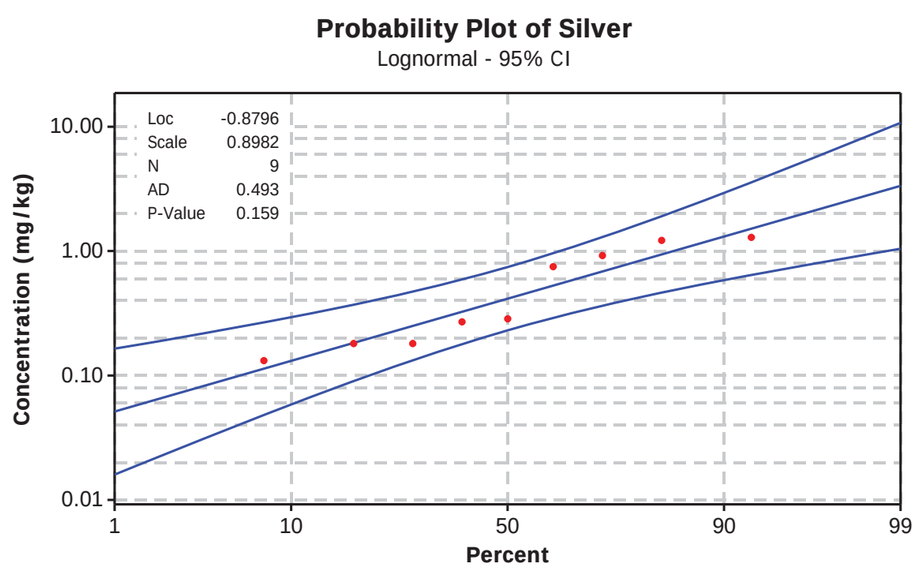

Note: Samples 99% ND (only 1 sample detected)

- No reliable statistical tests

- No samples were eliminated as outliers

# Figure 3-3.14: Silver Outlier Evaluation





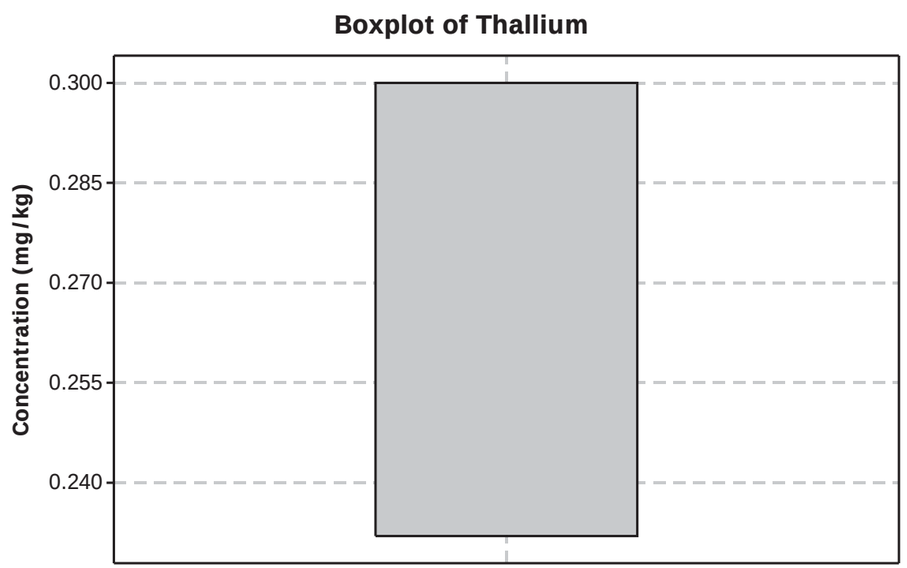

- Rosner test and 3IR suspected outliers - none

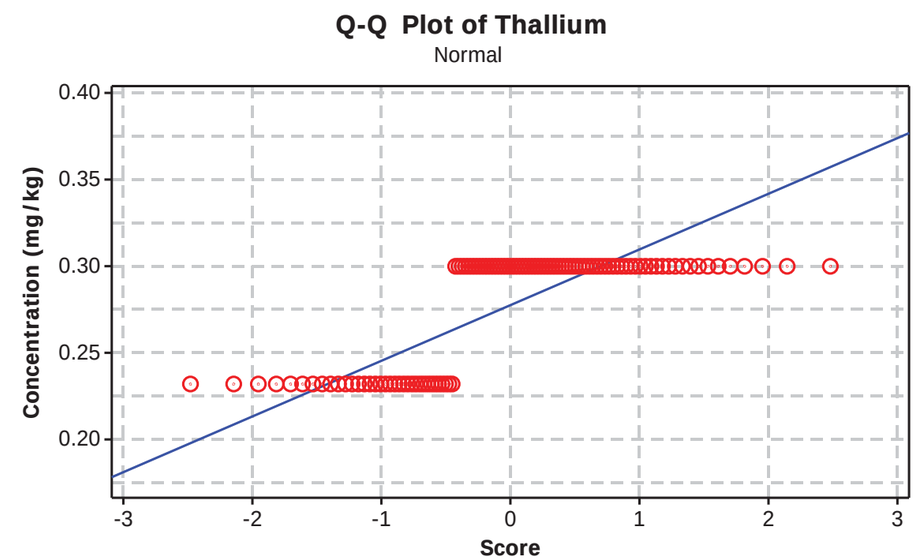
- Q-Q plot based suspected outliers - none

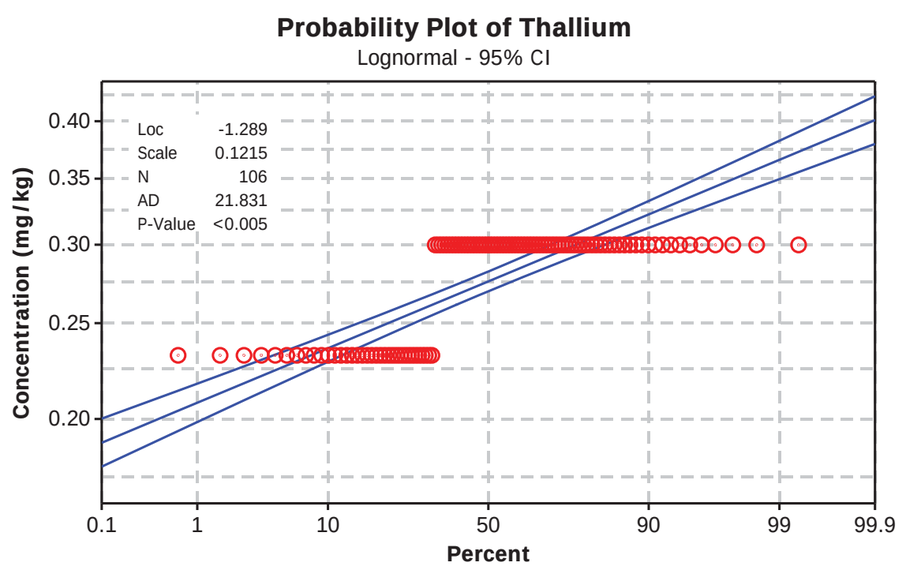
Note: %ND = 91.5%.
- Only detected values used in probability plot

- No outlier

# Figure 3-3.15: Thallium Outlier Evaluation

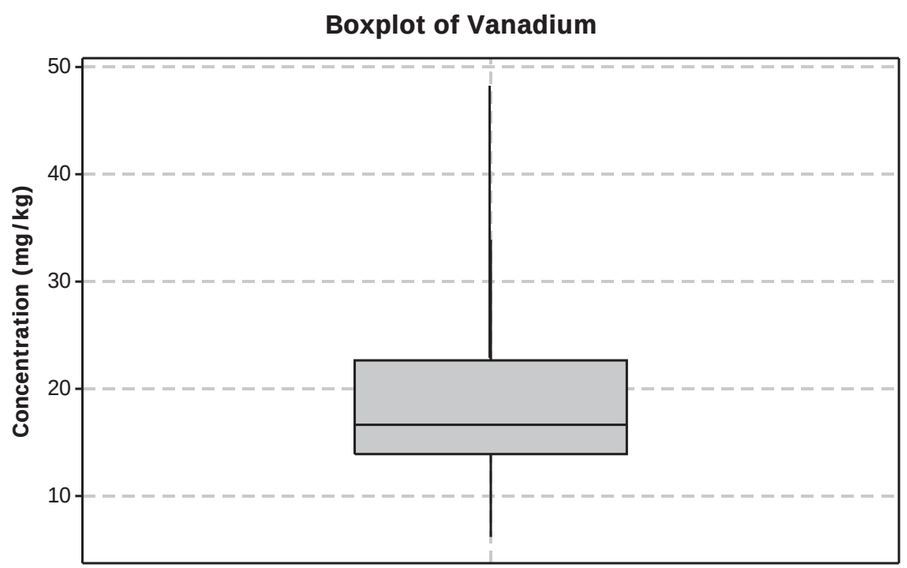


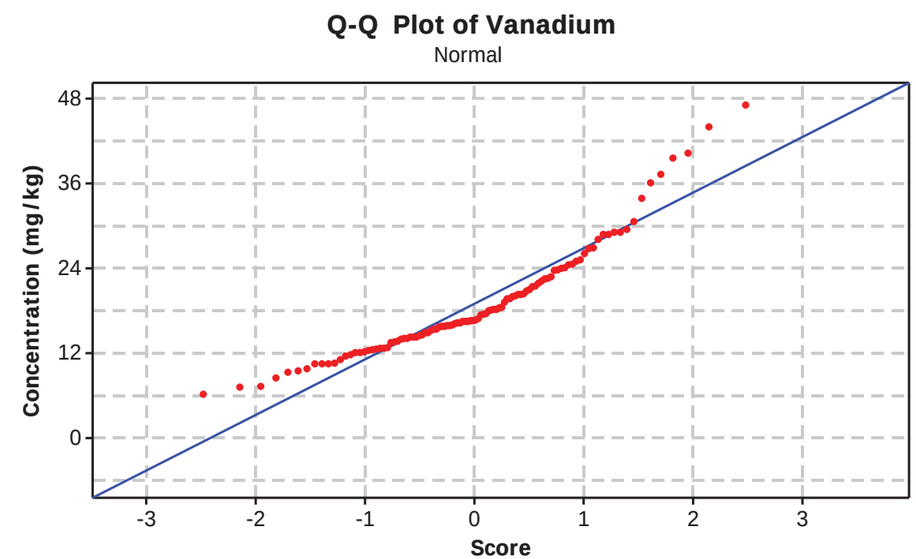



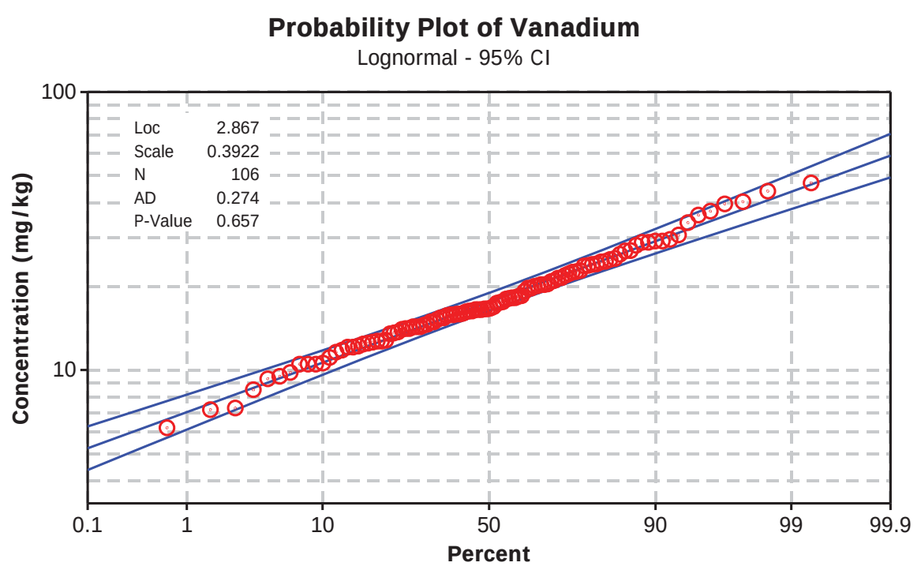




%ND = 100%

# Figure 3-3.16: Vanadium Outlier Evaluation

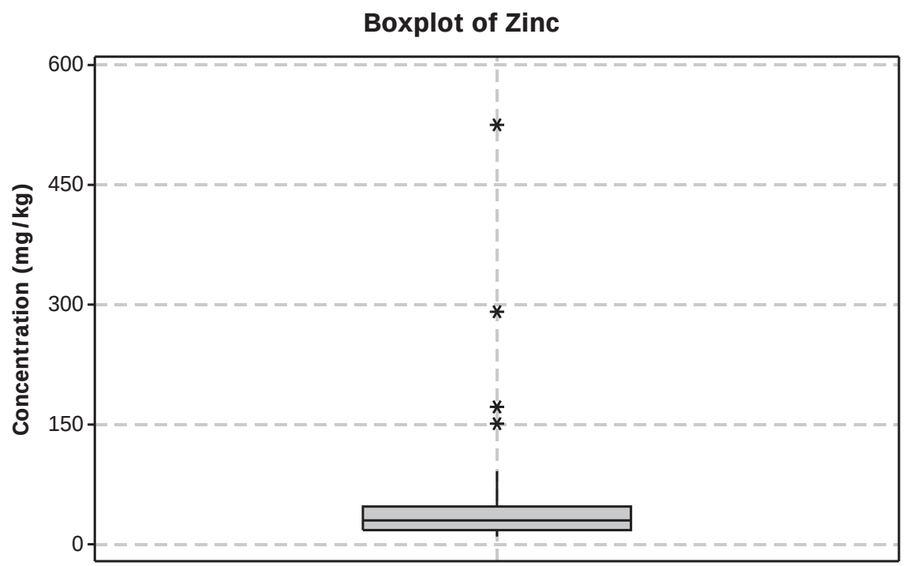


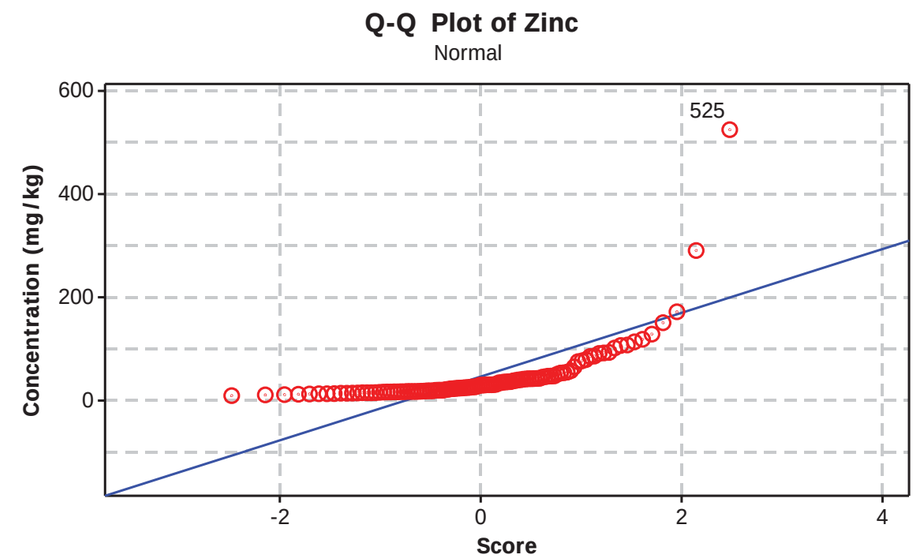



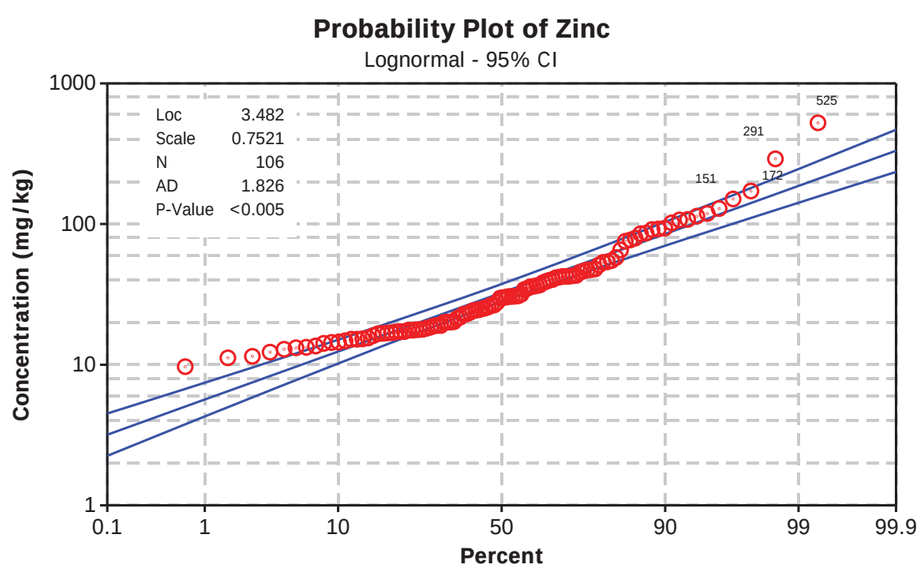




- Rosner test and 3IR suspected outliers - none
- Q-Q plot based suspected outliers - None
- GOF Test : Lognormal
- No outlier

# Figure 3-3.17: Zinc Outlier Evaluation




-3IR suspected outliers - 151, 172, 291, 525

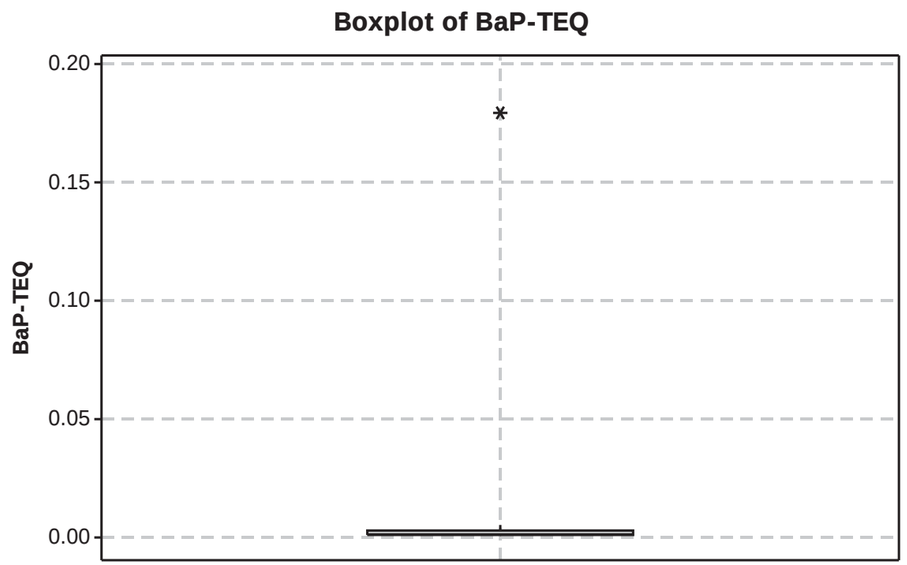
Rosner test: 525

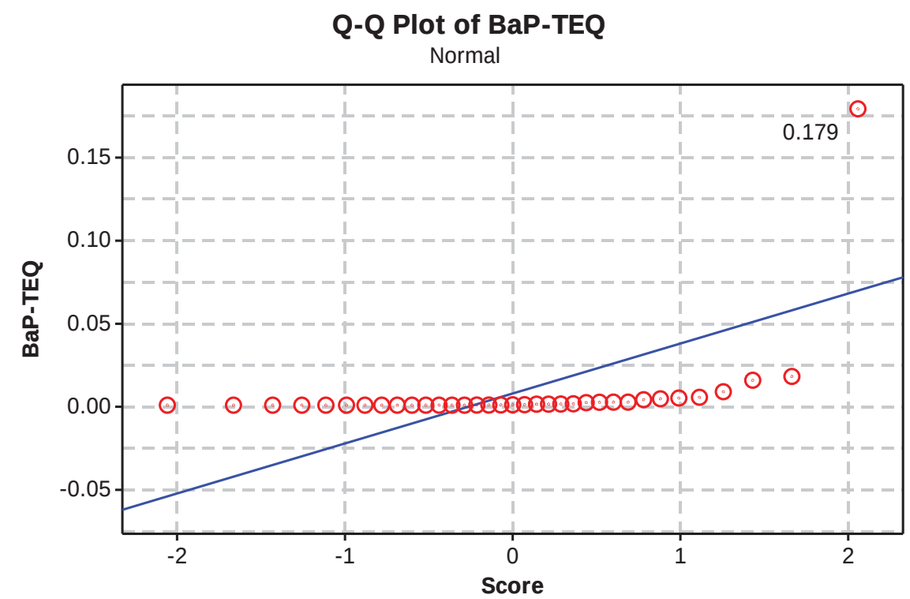
- Q-Q plot based suspected outliers - 525

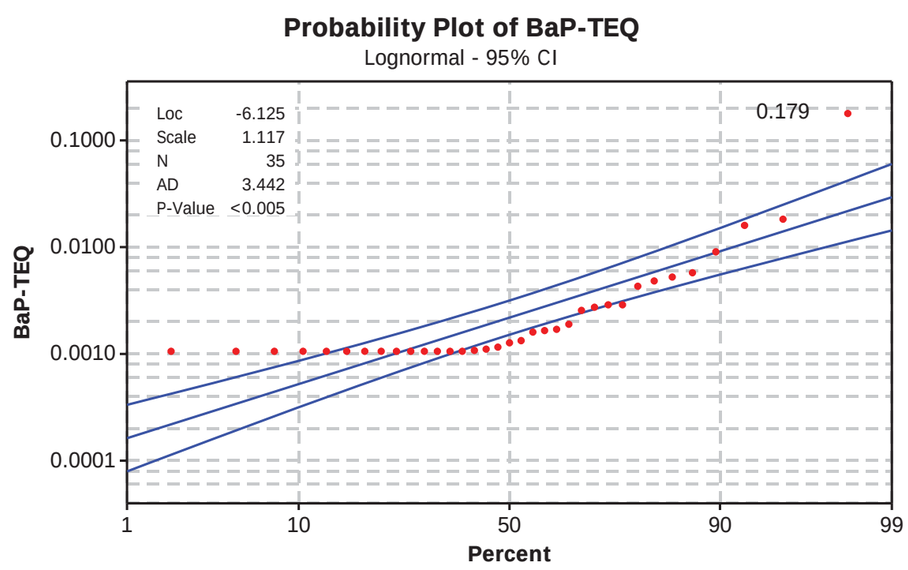
- GOF test: not LN, N or GM (close to LN)

- potential suspect outlier = 525 (check by location)

# Figure 3-3.18: cPAH Outlier Evaluation

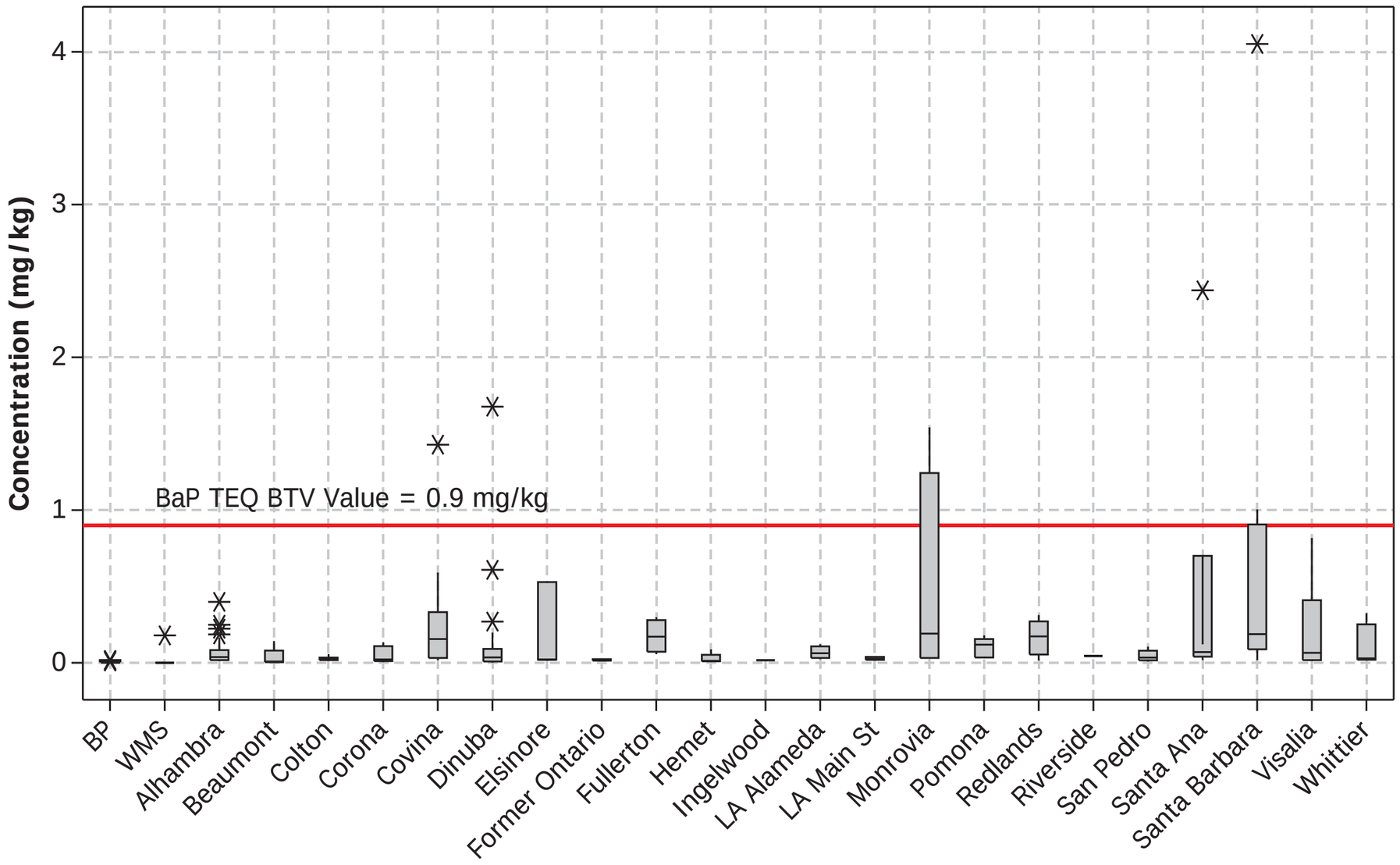


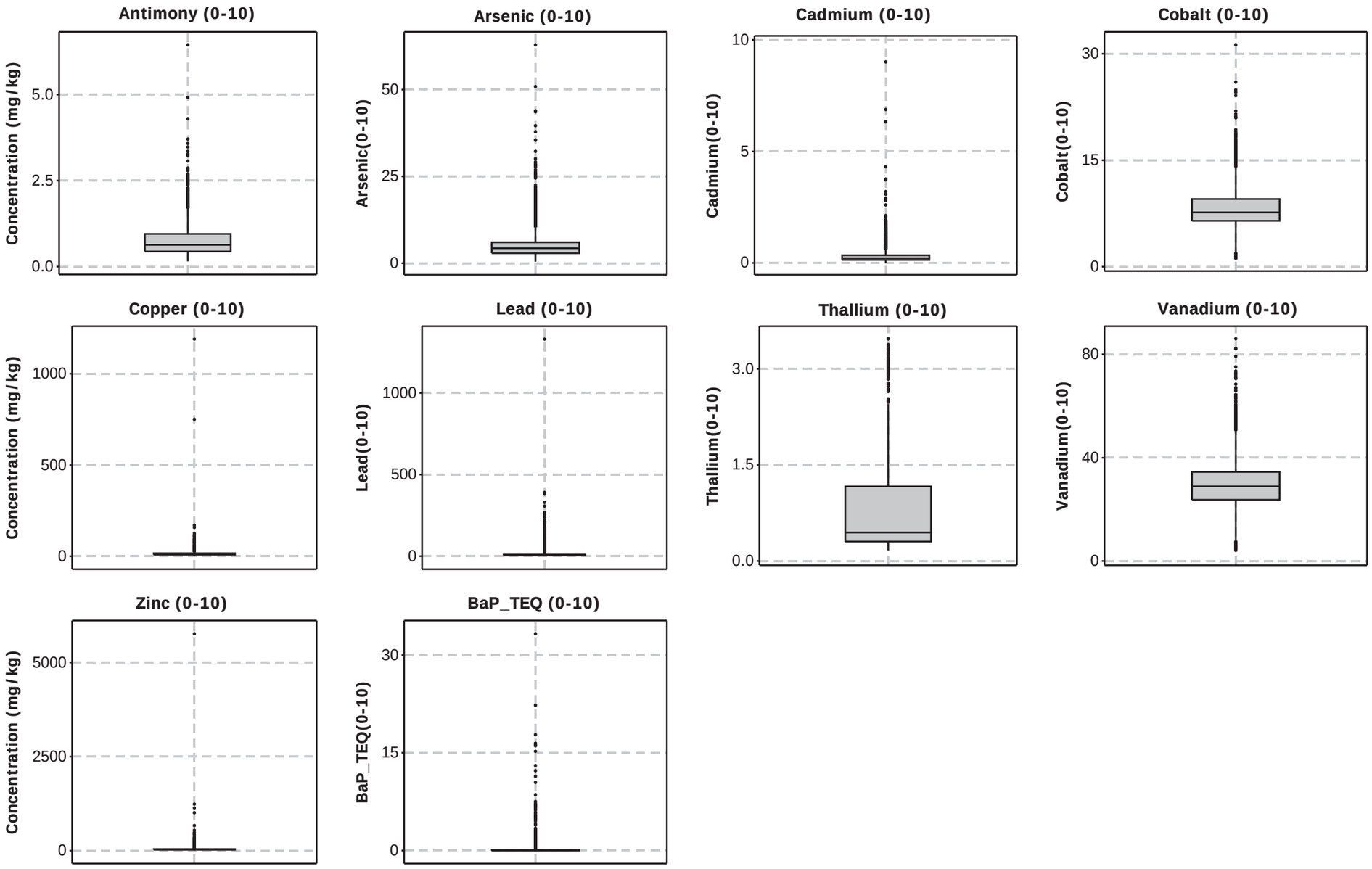

- 3IR suspected outliers - 0.179
- Rosner test = 0.179
- Q-Q plot based suspected outliers - 0.179
- GOF test: No discernible distribution (not N, LN or GM)
- No outlier

**Figure 3-4: Boxplots of Local Background and Southern California Background cPAH Datasets**

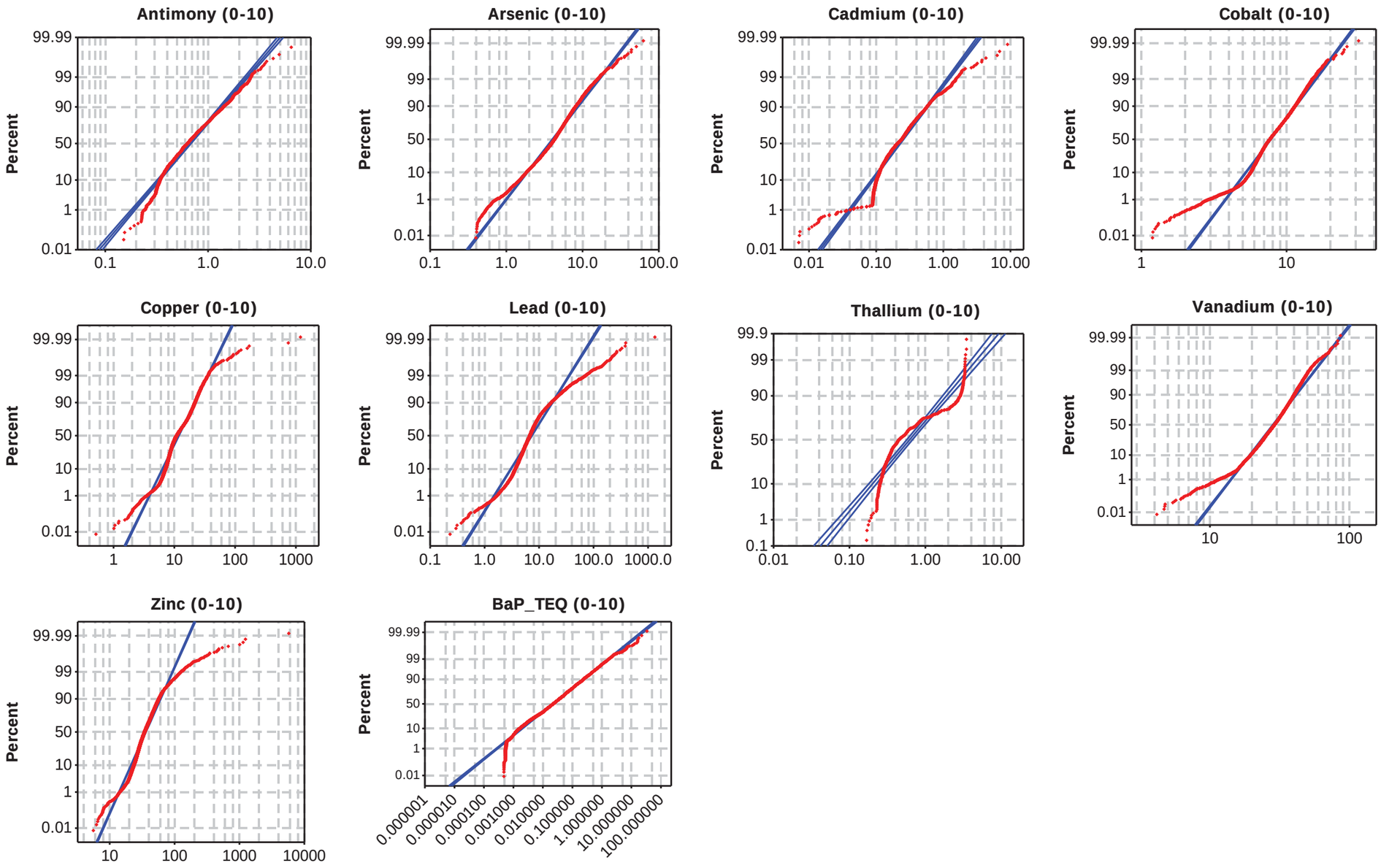



BP = Banning Park data and WMS = Wilmington Middle School data

## Figure 4-1: Box Plots of Metals and cPAH Site Datasets



## Figure 4-2: Probability Plots of Metals and cPAH Site Datasets



Geosyntec consultants

# APPENDICES

# APPENDIX 1

## Minitab Output of Hypothesis Tests

## (Comparison of Background Datasets by Depth)

**Appendix 1**
Minitab Output of Hypothesis Tests
(Comparison of Background Datasets by Depth)

## Non-Parametric Test of Medians (Mann-Whitney Test) for
Combined Background Datasets by Depth
Surface Soils (0 to 2 ft bgs; sf)
Shallow Soils (2 to 5 ft bgs; shw)

### Mann-Whitney Test and CI: Antimony_sf, Antimony_shw

```
               N   Median
Antimony_sf   68  0.50000
Antimony_shw  38  0.50000


Point estimate for ETA1-ETA2 is -0.00000
95.1 Percent CI for ETA1-ETA2 is (-0.00001,-0.00002)
W = 3693.5
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.7171
The test is significant at 0.6572 (adjusted for ties)
```

### Mann-Whitney Test and CI: Arsenic_sf, Arsenic_shw

```
              N  Median
Arsenic_sf   68  1.7000
Arsenic_shw  38  1.6000


Point estimate for ETA1-ETA2 is 0.1900
95.1 Percent CI for ETA1-ETA2 is (-0.1801,0.5901)
W = 3792.5
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.3103
The test is significant at 0.3101 (adjusted for ties)
```

### Mann-Whitney Test and CI: Barium_sf, Barium_shw

```
             N  Median
Barium_sf   68   66.55
Barium_shw  38   53.05


Point estimate for ETA1-ETA2 is 8.70
95.1 Percent CI for ETA1-ETA2 is (-2.50,19.09)
W = 3878.0
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.1146
The test is significant at 0.1146 (adjusted for ties)
```

**Appendix 1**
Minitab Output of Hypothesis Tests
(Comparison of Background Datasets by Depth)

## Mann-Whitney Test and CI: Beryllium_sf, Beryllium_shw

```
                N   Median
Beryllium_sf   68  0.20000
Beryllium_shw  38  0.22850


Point estimate for ETA1-ETA2 is -0.00300
95.1 Percent CI for ETA1-ETA2 is (-0.06801,-0.00000)
W = 3474.0
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.2814
The test is significant at 0.2754 (adjusted for ties)
```

## Mann-Whitney Test and CI: Cadmium_sf, Cadmium_shw

```
              N  Median
Cadmium_sf   68  0.1540
Cadmium_shw  38  0.1000


Point estimate for ETA1-ETA2 is 0.0117
95.1 Percent CI for ETA1-ETA2 is (-0.0000,0.1117)
W = 4119.5
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.0015
The test is significant at 0.0011 (adjusted for ties)
```

## Mann-Whitney Test and CI: Chromium_sf, Chromium_shw

```
               N  Median
Chromium_sf   68  10.750
Chromium_shw  38   9.270


Point estimate for ETA1-ETA2 is 1.650
95.1 Percent CI for ETA1-ETA2 is (-0.000,3.101)
W = 3940.0
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.0470
The test is significant at 0.0470 (adjusted for ties)
```

## Mann-Whitney Test and CI: Cobalt_sf, Cobalt_shw

```
             N  Median
Cobalt_sf   68   4.740
Cobalt_shw  38   4.820


Point estimate for ETA1-ETA2 is -0.100
95.1 Percent CI for ETA1-ETA2 is (-0.870,0.600)
W = 3585.5
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.7319
The test is significant at 0.7319 (adjusted for ties)
```

**Appendix 1**
Minitab Output of Hypothesis Tests
(Comparison of Background Datasets by Depth)

## Mann-Whitney Test and CI: Copper_sf, Copper_shw

```
             N  Median
Copper_sf   68  13.750
Copper_shw  38   7.135


Point estimate for ETA1-ETA2 is 5.300
95.1 Percent CI for ETA1-ETA2 is (2.600,8.102)
W = 4215.5
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.0001
The test is significant at 0.0001 (adjusted for ties)
```

## Mann-Whitney Test and CI: Lead_sf, Lead_shw

```
           N  Median
Lead_sf   68   7.695
Lead_shw  38   3.640


Point estimate for ETA1-ETA2 is 3.825
95.1 Percent CI for ETA1-ETA2 is (2.198,6.881)
W = 4452.5
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.0000
The test is significant at 0.0000 (adjusted for ties)
```

## Mann-Whitney Test and CI: Mercury_sf, Mercury_shw

```
              N   Median
Mercury_sf   68  0.10000
Mercury_shw  38  0.10000


Point estimate for ETA1-ETA2 is 0.00000
95.1 Percent CI for ETA1-ETA2 is (-0.00000,-0.00000)
W = 3805.5
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.2712
The test is significant at 0.1883 (adjusted for ties)
```

## Mann-Whitney Test and CI: Molybdenum_sf, Molybdenum_shw

```
                 N  Median
Molybdenum_sf   68  2.5000
Molybdenum_shw  38  2.5000


Point estimate for ETA1-ETA2 is 0.0000
95.1 Percent CI for ETA1-ETA2 is (-0.0000,-0.0002)
W = 3743.0
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.4912
The test is significant at 0.4085 (adjusted for ties)
```

**Appendix 1**
Minitab Output of Hypothesis Tests
(Comparison of Background Datasets by Depth)

## Box Plot of Nickel_sf, Nickel_shw

## Mann-Whitney Test and CI: Nickel_sf, Nickel_shw

```
             N  Median
Nickel_sf   68   6.545
Nickel_shw  38   5.540


Point estimate for ETA1-ETA2 is 0.970
95.1 Percent CI for ETA1-ETA2 is (-0.221,2.200)
W = 3885.5
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.1037
The test is significant at 0.1035 (adjusted for ties)
```

## Mann-Whitney Test and CI: Selenium_sf, Selenium_shw

```
               N   Median
Selenium_sf   68  0.50000
Selenium_shw  38  0.50000


Point estimate for ETA1-ETA2 is -0.00000
95.1 Percent CI for ETA1-ETA2 is (-0.00001,-0.00002)
W = 3693.5
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.7171
The test is significant at 0.6572 (adjusted for ties)
```

## Mann-Whitney Test and CI: Silver_sf, Silver_shw

```
             N  Median
Silver_sf   68  2.5000
Silver_shw  38  2.5000


Point estimate for ETA1-ETA2 is 0.0000
95.1 Percent CI for ETA1-ETA2 is (-0.0001,-0.0000)
W = 3720.5
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.5890
The test is significant at 0.5139 (adjusted for ties)
```

## Mann-Whitney Test and CI: Thallium_sf, Thallium_shw

```
               N   Median
Thallium_sf   68  0.30000
Thallium_shw  38  0.30000


Point estimate for ETA1-ETA2 is -0.00000
95.1 Percent CI for ETA1-ETA2 is (0.00000,0.00001)
W = 3662.0
```

**Appendix 1**
Minitab Output of Hypothesis Tests
(Comparison of Background Datasets by Depth)

```
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.8770
The test is significant at 0.8493 (adjusted for ties)
```

### Mann-Whitney Test and CI: Vanadium_sf, Vanadium_shw

```
               N  Median
Vanadium_sf   68  16.800
Vanadium_shw  38  16.200


Point estimate for ETA1-ETA2 is 1.000
95.1 Percent CI for ETA1-ETA2 is (-1.900,3.500)
W = 3752.0
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.4546
The test is significant at 0.4546 (adjusted for ties)
```

### Mann-Whitney Test and CI: Zinc_sf, Zinc_shw

```
           N  Median
Zinc_sf   68   31.30
Zinc_shw  38   20.10


Point estimate for ETA1-ETA2 is 9.90
95.1 Percent CI for ETA1-ETA2 is (3.00,18.50)
W = 4103.0
Test of ETA1 = ETA2 vs ETA1 not = ETA2 is significant at 0.0022
The test is significant at 0.0022 (adjusted for ties)
```

## Conclusion:

For Background Datasets: Cadmium, copper, lead and zinc are significantly different by depth.

**Appendix 1**
Minitab Output of Hypothesis Tests
(Comparison of Background Datasets by Depth)

## Non-Parametric Test of Proportions (Two-proportions test) for
Combined Background Datasets by Depth
(0-2 and 2 to 5 ft bgs)

### Test and CI for Two Proportions: Detection Levels of BaP-TEQ, Depth Category

```
Event = 1

Depth
Category   X   N  Sample p
Shallow    2  14  0.142857
Surface   20  21  0.952381


Difference = p (Shallow) - p (Surface)
Estimate for difference:  -0.809524
95% CI for difference:  (-1, -0.604842)
Test for difference = 0 (vs not = 0):  Z = -7.75  P-Value = 0.000

Fisher's exact test: P-Value = 0.000
```

## Conclusion:

PAHs are significantly different by depth

# APPENDIX 2

## ProUCL Output of Rosner Outlier Test

## Rosner's Outlier Test for Antimony

| | |
|---|---|
| **Mean** | **0.44** |
| **Standard Deviation** | **0.0955** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 0.44 | 0.095 | 0.741 | 16 | 3.168 | 3.397 | 3.767 |

For 5% Significance Level, there is no Potential Outlier

For 1% Significance Level, there is no Potential Outlier

## Rosner's Outlier Test for Arsenic

| | |
|---|---|
| **Mean** | **3.171** |
| **Standard Deviation** | **12.24** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 3.171 | 12.18 | 127 | 98 | 10.17 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 127 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 127 is a Potential Statistical Outlier

## Rosner's Outlier Test for Barium

| | |
|---|---|
| **Mean** | **69.88** |
| **Standard Deviation** | **69.79** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 69.88 | 69.46 | 575 | 31 | 7.272 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 575 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 575 is a Potential Statistical Outlier

## Rosner's Outlier Test for Beryllium

| | |
|---|---|
| **Mean** | **0.246** |
| **Standard Deviation** | **0.127** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 0.246 | 0.126 | 0.8 | 43 | 4.386 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 0.8 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 0.8 is a Potential Statistical Outlier

## Rosner's Outlier Test for Cadmium

| | |
|---|---|
| **Mean** | **0.306** |
| **Standard Deviation** | **0.465** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 0.306 | 0.463 | 3.81 | 7 | 7.573 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 3.81 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 3.81 is a Potential Statistical Outlier

## Rosner's Outlier Test for Chromium

| | |
|---|---|
| **Mean** | **11.58** |
| **Standard Deviation** | **5.884** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 11.58 | 5.856 | 38.6 | 103 | 4.615 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 38.6 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 38.6 is a Potential Statistical Outlier

## Rosner's Outlier Test for Cobalt

| | |
|---|---|
| **Mean** | **5.113** |
| **Standard Deviation** | **2.181** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 5.113 | 2.171 | 15.7 | 43 | 4.877 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 15.7 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 15.7 is a Potential Statistical Outlier

## Rosner's Outlier Test for Copper

| | |
|---|---|
| **Mean** | **13.94** |
| **Standard Deviation** | **9.607** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 13.94 | 9.562 | 59 | 16 | 4.712 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 59 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 59 is a Potential Statistical Outlier

## Rosner's Outlier Test for Lead

| | |
|---|---|
| **Mean** | **13.07** |
| **Standard Deviation** | **18.22** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 13.07 | 18.13 | 112 | 88 | 5.457 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 112 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 112 is a Potential Statistical Outlier

## Rosner's Outlier Test for Mercury

| | |
|---|---|
| **Mean** | **0.0811** |
| **Standard Deviation** | **0.0425** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 0.0811 | 0.0423 | 0.324 | 16 | 5.745 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 0.324 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 0.324 is a Potential Statistical Outlier

## Rosner's Outlier Test for Molybdenum

| | |
|---|---|
| **Mean** | **1.717** |
| **Standard Deviation** | **1.122** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 1.717 | 1.116 | 0.0777 | 3 | 1.469 | 3.397 | 3.767 |

For 5% Significance Level, there is no Potential Outlier

For 1% Significance Level, there is no Potential Outlier

## Rosner's Outlier Test for Nickel

| | |
|---|---|
| **Mean** | **7.596** |
| **Standard Deviation** | **4.766** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 7.596 | 4.744 | 27.2 | 43 | 4.132 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 27.2 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 27.2 is a Potential Statistical Outlier

## Rosner's Outlier Test for Selenium

| | |
|---|---|
| **Mean** | **0.455** |
| **Standard Deviation** | **0.0767** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 0.455 | 0.0763 | 0.78 | 98 | 4.261 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 0.78 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 0.78 is a Potential Statistical Outlier

## Rosner's Outlier Test for Silver

| | |
|---|---|
| **Mean** | **1.753** |
| **Standard Deviation** | **1.084** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 1.753 | 1.079 | 0.117 | 2 | 1.516 | 3.397 | 3.767 |

For 5% Significance Level, there is no Potential Outlier

For 1% Significance Level, there is no Potential Outlier

## Rosner's Outlier Test for Thallium

| | |
|---|---|
| **Mean** | **0.278** |
| **Standard Deviation** | **0.0321** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 0.278 | 0.032 | 0.232 | 1 | 1.424 | 3.397 | 3.767 |

For 5% Significance Level, there is no Potential Outlier

For 1% Significance Level, there is no Potential Outlier

## Rosner's Outlier Test for Vanadium

| | |
|---|---|
| **Mean** | **18.99** |
| **Standard Deviation** | **7.863** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 18.99 | 7.826 | 47.1 | 43 | 3.592 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 47.1 is a Potential Statistical Outlier

For 1% Significance Level, there is no Potential Outlier

## Rosner's Outlier Test for Zinc

| | |
|---|---|
| **Mean** | **46.62** |
| **Standard Deviation** | **61.77** |
| **Number of data** | **106** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 46.62 | 61.48 | 525 | 103 | 7.781 | 3.397 | 3.767 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 525 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 525 is a Potential Statistical Outlier

## Rosner's Outlier Test for BaP-TEQ

| | |
|---|---|
| **Mean** | **0.0075** |
| **Standard Deviation** | **0.0289** |
| **Number of data** | **38** |
| **Number of suspected outliers** | **1** |

| # | Mean | sd | Potential outlier | Obs. Number | Test value | Critical value (5%) | Critical value (1%) |
|---|---|---|---|---|---|---|---|
| 1 | 0.0075 | 0.0285 | 0.179 | 35 | 6.029 | 3.01 | 3.36 |

For 5% Significance Level, there is 1 Potential Outlier

Therefore, Observation 0.179 is a Potential Statistical Outlier

For 1% Significance Level, there is 1 Potential Outlier

Therefore, Observation 0.179 is a Potential Statistical Outlier

# APPENDIX 3

## ProUCL Output of Goodness-of-Fit Test Statistics with Outliers

| | |
|---|---|
| **Antimony** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 3 |
| Minimum | 0.306 |
| Maximum | 0.741 |
| Mean of Raw Data | 0.44 |
| Standard Deviation of Raw Data | 0.0955 |
| Kstar | 18.81 |
| Mean of Log Transformed Data | -0.847 |
| Standard Deviation of Log Transformed Data | 0.236 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.796 |
| Approximate Shapiro Wilk Test Statistic | 0.634 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.414 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.776 |
| A-D Test Statistic | 20.66 |
| A-D Critical (0.95) Value | 0.75 |
| K-S Test Statistic | 0.421 |
| K-S Critical(0.95) Value | 0.0877 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.793 |
| Approximate Shapiro Wilk Test Statistic | 0.62 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.422 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| **Arsenic** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 62 |
| Minimum | 0.3 |
| Maximum | 127 |
| Mean of Raw Data | 3.171 |
| Standard Deviation of Raw Data | 12.24 |
| Kstar | 0.916 |
| Mean of Log Transformed Data | 0.533 |
| Standard Deviation of Log Transformed Data | 0.764 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.343 |
| Approximate Shapiro Wilk Test Statistic | 0.162 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.423 |

| | |
|---|---|
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.538 |
| A-D Test Statistic | 9.434E+28 |
| A-D Critical (0.95) Value | 0.786 |
| K-S Test Statistic | 0.263 |
| K-S Critical(0.95) Value | 0.0907 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.92 |
| Approximate Shapiro Wilk Test Statistic | 0.882 |
| Approximate Shapiro Wilk P Value | 6.094E-12 |
| Lilliefors Test Statistic | 0.116 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| **Barium** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 97 |
| Minimum | 17.7 |
| Maximum | 575 |
| Mean of Raw Data | 69.88 |
| Standard Deviation of Raw Data | 69.79 |
| Kstar | 2.578 |
| Mean of Log Transformed Data | 4.046 |
| Standard Deviation of Log Transformed Data | 0.559 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.673 |
| Approximate Shapiro Wilk Test Statistic | 0.494 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.293 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.798 |
| A-D Test Statistic | 4.244 |
| A-D Critical (0.95) Value | 0.761 |
| K-S Test Statistic | 0.179 |
| K-S Critical(0.95) Value | 0.0887 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.958 |
| Approximate Shapiro Wilk Test Statistic | 0.927 |
| Approximate Shapiro Wilk P Value | 4.459E-06 |
| Lilliefors Test Statistic | 0.12 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |

| | |
|---|---|
| **Beryllium** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 40 |
| Minimum | 0.0894 |
| Maximum | 0.8 |
| Mean of Raw Data | 0.246 |
| Standard Deviation of Raw Data | 0.127 |
| Kstar | 4.514 |
| Mean of Log Transformed Data | -1.516 |
| Standard Deviation of Log Transformed Data | 0.471 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.895 |
| Approximate Shapiro Wilk Test Statistic | 0.807 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.183 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.953 |
| A-D Test Statistic | 3.797 |
| A-D Critical (0.95) Value | 0.755 |
| K-S Test Statistic | 0.18 |
| K-S Critical(0.95) Value | 0.0881 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.956 |
| Approximate Shapiro Wilk Test Statistic | 0.902 |
| Approximate Shapiro Wilk P Value | 2.99E-09 |
| Lilliefors Test Statistic | 0.204 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| **Cadmium** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 26 |
| Minimum | 0.0883 |
| Maximum | 3.81 |
| Mean of Raw Data | 0.306 |
| Standard Deviation of Raw Data | 0.465 |
| Kstar | 1.112 |
| Mean of Log Transformed Data | -1.683 |
| Standard Deviation of Log Transformed Data | 0.876 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.691 |
| Approximate Shapiro Wilk Test Statistic | 0.518 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.32 |

| | |
|---|---|
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.892 |
| A-D Test Statistic | 10.06 |
| A-D Critical (0.95) Value | 0.779 |
| K-S Test Statistic | 0.287 |
| K-S Critical(0.95) Value | 0.0903 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.895 |
| Approximate Shapiro Wilk Test Statistic | 0.791 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.298 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| Chromium | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 86 |
| Minimum | 4.4 |
| Maximum | 38.6 |
| Mean of Raw Data | 11.58 |
| Standard Deviation of Raw Data | 5.884 |
| Kstar | 5.177 |
| Mean of Log Transformed Data | 2.352 |
| Standard Deviation of Log Transformed Data | 0.424 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.892 |
| Approximate Shapiro Wilk Test Statistic | 0.804 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.165 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.956 |
| A-D Test Statistic | 1.551 |
| A-D Critical (0.95) Value | 0.754 |
| K-S Test Statistic | 0.103 |
| K-S Critical(0.95) Value | 0.088 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.987 |
| Approximate Shapiro Wilk Test Statistic | 0.966 |
| Approximate Shapiro Wilk P Value | 0.0599 |
| Lilliefors Test Statistic | 0.0696 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data appear Lognormal at (0.05) Significance Level | |

| | |
|---|---|
| **Cobalt** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 74 |
| Minimum | 2.5 |
| Maximum | 15.7 |
| Mean of Raw Data | 5.113 |
| Standard Deviation of Raw Data | 2.181 |
| Kstar | 6.921 |
| Mean of Log Transformed Data | 1.56 |
| Standard Deviation of Log Transformed Data | 0.369 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.903 |
| Approximate Shapiro Wilk Test Statistic | 0.827 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.163 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.952 |
| A-D Test Statistic | 1.176 |
| A-D Critical (0.95) Value | 0.753 |
| K-S Test Statistic | 0.112 |
| K-S Critical(0.95) Value | 0.088 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.984 |
| Approximate Shapiro Wilk Test Statistic | 0.958 |
| Approximate Shapiro Wilk P Value | 0.0111 |
| Lilliefors Test Statistic | 0.0843 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data appear Lognormal at (0.05) Significance Level | |
| | |
| **Copper** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 89 |
| Minimum | 2.69 |
| Maximum | 59 |
| Mean of Raw Data | 13.94 |
| Standard Deviation of Raw Data | 9.607 |
| Kstar | 2.482 |
| Mean of Log Transformed Data | 2.426 |
| Standard Deviation of Log Transformed Data | 0.653 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.923 |
| Approximate Shapiro Wilk Test Statistic | 0.858 |
| Approximate Shapiro Wilk P Value | 4.663E-15 |
| Lilliefors Test Statistic | 0.132 |

| | |
|---|---|
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.991 |
| A-D Test Statistic | 0.689 |
| A-D Critical (0.95) Value | 0.762 |
| K-S Test Statistic | 0.0891 |
| K-S Critical(0.95) Value | 0.0888 |
| Data appear Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.995 |
| Approximate Shapiro Wilk Test Statistic | 0.977 |
| Approximate Shapiro Wilk P Value | 0.356 |
| Lilliefors Test Statistic | 0.0712 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data appear Lognormal at (0.05) Significance Level | |
| | |
| **Lead** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 83 |
| Minimum | 2.3 |
| Maximum | 112 |
| Mean of Raw Data | 13.07 |
| Standard Deviation of Raw Data | 18.22 |
| Kstar | 0.998 |
| Mean of Log Transformed Data | 2.006 |
| Standard Deviation of Log Transformed Data | 0.951 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.769 |
| Approximate Shapiro Wilk Test Statistic | 0.608 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.302 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.949 |
| A-D Test Statistic | 8.441 |
| A-D Critical (0.95) Value | 0.782 |
| K-S Test Statistic | 0.227 |
| K-S Critical(0.95) Value | 0.0905 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.94 |
| Approximate Shapiro Wilk Test Statistic | 0.866 |
| Approximate Shapiro Wilk P Value | 4.885E-14 |
| Lilliefors Test Statistic | 0.158 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |

| | |
|---|---|
| Mercury | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 30 |
| Minimum | 0.0039 |
| Maximum | 0.324 |
| Mean of Raw Data | 0.0811 |
| Standard Deviation of Raw Data | 0.0425 |
| Kstar | 2.197 |
| Mean of Log Transformed Data | -2.75 |
| Standard Deviation of Log Transformed Data | 0.864 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.8 |
| Approximate Shapiro Wilk Test Statistic | 0.674 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.37 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.744 |
| A-D Test Statistic | 16.58 |
| A-D Critical (0.95) Value | 0.763 |
| K-S Test Statistic | 0.405 |
| K-S Critical(0.95) Value | 0.0889 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.806 |
| Approximate Shapiro Wilk Test Statistic | 0.655 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.396 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| Molybdenum | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 18 |
| Minimum | 0.0777 |
| Maximum | 2.5 |
| Mean of Raw Data | 1.717 |
| Standard Deviation of Raw Data | 1.122 |
| Kstar | 0.872 |
| Mean of Log Transformed Data | -0.116 |
| Standard Deviation of Log Transformed Data | 1.505 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.782 |
| Approximate Shapiro Wilk Test Statistic | 0.585 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.427 |

| | |
|---|---|
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.563 |
| A-D Test Statistic | 20.5 |
| A-D Critical (0.95) Value | 0.788 |
| K-S Test Statistic | 0.436 |
| K-S Critical(0.95) Value | 0.0909 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.799 |
| Approximate Shapiro Wilk Test Statistic | 0.612 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.423 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| Nickel | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 85 |
| Minimum | 2.5 |
| Maximum | 27.2 |
| Mean of Raw Data | 7.596 |
| Standard Deviation of Raw Data | 4.766 |
| Kstar | 3.166 |
| Mean of Log Transformed Data | 1.866 |
| Standard Deviation of Log Transformed Data | 0.561 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.912 |
| Approximate Shapiro Wilk Test Statistic | 0.831 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.179 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.982 |
| A-D Test Statistic | 1.43 |
| A-D Critical (0.95) Value | 0.758 |
| K-S Test Statistic | 0.105 |
| K-S Critical(0.95) Value | 0.0884 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.988 |
| Approximate Shapiro Wilk Test Statistic | 0.957 |
| Approximate Shapiro Wilk P Value | 0.00919 |
| Lilliefors Test Statistic | 0.0659 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data appear Lognormal at (0.05) Significance Level | |

| | |
|---|---|
| **Selenium** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 3 |
| Minimum | 0.351 |
| Maximum | 0.78 |
| Mean of Raw Data | 0.455 |
| Standard Deviation of Raw Data | 0.0767 |
| Kstar | 33.33 |
| Mean of Log Transformed Data | -0.802 |
| Standard Deviation of Log Transformed Data | 0.174 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.791 |
| Approximate Shapiro Wilk Test Statistic | 0.638 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.401 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.782 |
| A-D Test Statistic | 19.74 |
| A-D Critical (0.95) Value | 0.75 |
| K-S Test Statistic | 0.411 |
| K-S Critical(0.95) Value | 0.0877 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.796 |
| Approximate Shapiro Wilk Test Statistic | 0.634 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.414 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| **Silver** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 10 |
| Minimum | 0.117 |
| Maximum | 2.5 |
| Mean of Raw Data | 1.753 |
| Standard Deviation of Raw Data | 1.084 |
| Kstar | 1.024 |
| Mean of Log Transformed Data | 0.0128 |
| Standard Deviation of Log Transformed Data | 1.355 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.786 |
| Approximate Shapiro Wilk Test Statistic | 0.593 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.425 |

| | |
|---|---|
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.582 |
| A-D Test Statistic | 20.91 |
| A-D Critical (0.95) Value | 0.782 |
| K-S Test Statistic | 0.43 |
| K-S Critical(0.95) Value | 0.0905 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.786 |
| Approximate Shapiro Wilk Test Statistic | 0.592 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.417 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| **Thallium** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 2 |
| Minimum | 0.232 |
| Maximum | 0.3 |
| Mean of Raw Data | 0.278 |
| Standard Deviation of Raw Data | 0.0321 |
| Kstar | 68.77 |
| Mean of Log Transformed Data | -1.289 |
| Standard Deviation of Log Transformed Data | 0.121 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.775 |
| Approximate Shapiro Wilk Test Statistic | 0.574 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.427 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.758 |
| A-D Test Statistic | 21.99 |
| A-D Critical (0.95) Value | 0.75 |
| K-S Test Statistic | 0.429 |
| K-S Critical(0.95) Value | 0.0877 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.775 |
| Approximate Shapiro Wilk Test Statistic | 0.574 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.427 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |

| | |
|---|---|
| Vanadium | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 86 |
| Minimum | 6.2 |
| Maximum | 47.1 |
| Mean of Raw Data | 18.99 |
| Standard Deviation of Raw Data | 7.863 |
| Kstar | 6.467 |
| Mean of Log Transformed Data | 2.867 |
| Standard Deviation of Log Transformed Data | 0.392 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.953 |
| Approximate Shapiro Wilk Test Statistic | 0.905 |
| Approximate Shapiro Wilk P Value | 6.6E-09 |
| Lilliefors Test Statistic | 0.129 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.989 |
| A-D Test Statistic | 0.684 |
| A-D Critical (0.95) Value | 0.754 |
| K-S Test Statistic | 0.086 |
| K-S Critical(0.95) Value | 0.088 |
| Data appear Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.996 |
| Approximate Shapiro Wilk Test Statistic | 0.985 |
| Approximate Shapiro Wilk P Value | 0.779 |
| Lilliefors Test Statistic | 0.0615 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data appear Lognormal at (0.05) Significance Level | |
| | |
| Zinc | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 99 |
| Minimum | 9.7 |
| Maximum | 525 |
| Mean of Raw Data | 46.62 |
| Standard Deviation of Raw Data | 61.77 |
| Kstar | 1.495 |
| Mean of Log Transformed Data | 3.482 |
| Standard Deviation of Log Transformed Data | 0.752 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.692 |
| Approximate Shapiro Wilk Test Statistic | 0.522 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.275 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |

| | |
|---|---|
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.861 |
| A-D Test Statistic | 4.604 |
| A-D Critical (0.95) Value | 0.77 |
| K-S Test Statistic | 0.155 |
| K-S Critical(0.95) Value | 0.0895 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.966 |
| Approximate Shapiro Wilk Test Statistic | 0.929 |
| Approximate Shapiro Wilk P Value | 7.734E-06 |
| Lilliefors Test Statistic | 0.0951 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| BaP-TEQ | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 22 |
| Minimum | 0.00106 |
| Maximum | 0.179 |
| Mean of Raw Data | 0.0075 |
| Standard Deviation of Raw Data | 0.0289 |
| Kstar | 0.473 |
| Mean of Log Transformed Data | -6.182 |
| Standard Deviation of Log Transformed Data | 1.089 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.445 |
| Shapiro Wilk Test Statistic | 0.235 |
| Shapiro Wilk Critical (0.95) Value | 0.938 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.419 |
| Lilliefors Critical (0.95) Value | 0.144 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.738 |
| A-D Test Statistic | 7.362 |
| A-D Critical (0.95) Value | 0.814 |
| K-S Test Statistic | 0.322 |
| K-S Critical(0.95) Value | 0.152 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.816 |
| Shapiro Wilk Test Statistic | 0.681 |
| Shapiro Wilk Critical (0.95) Value | 0.938 |
| Approximate Shapiro Wilk P Value | 1.224E-09 |
| Lilliefors Test Statistic | 0.27 |
| Lilliefors Critical (0.95) Value | 0.144 |
| Data not Lognormal at (0.05) Significance Level | |

# APPENDIX 4

## ProUCL Output of Goodness-of-Fit Test Statistics without Outliers

## Antimony

| | |
|---|---|
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 3 |
| Minimum | 0.306 |
| Maximum | 0.741 |
| Mean of Raw Data | 0.44 |
| Standard Deviation of Raw Data | 0.0955 |
| Kstar | 18.81 |
| Mean of Log Transformed Data | -0.847 |
| Standard Deviation of Log Transformed Data | 0.236 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.796 |
| Approximate Shapiro Wilk Test Statistic | 0.634 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.414 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.776 |
| A-D Test Statistic | 20.66 |
| A-D Critical (0.95) Value | 0.75 |
| K-S Test Statistic | 0.421 |
| K-S Critical(0.95) Value | 0.0877 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.793 |
| Approximate Shapiro Wilk Test Statistic | 0.62 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.422 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |

## Arsenic

| | |
|---|---|
| **Raw Statistics** | |
| Number of Valid Observations | 105 |
| Number of Missing Values | 1 |
| Number of Distinct Observations | 61 |
| Minimum | 0.3 |
| Maximum | 11.9 |
| Mean of Raw Data | 1.992 |
| Standard Deviation of Raw Data | 1.517 |
| Kstar | 2.619 |
| Mean of Log Transformed Data | 0.492 |
| Standard Deviation of Log Transformed Data | 0.639 |

| | |
|---|---|
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.814 |
| Approximate Shapiro Wilk Test Statistic | 0.698 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.176 |
| Lilliefors Critical (0.95) Value | 0.0865 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.906 |
| A-D Test Statistic | 1.569 |
| A-D Critical (0.95) Value | 0.761 |
| K-S Test Statistic | 0.0901 |
| K-S Critical(0.95) Value | 0.0889 |
| Data follow Appr. Gamma Distribution at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.972 |
| Approximate Shapiro Wilk Test Statistic | 0.947 |
| Approximate Shapiro Wilk P Value | 0.0009523 |
| Lilliefors Test Statistic | 0.112 |
| Lilliefors Critical (0.95) Value | 0.0865 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| **Barium** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 104 |
| Number of Missing Values | 2 |
| Number of Distinct Observations | 95 |
| Minimum | 17.7 |
| Maximum | 267 |
| Mean of Raw Data | 61.58 |
| Standard Deviation of Raw Data | 34.25 |
| Kstar | 4.356 |
| Mean of Log Transformed Data | 4.005 |
| Standard Deviation of Log Transformed Data | 0.475 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.868 |
| Approximate Shapiro Wilk Test Statistic | 0.783 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.15 |
| Lilliefors Critical (0.95) Value | 0.0869 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.929 |
| A-D Test Statistic | 0.826 |
| A-D Critical (0.95) Value | 0.755 |
| K-S Test Statistic | 0.091 |
| K-S Critical(0.95) Value | 0.0887 |
| Data follow Appr. Gamma Distribution at (0.05) Significance Level | |

| | |
|---|---|
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.986 |
| Approximate Shapiro Wilk Test Statistic | 0.974 |
| Approximate Shapiro Wilk P Value | 0.233 |
| Lilliefors Test Statistic | 0.0764 |
| Lilliefors Critical (0.95) Value | 0.0869 |
| Data appear Lognormal at (0.05) Significance Level | |
| | |
| **Beryllium** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 40 |
| Minimum | 0.0894 |
| Maximum | 0.8 |
| Mean of Raw Data | 0.246 |
| Standard Deviation of Raw Data | 0.127 |
| Kstar | 4.514 |
| Mean of Log Transformed Data | -1.516 |
| Standard Deviation of Log Transformed Data | 0.471 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.895 |
| Approximate Shapiro Wilk Test Statistic | 0.807 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.183 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.953 |
| A-D Test Statistic | 3.797 |
| A-D Critical (0.95) Value | 0.755 |
| K-S Test Statistic | 0.18 |
| K-S Critical(0.95) Value | 0.0881 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.956 |
| Approximate Shapiro Wilk Test Statistic | 0.902 |
| Approximate Shapiro Wilk P Value | 2.99E-09 |
| Lilliefors Test Statistic | 0.204 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| **Cadmium** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 26 |
| Minimum | 0.0883 |

| | |
|---|---|
| Maximum | 3.81 |
| Mean of Raw Data | 0.306 |
| Standard Deviation of Raw Data | 0.465 |
| Kstar | 1.112 |
| Mean of Log Transformed Data | -1.683 |
| Standard Deviation of Log Transformed Data | 0.876 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.691 |
| Approximate Shapiro Wilk Test Statistic | 0.518 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.32 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.892 |
| A-D Test Statistic | 10.06 |
| A-D Critical (0.95) Value | 0.779 |
| K-S Test Statistic | 0.287 |
| K-S Critical(0.95) Value | 0.0903 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.895 |
| Approximate Shapiro Wilk Test Statistic | 0.791 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.298 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| Chromium | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 86 |
| Minimum | 4.4 |
| Maximum | 38.6 |
| Mean of Raw Data | 11.58 |
| Standard Deviation of Raw Data | 5.884 |
| Kstar | 5.177 |
| Mean of Log Transformed Data | 2.352 |
| Standard Deviation of Log Transformed Data | 0.424 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.892 |
| Approximate Shapiro Wilk Test Statistic | 0.804 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.165 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |

| | |
|---|---|
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.956 |
| A-D Test Statistic | 1.551 |
| A-D Critical (0.95) Value | 0.754 |
| K-S Test Statistic | 0.103 |
| K-S Critical(0.95) Value | 0.088 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.987 |
| Approximate Shapiro Wilk Test Statistic | 0.966 |
| Approximate Shapiro Wilk P Value | 0.0599 |
| Lilliefors Test Statistic | 0.0696 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data appear Lognormal at (0.05) Significance Level | |
| | |
| **Cobalt** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 74 |
| Minimum | 2.5 |
| Maximum | 15.7 |
| Mean of Raw Data | 5.113 |
| Standard Deviation of Raw Data | 2.181 |
| Kstar | 6.921 |
| Mean of Log Transformed Data | 1.56 |
| Standard Deviation of Log Transformed Data | 0.369 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.903 |
| Approximate Shapiro Wilk Test Statistic | 0.827 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.163 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.952 |
| A-D Test Statistic | 1.176 |
| A-D Critical (0.95) Value | 0.753 |
| K-S Test Statistic | 0.112 |
| K-S Critical(0.95) Value | 0.088 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.984 |
| Approximate Shapiro Wilk Test Statistic | 0.958 |
| Approximate Shapiro Wilk P Value | 0.0111 |
| Lilliefors Test Statistic | 0.0843 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data appear Lognormal at (0.05) Significance Level | |

| | |
|---|---|
| **Copper** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 89 |
| Minimum | 2.69 |
| Maximum | 59 |
| Mean of Raw Data | 13.94 |
| Standard Deviation of Raw Data | 9.607 |
| Kstar | 2.482 |
| Mean of Log Transformed Data | 2.426 |
| Standard Deviation of Log Transformed Data | 0.653 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.923 |
| Approximate Shapiro Wilk Test Statistic | 0.858 |
| Approximate Shapiro Wilk P Value | 4.663E-15 |
| Lilliefors Test Statistic | 0.132 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.991 |
| A-D Test Statistic | 0.689 |
| A-D Critical (0.95) Value | 0.762 |
| K-S Test Statistic | 0.0891 |
| K-S Critical(0.95) Value | 0.0888 |
| Data appear Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.995 |
| Approximate Shapiro Wilk Test Statistic | 0.977 |
| Approximate Shapiro Wilk P Value | 0.356 |
| Lilliefors Test Statistic | 0.0712 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data appear Lognormal at (0.05) Significance Level | |
| | |
| **Lead** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 83 |
| Minimum | 2.3 |
| Maximum | 112 |
| Mean of Raw Data | 13.07 |
| Standard Deviation of Raw Data | 18.22 |
| Kstar | 0.998 |
| Mean of Log Transformed Data | 2.006 |
| Standard Deviation of Log Transformed Data | 0.951 |
| | |
| **Normal Distribution Test Results** | |

| | |
|---|---|
| Correlation Coefficient R | 0.769 |
| Approximate Shapiro Wilk Test Statistic | 0.608 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.302 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.949 |
| A-D Test Statistic | 8.441 |
| A-D Critical (0.95) Value | 0.782 |
| K-S Test Statistic | 0.227 |
| K-S Critical(0.95) Value | 0.0905 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.94 |
| Approximate Shapiro Wilk Test Statistic | 0.866 |
| Approximate Shapiro Wilk P Value | 4.885E-14 |
| Lilliefors Test Statistic | 0.158 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| Mercury | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 30 |
| Minimum | 0.0039 |
| Maximum | 0.324 |
| Mean of Raw Data | 0.0811 |
| Standard Deviation of Raw Data | 0.0425 |
| Kstar | 2.197 |
| Mean of Log Transformed Data | -2.75 |
| Standard Deviation of Log Transformed Data | 0.864 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.8 |
| Approximate Shapiro Wilk Test Statistic | 0.674 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.37 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.744 |
| A-D Test Statistic | 16.58 |
| A-D Critical (0.95) Value | 0.763 |
| K-S Test Statistic | 0.405 |
| K-S Critical(0.95) Value | 0.0889 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |

| | |
|---|---|
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.806 |
| Approximate Shapiro Wilk Test Statistic | 0.655 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.396 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| Molybdenum | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 18 |
| Minimum | 0.0777 |
| Maximum | 2.5 |
| Mean of Raw Data | 1.717 |
| Standard Deviation of Raw Data | 1.122 |
| Kstar | 0.872 |
| Mean of Log Transformed Data | -0.116 |
| Standard Deviation of Log Transformed Data | 1.505 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.782 |
| Approximate Shapiro Wilk Test Statistic | 0.585 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.427 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.563 |
| A-D Test Statistic | 20.5 |
| A-D Critical (0.95) Value | 0.788 |
| K-S Test Statistic | 0.436 |
| K-S Critical(0.95) Value | 0.0909 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.799 |
| Approximate Shapiro Wilk Test Statistic | 0.612 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.423 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| Nickel | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 85 |
| Minimum | 2.5 |
| Maximum | 27.2 |

| | |
|---|---|
| Mean of Raw Data | 7.596 |
| Standard Deviation of Raw Data | 4.766 |
| Kstar | 3.166 |
| Mean of Log Transformed Data | 1.866 |
| Standard Deviation of Log Transformed Data | 0.561 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.912 |
| Approximate Shapiro Wilk Test Statistic | 0.831 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.179 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.982 |
| A-D Test Statistic | 1.43 |
| A-D Critical (0.95) Value | 0.758 |
| K-S Test Statistic | 0.105 |
| K-S Critical(0.95) Value | 0.0884 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.988 |
| Approximate Shapiro Wilk Test Statistic | 0.957 |
| Approximate Shapiro Wilk P Value | 0.00919 |
| Lilliefors Test Statistic | 0.0659 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data appear Lognormal at (0.05) Significance Level | |
| | |
| Selenium | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 3 |
| Minimum | 0.351 |
| Maximum | 0.78 |
| Mean of Raw Data | 0.455 |
| Standard Deviation of Raw Data | 0.0767 |
| Kstar | 33.33 |
| Mean of Log Transformed Data | -0.802 |
| Standard Deviation of Log Transformed Data | 0.174 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.791 |
| Approximate Shapiro Wilk Test Statistic | 0.638 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.401 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |

| | |
|---|---|
| Correlation Coefficient R | 0.782 |
| A-D Test Statistic | 19.74 |
| A-D Critical (0.95) Value | 0.75 |
| K-S Test Statistic | 0.411 |
| K-S Critical(0.95) Value | 0.0877 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.796 |
| Approximate Shapiro Wilk Test Statistic | 0.634 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.414 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| **Silver** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 10 |
| Minimum | 0.117 |
| Maximum | 2.5 |
| Mean of Raw Data | 1.753 |
| Standard Deviation of Raw Data | 1.084 |
| Kstar | 1.024 |
| Mean of Log Transformed Data | 0.0128 |
| Standard Deviation of Log Transformed Data | 1.355 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.786 |
| Approximate Shapiro Wilk Test Statistic | 0.593 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.425 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.582 |
| A-D Test Statistic | 20.91 |
| A-D Critical (0.95) Value | 0.782 |
| K-S Test Statistic | 0.43 |
| K-S Critical(0.95) Value | 0.0905 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.786 |
| Approximate Shapiro Wilk Test Statistic | 0.592 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.417 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |

| | |
|---|---|
| Thallium | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 2 |
| Minimum | 0.232 |
| Maximum | 0.3 |
| Mean of Raw Data | 0.278 |
| Standard Deviation of Raw Data | 0.0321 |
| Kstar | 68.77 |
| Mean of Log Transformed Data | -1.289 |
| Standard Deviation of Log Transformed Data | 0.121 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.775 |
| Approximate Shapiro Wilk Test Statistic | 0.574 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.427 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.758 |
| A-D Test Statistic | 21.99 |
| A-D Critical (0.95) Value | 0.75 |
| K-S Test Statistic | 0.429 |
| K-S Critical(0.95) Value | 0.0877 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.775 |
| Approximate Shapiro Wilk Test Statistic | 0.574 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.427 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| Vanadium | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 106 |
| Number of Distinct Observations | 86 |
| Minimum | 6.2 |
| Maximum | 47.1 |
| Mean of Raw Data | 18.99 |
| Standard Deviation of Raw Data | 7.863 |
| Kstar | 6.467 |
| Mean of Log Transformed Data | 2.867 |
| Standard Deviation of Log Transformed Data | 0.392 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.953 |

| | |
|---|---|
| Approximate Shapiro Wilk Test Statistic | 0.905 |
| Approximate Shapiro Wilk P Value | 6.6E-09 |
| Lilliefors Test Statistic | 0.129 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.989 |
| A-D Test Statistic | 0.684 |
| A-D Critical (0.95) Value | 0.754 |
| K-S Test Statistic | 0.086 |
| K-S Critical(0.95) Value | 0.088 |
| Data appear Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.996 |
| Approximate Shapiro Wilk Test Statistic | 0.985 |
| Approximate Shapiro Wilk P Value | 0.779 |
| Lilliefors Test Statistic | 0.0615 |
| Lilliefors Critical (0.95) Value | 0.0861 |
| Data appear Lognormal at (0.05) Significance Level | |
| | |
| Zinc | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 105 |
| Number of Missing Values | 1 |
| Number of Distinct Observations | 98 |
| Minimum | 9.7 |
| Maximum | 291 |
| Mean of Raw Data | 42.07 |
| Standard Deviation of Raw Data | 40.39 |
| Kstar | 1.862 |
| Mean of Log Transformed Data | 3.455 |
| Standard Deviation of Log Transformed Data | 0.704 |
| | |
| **Normal Distribution Test Results** | |
| Correlation Coefficient R | 0.816 |
| Approximate Shapiro Wilk Test Statistic | 0.693 |
| Approximate Shapiro Wilk P Value | 0 |
| Lilliefors Test Statistic | 0.224 |
| Lilliefors Critical (0.95) Value | 0.0865 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| Correlation Coefficient R | 0.946 |
| A-D Test Statistic | 3.522 |
| A-D Critical (0.95) Value | 0.766 |
| K-S Test Statistic | 0.124 |
| K-S Critical(0.95) Value | 0.0894 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |

| | |
|---|---|
| **Lognormal Distribution Test Results** | |
| Correlation Coefficient R | 0.975 |
| Approximate Shapiro Wilk Test Statistic | 0.939 |
| Approximate Shapiro Wilk P Value | 0.0001321 |
| Lilliefors Test Statistic | 0.1 |
| Lilliefors Critical (0.95) Value | 0.0865 |
| Data not Lognormal at (0.05) Significance Level | |
| | |
| **BaP-TEQ** | |
| | |
| **Raw Statistics** | |
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 22 |
| Minimum | 0.00106 |
| Maximum | 0.179 |
| Mean of Raw Data | 0.00805 |
| Standard Deviation of Raw Data | 0.0301 |
| Kstar | 0.467 |
| Mean of Log Transformed Data | -6.125 |
| Standard Deviation of Log Transformed Data | 1.117 |
| | |
| **Normal Distribution Test Results** | |
| | |
| Correlation Coefficient R | 0.457 |
| Shapiro Wilk Test Statistic | 0.244 |
| Shapiro Wilk Critical (0.95) Value | 0.934 |
| Approximate Shapiro Wilk P Value | 2.22E-16 |
| Lilliefors Test Statistic | 0.416 |
| Lilliefors Critical (0.95) Value | 0.15 |
| Data not Normal at (0.05) Significance Level | |
| | |
| **Gamma Distribution Test Results** | |
| | |
| Correlation Coefficient R | 0.751 |
| A-D Test Statistic | 6.45 |
| A-D Critical (0.95) Value | 0.815 |
| K-S Test Statistic | 0.316 |
| K-S Critical(0.95) Value | 0.157 |
| Data not Gamma Distributed at (0.05) Significance Level | |
| | |
| **Lognormal Distribution Test Results** | |
| | |
| Correlation Coefficient R | 0.832 |
| Shapiro Wilk Test Statistic | 0.705 |
| Shapiro Wilk Critical (0.95) Value | 0.934 |
| Approximate Shapiro Wilk P Value | 2.635E-08 |
| Lilliefors Test Statistic | 0.258 |
| Lilliefors Critical (0.95) Value | 0.15 |
| Data not Lognormal at (0.05) Significance Level | |

# APPENDIX 5

## ProUCL Output of UTL Evaluation

## Antimony

| General Statistics | | | |
|---|---|---|---|
| Number of Valid Data | 106 | Number of Detected Data | 1 |
| Number of Distinct Detected Data | 1 | Number of Non-Detect Data | 105 |

Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!

It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).

The data set for variable Antimony was not processed!

## Arsenic

| General Statistics | | | |
|---|---|---|---|
| Number of Valid Data | 105 | Number of Detected Data | 102 |
| Number of Distinct Detected Data | 61 | Number of Non-Detect Data | 3 |
| Tolerance Factor | 2.671 | Percent Non-Detects | 2.86% |
| Number of Missing Values | 1 | | |

| Raw Statistics | | Log-transformed Statistics | |
|---|---|---|---|
| Minimum Detected | 0.3 | Minimum Detected | -1.204 |
| Maximum Detected | 11.9 | Maximum Detected | 2.477 |
| Mean of Detected | 2.041 | Mean of Detected | 0.542 |
| SD of Detected | 1.511 | SD of Detected | 0.577 |
| Minimum Non-Detect | 0.3 | Minimum Non-Detect | -1.204 |
| Maximum Non-Detect | 0.3 | Maximum Non-Detect | -1.204 |

| Background Statistics | | | |
|---|---|---|---|
| Normal Distribution Test with Detected Values Only | | Lognormal Distribution Test with Detected Values Only | |
| Lilliefors Test Statistic | 0.181 | Lilliefors Test Statistic | 0.0886 |
| 5% Lilliefors Critical Value | 0.0877 | 5% Lilliefors Critical Value | 0.0877 |
| Data not Normal at 5% Significance Level | | Data not Lognormal at 5% Significance Level | |
| | | | |
| Assuming Normal Distribution | | Assuming Lognormal Distribution | |
| DL/2 Substitution Method | | DL/2 Substitution Method | |
| Mean | 1.987 | Mean (Log Scale) | 0.472 |
| SD | 1.522 | SD (Log Scale) | 0.7 |
| 95% UTL 99% Coverage | 6.053 | 95% UTL 99% Coverage | 10.38 |
| 95% UPL (t) | 4.526 | 95% UPL (t) | 5.148 |
| 90% Percentile (z) | 3.938 | 90% Percentile (z) | 3.929 |
| 95% Percentile (z) | 4.491 | 95% Percentile (z) | 5.067 |
| 99% Percentile (z) | 5.529 | 99% Percentile (z) | 8.162 |
| | | | |
| Maximum Likelihood Estimate(MLE) Method | | Log ROS Method | |
| Mean | 1.969 | Mean in Original Scale | 1.995 |
| SD | 1.545 | SD in Original Scale | 1.513 |
| 95% UTL with 99% Coverage | 6.095 | 95% UTL with 99% Coverage | 8.536 |
| | | 95% BCA UTL with 99% Coverage | 11.9 |
| | | 95% Bootstrap (%) UTL with 99% Coverage | 11.9 |
| 95% UPL (t) | 4.545 | 95% UPL (t) | 4.605 |
| 90% Percentile (z) | 3.949 | 90% Percentile (z) | 3.632 |
| 95% Percentile (z) | 4.51 | 95% Percentile (z) | 4.542 |
| 99% Percentile (z) | 5.563 | 99% Percentile (z) | 6.907 |

| | | | |
|---|---|---|---|
| **Gamma Distribution Test with Detected Values Only** | | **Data Distribution Test with Detected Values Only** | |
| k star (bias corrected) | 2.978 | Data do not follow a Discernable Distribution (0.05) | |
| Theta Star | 0.685 | | |
| nu star | 607.6 | | |
| | | | |
| A-D Test Statistic | 1.627 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.758 | Kaplan-Meier (KM) Method | |
| K-S Test Statistic | 0.101 | Mean | 1.992 |
| 5% K-S Critical Value | 0.0895 | SD | 1.51 |
| Data not Gamma Distributed at 5% Significance Level | | SE of Mean | 0.148 |
| | | 95% KM UTL with 99% Coverage | 6.025 |
| **Assuming Gamma Distribution** | | 95% KM Chebyshev UPL | 8.605 |
| Gamma ROS Statistics with Extrapolated Data | | 95% KM UPL (t) | 4.51 |
| Mean | 1.983 | 90% Percentile (z) | 3.927 |
| Median | 1.66 | 95% Percentile (z) | 4.476 |
| SD | 1.528 | 99% Percentile (z) | 5.505 |
| k star | 1.015 | | |
| Theta star | 1.953 | **Gamma ROS Limits with Extrapolated Data** | |
| Nu star | 213.2 | 95% Wilson Hilferty (WH) Approx. Gamma UPL | 4.962 |
| 95% Percentile of Chisquare (2k) | 6.051 | 95% Hawkins Wixley (HW) Approx. Gamma UPL | 5.684 |
| | | 95% WH Approx. Gamma UTL with 99% Coverage | 8.224 |
| 90% Percentile | 4.549 | 95% HW Approx. Gamma UTL with 99% Coverage | 10.41 |
| 95% Percentile | 5.909 | | |
| 99% Percentile | 9.063 | | |

Note: DL/2 is not a recommended method.

## Barium

| | | | |
|---|---|---|---|
| **General Statistics** | | | |
| Total Number of Observations | 104 | Number of Distinct Observations | 95 |
| Tolerance Factor | 2.672 | Number of Missing Values | 2 |
| | | | |
| **Raw Statistics** | | **Log-Transformed Statistics** | |
| Minimum | 17.7 | Minimum | 2.874 |
| Maximum | 267 | Maximum | 5.587 |
| Second Largest | 203 | Second Largest | 5.313 |
| First Quartile | 41.25 | First Quartile | 3.72 |
| Median | 56 | Median | 4.025 |
| Third Quartile | 74.85 | Third Quartile | 4.315 |
| Mean | 61.58 | Mean | 4.005 |
| SD | 34.25 | SD | 0.475 |
| Coefficient of Variation | 0.556 | | |
| Skewness | 2.953 | | |
| | | | |
| **Background Statistics** | | | |
| **Normal Distribution Test** | | **Lognormal Distribution Test** | |
| Lilliefors Test Statistic | 0.15 | Lilliefors Test Statistic | 0.0764 |
| Lilliefors Critical Value | 0.0869 | Lilliefors Critical Value | 0.0869 |
| Data not Normal at 5% Significance Level | | Data appear Lognormal at 5% Significance Level | |

| Assuming Normal Distribution | | Assuming Lognormal Distribution | |
|---|---|---|---|
| 95% UTL with 99% Coverage | 153.1 | 95% UTL with 99% Coverage | 195.4 |
| 95% UPL (t) | 118.7 | 95% UPL (t) | 121.2 |
| 90% Percentile (z) | 105.5 | 90% Percentile (z) | 100.9 |
| 95% Percentile (z) | 117.9 | 95% Percentile (z) | 119.9 |
| 99% Percentile (z) | 141.3 | 99% Percentile (z) | 165.8 |
| | | | |
| Gamma Distribution Test | | Data Distribution Test | |
| k star | 4.356 | Data appear Lognormal at 5% Significance Level | |
| Theta Star | 14.14 | | |
| MLE of Mean | 61.58 | | |
| MLE of Standard Deviation | 29.51 | | |
| nu star | 906 | | |
| | | | |
| A-D Test Statistic | 0.826 | Nonparametric Statistics | |
| 5% A-D Critical Value | 0.755 | 90% Percentile | 87.05 |
| K-S Test Statistic | 0.091 | 95% Percentile | 106.7 |
| 5% K-S Critical Value | 0.0887 | 99% Percentile | 201.6 |
| Data not Gamma Distributed at 5% Significance Level | | | |
| | | | |
| Assuming Gamma Distribution | | 95% UTL with 99% Coverage | 267 |
| 90% Percentile | 101.1 | 95% Percentile Bootstrap UTL with 99% Coverage | 267 |
| 95% Percentile | 116.7 | 95% BCA Bootstrap UTL with 99% Coverage | 267 |
| 99% Percentile | 150 | 95% UPL | 109.5 |
| | | 95% Chebyshev UPL | 211.6 |
| 95% WH Approx. Gamma UPL | 116.6 | Upper Threshold Limit Based upon IQR | 125.3 |
| 95% HW Approx. Gamma UPL | 117.3 | | |
| 95% WH Approx. Gamma UTL with 99% Coverage | 167.4 | | |
| 95% HW Approx. Gamma UTL with 99% Coverage | 172.2 | | |

## Beryllium

| General Statistics | | | |
|---|---|---|---|
| Number of Valid Data | 106 | Number of Detected Data | 88 |
| Number of Distinct Detected Data | 38 | Number of Non-Detect Data | 18 |
| Tolerance Factor | 2.669 | Percent Non-Detects | 16.98% |
| | | | |
| Raw Statistics | | Log-transformed Statistics | |
| Minimum Detected | 0.182 | Minimum Detected | -1.704 |
| Maximum Detected | 0.8 | Maximum Detected | -0.223 |
| Mean of Detected | 0.276 | Mean of Detected | -1.353 |
| SD of Detected | 0.119 | SD of Detected | 0.333 |
| Minimum Non-Detect | 0.0894 | Minimum Non-Detect | -2.415 |
| Maximum Non-Detect | 0.1 | Maximum Non-Detect | -2.303 |
| | | | |
| Data with Multiple Detection Limits | | Single Detection Limit Scenario | |
| Note: Data have multiple DLs - Use of KM Method is recommended | | Number treated as Non-Detect with Single DL | 18 |
| For all methods (except KM, DL/2, and ROS Methods), | | Number treated as Detected with Single DL | 88 |
| Observations < Largest ND are treated as NDs | | Single DL Non-Detect Percentage | 16.98% |
| | | | |
| Background Statistics | | | |
| Normal Distribution Test with Detected Values Only | | Lognormal Distribution Test with Detected Values Only | |
| Lilliefors Test Statistic | 0.237 | Lilliefors Test Statistic | 0.19 |

| | | | |
|---|---|---|---|
| 5% Lilliefors Critical Value | 0.0944 | 5% Lilliefors Critical Value | 0.0944 |
| Data not Normal at 5% Significance Level | | Data not Lognormal at 5% Significance Level | |
| | | | |
| **Assuming Normal Distribution** | | **Assuming Lognormal Distribution** | |
| DL/2 Substitution Method | | DL/2 Substitution Method | |
| Mean | 0.237 | Mean (Log Scale) | -1.633 |
| SD | 0.138 | SD (Log Scale) | 0.692 |
| 95% UTL 99% Coverage | 0.605 | 95% UTL 99% Coverage | 1.238 |
| 95% UPL (t) | 0.467 | 95% UPL (t) | 0.619 |
| 90% Percentile (z) | 0.414 | 90% Percentile (z) | 0.474 |
| 95% Percentile (z) | 0.464 | 95% Percentile (z) | 0.609 |
| 99% Percentile (z) | 0.558 | 99% Percentile (z) | 0.977 |
| | | | |
| Maximum Likelihood Estimate(MLE) Method | | Log ROS Method | |
| Mean | 0.232 | Mean in Original Scale | 0.25 |
| SD | 0.147 | SD in Original Scale | 0.122 |
| 95% UTL with 99% Coverage | 0.624 | 95% UTL with 99% Coverage | 0.687 |
| | | 95% BCA UTL with 99% Coverage | 0.795 |
| | | 95% Bootstrap (%) UTL with 99% Coverage | 0.8 |
| 95% UPL (t) | 0.477 | 95% UPL (t) | 0.455 |
| 90% Percentile (z) | 0.42 | 90% Percentile (z) | 0.388 |
| 95% Percentile (z) | 0.474 | 95% Percentile (z) | 0.451 |
| 99% Percentile (z) | 0.574 | 99% Percentile (z) | 0.597 |
| | | | |
| **Gamma Distribution Test with Detected Values Only** | | **Data Distribution Test with Detected Values Only** | |
| k star (bias corrected) | 7.677 | Data do not follow a Discernable Distribution (0.05) | |
| Theta Star | 0.0359 | | |
| nu star | 1351 | | |
| | | | |
| A-D Test Statistic | 6.767 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.753 | Kaplan-Meier (KM) Method | |
| K-S Test Statistic | 0.201 | Mean | 0.26 |
| 5% K-S Critical Value | 0.0954 | SD | 0.113 |
| Data not Gamma Distributed at 5% Significance Level | | SE of Mean | 0.0111 |
| | | 95% KM UTL with 99% Coverage | 0.562 |
| **Assuming Gamma Distribution** | | 95% KM Chebyshev UPL | 0.756 |
| Gamma ROS Statistics with Extrapolated Data | | 95% KM UPL (t) | 0.449 |
| Mean | 0.232 | 90% Percentile (z) | 0.405 |
| Median | 0.206 | 95% Percentile (z) | 0.446 |
| SD | 0.145 | 99% Percentile (z) | 0.523 |
| k star | 0.512 | | |
| Theta star | 0.453 | **Gamma ROS Limits with Extrapolated Data** | |
| Nu star | 108.6 | 95% Wilson Hilferty (WH) Approx. Gamma UPL | 0.742 |
| 95% Percentile of Chisquare (2k) | 3.903 | 95% Hawkins Wixley (HW) Approx. Gamma UPL | 0.961 |
| | | 95% WH Approx. Gamma UTL with 99% Coverage | 1.379 |
| 90% Percentile | 0.625 | 95% HW Approx. Gamma UTL with 99% Coverage | 2.113 |
| 95% Percentile | 0.884 | | |
| 99% Percentile | 1.52 | | |
| | | | |
| Note: DL/2 is not a recommended method. | | | |
| | | | |
| | | | |

| Cadmium | | | |
|---|---|---|---|
| | | | |
| General Statistics | | | |
| Number of Valid Data | 106 | Number of Detected Data | 49 |
| Number of Distinct Detected Data | 24 | Number of Non-Detect Data | 57 |
| Tolerance Factor | 2.669 | Percent Non-Detects | 53.77% |
| | | | |
| Raw Statistics | | Log-transformed Statistics | |
| Minimum Detected | 0.105 | Minimum Detected | -2.254 |
| Maximum Detected | 3.81 | Maximum Detected | 1.338 |
| Mean of Detected | 0.551 | Mean of Detected | -0.917 |
| SD of Detected | 0.599 | SD of Detected | 0.749 |
| Minimum Non-Detect | 0.0883 | Minimum Non-Detect | -2.427 |
| Maximum Non-Detect | 0.1 | Maximum Non-Detect | -2.303 |
| | | | |
| Data with Multiple Detection Limits | | Single Detection Limit Scenario | |
| Note: Data have multiple DLs - Use of KM Method is recommended | | Number treated as Non-Detect with Single DL | 57 |
| For all methods (except KM, DL/2, and ROS Methods), | | Number treated as Detected with Single DL | 49 |
| Observations < Largest ND are treated as NDs | | Single DL Non-Detect Percentage | 53.77% |
| | | | |
| Background Statistics | | | |
| Normal Distribution Test with Detected Values Only | | Lognormal Distribution Test with Detected Values Only | |
| Shapiro Wilk Test Statistic | 0.623 | Shapiro Wilk Test Statistic | 0.962 |
| 5% Shapiro Wilk Critical Value | 0.947 | 5% Shapiro Wilk Critical Value | 0.947 |
| Data not Normal at 5% Significance Level | | Data appear Lognormal at 5% Significance Level | |
| | | | |
| Assuming Normal Distribution | | Assuming Lognormal Distribution | |
| DL/2 Substitution Method | | DL/2 Substitution Method | |
| Mean | 0.28 | Mean (Log Scale) | -2.056 |
| SD | 0.477 | SD (Log Scale) | 1.177 |
| 95% UTL 99% Coverage | 1.554 | 95% UTL 99% Coverage | 2.958 |
| 95% UPL (t) | 1.076 | 95% UPL (t) | 0.91 |
| 90% Percentile (z) | 0.892 | 90% Percentile (z) | 0.578 |
| 95% Percentile (z) | 1.065 | 95% Percentile (z) | 0.887 |
| 99% Percentile (z) | 1.39 | 99% Percentile (z) | 1.977 |
| | | | |
| Maximum Likelihood Estimate(MLE) Method | | Log ROS Method | |
| Mean | -0.0672 | Mean in Original Scale | 0.288 |
| SD | 0.794 | SD in Original Scale | 0.474 |
| 95% UTL with 99% Coverage | 2.052 | 95% UTL with 99% Coverage | 4.055 |
| | | 95% BCA UTL with 99% Coverage | 3.81 |
| | | 95% Bootstrap (%) UTL with 99% Coverage | 3.81 |
| 95% UPL (t) | 1.257 | 95% UPL (t) | 1.114 |
| 90% Percentile (z) | 0.95 | 90% Percentile (z) | 0.677 |
| 95% Percentile (z) | 1.239 | 95% Percentile (z) | 1.082 |
| 99% Percentile (z) | 1.78 | 99% Percentile (z) | 2.607 |
| | | | |
| Gamma Distribution Test with Detected Values Only | | Data Distribution Test with Detected Values Only | |
| k star (bias corrected) | 1.62 | Data appear Lognormal at 5% Significance Level | |
| Theta Star | 0.34 | | |
| nu star | 158.7 | | |
| | | | |
| A-D Test Statistic | 1.429 | Nonparametric Statistics | |

| | | | |
|---|---|---|---|
| 5% A-D Critical Value | 0.765 | Kaplan-Meier (KM) Method | |
| K-S Test Statistic | 0.165 | Mean | 0.311 |
| 5% K-S Critical Value | 0.129 | SD | 0.461 |
| Data not Gamma Distributed at 5% Significance Level | | SE of Mean | 0.0452 |
| | | 95% KM UTL with 99% Coverage | 1.54 |
| **Assuming Gamma Distribution** | | 95% KM Chebyshev UPL | 2.328 |
| Gamma ROS Statistics with Extrapolated Data | | 95% KM UPL (t) | 1.079 |
| Mean | 0.254 | 90% Percentile (z) | 0.901 |
| Median | 0.000001 | 95% Percentile (z) | 1.068 |
| SD | 0.49 | 99% Percentile (z) | 1.382 |
| k star | 0.125 | | |
| Theta star | 2.038 | **Gamma ROS Limits with Extrapolated Data** | |
| Nu star | 26.47 | 95% Wilson Hilferty (WH) Approx. Gamma UPL | 1.083 |
| 95% Percentile of Chisquare (2k) | 1.417 | 95% Hawkins Wixley (HW) Approx. Gamma UPL | 1.292 |
| | | 95% WH Approx. Gamma UTL with 99% Coverage | 2.919 |
| 90% Percentile | 0.729 | 95% HW Approx. Gamma UTL with 99% Coverage | 4.69 |
| 95% Percentile | 1.445 | | |
| 99% Percentile | 3.609 | | |

Note: DL/2 is not a recommended method.

## Chromium

| | | | |
|---|---|---|---|
| **General Statistics** | | | |
| Total Number of Observations | 106 | Number of Distinct Observations | 86 |
| Tolerance Factor | 2.669 | | |
| **Raw Statistics** | | **Log-Transformed Statistics** | |
| Minimum | 4.4 | Minimum | 1.482 |
| Maximum | 38.6 | Maximum | 3.653 |
| Second Largest | 36.5 | Second Largest | 3.597 |
| First Quartile | 8.013 | First Quartile | 2.081 |
| Median | 10.25 | Median | 2.327 |
| Third Quartile | 13.08 | Third Quartile | 2.571 |
| Mean | 11.58 | Mean | 2.352 |
| SD | 5.884 | SD | 0.424 |
| Coefficient of Variation | 0.508 | | |
| Skewness | 2.235 | | |
| **Background Statistics** | | | |
| **Normal Distribution Test** | | **Lognormal Distribution Test** | |
| Lilliefors Test Statistic | 0.165 | Lilliefors Test Statistic | 0.0696 |
| Lilliefors Critical Value | 0.0861 | Lilliefors Critical Value | 0.0861 |
| Data not Normal at 5% Significance Level | | Data appear Lognormal at 5% Significance Level | |
| **Assuming Normal Distribution** | | **Assuming Lognormal Distribution** | |
| 95% UTL with 99% Coverage | 27.28 | 95% UTL with 99% Coverage | 32.54 |
| 95% UPL (t) | 21.39 | 95% UPL (t) | 21.29 |
| 90% Percentile (z) | 19.12 | 90% Percentile (z) | 18.08 |
| 95% Percentile (z) | 21.25 | 95% Percentile (z) | 21.09 |
| 99% Percentile (z) | 25.26 | 99% Percentile (z) | 28.14 |

| Gamma Distribution Test | | Data Distribution Test | |
|---|---|---|---|
| k star | 5.177 | Data appear Lognormal at 5% Significance Level | |
| Theta Star | 2.236 | | |
| MLE of Mean | 11.58 | | |
| MLE of Standard Deviation | 5.088 | | |
| nu star | 1098 | | |
| | | | |
| A-D Test Statistic | 1.551 | Nonparametric Statistics | |
| 5% A-D Critical Value | 0.754 | 90% Percentile | 17.5 |
| K-S Test Statistic | 0.103 | 95% Percentile | 21.5 |
| 5% K-S Critical Value | 0.088 | 99% Percentile | 36.14 |
| Data not Gamma Distributed at 5% Significance Level | | | |
| | | | |
| Assuming Gamma Distribution | | 95% UTL with 99% Coverage | 38.6 |
| 90% Percentile | 18.39 | 95% Percentile Bootstrap UTL with 99% Coverage | 38.6 |
| 95% Percentile | 21.01 | 95% BCA Bootstrap UTL with 99% Coverage | 38.6 |
| 99% Percentile | 26.55 | 95% UPL | 21.6 |
| | | 95% Chebyshev UPL | 37.34 |
| 95% WH Approx. Gamma UPL | 21.01 | Upper Threshold Limit Based upon IQR | 20.67 |
| 95% HW Approx. Gamma UPL | 21.04 | | |
| 95% WH Approx. Gamma UTL with 99% Coverage | 29.43 | | |
| 95% HW Approx. Gamma UTL with 99% Coverage | 30.01 | | |

## Cobalt

| General Statistics | | | |
|---|---|---|---|
| Number of Valid Data | 106 | Number of Detected Data | 102 |
| Number of Distinct Detected Data | 74 | Number of Non-Detect Data | 4 |
| Tolerance Factor | 2.669 | Percent Non-Detects | 3.77% |

| Raw Statistics | | Log-transformed Statistics | |
|---|---|---|---|
| Minimum Detected | 2.5 | Minimum Detected | 0.916 |
| Maximum Detected | 15.7 | Maximum Detected | 2.754 |
| Mean of Detected | 5.215 | Mean of Detected | 1.585 |
| SD of Detected | 2.16 | SD of Detected | 0.353 |
| Minimum Non-Detect | 2.5 | Minimum Non-Detect | 0.916 |
| Maximum Non-Detect | 2.5 | Maximum Non-Detect | 0.916 |

| Background Statistics | | | |
|---|---|---|---|
| Normal Distribution Test with Detected Values Only | | Lognormal Distribution Test with Detected Values Only | |
| Lilliefors Test Statistic | 0.17 | Lilliefors Test Statistic | 0.0953 |
| 5% Lilliefors Critical Value | 0.0877 | 5% Lilliefors Critical Value | 0.0877 |
| Data not Normal at 5% Significance Level | | Data not Lognormal at 5% Significance Level | |
| | | | |
| Assuming Normal Distribution | | Assuming Lognormal Distribution | |
| DL/2 Substitution Method | | DL/2 Substitution Method | |
| Mean | 5.066 | Mean (Log Scale) | 1.534 |
| SD | 2.25 | SD (Log Scale) | 0.434 |
| 95% UTL 99% Coverage | 11.07 | 95% UTL 99% Coverage | 14.75 |
| 95% UPL (t) | 8.818 | 95% UPL (t) | 9.552 |
| 90% Percentile (z) | 7.95 | 90% Percentile (z) | 8.081 |

| | | | |
|---|---|---|---|
| 95% Percentile (z) | 8.767 | 95% Percentile (z) | 9.46 |
| 99% Percentile (z) | 10.3 | 99% Percentile (z) | 12.71 |
| | | | |
| Maximum Likelihood Estimate(MLE) Method | | Log ROS Method | |
| Mean | 5.071 | Mean in Original Scale | 5.097 |
| SD | 2.239 | SD in Original Scale | 2.202 |
| 95% UTL with 99% Coverage | 11.05 | 95% UTL with 99% Coverage | 13.15 |
| | | 95% BCA UTL with 99% Coverage | 15.7 |
| | | 95% Bootstrap (%) UTL with 99% Coverage | 15.7 |
| 95% UPL (t) | 8.803 | 95% UPL (t) | 8.957 |
| 90% Percentile (z) | 7.94 | 90% Percentile (z) | 7.725 |
| 95% Percentile (z) | 8.753 | 95% Percentile (z) | 8.88 |
| 99% Percentile (z) | 10.28 | 99% Percentile (z) | 11.53 |
| | | | |
| **Gamma Distribution Test with Detected Values Only** | | **Data Distribution Test with Detected Values Only** | |
| k star (bias corrected) | 7.461 | Data do not follow a Discernable Distribution (0.05) | |
| Theta Star | 0.699 | | |
| nu star | 1522 | | |
| | | | |
| A-D Test Statistic | 1.318 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.753 | Kaplan-Meier (KM) Method | |
| K-S Test Statistic | 0.122 | Mean | 5.113 |
| 5% K-S Critical Value | 0.089 | SD | 2.171 |
| Data not Gamma Distributed at 5% Significance Level | | SE of Mean | 0.212 |
| | | 95% KM UTL with 99% Coverage | 10.91 |
| **Assuming Gamma Distribution** | | 95% KM Chebyshev UPL | 14.62 |
| Gamma ROS Statistics with Extrapolated Data | | 95% KM UPL (t) | 8.732 |
| Mean | 5.021 | 90% Percentile (z) | 7.895 |
| Median | 4.74 | 95% Percentile (z) | 8.684 |
| SD | 2.337 | 99% Percentile (z) | 10.16 |
| k star | 1.125 | | |
| Theta star | 4.464 | **Gamma ROS Limits with Extrapolated Data** | |
| Nu star | 238.4 | 95% Wilson Hilferty (WH) Approx. Gamma UPL | 11.5 |
| 95% Percentile of Chisquare (2k) | 6.466 | 95% Hawkins Wixley (HW) Approx. Gamma UPL | 13.64 |
| | | 95% WH Approx. Gamma UTL with 99% Coverage | 18.02 |
| 90% Percentile | 11.23 | 95% HW Approx. Gamma UTL with 99% Coverage | 23.83 |
| 95% Percentile | 14.43 | | |
| 99% Percentile | 21.81 | | |
| | | | |
| Note: DL/2 is not a recommended method. | | | |
| | | | |
| Copper | | | |
| | | | |
| **General Statistics** | | | |
| Total Number of Observations | 106 | Number of Distinct Observations | 89 |
| Tolerance Factor | 2.669 | | |
| | | | |
| **Raw Statistics** | | **Log-Transformed Statistics** | |
| Minimum | 2.69 | Minimum | 0.99 |
| Maximum | 59 | Maximum | 4.078 |
| Second Largest | 44.1 | Second Largest | 3.786 |
| First Quartile | 6.818 | First Quartile | 1.919 |
| Median | 12.15 | Median | 2.497 |

| | | | |
|---|---|---|---|
| Third Quartile | 18.35 | Third Quartile | 2.91 |
| Mean | 13.94 | Mean | 2.426 |
| SD | 9.607 | SD | 0.653 |
| Coefficient of Variation | 0.689 | | |
| Skewness | 1.735 | | |
| | | | |
| **Background Statistics** | | | |
| **Normal Distribution Test** | | **Lognormal Distribution Test** | |
| Lilliefors Test Statistic | 0.132 | Lilliefors Test Statistic | 0.0712 |
| Lilliefors Critical Value | 0.0861 | Lilliefors Critical Value | 0.0861 |
| Data not Normal at 5% Significance Level | | Data appear Lognormal at 5% Significance Level | |
| | | | |
| **Assuming Normal Distribution** | | **Assuming Lognormal Distribution** | |
| 95% UTL with 99% Coverage | 39.58 | 95% UTL with 99% Coverage | 64.62 |
| 95% UPL (t) | 29.96 | 95% UPL (t) | 33.6 |
| 90% Percentile (z) | 26.25 | 90% Percentile (z) | 26.12 |
| 95% Percentile (z) | 29.74 | 95% Percentile (z) | 33.11 |
| 99% Percentile (z) | 36.29 | 99% Percentile (z) | 51.67 |
| | | | |
| **Gamma Distribution Test** | | **Data Distribution Test** | |
| k star | 2.482 | Data Follow Appr. Gamma Distribution at 5% Significance Level | |
| Theta Star | 5.618 | | |
| MLE of Mean | 13.94 | | |
| MLE of Standard Deviation | 8.85 | | |
| nu star | 526.1 | | |
| | | | |
| A-D Test Statistic | 0.689 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.762 | 90% Percentile | 25.8 |
| K-S Test Statistic | 0.0891 | 95% Percentile | 31.78 |
| 5% K-S Critical Value | 0.0888 | 99% Percentile | 43.79 |
| Data follow Appx. Gamma Distribution at 5% Significance Level | | | |
| | | | |
| **Assuming Gamma Distribution** | | 95% UTL with 99% Coverage | 59 |
| 90% Percentile | 25.8 | 95% Percentile Bootstrap UTL with 99% Coverage | 59 |
| 95% Percentile | 30.94 | 95% BCA Bootstrap UTL with 99% Coverage | 59 |
| 99% Percentile | 42.2 | 95% UPL | 34.32 |
| | | 95% Chebyshev UPL | 56.02 |
| 95% WH Approx. Gamma UPL | 30.94 | Upper Threshold Limit Based upon IQR | 35.65 |
| 95% HW Approx. Gamma UPL | 31.39 | | |
| 95% WH Approx. Gamma UTL with 99% Coverage | 48.4 | | |
| 95% HW Approx. Gamma UTL with 99% Coverage | 51.01 | | |
| | | | |
| | | | |
| **Lead** | | | |
| | | | |
| **General Statistics** | | | |
| Number of Valid Data | 106 | Number of Detected Data | 100 |
| Number of Distinct Detected Data | 82 | Number of Non-Detect Data | 6 |
| Tolerance Factor | 2.669 | Percent Non-Detects | 5.66% |
| | | | |
| **Raw Statistics** | | **Log-transformed Statistics** | |
| Minimum Detected | 2.3 | Minimum Detected | 0.833 |
| Maximum Detected | 112 | Maximum Detected | 4.718 |

| | | | |
|---|---|---|---|
| Mean of Detected | 13.7 | Mean of Detected | 2.071 |
| SD of Detected | 18.57 | SD of Detected | 0.94 |
| Minimum Non-Detect | 2.5 | Minimum Non-Detect | 0.916 |
| Maximum Non-Detect | 2.5 | Maximum Non-Detect | 0.916 |
| | | | |
| | | | |
| **Background Statistics** | | | |
| **Normal Distribution Test with Detected Values Only** | | **Lognormal Distribution Test with Detected Values Only** | |
| Lilliefors Test Statistic | 0.299 | Lilliefors Test Statistic | 0.161 |
| 5% Lilliefors Critical Value | 0.0886 | 5% Lilliefors Critical Value | 0.0886 |
| Data not Normal at 5% Significance Level | | Data not Lognormal at 5% Significance Level | |
| | | | |
| **Assuming Normal Distribution** | | **Assuming Lognormal Distribution** | |
| DL/2 Substitution Method | | DL/2 Substitution Method | |
| Mean | 13 | Mean (Log Scale) | 1.966 |
| SD | 18.26 | SD (Log Scale) | 1.008 |
| 95% UTL 99% Coverage | 61.73 | 95% UTL 99% Coverage | 105.4 |
| 95% UPL (t) | 43.44 | 95% UPL (t) | 38.39 |
| 90% Percentile (z) | 36.4 | 90% Percentile (z) | 26.02 |
| 95% Percentile (z) | 43.03 | 95% Percentile (z) | 37.54 |
| 99% Percentile (z) | 55.47 | 99% Percentile (z) | 74.63 |
| | | | |
| Maximum Likelihood Estimate(MLE) Method | | Log ROS Method | |
| Mean | 12.27 | Mean in Original Scale | 12.99 |
| SD | 19 | SD in Original Scale | 18.27 |
| 95% UTL with 99% Coverage | 62.97 | 95% UTL with 99% Coverage | 111.1 |
| | | 95% BCA UTL with 99% Coverage | 112 |
| | | 95% Bootstrap (%) UTL with 99% Coverage | 112 |
| 95% UPL (t) | 43.95 | 95% UPL (t) | 39.49 |
| 90% Percentile (z) | 36.62 | 90% Percentile (z) | 26.51 |
| 95% Percentile (z) | 43.52 | 95% Percentile (z) | 38.58 |
| 99% Percentile (z) | 56.47 | 99% Percentile (z) | 77.98 |
| | | | |
| **Gamma Distribution Test with Detected Values Only** | | **Data Distribution Test with Detected Values Only** | |
| k star (bias corrected) | 1.025 | Data do not follow a Discernable Distribution (0.05) | |
| Theta Star | 13.36 | | |
| nu star | 205.1 | | |
| | | | |
| A-D Test Statistic | 7.995 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.782 | Kaplan-Meier (KM) Method | |
| K-S Test Statistic | 0.227 | Mean | 13.06 |
| 5% K-S Critical Value | 0.092 | SD | 18.14 |
| Data not Gamma Distributed at 5% Significance Level | | SE of Mean | 1.77 |
| | | 95% KM UTL with 99% Coverage | 61.46 |
| **Assuming Gamma Distribution** | | 95% KM Chebyshev UPL | 92.48 |
| Gamma ROS Statistics with Extrapolated Data | | 95% KM UPL (t) | 43.29 |
| Mean | 12.93 | 90% Percentile (z) | 36.3 |
| Median | 5.7 | 95% Percentile (z) | 42.89 |
| SD | 18.31 | 99% Percentile (z) | 55.25 |
| k star | 0.456 | | |
| Theta star | 28.32 | **Gamma ROS Limits with Extrapolated Data** | |
| Nu star | 96.77 | 95% Wilson Hilferty (WH) Approx. Gamma UPL | 41.9 |
| 95% Percentile of Chisquare (2k) | 3.622 | 95% Hawkins Wixley (HW) Approx. Gamma UPL | 47.27 |

| | | | |
|---|---|---|---|
| | | 95% WH Approx. Gamma UTL with 99% Coverage | 83.28 |
| 90% Percentile | 35.62 | 95% HW Approx. Gamma UTL with 99% Coverage | 107 |
| 95% Percentile | 51.29 | | |
| 99% Percentile | 90.15 | | |

Note: DL/2 is not a recommended method.

## Mercury

| General Statistics | | | |
|---|---|---|---|
| Number of Valid Data | 106 | Number of Detected Data | 30 |
| Number of Distinct Detected Data | 28 | Number of Non-Detect Data | 76 |
| Tolerance Factor | 2.669 | Percent Non-Detects | 71.70% |

| Raw Statistics | | Log-transformed Statistics | |
|---|---|---|---|
| Minimum Detected | 0.0175 | Minimum Detected | -4.046 |
| Maximum Detected | 0.324 | Maximum Detected | -1.127 |
| Mean of Detected | 0.0493 | Mean of Detected | -3.342 |
| SD of Detected | 0.0599 | SD of Detected | 0.71 |
| Minimum Non-Detect | 0.0039 | Minimum Non-Detect | -5.547 |
| Maximum Non-Detect | 0.1 | Maximum Non-Detect | -2.303 |

| Data with Multiple Detection Limits | Single Detection Limit Scenario | |
|---|---|---|
| Note: Data have multiple DLs - Use of KM Method is recommended | Number treated as Non-Detect with Single DL | 103 |
| For all methods (except KM, DL/2, and ROS Methods), | Number treated as Detected with Single DL | 3 |
| Observations < Largest ND are treated as NDs | Single DL Non-Detect Percentage | 97.17% |

| Background Statistics | | | |
|---|---|---|---|
| Normal Distribution Test with Detected Values Only | | Lognormal Distribution Test with Detected Values Only | |
| Shapiro Wilk Test Statistic | 0.54 | Shapiro Wilk Test Statistic | 0.84 |
| 5% Shapiro Wilk Critical Value | 0.927 | 5% Shapiro Wilk Critical Value | 0.927 |
| Data not Normal at 5% Significance Level | | Data not Lognormal at 5% Significance Level | |
| | | | |
| Assuming Normal Distribution | | Assuming Lognormal Distribution | |
| DL/2 Substitution Method | | DL/2 Substitution Method | |
| Mean | 0.0475 | Mean (Log Scale) | -3.247 |
| SD | 0.0331 | SD (Log Scale) | 0.782 |
| 95% UTL 99% Coverage | 0.136 | 95% UTL 99% Coverage | 0.313 |
| 95% UPL (t) | 0.103 | 95% UPL (t) | 0.143 |
| 90% Percentile (z) | 0.0899 | 90% Percentile (z) | 0.106 |
| 95% Percentile (z) | 0.102 | 95% Percentile (z) | 0.141 |
| 99% Percentile (z) | 0.124 | 99% Percentile (z) | 0.24 |
| | | | |
| Maximum Likelihood Estimate(MLE) Method | | Log ROS Method | |
| Mean | -0.368 | Mean in Original Scale | 0.0351 |
| SD | 0.245 | SD in Original Scale | 0.0371 |
| 95% UTL with 99% Coverage | 0.286 | 95% UTL with 99% Coverage | 0.187 |
| | | 95% BCA UTL with 99% Coverage | 0.324 |
| | | 95% Bootstrap (%) UTL with 99% Coverage | 0.324 |
| 95% UPL (t) | 0.0409 | 95% UPL (t) | 0.0893 |
| 90% Percentile (z) | -0.0537 | 90% Percentile (z) | 0.0672 |
| 95% Percentile (z) | 0.0354 | 95% Percentile (z) | 0.0878 |
| 99% Percentile (z) | 0.202 | 99% Percentile (z) | 0.145 |

| | | | |
|---|---|---|---|
| **Gamma Distribution Test with Detected Values Only** | | **Data Distribution Test with Detected Values Only** | |
| k star (bias corrected) | 1.511 | Data do not follow a Discernable Distribution (0.05) | |
| Theta Star | 0.0326 | | |
| nu star | 90.69 | | |
| | | | |
| A-D Test Statistic | 2.521 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.762 | Kaplan-Meier (KM) Method | |
| K-S Test Statistic | 0.25 | Mean | 0.0355 |
| 5% K-S Critical Value | 0.163 | SD | 0.0359 |
| Data not Gamma Distributed at 5% Significance Level | | SE of Mean | 0.00443 |
| | | 95% KM UTL with 99% Coverage | 0.131 |
| **Assuming Gamma Distribution** | | 95% KM Chebyshev UPL | 0.193 |
| Gamma ROS Statistics with Extrapolated Data | | 95% KM UPL (t) | 0.0953 |
| Mean | 0.0393 | 90% Percentile (z) | 0.0815 |
| Median | 0.0284 | 95% Percentile (z) | 0.0945 |
| SD | 0.0429 | 99% Percentile (z) | 0.119 |
| k star | 0.283 | | |
| Theta star | 0.139 | **Gamma ROS Limits with Extrapolated Data** | |
| Nu star | 59.92 | 95% Wilson Hilferty (WH) Approx. Gamma UPL | 0.16 |
| 95% Percentile of Chisquare (2k) | 2.635 | 95% Hawkins Wixley (HW) Approx. Gamma UPL | 0.21 |
| | | 95% WH Approx. Gamma UTL with 99% Coverage | 0.354 |
| 90% Percentile | 0.117 | 95% HW Approx. Gamma UTL with 99% Coverage | 0.575 |
| 95% Percentile | 0.183 | | |
| 99% Percentile | 0.357 | | |
| | | | |
| Note: DL/2 is not a recommended method. | | | |
| | | | |
| Molybdenum | | | |
| | | | |
| **General Statistics** | | | |
| Number of Valid Data | 106 | Number of Detected Data | 16 |
| Number of Distinct Detected Data | 16 | Number of Non-Detect Data | 90 |
| Tolerance Factor | 2.669 | Percent Non-Detects | 84.91% |
| | | | |
| **Raw Statistics** | | **Log-transformed Statistics** | |
| Minimum Detected | 0.0978 | Minimum Detected | -2.325 |
| Maximum Detected | 0.625 | Maximum Detected | -0.47 |
| Mean of Detected | 0.191 | Mean of Detected | -1.8 |
| SD of Detected | 0.136 | SD of Detected | 0.492 |
| Minimum Non-Detect | 0.0777 | Minimum Non-Detect | -2.555 |
| Maximum Non-Detect | 2.5 | Maximum Non-Detect | 0.916 |
| | | | |
| **Data with Multiple Detection Limits** | | **Single Detection Limit Scenario** | |
| Note: Data have multiple DLs - Use of KM Method is recommended | | Number treated as Non-Detect with Single DL | 106 |
| For all methods (except KM, DL/2, and ROS Methods), | | Number treated as Detected with Single DL | 0 |
| Observations < Largest ND are treated as NDs | | Single DL Non-Detect Percentage | 100.00% |
| | | | |
| **Background Statistics** | | | |
| **Normal Distribution Test with Detected Values Only** | | **Lognormal Distribution Test with Detected Values Only** | |
| Shapiro Wilk Test Statistic | 0.629 | Shapiro Wilk Test Statistic | 0.816 |
| 5% Shapiro Wilk Critical Value | 0.887 | 5% Shapiro Wilk Critical Value | 0.887 |
| Data not Normal at 5% Significance Level | | Data not Lognormal at 5% Significance Level | |
| | | | |

| Assuming Normal Distribution | | Assuming Lognormal Distribution | |
|---|---|---|---|
| DL/2 Substitution Method | | DL/2 Substitution Method | |
| Mean | 0.873 | Mean (Log Scale) | -0.704 |
| SD | 0.544 | SD (Log Scale) | 1.404 |
| 95% UTL 99% Coverage | 2.324 | 95% UTL 99% Coverage | 20.94 |
| 95% UPL (t) | 1.779 | 95% UPL (t) | 5.134 |
| 90% Percentile (z) | 1.57 | 90% Percentile (z) | 2.987 |
| 95% Percentile (z) | 1.767 | 95% Percentile (z) | 4.974 |
| 99% Percentile (z) | 2.138 | 99% Percentile (z) | 12.95 |
| | | | |
| Maximum Likelihood Estimate(MLE) Method | N/A | Log ROS Method | |
| | | Mean in Original Scale | 0.111 |
| | | SD in Original Scale | 0.109 |
| | | Mean in Log Scale | -2.564 |
| | | SD in Log Scale | 0.867 |
| | | 95% UTL 99% Coverage | 0.778 |
| | | 95% UPL (t) | 0.327 |
| | | 90% Percentile (z) | 0.234 |
| | | 95% Percentile (z) | 0.32 |
| | | 99% Percentile (z) | 0.578 |
| | | | |
| **Gamma Distribution Test with Detected Values Only** | | **Data Distribution Test with Detected Values Only** | |
| k star (bias corrected) | 2.987 | Data do not follow a Discernable Distribution (0.05) | |
| Theta Star | 0.0639 | | |
| nu star | 95.57 | | |
| | | | |
| A-D Test Statistic | 1.555 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.743 | Kaplan-Meier (KM) Method | |
| K-S Test Statistic | 0.264 | Mean | 0.14 |
| 5% K-S Critical Value | 0.216 | SD | 0.101 |
| Data not Gamma Distributed at 5% Significance Level | | SE of Mean | 0.0176 |
| | | 95% KM UTL with 99% Coverage | 0.409 |
| **Assuming Gamma Distribution** | | 95% KM Chebyshev UPL | 0.581 |
| Gamma ROS Statistics with Extrapolated Data | | 95% KM UPL (t) | 0.308 |
| Mean | 0.0863 | 90% Percentile (z) | 0.269 |
| Median | 0.000001 | 95% Percentile (z) | 0.306 |
| SD | 0.121 | 99% Percentile (z) | 0.374 |
| k star | 0.136 | | |
| Theta star | 0.635 | **Gamma ROS Limits with Extrapolated Data** | |
| Nu star | 28.79 | 95% Wilson Hilferty (WH) Approx. Gamma UPL | 0.384 |
| 95% Percentile of Chisquare (2k) | 1.522 | 95% Hawkins Wixley (HW) Approx. Gamma UPL | 0.465 |
| | | 95% WH Approx. Gamma UTL with 99% Coverage | 1.026 |
| 90% Percentile | 0.252 | 95% HW Approx. Gamma UTL with 99% Coverage | 1.667 |
| 95% Percentile | 0.483 | | |
| 99% Percentile | 1.17 | | |
| Note: DL/2 is not a recommended method. | | | |

## Nickel

| General Statistics | | | |
|---|---|---|---|
| Number of Valid Data | 106 | Number of Detected Data | 95 |
| Number of Distinct Detected Data | 84 | Number of Non-Detect Data | 11 |
| Tolerance Factor | 2.669 | Percent Non-Detects | 10.38% |

| | | | |
|---|---|---|---|
| **Raw Statistics** | | **Log-transformed Statistics** | |
| Minimum Detected | 3 | Minimum Detected | 1.099 |
| Maximum Detected | 27.2 | Maximum Detected | 3.303 |
| Mean of Detected | 8.186 | Mean of Detected | 1.976 |
| SD of Detected | 4.689 | SD of Detected | 0.484 |
| Minimum Non-Detect | 2.5 | Minimum Non-Detect | 0.916 |
| Maximum Non-Detect | 2.5 | Maximum Non-Detect | 0.916 |
| | | | |
| | | | |
| **Background Statistics** | | | |
| **Normal Distribution Test with Detected Values Only** | | **Lognormal Distribution Test with Detected Values Only** | |
| Lilliefors Test Statistic | 0.194 | Lilliefors Test Statistic | 0.105 |
| 5% Lilliefors Critical Value | 0.0909 | 5% Lilliefors Critical Value | 0.0909 |
| Data not Normal at 5% Significance Level | | Data not Lognormal at 5% Significance Level | |
| | | | |
| **Assuming Normal Distribution** | | **Assuming Lognormal Distribution** | |
| DL/2 Substitution Method | | DL/2 Substitution Method | |
| Mean | 7.466 | Mean (Log Scale) | 1.794 |
| SD | 4.919 | SD (Log Scale) | 0.706 |
| 95% UTL 99% Coverage | 20.6 | 95% UTL 99% Coverage | 39.54 |
| 95% UPL (t) | 15.67 | 95% UPL (t) | 19.5 |
| 90% Percentile (z) | 13.77 | 90% Percentile (z) | 14.86 |
| 95% Percentile (z) | 15.56 | 95% Percentile (z) | 19.2 |
| 99% Percentile (z) | 18.91 | 99% Percentile (z) | 31.05 |
| | | | |
| Maximum Likelihood Estimate(MLE) Method | | Log ROS Method | |
| Mean | 7.306 | Mean in Original Scale | 7.586 |
| SD | 5.173 | SD in Original Scale | 4.779 |
| 95% UTL with 99% Coverage | 21.11 | 95% UTL with 99% Coverage | 29.75 |
| | | 95% BCA UTL with 99% Coverage | 27.2 |
| | | 95% Bootstrap (%) UTL with 99% Coverage | 27.2 |
| 95% UPL (t) | 15.93 | 95% UPL (t) | 16.74 |
| 90% Percentile (z) | 13.94 | 90% Percentile (z) | 13.41 |
| 95% Percentile (z) | 15.81 | 95% Percentile (z) | 16.52 |
| 99% Percentile (z) | 19.34 | 99% Percentile (z) | 24.44 |
| | | | |
| **Gamma Distribution Test with Detected Values Only** | | **Data Distribution Test with Detected Values Only** | |
| k star (bias corrected) | 3.991 | Data do not follow a Discernable Distribution (0.05) | |
| Theta Star | 2.051 | | |
| nu star | 758.3 | | |
| | | | |
| A-D Test Statistic | 2.313 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.756 | Kaplan-Meier (KM) Method | |
| K-S Test Statistic | 0.135 | Mean | 7.648 |
| 5% K-S Critical Value | 0.0921 | SD | 4.69 |
| Data not Gamma Distributed at 5% Significance Level | | SE of Mean | 0.458 |
| | | 95% KM UTL with 99% Coverage | 20.17 |
| **Assuming Gamma Distribution** | | 95% KM Chebyshev UPL | 28.19 |
| Gamma ROS Statistics with Extrapolated Data | | 95% KM UPL (t) | 15.47 |
| Mean | 7.336 | 90% Percentile (z) | 13.66 |
| Median | 6.145 | 95% Percentile (z) | 15.36 |
| SD | 5.097 | 99% Percentile (z) | 18.56 |

| | | | |
|---|---|---|---|
| k star | 0.393 | | |
| Theta star | 18.68 | **Gamma ROS Limits with Extrapolated Data** | |
| Nu star | 83.28 | 95% Wilson Hilferty (WH) Approx. Gamma UPL | 23.91 |
| 95% Percentile of Chisquare (2k) | 3.285 | 95% Hawkins Wixley (HW) Approx. Gamma UPL | 31.7 |
| | | 95% WH Approx. Gamma UTL with 99% Coverage | 45 |
| 90% Percentile | 20.79 | 95% HW Approx. Gamma UTL with 99% Coverage | 71.44 |
| 95% Percentile | 30.67 | | |
| 99% Percentile | 55.58 | | |

Note: DL/2 is not a recommended method.

## Selenium

**General Statistics**

| | | | |
|---|---|---|---|
| Number of Valid Data | 106 | Number of Detected Data | 1 |
| Number of Distinct Detected Data | 1 | Number of Non-Detect Data | 105 |

Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!

It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).

The data set for variable Selenium was not processed!

## Silver

**General Statistics**

| | | | |
|---|---|---|---|
| Number of Valid Data | 106 | Number of Detected Data | 9 |
| Number of Distinct Detected Data | 8 | Number of Non-Detect Data | 97 |
| Tolerance Factor | 2.669 | Percent Non-Detects | 91.51% |

| Raw Statistics | | Log-transformed Statistics | |
|---|---|---|---|
| Minimum Detected | 0.132 | Minimum Detected | -2.025 |
| Maximum Detected | 1.29 | Maximum Detected | 0.255 |
| Mean of Detected | 0.582 | Mean of Detected | -0.88 |
| SD of Detected | 0.469 | SD of Detected | 0.898 |
| Minimum Non-Detect | 0.117 | Minimum Non-Detect | -2.146 |
| Maximum Non-Detect | 2.5 | Maximum Non-Detect | 0.916 |

| Data with Multiple Detection Limits | Single Detection Limit Scenario | |
|---|---|---|
| Note: Data have multiple DLs - Use of KM Method is recommended | Number treated as Non-Detect with Single DL | 106 |
| For all methods (except KM, DL/2, and ROS Methods), | Number treated as Detected with Single DL | 0 |
| Observations < Largest ND are treated as NDs | Single DL Non-Detect Percentage | 100.00% |

Warning: There are only 9 Detected Values in this data

Note: It should be noted that even though bootstrap may be performed on this data set

the resulting calculations may not be reliable enough to draw conclusions

It is recommended to have 10-15 or more distinct observations for accurate and meaningful results.

**Background Statistics**

| Normal Distribution Test with Detected Values Only | | Lognormal Distribution Test with Detected Values Only | |
|---|---|---|---|
| Shapiro Wilk Test Statistic | 0.832 | Shapiro Wilk Test Statistic | 0.878 |

| | | | |
|---|---|---|---|
| 5% Shapiro Wilk Critical Value | 0.829 | 5% Shapiro Wilk Critical Value | 0.829 |
| Data appear Normal at 5% Significance Level | | Data appear Lognormal at 5% Significance Level | |
| | | | |
| **Assuming Normal Distribution** | | **Assuming Lognormal Distribution** | |
| DL/2 Substitution Method | | DL/2 Substitution Method | |
| Mean | 0.901 | Mean (Log Scale) | -0.622 |
| SD | 0.533 | SD (Log Scale) | 1.329 |
| 95% UTL 99% Coverage | 2.322 | 95% UTL 99% Coverage | 18.65 |
| 95% UPL (t) | 1.789 | 95% UPL (t) | 4.927 |
| 90% Percentile (z) | 1.584 | 90% Percentile (z) | 2.951 |
| 95% Percentile (z) | 1.777 | 95% Percentile (z) | 4.782 |
| 99% Percentile (z) | 2.14 | 99% Percentile (z) | 11.83 |
| | | | |
| Maximum Likelihood Estimate(MLE) Method | N/A | Log ROS Method | |
| | | Mean in Original Scale | 0.184 |
| | | SD in Original Scale | 0.445 |
| | | Mean in Log Scale | -3.451 |
| | | SD in Log Scale | 2.015 |
| | | 95% UTL 99% Coverage | 6.87 |
| | | 95% UPL (t) | 0.913 |
| | | 90% Percentile (z) | 0.42 |
| | | 95% Percentile (z) | 0.873 |
| | | 99% Percentile (z) | 3.445 |
| | | | |
| **Gamma Distribution Test with Detected Values Only** | | **Data Distribution Test with Detected Values Only** | |
| k star (bias corrected) | 1.159 | Data appear Normal at 5% Significance Level | |
| Theta Star | 0.502 | | |
| nu star | 20.86 | | |
| | | | |
| A-D Test Statistic | 0.606 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.733 | Kaplan-Meier (KM) Method | |
| K-S Test Statistic | 0.259 | Mean | 0.248 |
| 5% K-S Critical Value | 0.284 | SD | 0.298 |
| Data appear Gamma Distributed at 5% Significance Level | | SE of Mean | 0.0535 |
| | | 95% KM UTL with 99% Coverage | 1.044 |
| **Assuming Gamma Distribution** | | 95% KM Chebyshev UPL | 1.554 |
| Gamma ROS Statistics with Extrapolated Data | | 95% KM UPL (t) | 0.745 |
| Mean | 0.147 | 90% Percentile (z) | 0.63 |
| Median | 0.000001 | 95% Percentile (z) | 0.738 |
| SD | 0.335 | 99% Percentile (z) | 0.942 |
| k star | 0.0956 | | |
| Theta star | 1.541 | **Gamma ROS Limits with Extrapolated Data** | |
| Nu star | 20.26 | 95% Wilson Hilferty (WH) Approx. Gamma UPL | 0.481 |
| 95% Percentile of Chisquare (2k) | 1.112 | 95% Hawkins Wixley (HW) Approx. Gamma UPL | 0.432 |
| | | 95% WH Approx. Gamma UTL with 99% Coverage | 1.475 |
| 90% Percentile | 0.384 | 95% HW Approx. Gamma UTL with 99% Coverage | 1.851 |
| 95% Percentile | 0.857 | | |
| 99% Percentile | 2.393 | | |
| | | | |
| Note: DL/2 is not a recommended method. | | | |
| | | | |
| | | | |

## Thallium

| General Statistics | | | |
|---|---|---|---|
| Number of Valid Data | 106 | Number of Detected Data | 0 |
| Number of Distinct Detected Data | 0 | Number of Non-Detect Data | 106 |

Warning: All observations are Non-Detects (NDs), therefore all statistics and estimates should also be NDs!

Specifically, sample mean, UCLs, UPLs, and other statistics are also NDs lying below the largest detection limit!

The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).

The data set for variable Thallium was not processed!

## Vanadium

| General Statistics | | | |
|---|---|---|---|
| Total Number of Observations | 106 | Number of Distinct Observations | 86 |
| Tolerance Factor | 2.669 | | |

| Raw Statistics | | Log-Transformed Statistics | |
|---|---|---|---|
| Minimum | 6.2 | Minimum | 1.825 |
| Maximum | 47.1 | Maximum | 3.852 |
| Second Largest | 44 | Second Largest | 3.784 |
| First Quartile | 14.03 | First Quartile | 2.641 |
| Median | 16.65 | Median | 2.812 |
| Third Quartile | 22.58 | Third Quartile | 3.117 |
| Mean | 18.99 | Mean | 2.867 |
| SD | 7.863 | SD | 0.392 |
| Coefficient of Variation | 0.414 | | |
| Skewness | 1.276 | | |

| Background Statistics | | | |
|---|---|---|---|
| Normal Distribution Test | | Lognormal Distribution Test | |
| Lilliefors Test Statistic | 0.129 | Lilliefors Test Statistic | 0.0615 |
| Lilliefors Critical Value | 0.0861 | Lilliefors Critical Value | 0.0861 |
| Data not Normal at 5% Significance Level | | Data appear Lognormal at 5% Significance Level | |
| Assuming Normal Distribution | | Assuming Lognormal Distribution | |
| 95% UTL with 99% Coverage | 39.97 | 95% UTL with 99% Coverage | 50.07 |
| 95% UPL (t) | 32.1 | 95% UPL (t) | 33.81 |
| 90% Percentile (z) | 29.07 | 90% Percentile (z) | 29.06 |
| 95% Percentile (z) | 31.92 | 95% Percentile (z) | 33.51 |
| 99% Percentile (z) | 37.28 | 99% Percentile (z) | 43.78 |
| Gamma Distribution Test | | Data Distribution Test | |
| k star | 6.467 | Data appear Gamma Distributed at 5% Significance Level | |
| Theta Star | 2.936 | | |
| MLE of Mean | 18.99 | | |
| MLE of Standard Deviation | 7.467 | | |
| nu star | 1371 | | |
| A-D Test Statistic | 0.684 | Nonparametric Statistics | |
| 5% A-D Critical Value | 0.754 | 90% Percentile | 28.95 |
| K-S Test Statistic | 0.086 | 95% Percentile | 35.55 |

| | | | |
|---|---|---|---|
| 5% K-S Critical Value | 0.088 | 99% Percentile | 43.82 |
| Data appear Gamma Distributed at 5% Significance Level | | | |
| | | | |
| **Assuming Gamma Distribution** | | 95% UTL with 99% Coverage | 47.1 |
| 90% Percentile | 28.96 | 95% Percentile Bootstrap UTL with 99% Coverage | 47.1 |
| 95% Percentile | 32.7 | 95% BCA Bootstrap UTL with 99% Coverage | 47.1 |
| 99% Percentile | 40.51 | 95% UPL | 36.88 |
| | | 95% Chebyshev UPL | 53.42 |
| 95% WH Approx. Gamma UPL | 32.76 | Upper Threshold Limit Based upon IQR | 35.4 |
| 95% HW Approx. Gamma UPL | 32.96 | | |
| 95% WH Approx. Gamma UTL with 99% Coverage | 44.61 | | |
| 95% HW Approx. Gamma UTL with 99% Coverage | 45.66 | | |

## Zinc

| | | | |
|---|---|---|---|
| **General Statistics** | | | |
| Total Number of Observations | 105 | Number of Distinct Observations | 98 |
| Tolerance Factor | 2.671 | Number of Missing Values | 1 |
| | | | |
| **Raw Statistics** | | **Log-Transformed Statistics** | |
| Minimum | 9.7 | Minimum | 2.272 |
| Maximum | 291 | Maximum | 5.673 |
| Second Largest | 172 | Second Largest | 5.147 |
| First Quartile | 17.7 | First Quartile | 2.874 |
| Median | 29.8 | Median | 3.395 |
| Third Quartile | 46.4 | Third Quartile | 3.837 |
| Mean | 42.07 | Mean | 3.455 |
| SD | 40.39 | SD | 0.704 |
| Coefficient of Variation | 0.96 | | |
| Skewness | 3.14 | | |
| | | | |
| **Background Statistics** | | | |
| **Normal Distribution Test** | | **Lognormal Distribution Test** | |
| Lilliefors Test Statistic | 0.224 | Lilliefors Test Statistic | 0.1 |
| Lilliefors Critical Value | 0.0865 | Lilliefors Critical Value | 0.0865 |
| Data not Normal at 5% Significance Level | | Data not Lognormal at 5% Significance Level | |
| | | | |
| **Assuming Normal Distribution** | | **Assuming Lognormal Distribution** | |
| 95% UTL with 99% Coverage | 149.9 | 95% UTL with 99% Coverage | 207.6 |
| 95% UPL (t) | 109.4 | 95% UPL (t) | 102.5 |
| 90% Percentile (z) | 93.83 | 90% Percentile (z) | 78.07 |
| 95% Percentile (z) | 108.5 | 95% Percentile (z) | 100.8 |
| 99% Percentile (z) | 136 | 99% Percentile (z) | 162.9 |
| | | | |
| **Gamma Distribution Test** | | **Data Distribution Test** | |
| k star | 1.862 | Data do not follow a Discernable Distribution (0.05) | |
| Theta Star | 22.6 | | |
| MLE of Mean | 42.07 | | |
| MLE of Standard Deviation | 30.83 | | |
| nu star | 390.9 | | |
| | | | |
| A-D Test Statistic | 3.522 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.766 | 90% Percentile | 92.1 |

| | | | |
|---|---|---|---|
| K-S Test Statistic | 0.124 | 95% Percentile | 112.8 |
| 5% K-S Critical Value | 0.0894 | 99% Percentile | 171.2 |
| Data not Gamma Distributed at 5% Significance Level | | | |
| | | | |
| **Assuming Gamma Distribution** | | 95% UTL with 99% Coverage | 291 |
| 90% Percentile | 83.21 | 95% Percentile Bootstrap UTL with 99% Coverage | 291 |
| 95% Percentile | 102.1 | 95% BCA Bootstrap UTL with 99% Coverage | 291 |
| 99% Percentile | 144.1 | 95% UPL | 117.5 |
| | | 95% Chebyshev UPL | 219 |
| 95% WH Approx. Gamma UPL | 100.7 | Upper Threshold Limit Based upon IQR | 89.45 |
| 95% HW Approx. Gamma UPL | 100.6 | | |
| 95% WH Approx. Gamma UTL with 99% Coverage | 165.7 | | |
| 95% HW Approx. Gamma UTL with 99% Coverage | 172.2 | | |

## BaP-TEQ

| | | | |
|---|---|---|---|
| **General Statistics** | | | |
| Number of Valid Data | 35 | Number of Detected Data | 22 |
| Number of Distinct Detected Data | 22 | Number of Non-Detect Data | 13 |
| Tolerance Factor | 2.983 | Percent Non-Detects | 37.14% |
| | | | |
| **Raw Statistics** | | **Log-transformed Statistics** | |
| Minimum Detected | 0.00106 | Minimum Detected | -6.849 |
| Maximum Detected | 0.179 | Maximum Detected | -1.718 |
| Mean of Detected | 0.0122 | Mean of Detected | -5.696 |
| SD of Detected | 0.0376 | SD of Detected | 1.226 |
| Minimum Non-Detect | 0.00106 | Minimum Non-Detect | -6.849 |
| Maximum Non-Detect | 0.00106 | Maximum Non-Detect | -6.849 |
| | | | |
| **Background Statistics** | | | |
| **Normal Distribution Test with Detected Values Only** | | **Lognormal Distribution Test with Detected Values Only** | |
| Shapiro Wilk Test Statistic | 0.303 | Shapiro Wilk Test Statistic | 0.823 |
| 5% Shapiro Wilk Critical Value | 0.911 | 5% Shapiro Wilk Critical Value | 0.911 |
| Data not Normal at 5% Significance Level | | Data not Lognormal at 5% Significance Level | |
| | | | |
| **Assuming Normal Distribution** | | **Assuming Lognormal Distribution** | |
| DL/2 Substitution Method | | DL/2 Substitution Method | |
| Mean | 0.00785 | Mean (Log Scale) | -6.382 |
| SD | 0.0301 | SD (Log Scale) | 1.322 |
| 95% UTL 99% Coverage | 0.0977 | 95% UTL 99% Coverage | 0.0874 |
| 95% UPL (t) | 0.0595 | 95% UPL (t) | 0.0163 |
| 90% Percentile (z) | 0.0464 | 90% Percentile (z) | 0.00921 |
| 95% Percentile (z) | 0.0574 | 95% Percentile (z) | 0.0149 |
| 99% Percentile (z) | 0.0779 | 99% Percentile (z) | 0.0367 |
| | | | |
| Maximum Likelihood Estimate(MLE) Method | | Log ROS Method | |
| Mean | -0.00432 | Mean in Original Scale | 0.00774 |
| SD | 0.0392 | SD in Original Scale | 0.0301 |
| 95% UTL with 99% Coverage | 0.113 | 95% UTL with 99% Coverage | 0.267 |
| | | 95% BCA UTL with 99% Coverage | 0.179 |
| | | 95% Bootstrap (%) UTL with 99% Coverage | 0.179 |

| | | | |
|---|---|---|---|
| 95% UPL (t) | 0.0629 | 95% UPL (t) | 0.0258 |
| 90% Percentile (z) | 0.0459 | 90% Percentile (z) | 0.0116 |
| 95% Percentile (z) | 0.0601 | 95% Percentile (z) | 0.0227 |
| 99% Percentile (z) | 0.0868 | 99% Percentile (z) | 0.0796 |
| | | | |
| **Gamma Distribution Test with Detected Values Only** | | **Data Distribution Test with Detected Values Only** | |
| k star (bias corrected) | 0.457 | Data do not follow a Discernable Distribution (0.05) | |
| Theta Star | 0.0266 | | |
| nu star | 20.11 | | |
| | | | |
| A-D Test Statistic | 3.184 | **Nonparametric Statistics** | |
| 5% A-D Critical Value | 0.806 | Kaplan-Meier (KM) Method | |
| K-S Test Statistic | 0.307 | Mean | 0.00805 |
| 5% K-S Critical Value | 0.196 | SD | 0.0296 |
| Data not Gamma Distributed at 5% Significance Level | | SE of Mean | 0.00513 |
| | | 95% KM UTL with 99% Coverage | 0.0965 |
| **Assuming Gamma Distribution** | | 95% KM Chebyshev UPL | 0.139 |
| Gamma ROS Statistics with Extrapolated Data | | 95% KM UPL (t) | 0.0589 |
| Mean | 0.00765 | 90% Percentile (z) | 0.046 |
| Median | 0.00127 | 95% Percentile (z) | 0.0568 |
| SD | 0.0302 | 99% Percentile (z) | 0.077 |
| k star | 0.195 | | |
| Theta star | 0.0392 | **Gamma ROS Limits with Extrapolated Data** | |
| Nu star | 13.67 | 95% Wilson Hilferty (WH) Approx. Gamma UPL | 0.0259 |
| 95% Percentile of Chisquare (2k) | 2.025 | 95% Hawkins Wixley (HW) Approx. Gamma UPL | 0.0269 |
| | | 95% WH Approx. Gamma UTL with 99% Coverage | 0.0823 |
| 90% Percentile | 0.0231 | 95% HW Approx. Gamma UTL with 99% Coverage | 0.111 |
| 95% Percentile | 0.0397 | | |
| 99% Percentile | 0.0854 | | |
| | | | |
| Note: DL/2 is not a recommended method. | | | |

# APPENDIX 6a

## Summary of ProUCL Output of One-Sample Proportion Test Results

**One Sample Proportion Test Results - Antimony (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24401 MARBELLA AVE | 33 | 21 | 0.15 | 1.14 | 0.437 | 0.36 | 0.292 | 0.0509 | 6 | 0.182 | 0.00539 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24402 NEPTUNE AVE | 48 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.12E-16 | 1.62E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 PANAMA AVE | 127 | 84 | 0.31 | 2.1 | 0.997 | 0.95 | 0.454 | 0.0403 | 84 | 0.661 | | Reject H0, Conclude Site Proportion > 0.05 | |
| 24402 RAVENNA AVE | 40 | 2 | 0.19 | 0.28 | 0.26 | 0.28 | 0.0381 | 0.00602 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 NEPTUNE AVE | 46 | 40 | 0.31 | 1.99 | 1.055 | 1.03 | 0.432 | 0.0636 | 34 | 0.739 | 1.25E-34 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24403 RAVENNA AVE | 62 | 2 | 0.31 | 0.62 | 0.315 | 0.31 | 0.0394 | 0.005 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24405 MARBELLA AVE | 25 | 10 | 0.31 | 1.1 | 0.424 | 0.31 | 0.191 | 0.0381 | 1 | 0.04 | 0.723 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 MARBELLA AVE | 40 | 4 | 0.31 | 0.8 | 0.33 | 0.31 | 0.0842 | 0.0133 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 NEPTUNE AVE | 28 | 10 | 0.15 | 1.7 | 0.47 | 0.15 | 0.51 | 0.0963 | 8 | 0.286 | 4.92E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24406 PANAMA AVE | 23 | 6 | 0.19 | 4.3 | 0.805 | 0.31 | 1.226 | 0.256 | 4 | 0.174 | 0.0258 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24406 RAVENNA AVE | 26 | 1 | 0.28 | 0.28 | 0.28 | 0.28 | 1.70E-16 | 3.33E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 NEPTUNE AVE | 24 | 10 | 0.15 | 2.07 | 0.426 | 0.23 | 0.47 | 0.0959 | 4 | 0.167 | 0.0298 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24409 RAVENNA AVE | 33 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.81E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24410 PANAMA AVE | 33 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.81E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 MARBELLA AVE | 69 | 47 | 0.31 | 3.58 | 1.335 | 1.46 | 0.884 | 0.106 | 45 | 0.652 | 1.97E-41 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24411 PANAMA AVE | 37 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 MARBELLA AVE | 31 | 2 | 0.15 | 0.31 | 0.284 | 0.31 | 0.0598 | 0.0107 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 RAVENNA AVE | 61 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.60E-17 | 7.17E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 NEPTUNE AVE | 24 | 12 | 0.31 | 0.81 | 0.391 | 0.31 | 0.134 | 0.0273 | 1 | 0.0417 | 0.708 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 RAVENNA AVE | 28 | 20 | 0.31 | 1.56 | 0.803 | 0.845 | 0.379 | 0.0716 | 15 | 0.536 | 6.13E-13 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24416 MARBELLA AVE | 50 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.68E-16 | 2.38E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 NEPTUNE AVE | 21 | 2 | 0.31 | 0.4 | 0.314 | 0.31 | 0.0196 | 0.00429 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 PANAMA AVE | 33 | 23 | 0.31 | 2.26 | 1.027 | 1.06 | 0.584 | 0.102 | 22 | 0.667 | 2.69E-21 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24416 RAVENNA AVE | 42 | 2 | 0.19 | 0.31 | 0.293 | 0.31 | 0.0425 | 0.00656 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 MARBELLA AVE | 8 | 3 | 0.31 | 2.19 | 0.759 | 0.31 | 0.832 | 0.294 | 2 | 0.25 | 0.0572 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 PANAMA AVE | 47 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.12E-16 | 1.64E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 NEPTUNE AVE | 32 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.97E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 RAVENNA AVE | 32 | 19 | 0.19 | 1.55 | 0.665 | 0.66 | 0.419 | 0.0741 | 14 | 0.438 | 1.22E-10 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24420 PANAMA AVE | 33 | 3 | 0.31 | 0.63 | 0.322 | 0.31 | 0.0564 | 0.00981 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24421 PANAMA AVE | 30 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.13E-16 | 2.06E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 MARBELLA AVE | 43 | 2 | 0.15 | 0.31 | 0.299 | 0.31 | 0.0412 | 0.00629 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 NEPTUNE AVE | 36 | 26 | 0.19 | 1.91 | 0.789 | 0.74 | 0.503 | 0.0838 | 17 | 0.472 | 2.62E-13 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24422 RAVENNA AVE | 29 | 1 | 0.28 | 0.28 | 0.28 | 0.28 | 1.13E-16 | 2.10E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 MARBELLA AVE | 13 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 NEPTUNE AVE | 37 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 RAVENNA AVE | 40 | 2 | 0.19 | 0.31 | 0.292 | 0.31 | 0.0434 | 0.00686 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 MARBELLA AVE | 24 | 2 | 0.19 | 0.31 | 0.29 | 0.31 | 0.0457 | 0.00933 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 NEPTUNE AVE | 30 | 2 | 0.19 | 0.31 | 0.286 | 0.31 | 0.0488 | 0.00891 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 PANAMA AVE | 30 | 3 | 0.31 | 1.05 | 0.356 | 0.31 | 0.176 | 0.0321 | 2 | 0.0667 | 0.446 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 RAVENNA AVE | 49 | 27 | 0.31 | 2.4 | 0.773 | 0.66 | 0.525 | 0.0751 | 22 | 0.449 | 3.16E-16 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24427 MARBELLA AVE | 25 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.70E-16 | 3.40E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 PANAMA AVE | 38 | 3 | 0.15 | 0.39 | 0.308 | 0.31 | 0.0293 | 0.00476 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 NEPTUNE AVE | 19 | 5 | 0.31 | 1.98 | 0.438 | 0.31 | 0.39 | 0.0894 | 1 | 0.0526 | 0.623 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 RAVENNA AVE | 29 | 8 | 0.22 | 0.48 | 0.31 | 0.31 | 0.0543 | 0.0101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24430 PANAMA AVE | 30 | 5 | 0.19 | 0.42 | 0.303 | 0.31 | 0.0437 | 0.00797 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24431 PANAMA AVE | 35 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24432 MARBELLA AVE | 67 | 13 | 0.15 | 0.7 | 0.331 | 0.31 | 0.0949 | 0.0116 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24433 MARBELLA AVE | 27 | 3 | 0.19 | 0.33 | 0.28 | 0.31 | 0.0542 | 0.0104 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24436 PANAMA AVE | 35 | 4 | 0.31 | 0.77 | 0.333 | 0.31 | 0.0943 | 0.0159 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 MARBELLA AVE | 51 | 2 | 0.15 | 0.31 | 0.291 | 0.31 | 0.0521 | 0.00729 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 NEPTUNE AVE | 58 | 2 | 0.19 | 0.31 | 0.298 | 0.31 | 0.0369 | 0.00484 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 PANAMA AVE | 48 | 30 | 0.15 | 3.35 | 0.853 | 0.565 | 0.696 | 0.101 | 22 | 0.458 | 1.83E-16 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24502 RAVENNA AVE | 44 | 2 | 0.31 | 1.1 | 0.328 | 0.31 | 0.119 | 0.018 | 1 | 0.0227 | 0.895 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 MARBELLA AVE | 29 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.13E-16 | 2.10E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Antimony (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24503 NEPTUNE AVE | 60 | 21 | 0.15 | 1.75 | 0.505 | 0.31 | 0.386 | 0.0498 | 13 | 0.217 | 6.85E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24503 PANAMA AVE | 28 | 5 | 0.19 | 6.45 | 0.803 | 0.31 | 1.518 | 0.287 | 3 | 0.107 | 0.163 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 RAVENNA AVE | 34 | 9 | 0.15 | 1.16 | 0.354 | 0.31 | 0.198 | 0.0339 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24506 MARBELLA AVE | 36 | 2 | 0.28 | 0.31 | 0.288 | 0.28 | 0.0132 | 0.0022 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24507 MARBELLA AVE | 36 | 6 | 0.31 | 1.44 | 0.384 | 0.31 | 0.245 | 0.0409 | 2 | 0.0556 | 0.543 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 NEPTUNE AVE | 40 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.62E-17 | 8.89E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 PANAMA AVE | 24 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.70E-16 | 3.47E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 RAVENNA AVE | 39 | 4 | 0.31 | 0.91 | 0.335 | 0.31 | 0.106 | 0.017 | 1 | 0.0256 | 0.865 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 NEPTUNE AVE | 31 | 10 | 0.28 | 0.55 | 0.329 | 0.31 | 0.0764 | 0.0137 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 PANAMA AVE | 47 | 11 | 0.31 | 0.74 | 0.36 | 0.31 | 0.115 | 0.0168 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 RAVENNA AVE | 37 | 5 | 0.31 | 0.84 | 0.338 | 0.31 | 0.1 | 0.0164 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 MARBELLA AVE | 48 | 29 | 0.28 | 0.79 | 0.54 | 0.54 | 0.119 | 0.0172 | 2 | 0.0417 | 0.699 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 NEPTUNE AVE | 36 | 1 | 0.15 | 0.15 | 0.15 | 0.15 | 5.63E-17 | 9.38E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 PANAMA AVE | 28 | 8 | 0.31 | 0.83 | 0.396 | 0.31 | 0.131 | 0.0247 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 RAVENNA AVE | 56 | 21 | 0.143 | 1.24 | 0.436 | 0.306 | 0.318 | 0.0424 | 10 | 0.179 | 4.18E-04 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24513 NEPTUNE AVE | 37 | 2 | 0.31 | 1.49 | 0.342 | 0.31 | 0.194 | 0.0319 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 PANAMA AVE | 51 | 20 | 0.31 | 1.09 | 0.418 | 0.31 | 0.173 | 0.0242 | 3 | 0.0588 | 0.473 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 RAVENNA AVE | 30 | 25 | 0.31 | 2.67 | 0.918 | 0.625 | 0.683 | 0.125 | 13 | 0.433 | 6.53E-10 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24516 MARBELLA AVE | 30 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.13E-16 | 2.06E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24517 MARBELLA AVE | 12 | 10 | 0.19 | 1.1 | 0.556 | 0.53 | 0.319 | 0.0921 | 4 | 0.333 | 0.00224 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24518 NEPTUNE AVE | 45 | 19 | 0.22 | 0.58 | 0.285 | 0.22 | 0.0965 | 0.0144 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 PANAMA AVE | 42 | 10 | 0.19 | 2.69 | 0.642 | 0.31 | 0.751 | 0.116 | 8 | 0.19 | 0.00099906 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24518 RAVENNA AVE | 30 | 18 | 0.31 | 2.08 | 0.615 | 0.375 | 0.436 | 0.0795 | 9 | 0.3 | 1.07E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24519 NEPTUNE AVE | 35 | 4 | 0.31 | 0.88 | 0.335 | 0.31 | 0.104 | 0.0175 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 PANAMA AVE | 30 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.13E-16 | 2.06E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 MARBELLA AVE | 27 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.70E-16 | 3.27E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 NEPTUNE AVE | 28 | 16 | 0.28 | 1.1 | 0.37 | 0.31 | 0.159 | 0.0301 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 PANAMA AVE | 36 | 17 | 0.31 | 1 | 0.451 | 0.325 | 0.191 | 0.0319 | 4 | 0.111 | 0.104 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 RAVENNA AVE | 35 | 5 | 0.31 | 0.71 | 0.332 | 0.31 | 0.0806 | 0.0136 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 MARBELLA AVE | 45 | 24 | 0.31 | 1.25 | 0.537 | 0.47 | 0.266 | 0.0396 | 9 | 0.2 | 0.00033498 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24523 NEPTUNE AVE | 37 | 6 | 0.31 | 1.12 | 0.359 | 0.31 | 0.158 | 0.026 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 RAVENNA AVE | 17 | 10 | 0.31 | 1.74 | 0.561 | 0.4 | 0.39 | 0.0947 | 4 | 0.235 | 0.0088 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24526 MARBELLA AVE | 36 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 NEPTUNE AVE | 31 | 4 | 0.31 | 0.5 | 0.331 | 0.31 | 0.0506 | 0.00909 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 PANAMA AVE | 39 | 1 | 0.15 | 0.15 | 0.15 | 0.15 | 8.44E-17 | 1.35E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 NEPTUNE AVE | 32 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.97E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 PANAMA AVE | 24 | 2 | 0.15 | 0.31 | 0.203 | 0.15 | 0.077 | 0.0157 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 RAVENNA AVE | 26 | 2 | 0.31 | 0.84 | 0.33 | 0.31 | 0.104 | 0.0204 | 1 | 0.0385 | 0.736 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 MARBELLA AVE | 27 | 2 | 0.19 | 0.31 | 0.274 | 0.31 | 0.0558 | 0.0107 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 NEPTUNE AVE | 21 | 4 | 0.31 | 0.51 | 0.323 | 0.31 | 0.0442 | 0.00964 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 PANAMA AVE | 23 | 1 | 0.15 | 0.15 | 0.15 | 0.15 | 5.68E-17 | 1.18E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 RAVENNA AVE | 29 | 8 | 0.31 | 2.09 | 0.531 | 0.31 | 0.495 | 0.0919 | 5 | 0.172 | 0.0136 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24533 MARBELLA AVE | 25 | 2 | 0.28 | 0.57 | 0.292 | 0.28 | 0.058 | 0.0116 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 PANAMA AVE | 29 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.13E-16 | 2.10E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 RAVENNA AVE | 52 | 4 | 0.15 | 0.86 | 0.301 | 0.31 | 0.119 | 0.0165 | 2 | 0.0385 | 0.741 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 MARBELLA AVE | 34 | 19 | 0.28 | 1.31 | 0.559 | 0.48 | 0.303 | 0.052 | 7 | 0.206 | 0.00127 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24602 NEPTUNE AVE | 33 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.81E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 PANAMA AVE | 40 | 11 | 0.31 | 1.49 | 0.472 | 0.31 | 0.302 | 0.0478 | 8 | 0.2 | 0.00071151 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24602 RAVENNA AVE | 28 | 2 | 0.28 | 0.31 | 0.289 | 0.28 | 0.0138 | 0.00261 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 MARBELLA AVE | 26 | 2 | 0.19 | 0.31 | 0.282 | 0.31 | 0.0516 | 0.0101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 NEPTUNE AVE | 49 | 16 | 0.31 | 1.08 | 0.45 | 0.31 | 0.209 | 0.0299 | 7 | 0.143 | 0.0106 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24603 PANAMA AVE | 30 | 6 | 0.31 | 0.85 | 0.368 | 0.31 | 0.14 | 0.0255 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 RAVENNA AVE | 31 | 2 | 0.19 | 0.31 | 0.287 | 0.31 | 0.0482 | 0.00866 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24606 MARBELLA AVE | 63 | 20 | 0.31 | 1.47 | 0.445 | 0.31 | 0.239 | 0.0301 | 9 | 0.143 | 0.00399 | Reject H0, Conclude Site Proportion > 0.05 | |

**One Sample Proportion Test Results - Antimony (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24607 MARBELLA AVE | 31 | 8 | 0.31 | 1.16 | 0.423 | 0.31 | 0.252 | 0.0453 | 4 | 0.129 | 0.0671 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 NEPTUNE AVE | 37 | 17 | 0.31 | 1.03 | 0.47 | 0.38 | 0.216 | 0.0355 | 6 | 0.162 | 0.00954 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24608 PANAMA AVE | 22 | 8 | 0.28 | 1.1 | 0.348 | 0.31 | 0.174 | 0.0372 | 1 | 0.0455 | 0.676 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 RAVENNA AVE | 40 | 14 | 0.15 | 1.64 | 0.444 | 0.31 | 0.296 | 0.0468 | 5 | 0.125 | 0.048 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24609 NEPTUNE AVE | 30 | 16 | 0.31 | 1.76 | 0.743 | 0.435 | 0.517 | 0.0943 | 12 | 0.4 | 9.04E-09 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24609 PANAMA AVE | 34 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 RAVENNA AVE | 45 | 20 | 0.31 | 0.94 | 0.438 | 0.32 | 0.188 | 0.028 | 6 | 0.133 | 0.0239 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24612 MARBELLA AVE | 51 | 19 | 0.22 | 2.41 | 0.409 | 0.22 | 0.35 | 0.049 | 5 | 0.098 | 0.11 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 NEPTUNE AVE | 47 | 19 | 0.15 | 1.13 | 0.378 | 0.19 | 0.309 | 0.045 | 7 | 0.149 | 0.00845 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24612 PANAMA AVE | 33 | 15 | 0.15 | 0.83 | 0.305 | 0.15 | 0.233 | 0.0406 | 3 | 0.0909 | 0.227 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 RAVENNA AVE | 46 | 10 | 0.31 | 2.21 | 0.391 | 0.31 | 0.302 | 0.0446 | 2 | 0.0435 | 0.677 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 MARBELLA AVE | 52 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.68E-16 | 2.33E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 NEPTUNE AVE | 39 | 22 | 0.22 | 1.13 | 0.416 | 0.34 | 0.247 | 0.0396 | 4 | 0.103 | 0.129 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 PANAMA AVE | 51 | 6 | 0.31 | 0.69 | 0.332 | 0.31 | 0.0719 | 0.0101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 RAVENNA AVE | 33 | 20 | 0.31 | 1.41 | 0.52 | 0.49 | 0.237 | 0.0413 | 4 | 0.121 | 0.0808 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24616 MARBELLA AVE | 46 | 13 | 0.31 | 1.73 | 0.427 | 0.31 | 0.316 | 0.0466 | 5 | 0.109 | 0.0786 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24617 MARBELLA AVE | 34 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 NEPTUNE AVE | 26 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.70E-16 | 3.33E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 PANAMA AVE | 28 | 2 | 0.15 | 0.31 | 0.287 | 0.31 | 0.057 | 0.0108 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 RAVENNA AVE | 40 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.62E-17 | 8.89E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 NEPTUNE AVE | 28 | 3 | 0.31 | 0.35 | 0.312 | 0.31 | 0.00833 | 0.00157 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 PANAMA AVE | 38 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.63E-17 | 9.13E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 RAVENNA AVE | 35 | 8 | 0.31 | 2.86 | 0.416 | 0.31 | 0.432 | 0.0731 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 MARBELLA AVE | 53 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.12E-16 | 1.54E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 NEPTUNE AVE | 34 | 14 | 0.28 | 0.56 | 0.339 | 0.31 | 0.0772 | 0.0132 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 MARBELLA AVE | 32 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.97E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 NEPTUNE AVE | 36 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24627 MARBELLA AVE | 48 | 16 | 0.31 | 3.23 | 0.708 | 0.31 | 0.789 | 0.114 | 11 | 0.229 | 1.97E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24628 MARBELLA AVE | 52 | 3 | 0.28 | 0.67 | 0.288 | 0.28 | 0.0542 | 0.00751 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 NEPTUNE AVE | 18 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.14E-16 | 2.69E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24629 NEPTUNE AVE | 39 | 16 | 0.31 | 1.95 | 0.526 | 0.31 | 0.386 | 0.0618 | 8 | 0.205 | 0.00059512 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24632 NEPTUNE AVE | 20 | 16 | 0.19 | 1.97 | 0.733 | 0.575 | 0.51 | 0.114 | 8 | 0.4 | 2.86E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24633 MARBELLA AVE | 40 | 1 | 0.15 | 0.15 | 0.15 | 0.15 | 8.43E-17 | 1.33E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 MARBELLA AVE | 46 | 13 | 0.31 | 1.52 | 0.457 | 0.31 | 0.306 | 0.0451 | 4 | 0.087 | 0.197 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 RAVENNA AVE | 56 | 9 | 0.31 | 1.28 | 0.347 | 0.31 | 0.142 | 0.019 | 1 | 0.0179 | 0.943 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 NEPTUNE AVE | 46 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.12E-16 | 1.66E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 PANAMA AVE | 30 | 4 | 0.31 | 0.56 | 0.325 | 0.31 | 0.0514 | 0.00938 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 MARBELLA AVE | 36 | 10 | 0.22 | 0.57 | 0.277 | 0.235 | 0.0809 | 0.0135 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 NEPTUNE AVE | 39 | 6 | 0.19 | 0.63 | 0.311 | 0.31 | 0.0839 | 0.0134 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 PANAMA AVE | 62 | 16 | 0.142 | 0.157 | 0.148 | 0.147 | 3.99E-03 | 5.06E-04 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 RAVENNA AVE | 53 | 5 | 0.31 | 0.87 | 0.337 | 0.31 | 0.108 | 0.0149 | 2 | 0.0377 | 0.75 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 MARBELLA AVE | 43 | 17 | 0.31 | 1.13 | 0.453 | 0.31 | 0.243 | 0.0371 | 7 | 0.163 | 0.00515 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24706 RAVENNA AVE | 33 | 3 | 0.31 | 0.73 | 0.328 | 0.31 | 0.0793 | 0.0138 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24707 MARBELLA AVE | 37 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24708 PANAMA AVE | 37 | 4 | 0.31 | 2.27 | 0.387 | 0.31 | 0.334 | 0.0549 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 NEPTUNE AVE | 37 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 PANAMA AVE | 43 | 4 | 0.19 | 0.35 | 0.287 | 0.31 | 0.0508 | 0.00775 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 RAVENNA AVE | 52 | 2 | 0.31 | 0.7 | 0.318 | 0.31 | 0.0541 | 0.0075 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24710 MARBELLA AVE | 43 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.12E-16 | 1.71E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 NEPTUNE AVE | 32 | 4 | 0.31 | 1.3 | 0.364 | 0.31 | 0.194 | 0.0342 | 1 | 0.0313 | 0.806 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 PANAMA AVE | 27 | 2 | 0.31 | 0.61 | 0.321 | 0.31 | 0.0577 | 0.0111 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 RAVENNA AVE | 45 | 14 | 0.31 | 1.02 | 0.399 | 0.31 | 0.161 | 0.024 | 3 | 0.0667 | 0.392 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 MARBELLA AVE | 37 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 PANAMA AVE | 34 | 4 | 0.28 | 0.75 | 0.306 | 0.28 | 0.1 | 0.0171 | 1 | 0.0294 | 0.825 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Antimony (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24713 RAVENNA AVE | 35 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24715 NEPTUNE AVE | 37 | 12 | 0.15 | 1.4 | 0.448 | 0.31 | 0.342 | 0.0562 | 5 | 0.135 | 0.0359 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24716 MARBELLA AVE | 30 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.13E-16 | 2.06E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 RAVENNA AVE | 15 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.75E-17 | 1.48E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24717 MARBELLA AVE | 38 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.63E-17 | 9.13E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 NEPTUNE AVE | 65 | 34 | 0.31 | 2.55 | 0.528 | 0.39 | 0.372 | 0.0462 | 9 | 0.138 | 0.00493 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24718 PANAMA AVE | 33 | 2 | 0.31 | 0.47 | 0.315 | 0.31 | 0.0279 | 0.00485 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 NEPTUNE AVE | 33 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.81E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 PANAMA AVE | 28 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.13E-16 | 2.14E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 RAVENNA AVE | 45 | 13 | 0.31 | 1.65 | 0.422 | 0.31 | 0.268 | 0.0399 | 5 | 0.111 | 0.0729 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 MARBELLA AVE | 34 | 1 | 0.28 | 0.28 | 0.28 | 0.28 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 NEPTUNE AVE | 40 | 9 | 0.22 | 0.39 | 0.243 | 0.22 | 0.0458 | 0.00725 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 PANAMA AVE | 18 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.14E-16 | 2.69E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 RAVENNA AVE | 41 | 1 | 0.28 | 0.28 | 0.28 | 0.28 | 1.12E-16 | 1.76E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 MARBELLA AVE | 22 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.71E-16 | 3.63E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 RAVENNA AVE | 37 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24725 NEPTUNE AVE | 35 | 2 | 0.19 | 0.31 | 0.289 | 0.31 | 0.0459 | 0.00776 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 MARBELLA AVE | 49 | 30 | 0.31 | 2.66 | 0.713 | 0.44 | 0.599 | 0.0856 | 17 | 0.347 | 1.06E-10 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24726 RAVENNA AVE | 37 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24727 MARBELLA AVE | 40 | 15 | 0.28 | 0.96 | 0.356 | 0.28 | 0.138 | 0.0218 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 NEPTUNE AVE | 33 | 2 | 0.31 | 0.5 | 0.316 | 0.31 | 0.0331 | 0.00576 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 PANAMA AVE | 31 | 9 | 0.31 | 0.96 | 0.395 | 0.31 | 0.187 | 0.0337 | 3 | 0.0968 | 0.201 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 NEPTUNE AVE | 35 | 4 | 0.19 | 0.34 | 0.291 | 0.31 | 0.0467 | 0.0079 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 PANAMA AVE | 34 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 RAVENNA AVE | 16 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.73E-17 | 1.43E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 MARBELLA AVE | 37 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 NEPTUNE AVE | 35 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 PANAMA AVE | 33 | 6 | 0.22 | 0.66 | 0.265 | 0.22 | 0.0859 | 0.015 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 RAVENNA AVE | 42 | 3 | 0.31 | 1.32 | 0.343 | 0.31 | 0.166 | 0.0256 | 1 | 0.0238 | 0.884 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 MARBELLA AVE | 32 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.97E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 PANAMA AVE | 38 | 2 | 0.31 | 0.42 | 0.313 | 0.31 | 0.0178 | 0.00289 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 RAVENNA AVE | 40 | 3 | 0.28 | 0.41 | 0.289 | 0.28 | 0.023 | 0.00364 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24735 NEPTUNE AVE | 36 | 11 | 0.31 | 1.66 | 0.513 | 0.31 | 0.37 | 0.0617 | 7 | 0.194 | 0.00181 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24736 MARBELLA AVE | 52 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.68E-16 | 2.33E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 RAVENNA AVE | 43 | 9 | 0.15 | 1 | 0.378 | 0.31 | 0.223 | 0.0341 | 5 | 0.116 | 0.0623 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24737 MARBELLA AVE | 28 | 2 | 0.31 | 0.32 | 0.31 | 0.31 | 0.00189 | 0.00035714 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 NEPTUNE AVE | 51 | 2 | 0.19 | 0.31 | 0.296 | 0.31 | 0.039 | 0.00547 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 PANAMA AVE | 32 | 19 | 0.22 | 0.92 | 0.374 | 0.34 | 0.168 | 0.0296 | 1 | 0.0313 | 0.806 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 NEPTUNE AVE | 41 | 5 | 0.31 | 0.61 | 0.331 | 0.31 | 0.0669 | 0.0105 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 PANAMA AVE | 43 | 13 | 0.28 | 0.98 | 0.382 | 0.28 | 0.195 | 0.0297 | 4 | 0.093 | 0.167 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 RAVENNA AVE | 42 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.62E-17 | 8.67E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24740 MARBELLA AVE | 64 | 11 | 0.31 | 0.5 | 0.334 | 0.31 | 0.0497 | 0.00621 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24741 MARBELLA AVE | 12 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24743 RAVENNA AVE | 42 | 1 | 0.28 | 0.28 | 0.28 | 0.28 | 1.12E-16 | 1.73E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24744 MARBELLA AVE | 25 | 11 | 0.31 | 1.74 | 0.445 | 0.31 | 0.303 | 0.0606 | 2 | 0.08 | 0.358 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24748 RAVENNA AVE | 24 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.70E-16 | 3.47E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24749 RAVENNA AVE | 43 | 27 | 0.31 | 1.63 | 0.745 | 0.7 | 0.372 | 0.0567 | 20 | 0.465 | 2.99E-15 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24752 RAVENNA AVE | 45 | 2 | 0.31 | 0.85 | 0.322 | 0.31 | 0.0805 | 0.012 | 1 | 0.0222 | 0.901 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24802 PANAMA AVE | 52 | 14 | 0.142 | 0.852 | 0.352 | 0.306 | 0.165 | 0.0228 | 3 | 0.0577 | 0.485 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 NEPTUNE AVE | 32 | 3 | 0.31 | 0.7 | 0.326 | 0.31 | 0.071 | 0.0126 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 PANAMA AVE | 18 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.14E-16 | 2.69E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24808 PANAMA AVE | 20 | 10 | 0.144 | 0.156 | 0.151 | 0.151 | 0.00361 | 0.00080753 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 NEPTUNE AVE | 27 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.70E-16 | 3.27E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 PANAMA AVE | 36 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Antimony (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24812 PANAMA AVE | 29 | 20 | 0.22 | 1.21 | 0.516 | 0.45 | 0.273 | 0.0508 | 5 | 0.172 | 0.0136 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24813 PANAMA AVE | 15 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.75E-17 | 1.48E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24815 NEPTUNE AVE | 30 | 20 | 0.19 | 2.49 | 0.913 | 0.71 | 0.673 | 0.123 | 14 | 0.467 | 4.14E-11 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24818 PANAMA AVE | 34 | 8 | 0.31 | 0.93 | 0.373 | 0.31 | 0.155 | 0.0266 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24819 PANAMA AVE | 34 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24822 PANAMA AVE | 43 | 2 | 0.31 | 0.34 | 0.311 | 0.31 | 0.00457 | 0.00069767 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24823 PANAMA AVE | 39 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.62E-17 | 9.01E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24825 NEPTUNE AVE | 98 | 2 | 0.19 | 0.31 | 0.303 | 0.31 | 0.0289 | 0.00292 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24828 PANAMA AVE | 36 | 2 | 0.15 | 0.31 | 0.306 | 0.31 | 0.0267 | 0.00444 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24829 PANAMA AVE | 48 | 8 | 0.31 | 0.68 | 0.345 | 0.31 | 0.0949 | 0.0137 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24832 PANAMA AVE | 38 | 10 | 0.31 | 0.85 | 0.363 | 0.31 | 0.122 | 0.0197 | 1 | 0.0263 | 0.858 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24833 PANAMA AVE | 43 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.12E-16 | 1.71E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24838 PANAMA AVE | 28 | 8 | 0.19 | 0.6 | 0.319 | 0.31 | 0.095 | 0.018 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24904 NEPTUNE AVE | 74 | 18 | 0.31 | 1.19 | 0.392 | 0.31 | 0.188 | 0.0219 | 7 | 0.0946 | 0.0766 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24912 NEPTUNE AVE | 36 | 5 | 0.19 | 0.45 | 0.298 | 0.31 | 0.0581 | 0.00968 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 301 244TH ST | 29 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.13E-16 | 2.10E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 305 244TH ST | 54 | 2 | 0.15 | 0.31 | 0.28 | 0.31 | 0.0627 | 0.00854 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 311 244TH ST | 71 | 22 | 0.15 | 1.09 | 0.37 | 0.31 | 0.227 | 0.027 | 6 | 0.0845 | 0.144 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 317 244TH ST | 58 | 2 | 0.15 | 0.31 | 0.288 | 0.31 | 0.0557 | 0.00731 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 321 244TH ST | 40 | 11 | 0.31 | 1.78 | 0.456 | 0.31 | 0.315 | 0.0498 | 6 | 0.15 | 0.0139 | Reject H0, Conclude Site Proportion > 0.05 | |
| 327 244TH ST | 12 | 4 | 0.31 | 0.91 | 0.375 | 0.31 | 0.175 | 0.0506 | 1 | 0.0833 | 0.46 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 331 244TH ST | 28 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.13E-16 | 2.14E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 337 244TH ST | 34 | 22 | 0.22 | 1.28 | 0.456 | 0.395 | 0.267 | 0.0458 | 3 | 0.0882 | 0.241 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 341 244TH ST | 48 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.12E-16 | 1.62E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 344 249TH ST | 35 | 24 | 0.15 | 1.05 | 0.552 | 0.56 | 0.239 | 0.0403 | 10 | 0.286 | 5.64E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 345 249TH ST | 93 | 9 | 0.19 | 0.66 | 0.32 | 0.31 | 0.0756 | 0.00784 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 347 244TH ST | 32 | 9 | 0.31 | 0.84 | 0.398 | 0.31 | 0.167 | 0.0294 | 2 | 0.0625 | 0.48 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 248TH ST | 49 | 10 | 0.31 | 0.75 | 0.343 | 0.31 | 0.0884 | 0.0126 | 1 | 0.0204 | 0.919 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 249TH ST | 51 | 4 | 0.31 | 0.86 | 0.331 | 0.31 | 0.0927 | 0.013 | 1 | 0.0196 | 0.927 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 351 244TH ST | 32 | 2 | 0.19 | 0.31 | 0.288 | 0.31 | 0.0476 | 0.00841 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 352 249TH ST | 32 | 10 | 0.19 | 1.08 | 0.348 | 0.31 | 0.169 | 0.0299 | 1 | 0.0313 | 0.806 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 353 249TH ST | 32 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.97E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 354 248TH ST | 39 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.62E-17 | 9.01E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 244TH ST | 40 | 14 | 0.31 | 1.24 | 0.423 | 0.31 | 0.23 | 0.0363 | 5 | 0.125 | 0.048 | Reject H0, Conclude Site Proportion > 0.05 | |
| 357 249TH ST | 24 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.70E-16 | 3.47E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 358 249TH ST | 43 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.12E-16 | 1.71E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 360 248TH ST | 48 | 2 | 0.31 | 0.71 | 0.327 | 0.31 | 0.0808 | 0.0117 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 361 244TH ST | 23 | 2 | 0.19 | 0.31 | 0.279 | 0.31 | 0.0539 | 0.0112 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 362 249TH ST | 25 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.70E-16 | 3.40E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 363 249TH ST | 27 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.70E-16 | 3.27E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 364 248TH ST | 48 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.12E-16 | 1.62E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 244TH ST | 13 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 249TH ST | 46 | 9 | 0.28 | 1.11 | 0.327 | 0.31 | 0.12 | 0.0177 | 1 | 0.0217 | 0.906 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 368 249TH ST | 55 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.60E-17 | 7.55E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 373 249TH ST | 42 | 2 | 0.15 | 0.31 | 0.283 | 0.31 | 0.0604 | 0.00931 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 248TH ST | 120 | 33 | 0.31 | 1.21 | 0.409 | 0.31 | 0.193 | 0.0176 | 8 | 0.0667 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 249TH ST | 27 | 8 | 0.31 | 1.05 | 0.394 | 0.31 | 0.19 | 0.0366 | 2 | 0.0741 | 0.394 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 244TH ST | 32 | 6 | 0.31 | 0.64 | 0.337 | 0.31 | 0.0763 | 0.0135 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 249TH ST | 33 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.81E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 378 249TH ST | 41 | 17 | 0.31 | 0.82 | 0.458 | 0.32 | 0.186 | 0.0291 | 8 | 0.195 | 0.00084553 | Reject H0, Conclude Site Proportion > 0.05 | |
| 383 249TH ST | 32 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.97E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 402 249TH ST | 32 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 5.64E-17 | 9.97E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 408 249TH ST | 24 | 1 | 0.31 | 0.31 | 0.31 | 0.31 | 1.70E-16 | 3.47E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 412 249TH ST | 77 | 2 | 0.19 | 0.31 | 0.298 | 0.31 | 3.69E-02 | 4.20E-03 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Arsenic (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24401 MARBELLA AVE | 33 | 32 | 1.48 | 29.2 | 5.81 | 4.3 | 5.019 | 0.874 | 2 | 0.0606 | 0.496 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 NEPTUNE AVE | 48 | 47 | 4.13 | 15.6 | 6.853 | 6.445 | 2.055 | 0.297 | 1 | 0.0208 | 0.915 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 PANAMA AVE | 127 | 114 | 0.83 | 27.9 | 5.776 | 4.61 | 3.722 | 0.33 | 8 | 0.063 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 RAVENNA AVE | 40 | 34 | 3.39 | 25 | 7.062 | 5.87 | 4.168 | 0.659 | 3 | 0.075 | 0.323 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 NEPTUNE AVE | 46 | 46 | 4.03 | 18.7 | 8.855 | 7.83 | 3.775 | 0.557 | 8 | 0.174 | 0.00185 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24403 RAVENNA AVE | 62 | 59 | 2.93 | 13.9 | 6.752 | 6.79 | 2.135 | 0.271 | 1 | 0.0161 | 0.958 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24405 MARBELLA AVE | 25 | 25 | 2.24 | 26.9 | 6.44 | 4.76 | 5.274 | 1.055 | 2 | 0.08 | 0.358 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 MARBELLA AVE | 40 | 39 | 2.91 | 12.7 | 6.279 | 5.825 | 2.28 | 0.36 | 2 | 0.05 | 0.601 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 NEPTUNE AVE | 28 | 25 | 2 | 10.4 | 5.909 | 5.445 | 2.167 | 0.409 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 PANAMA AVE | 23 | 23 | 0.77 | 5.78 | 3.9 | 3.67 | 1.228 | 0.256 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 RAVENNA AVE | 26 | 23 | 3.2 | 10 | 5.376 | 5.055 | 1.471 | 0.288 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 NEPTUNE AVE | 24 | 24 | 2.96 | 13.8 | 5.923 | 5.415 | 2.386 | 0.487 | 1 | 0.0417 | 0.708 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 RAVENNA AVE | 33 | 31 | 4.64 | 16.3 | 6.988 | 6.3 | 2.347 | 0.409 | 2 | 0.0606 | 0.496 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24410 PANAMA AVE | 33 | 33 | 1.02 | 5.69 | 3.109 | 3.12 | 1.207 | 0.21 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 MARBELLA AVE | 69 | 66 | 0.4 | 18 | 4.882 | 4.47 | 2.718 | 0.327 | 1 | 0.0145 | 0.971 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 PANAMA AVE | 37 | 36 | 3.38 | 43.6 | 8.601 | 6.64 | 6.763 | 1.112 | 5 | 0.135 | 0.0359 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24412 MARBELLA AVE | 31 | 31 | 0.63 | 14.9 | 4.62 | 3.97 | 2.756 | 0.495 | 1 | 0.0323 | 0.796 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 RAVENNA AVE | 61 | 58 | 3.48 | 21.1 | 7.17 | 6.92 | 2.538 | 0.325 | 1 | 0.0164 | 0.956 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 NEPTUNE AVE | 24 | 22 | 1.14 | 14.8 | 3.789 | 3.055 | 2.895 | 0.591 | 1 | 0.0417 | 0.708 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 RAVENNA AVE | 28 | 28 | 2.84 | 11.9 | 6.358 | 6.3 | 2.095 | 0.396 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 MARBELLA AVE | 50 | 49 | 2.33 | 21.2 | 6.198 | 5.37 | 3.497 | 0.495 | 3 | 0.06 | 0.459 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 NEPTUNE AVE | 21 | 20 | 2.82 | 8.76 | 5.464 | 5.76 | 1.575 | 0.344 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 PANAMA AVE | 33 | 33 | 1.28 | 6.16 | 2.873 | 2.52 | 1.14 | 0.198 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 RAVENNA AVE | 42 | 41 | 1.31 | 7.74 | 4.447 | 4.215 | 1.552 | 0.239 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 MARBELLA AVE | 8 | 8 | 6.44 | 24.6 | 13.3 | 11.13 | 6.595 | 2.332 | 4 | 0.5 | 0.00037175 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24417 PANAMA AVE | 47 | 44 | 0.59 | 11.1 | 2.88 | 2.45 | 1.803 | 0.263 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 NEPTUNE AVE | 32 | 30 | 3.6 | 19.9 | 6.686 | 6.105 | 3.037 | 0.537 | 2 | 0.0625 | 0.48 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 RAVENNA AVE | 32 | 32 | 1.45 | 8.57 | 5.529 | 5.98 | 1.727 | 0.305 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24420 PANAMA AVE | 33 | 33 | 1.43 | 9.05 | 4.037 | 3.86 | 1.61 | 0.28 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24421 PANAMA AVE | 30 | 29 | 0.4 | 12.2 | 3.251 | 2.685 | 2.314 | 0.422 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 MARBELLA AVE | 43 | 40 | 1.51 | 9.62 | 5.006 | 4.83 | 1.994 | 0.304 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 NEPTUNE AVE | 36 | 35 | 3.34 | 10.9 | 5.926 | 6.15 | 1.534 | 0.256 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 RAVENNA AVE | 29 | 28 | 4.04 | 7.43 | 5.549 | 5.49 | 1.027 | 0.191 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 MARBELLA AVE | 13 | 13 | 4.77 | 28.3 | 10.36 | 8.41 | 6.172 | 1.712 | 2 | 0.154 | 0.135 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 NEPTUNE AVE | 37 | 34 | 2.3 | 10.3 | 4.989 | 4.58 | 1.682 | 0.277 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 RAVENNA AVE | 40 | 35 | 1.77 | 8.01 | 4.065 | 3.76 | 1.468 | 0.232 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 MARBELLA AVE | 24 | 24 | 2.29 | 9.78 | 5.81 | 5.89 | 1.965 | 0.401 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 NEPTUNE AVE | 30 | 30 | 3.18 | 8.98 | 5.425 | 5.14 | 1.54 | 0.281 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 PANAMA AVE | 30 | 30 | 1.5 | 6.27 | 3.472 | 2.905 | 1.524 | 0.278 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 RAVENNA AVE | 49 | 48 | 2.9 | 13.8 | 6.437 | 6.43 | 1.791 | 0.256 | 1 | 0.0204 | 0.919 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 MARBELLA AVE | 25 | 25 | 2.78 | 13.6 | 6.867 | 6.78 | 2.4 | 0.48 | 1 | 0.04 | 0.723 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 PANAMA AVE | 38 | 37 | 4.26 | 11 | 6.771 | 6.75 | 1.455 | 0.236 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 NEPTUNE AVE | 19 | 19 | 2.06 | 10.7 | 4.909 | 4.64 | 2.308 | 0.529 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 RAVENNA AVE | 29 | 29 | 2.87 | 7.39 | 4.284 | 3.98 | 1.12 | 0.208 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24430 PANAMA AVE | 30 | 29 | 2.49 | 9.26 | 5.081 | 4.625 | 1.669 | 0.305 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24431 PANAMA AVE | 35 | 35 | 3.21 | 21.8 | 6.009 | 5.22 | 3.062 | 0.518 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24432 MARBELLA AVE | 67 | 64 | 0.92 | 16.4 | 4.621 | 3.92 | 2.896 | 0.354 | 2 | 0.0299 | 0.854 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24433 MARBELLA AVE | 27 | 26 | 2.34 | 10.1 | 5.88 | 5.62 | 1.963 | 0.378 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24436 PANAMA AVE | 35 | 31 | 2.52 | 6.59 | 4.398 | 4.48 | 1.222 | 0.207 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 MARBELLA AVE | 51 | 50 | 2.22 | 16.9 | 5.62 | 5.11 | 2.678 | 0.375 | 1 | 0.0196 | 0.927 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 NEPTUNE AVE | 58 | 55 | 2.44 | 7.68 | 4.322 | 4.28 | 0.934 | 0.123 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 PANAMA AVE | 48 | 47 | 0.26 | 6.85 | 3.353 | 3.435 | 1.654 | 0.239 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 RAVENNA AVE | 44 | 42 | 1.73 | 8.79 | 3.412 | 2.935 | 1.481 | 0.223 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 MARBELLA AVE | 29 | 29 | 3.34 | 9.4 | 6.445 | 6.63 | 1.502 | 0.279 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Arsenic (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24503 NEPTUNE AVE | 60 | 59 | 2.15 | 35.5 | 6.861 | 5.76 | 4.474 | 0.578 | 4 | 0.0667 | 0.353 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 PANAMA AVE | 28 | 28 | 2.93 | 10.1 | 5.854 | 5.38 | 1.761 | 0.333 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 RAVENNA AVE | 34 | 34 | 2.13 | 11.3 | 4.389 | 4.155 | 1.71 | 0.293 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24506 MARBELLA AVE | 36 | 36 | 3.19 | 28.8 | 8.536 | 7.155 | 4.692 | 0.782 | 6 | 0.167 | 0.00834 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24507 MARBELLA AVE | 36 | 36 | 5.39 | 12.4 | 7.991 | 7.56 | 1.73 | 0.288 | 1 | 0.0278 | 0.842 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 NEPTUNE AVE | 40 | 39 | 3.45 | 14.8 | 7.1 | 6.35 | 2.638 | 0.417 | 2 | 0.05 | 0.601 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 PANAMA AVE | 24 | 24 | 1.15 | 6.58 | 4.364 | 4.685 | 1.516 | 0.309 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 RAVENNA AVE | 39 | 39 | 2.31 | 9.6 | 5.451 | 4.87 | 2.112 | 0.338 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 NEPTUNE AVE | 31 | 30 | 1.46 | 15.2 | 6.012 | 5.58 | 3.012 | 0.541 | 2 | 0.0645 | 0.463 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 PANAMA AVE | 47 | 43 | 0.58 | 12.1 | 3.083 | 2.4 | 2.236 | 0.326 | 1 | 0.0213 | 0.91 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 RAVENNA AVE | 37 | 37 | 3.67 | 14 | 7.355 | 7.01 | 2.587 | 0.425 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 MARBELLA AVE | 48 | 47 | 1.73 | 18.7 | 7.489 | 7.415 | 3.464 | 0.5 | 5 | 0.104 | 0.0907 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 NEPTUNE AVE | 36 | 35 | 2.43 | 14.8 | 6.512 | 5.165 | 3.288 | 0.548 | 2 | 0.0556 | 0.543 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 PANAMA AVE | 28 | 28 | 0.89 | 6.15 | 3.216 | 3.495 | 1.446 | 0.273 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 RAVENNA AVE | 46 | 44 | 2.42 | 20 | 6.507 | 5.565 | 3.292 | 0.485 | 2 | 0.0435 | 0.677 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 NEPTUNE AVE | 37 | 36 | 2.25 | 14.4 | 6.352 | 5.89 | 2.755 | 0.453 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 PANAMA AVE | 51 | 50 | 1.75 | 37.9 | 6.332 | 5.35 | 5.189 | 0.727 | 2 | 0.0392 | 0.731 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 RAVENNA AVE | 30 | 29 | 2.18 | 12.8 | 6.624 | 5.99 | 2.904 | 0.53 | 2 | 0.0667 | 0.446 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24516 MARBELLA AVE | 30 | 29 | 2.75 | 17.8 | 8.083 | 7.83 | 3.55 | 0.648 | 4 | 0.133 | 0.0608 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24517 MARBELLA AVE | 12 | 12 | 3.22 | 7.9 | 5.684 | 5.38 | 1.327 | 0.383 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 NEPTUNE AVE | 45 | 40 | 1.68 | 17.3 | 5.724 | 4.86 | 3.56 | 0.531 | 2 | 0.0444 | 0.665 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 PANAMA AVE | 42 | 41 | 1.58 | 6.81 | 4.039 | 3.985 | 1.307 | 0.202 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 RAVENNA AVE | 30 | 30 | 2.33 | 26.8 | 8.007 | 6.375 | 5.358 | 0.978 | 4 | 0.133 | 0.0608 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 NEPTUNE AVE | 35 | 33 | 2.28 | 11.3 | 6.415 | 6.08 | 2.676 | 0.452 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 PANAMA AVE | 30 | 28 | 1.56 | 9.25 | 3.618 | 2.76 | 2.024 | 0.37 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 MARBELLA AVE | 27 | 27 | 1.3 | 19 | 8.431 | 7.49 | 4.88 | 0.939 | 8 | 0.296 | 3.67E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24522 NEPTUNE AVE | 28 | 27 | 2.14 | 19.8 | 7.041 | 5.58 | 4.163 | 0.787 | 2 | 0.0714 | 0.412 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 PANAMA AVE | 36 | 35 | 1.53 | 8.92 | 3.965 | 3.48 | 1.571 | 0.262 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 RAVENNA AVE | 35 | 34 | 0.87 | 13.7 | 3.357 | 2.61 | 2.492 | 0.421 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 MARBELLA AVE | 45 | 42 | 1.55 | 12 | 5.737 | 5.54 | 1.852 | 0.276 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 NEPTUNE AVE | 37 | 35 | 2.25 | 21.9 | 7.933 | 6.75 | 4.395 | 0.723 | 4 | 0.108 | 0.112 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 RAVENNA AVE | 17 | 17 | 3.05 | 9.48 | 5.483 | 4.8 | 1.969 | 0.477 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24526 MARBELLA AVE | 36 | 36 | 2.1 | 26.2 | 6.266 | 5.505 | 4.272 | 0.712 | 2 | 0.0556 | 0.543 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 NEPTUNE AVE | 31 | 26 | 0.41 | 15.8 | 2.763 | 1.94 | 3.274 | 0.588 | 2 | 0.0645 | 0.463 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 PANAMA AVE | 39 | 37 | 0.48 | 5.8 | 2.23 | 1.85 | 1.096 | 0.176 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 NEPTUNE AVE | 32 | 31 | 2.4 | 11.3 | 5.307 | 4.62 | 2.205 | 0.39 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 PANAMA AVE | 24 | 23 | 2.45 | 6.01 | 4.152 | 3.93 | 1.029 | 0.21 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 RAVENNA AVE | 26 | 25 | 2.83 | 9.29 | 5.206 | 4.715 | 1.998 | 0.392 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 MARBELLA AVE | 27 | 27 | 2.19 | 16.1 | 5.303 | 4.64 | 2.898 | 0.558 | 2 | 0.0741 | 0.394 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 NEPTUNE AVE | 21 | 21 | 1.15 | 7.66 | 3.564 | 3.01 | 1.706 | 0.372 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 PANAMA AVE | 23 | 23 | 2.36 | 11.2 | 5.058 | 4.19 | 2.432 | 0.507 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 RAVENNA AVE | 29 | 28 | 1.75 | 6.51 | 3.859 | 3.5 | 1.256 | 0.233 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 MARBELLA AVE | 25 | 25 | 4.15 | 11 | 7.285 | 7.11 | 1.649 | 0.33 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 PANAMA AVE | 29 | 29 | 3.15 | 8.4 | 5.364 | 5.17 | 1.414 | 0.263 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 RAVENNA AVE | 52 | 47 | 0.53 | 4.57 | 2.81 | 2.915 | 0.895 | 0.124 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 MARBELLA AVE | 34 | 33 | 0.46 | 16 | 4.176 | 3.245 | 3.493 | 0.599 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 NEPTUNE AVE | 33 | 31 | 0.92 | 3.86 | 2.119 | 1.91 | 0.93 | 0.162 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 PANAMA AVE | 40 | 39 | 1.24 | 15 | 4.093 | 2.98 | 3.277 | 0.518 | 2 | 0.05 | 0.601 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 RAVENNA AVE | 28 | 28 | 3.2 | 9.3 | 5.453 | 5.16 | 1.714 | 0.324 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 MARBELLA AVE | 26 | 24 | 2.87 | 12.3 | 6.214 | 5.59 | 2.396 | 0.47 | 1 | 0.0385 | 0.736 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 NEPTUNE AVE | 49 | 48 | 0.53 | 8.62 | 3.412 | 2.93 | 2.397 | 0.342 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 PANAMA AVE | 30 | 29 | 2.36 | 8.04 | 4.837 | 4.795 | 1.297 | 0.237 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 RAVENNA AVE | 31 | 31 | 2.17 | 6.02 | 3.779 | 3.68 | 0.961 | 0.173 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24606 MARBELLA AVE | 63 | 61 | 1.92 | 11 | 5.461 | 5.36 | 2.071 | 0.261 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Arsenic (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24607 MARBELLA AVE | 31 | 30 | 0.58 | 21.1 | 5.345 | 4.75 | 3.418 | 0.614 | 1 | 0.0323 | 0.796 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 NEPTUNE AVE | 37 | 36 | 1.94 | 6.98 | 4.384 | 4.53 | 1.282 | 0.211 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 PANAMA AVE | 22 | 22 | 2.11 | 11.2 | 4.583 | 4.625 | 1.888 | 0.403 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 RAVENNA AVE | 40 | 40 | 1.58 | 14.7 | 4.017 | 3.605 | 2.122 | 0.336 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 NEPTUNE AVE | 30 | 30 | 1.81 | 15.5 | 6.724 | 6.255 | 3.61 | 0.659 | 4 | 0.133 | 0.0608 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 PANAMA AVE | 34 | 34 | 0.4 | 14.3 | 4.95 | 4.215 | 2.871 | 0.492 | 1 | 0.0294 | 0.825 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 RAVENNA AVE | 45 | 42 | 1.42 | 5.51 | 2.86 | 2.55 | 1.053 | 0.157 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 MARBELLA AVE | 51 | 50 | 2.1 | 14.8 | 5.258 | 4.71 | 2.51 | 0.351 | 2 | 0.0392 | 0.731 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 NEPTUNE AVE | 47 | 44 | 2.04 | 9.42 | 4.786 | 4.5 | 1.522 | 0.222 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 PANAMA AVE | 33 | 32 | 1.78 | 10.2 | 4.025 | 3.09 | 2.359 | 0.411 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 RAVENNA AVE | 46 | 45 | 2.24 | 15.6 | 6.023 | 4.73 | 3.096 | 0.457 | 3 | 0.0652 | 0.406 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 MARBELLA AVE | 52 | 51 | 3.22 | 35.4 | 9.803 | 7.77 | 6.246 | 0.866 | 11 | 0.212 | 4.37E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24613 NEPTUNE AVE | 39 | 39 | 2.41 | 15.2 | 6.901 | 5.89 | 3.532 | 0.566 | 5 | 0.128 | 0.0438 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24613 PANAMA AVE | 51 | 47 | 1.56 | 14.8 | 5.509 | 4.64 | 2.607 | 0.365 | 1 | 0.0196 | 0.927 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 RAVENNA AVE | 33 | 33 | 1.32 | 8.26 | 3.705 | 3.57 | 1.639 | 0.285 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24616 MARBELLA AVE | 46 | 44 | 2.24 | 32.2 | 6.947 | 5.035 | 6.089 | 0.898 | 5 | 0.109 | 0.0786 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24617 MARBELLA AVE | 34 | 34 | 2.69 | 17.2 | 8.529 | 7.72 | 3.333 | 0.572 | 6 | 0.176 | 0.00627 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24618 NEPTUNE AVE | 26 | 24 | 2.69 | 8.68 | 4.911 | 4.61 | 1.603 | 0.314 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 PANAMA AVE | 28 | 28 | 1.58 | 18.2 | 4.026 | 3.115 | 3.248 | 0.614 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 RAVENNA AVE | 40 | 39 | 1.81 | 15.1 | 4.787 | 4.22 | 2.632 | 0.416 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 NEPTUNE AVE | 28 | 27 | 3.58 | 14.2 | 7.708 | 7.19 | 3.327 | 0.629 | 3 | 0.107 | 0.163 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 PANAMA AVE | 38 | 38 | 1.19 | 15 | 3.919 | 3.375 | 2.547 | 0.413 | 1 | 0.0263 | 0.858 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 RAVENNA AVE | 35 | 35 | 1.55 | 8.63 | 3.517 | 3.15 | 1.565 | 0.264 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 MARBELLA AVE | 53 | 49 | 0.54 | 28.4 | 7.661 | 6.29 | 4.927 | 0.677 | 6 | 0.113 | 0.0482 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24622 NEPTUNE AVE | 34 | 34 | 2.41 | 13.2 | 4.764 | 4.02 | 2.539 | 0.435 | 1 | 0.0294 | 0.825 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 MARBELLA AVE | 32 | 32 | 3.01 | 25.8 | 7.075 | 5.66 | 4.632 | 0.819 | 3 | 0.0938 | 0.214 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 NEPTUNE AVE | 36 | 33 | 4.28 | 16 | 8.68 | 8.065 | 3.1 | 0.517 | 7 | 0.194 | 0.00181 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24627 MARBELLA AVE | 48 | 46 | 2.02 | 20.5 | 6.605 | 5.475 | 3.511 | 0.507 | 4 | 0.0833 | 0.218 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 MARBELLA AVE | 52 | 47 | 2.4 | 25.6 | 7.353 | 5.94 | 4.495 | 0.623 | 8 | 0.154 | 0.00409 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24628 NEPTUNE AVE | 18 | 18 | 0.44 | 5.85 | 2.093 | 1.695 | 1.397 | 0.329 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24629 NEPTUNE AVE | 39 | 39 | 3.63 | 13 | 7.941 | 7.89 | 2.53 | 0.405 | 2 | 0.0513 | 0.587 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24632 NEPTUNE AVE | 20 | 20 | 2.44 | 11.2 | 5.376 | 4.6 | 2.338 | 0.523 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24633 MARBELLA AVE | 40 | 40 | 3.1 | 27.7 | 7.584 | 6.59 | 4.379 | 0.692 | 4 | 0.1 | 0.138 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 MARBELLA AVE | 46 | 46 | 1.86 | 16.2 | 6.607 | 6.35 | 2.283 | 0.337 | 1 | 0.0217 | 0.906 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 RAVENNA AVE | 56 | 53 | 2.18 | 11.7 | 5.102 | 4.37 | 2.32 | 0.31 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 NEPTUNE AVE | 46 | 41 | 0.84 | 7.49 | 2.476 | 1.905 | 1.561 | 0.23 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 PANAMA AVE | 30 | 29 | 2.32 | 13.4 | 6.025 | 5.475 | 2.274 | 0.415 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 MARBELLA AVE | 36 | 35 | 2.33 | 12.8 | 5.411 | 4.645 | 2.366 | 0.394 | 1 | 0.0278 | 0.842 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 NEPTUNE AVE | 39 | 38 | 1.01 | 10.9 | 4.553 | 4.41 | 2.938 | 0.47 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 RAVENNA AVE | 53 | 47 | 0.88 | 9.93 | 3.148 | 2.36 | 2.04 | 0.28 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 MARBELLA AVE | 43 | 42 | 2.89 | 11.5 | 5.653 | 5.53 | 1.92 | 0.293 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 RAVENNA AVE | 33 | 32 | 2.12 | 13.6 | 4.941 | 4.08 | 2.667 | 0.464 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24707 MARBELLA AVE | 37 | 37 | 3.28 | 11.2 | 6.092 | 5.82 | 1.737 | 0.286 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24708 PANAMA AVE | 37 | 35 | 1.59 | 12.1 | 5.194 | 5.02 | 2.585 | 0.425 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 NEPTUNE AVE | 37 | 35 | 2.75 | 16.8 | 6.665 | 5.73 | 2.951 | 0.485 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 PANAMA AVE | 43 | 43 | 1.49 | 11.4 | 4.291 | 3.73 | 2.082 | 0.318 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 RAVENNA AVE | 52 | 49 | 1.84 | 11.5 | 4.351 | 4.415 | 1.455 | 0.202 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24710 MARBELLA AVE | 43 | 40 | 2.04 | 9.01 | 5.072 | 4.76 | 1.734 | 0.264 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 NEPTUNE AVE | 32 | 32 | 1.42 | 11.5 | 4.733 | 4.18 | 2.226 | 0.393 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 PANAMA AVE | 27 | 26 | 1.83 | 7.33 | 4.734 | 4.96 | 1.343 | 0.259 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 RAVENNA AVE | 45 | 45 | 2.23 | 8.7 | 5.058 | 4.71 | 1.481 | 0.221 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 MARBELLA AVE | 37 | 36 | 3.37 | 9.79 | 5.407 | 5.09 | 1.552 | 0.255 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 PANAMA AVE | 34 | 32 | 2.3 | 16.5 | 5.969 | 5.3 | 2.919 | 0.501 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 RAVENNA AVE | 35 | 34 | 1.31 | 6.31 | 3.57 | 3.54 | 1.422 | 0.24 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Arsenic (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24715 NEPTUNE AVE | 37 | 36 | 2.78 | 16.7 | 6.627 | 6.37 | 3.388 | 0.557 | 3 | 0.0811 | 0.282 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 MARBELLA AVE | 30 | 29 | 4.3 | 11.2 | 6.711 | 6.475 | 1.474 | 0.269 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 RAVENNA AVE | 15 | 15 | 2.04 | 10.5 | 3.87 | 3.18 | 2.078 | 0.537 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24717 MARBELLA AVE | 38 | 38 | 2.85 | 10.7 | 4.93 | 4.72 | 1.582 | 0.257 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 NEPTUNE AVE | 65 | 61 | 1.02 | 7.88 | 3.262 | 3.14 | 1.725 | 0.214 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 PANAMA AVE | 33 | 33 | 2.1 | 11.7 | 4.978 | 4.8 | 1.86 | 0.324 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 NEPTUNE AVE | 33 | 32 | 2.32 | 8.64 | 5.502 | 5.57 | 1.642 | 0.286 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 PANAMA AVE | 28 | 26 | 3.09 | 13.6 | 5.558 | 5.015 | 2.122 | 0.401 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 RAVENNA AVE | 45 | 44 | 1.35 | 9.28 | 3.981 | 4.03 | 1.689 | 0.252 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 MARBELLA AVE | 34 | 32 | 2.4 | 6.6 | 4.396 | 4.365 | 1.156 | 0.198 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 NEPTUNE AVE | 40 | 40 | 1.06 | 5.46 | 2.45 | 2.305 | 1.064 | 0.168 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 PANAMA AVE | 18 | 18 | 2.36 | 6.56 | 4.596 | 4.715 | 1.418 | 0.334 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 RAVENNA AVE | 41 | 24 | 2 | 8.6 | 3.505 | 3.2 | 1.303 | 0.203 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 MARBELLA AVE | 22 | 22 | 1.52 | 5.79 | 3.301 | 3.48 | 0.96 | 0.205 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 RAVENNA AVE | 37 | 36 | 0.4 | 4.42 | 1.688 | 1.56 | 1.099 | 0.181 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24725 NEPTUNE AVE | 35 | 33 | 2.07 | 6.63 | 4.247 | 4.01 | 1.238 | 0.209 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 MARBELLA AVE | 49 | 45 | 4.23 | 11.4 | 6.76 | 6.45 | 1.458 | 0.208 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 RAVENNA AVE | 37 | 36 | 1.17 | 5.68 | 2.992 | 3.14 | 1.318 | 0.217 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24727 MARBELLA AVE | 40 | 39 | 2.47 | 8.17 | 4.635 | 4.41 | 1.34 | 0.212 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 NEPTUNE AVE | 33 | 31 | 1.18 | 4.76 | 2.651 | 2.58 | 1.121 | 0.195 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 PANAMA AVE | 31 | 30 | 1.43 | 10.8 | 3.956 | 4.1 | 1.965 | 0.353 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 NEPTUNE AVE | 35 | 34 | 2.32 | 6.3 | 4.015 | 3.91 | 1.147 | 0.194 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 PANAMA AVE | 34 | 33 | 1.78 | 8.85 | 3.853 | 3.41 | 1.735 | 0.297 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 RAVENNA AVE | 16 | 16 | 1.53 | 6.51 | 3.469 | 2.685 | 1.692 | 0.423 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 MARBELLA AVE | 37 | 35 | 0.66 | 9.03 | 5.213 | 5.58 | 1.704 | 0.28 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 NEPTUNE AVE | 35 | 34 | 1.12 | 4.68 | 2.626 | 2.54 | 1.095 | 0.185 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 PANAMA AVE | 33 | 32 | 1.34 | 6 | 3.621 | 3.75 | 1.338 | 0.233 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 RAVENNA AVE | 42 | 38 | 0.4 | 5.82 | 1.74 | 1.655 | 1.15 | 0.177 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 MARBELLA AVE | 32 | 31 | 2.76 | 8.98 | 4.965 | 4.775 | 1.385 | 0.245 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 PANAMA AVE | 38 | 36 | 1.89 | 6.64 | 4.099 | 4.27 | 1.529 | 0.248 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 RAVENNA AVE | 40 | 39 | 1.6 | 5.06 | 3.026 | 2.715 | 1.015 | 0.161 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24735 NEPTUNE AVE | 36 | 36 | 0.95 | 4.92 | 2.568 | 2.395 | 1.137 | 0.189 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 MARBELLA AVE | 52 | 49 | 1.33 | 8.55 | 4.282 | 4.18 | 1.615 | 0.224 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 RAVENNA AVE | 43 | 38 | 1.56 | 5.62 | 3.491 | 3.51 | 0.938 | 0.143 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24737 MARBELLA AVE | 28 | 28 | 1.71 | 6.3 | 3.663 | 3.835 | 1.267 | 0.239 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 NEPTUNE AVE | 51 | 49 | 1.52 | 5.76 | 3.131 | 2.97 | 1.185 | 0.166 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 PANAMA AVE | 32 | 31 | 0.84 | 4.61 | 2.606 | 2.545 | 1.093 | 0.193 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 NEPTUNE AVE | 41 | 38 | 0.65 | 7.14 | 2.64 | 2.34 | 1.551 | 0.242 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 PANAMA AVE | 43 | 43 | 0.93 | 9.32 | 3.195 | 3.01 | 1.62 | 0.247 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 RAVENNA AVE | 42 | 39 | 0.4 | 4.09 | 1.604 | 1.665 | 0.889 | 0.137 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24740 MARBELLA AVE | 64 | 62 | 2.07 | 10.8 | 4.594 | 4.51 | 1.418 | 0.177 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24741 MARBELLA AVE | 12 | 12 | 2.77 | 5.39 | 4.378 | 4.42 | 0.747 | 0.216 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24743 RAVENNA AVE | 42 | 36 | 0.62 | 4.3 | 2.217 | 2.18 | 1.092 | 0.169 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24744 MARBELLA AVE | 25 | 24 | 1.71 | 5.81 | 3.609 | 3.43 | 1.165 | 0.233 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24748 RAVENNA AVE | 24 | 24 | 3.31 | 6.9 | 4.891 | 4.77 | 0.96 | 0.196 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24749 RAVENNA AVE | 43 | 40 | 1.52 | 6.22 | 2.768 | 2.77 | 0.794 | 0.121 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24752 RAVENNA AVE | 45 | 40 | 1.86 | 5.5 | 3.376 | 3.22 | 0.746 | 0.111 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24802 PANAMA AVE | 47 | 46 | 1.26 | 5.33 | 3.246 | 3.22 | 1.19 | 0.174 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 NEPTUNE AVE | 32 | 31 | 1.17 | 6.7 | 2.569 | 2.26 | 1.284 | 0.227 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 PANAMA AVE | 18 | 18 | 1.48 | 5.03 | 2.726 | 2.67 | 1.071 | 0.252 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 NEPTUNE AVE | 27 | 25 | 0.62 | 3.01 | 1.403 | 1.14 | 0.693 | 0.133 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 PANAMA AVE | 36 | 36 | 1.47 | 6.83 | 2.749 | 2.41 | 1.163 | 0.194 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24812 PANAMA AVE | 29 | 27 | 0.58 | 3.54 | 2.047 | 2.29 | 0.926 | 0.172 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24813 PANAMA AVE | 15 | 14 | 1.06 | 4.47 | 2.732 | 2.33 | 1.123 | 0.29 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Arsenic (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24815 NEPTUNE AVE | 30 | 29 | 1.16 | 5.2 | 2.604 | 2.32 | 1.094 | 0.2 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24818 PANAMA AVE | 34 | 34 | 0.92 | 4.33 | 2.487 | 2.645 | 1.022 | 0.175 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24819 PANAMA AVE | 34 | 31 | 2.63 | 6.01 | 3.99 | 3.945 | 0.929 | 0.159 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24822 PANAMA AVE | 43 | 41 | 1.72 | 5.75 | 3.369 | 3.54 | 1.318 | 0.201 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24823 PANAMA AVE | 39 | 37 | 2.27 | 5.9 | 3.832 | 3.97 | 0.866 | 0.139 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24825 NEPTUNE AVE | 98 | 85 | 1.47 | 6.45 | 3.425 | 3.2 | 1.139 | 0.115 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24828 PANAMA AVE | 36 | 33 | 0.55 | 3.77 | 1.877 | 1.94 | 0.91 | 0.152 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24829 PANAMA AVE | 48 | 43 | 0.89 | 8.67 | 2.318 | 2.215 | 1.136 | 0.164 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24832 PANAMA AVE | 38 | 33 | 0.4 | 3.9 | 1.692 | 1.495 | 0.837 | 0.136 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24833 PANAMA AVE | 43 | 40 | 0.58 | 3.8 | 1.725 | 1.69 | 0.762 | 0.116 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24838 PANAMA AVE | 28 | 27 | 1.54 | 7.23 | 4.068 | 4.17 | 1.596 | 0.302 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24904 NEPTUNE AVE | 74 | 64 | 1.54 | 6.59 | 4.054 | 4.115 | 0.922 | 0.107 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24912 NEPTUNE AVE | 36 | 34 | 1.61 | 6.07 | 3.427 | 2.965 | 1.315 | 0.219 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 301 244TH ST | 29 | 25 | 0.4 | 14 | 2.769 | 1.79 | 3.347 | 0.621 | 1 | 0.0345 | 0.774 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 305 244TH ST | 54 | 54 | 1.91 | 28.2 | 8.046 | 6.97 | 5.174 | 0.704 | 9 | 0.167 | 0.00134 | Reject H0, Conclude Site Proportion > 0.05 | |
| 311 244TH ST | 71 | 68 | 0.75 | 39.6 | 7.078 | 6.82 | 4.825 | 0.573 | 4 | 0.0563 | 0.477 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 317 244TH ST | 58 | 56 | 0.89 | 20.2 | 7.549 | 7.59 | 3.708 | 0.487 | 4 | 0.069 | 0.33 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 321 244TH ST | 40 | 40 | 3.44 | 50.9 | 8.714 | 6.715 | 7.741 | 1.224 | 6 | 0.15 | 0.0139 | Reject H0, Conclude Site Proportion > 0.05 | |
| 327 244TH ST | 12 | 12 | 2.32 | 10.9 | 5.581 | 5.31 | 2.52 | 0.728 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 331 244TH ST | 28 | 28 | 1.95 | 62.9 | 11.65 | 7.05 | 13.13 | 2.481 | 6 | 0.214 | 0.00227 | Reject H0, Conclude Site Proportion > 0.05 | |
| 337 244TH ST | 34 | 34 | 2.59 | 19.3 | 7.901 | 6.67 | 4.164 | 0.714 | 5 | 0.147 | 0.0259 | Reject H0, Conclude Site Proportion > 0.05 | |
| 341 244TH ST | 48 | 46 | 5.12 | 19.3 | 8.239 | 7.53 | 2.563 | 0.37 | 4 | 0.0833 | 0.218 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 344 249TH ST | 35 | 33 | 1.13 | 4.73 | 2.755 | 2.57 | 1.21 | 0.204 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 345 249TH ST | 93 | 82 | 1.01 | 5.99 | 3.201 | 3.04 | 1.053 | 0.109 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 347 244TH ST | 32 | 32 | 4.48 | 14.2 | 7.07 | 6.795 | 1.865 | 0.33 | 1 | 0.0313 | 0.806 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 248TH ST | 49 | 47 | 1.01 | 5.58 | 2.644 | 2.4 | 1.21 | 0.173 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 249TH ST | 51 | 49 | 0.4 | 6.55 | 3.214 | 3.12 | 1.513 | 0.212 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 351 244TH ST | 32 | 31 | 3.03 | 8.58 | 5.286 | 5.25 | 1.198 | 0.212 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 352 249TH ST | 32 | 32 | 1.28 | 4.32 | 2.8 | 2.865 | 0.87 | 0.154 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 353 249TH ST | 32 | 29 | 2.18 | 11.1 | 5.098 | 4.875 | 1.909 | 0.338 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 354 248TH ST | 39 | 37 | 1.72 | 6.21 | 3.225 | 2.86 | 1.235 | 0.198 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 244TH ST | 40 | 39 | 3.86 | 9.56 | 6.291 | 6.425 | 1.377 | 0.218 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 249TH ST | 24 | 24 | 2.05 | 6.17 | 4.043 | 4.03 | 1.141 | 0.233 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 358 249TH ST | 43 | 42 | 0.4 | 4.93 | 2.196 | 2.04 | 1.155 | 0.176 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 360 248TH ST | 48 | 46 | 2.77 | 8.26 | 5.189 | 5.08 | 1.194 | 0.172 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 361 244TH ST | 23 | 23 | 3.46 | 9.84 | 5.449 | 5.46 | 1.57 | 0.327 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 362 249TH ST | 25 | 24 | 1.16 | 5.67 | 3.285 | 3.09 | 1.51 | 0.302 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 363 249TH ST | 27 | 26 | 0.53 | 6.3 | 2.68 | 2.15 | 1.758 | 0.338 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 364 248TH ST | 48 | 42 | 1.32 | 4.86 | 2.497 | 2.38 | 0.766 | 0.111 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 244TH ST | 13 | 13 | 1.34 | 5.55 | 3.919 | 4.08 | 1.203 | 0.334 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 249TH ST | 46 | 45 | 0.7 | 5.96 | 3.295 | 3.355 | 1.331 | 0.196 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 368 249TH ST | 55 | 51 | 0.94 | 7.22 | 2.244 | 1.98 | 1.092 | 0.147 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 373 249TH ST | 42 | 41 | 0.4 | 5.06 | 2.152 | 2.115 | 0.956 | 0.147 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 248TH ST | 120 | 109 | 0.51 | 7.46 | 2.911 | 2.87 | 1.423 | 0.13 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 249TH ST | 27 | 25 | 0.4 | 3.38 | 1.237 | 1 | 0.835 | 0.161 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 244TH ST | 32 | 31 | 3.24 | 11.6 | 5.502 | 4.935 | 2.019 | 0.357 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 249TH ST | 33 | 20 | 0.4 | 2.54 | 0.871 | 0.65 | 0.554 | 0.0965 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 378 249TH ST | 41 | 38 | 0.42 | 4.38 | 2.442 | 2.32 | 1.015 | 0.159 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 383 249TH ST | 32 | 29 | 1.37 | 6.86 | 2.618 | 2.41 | 0.994 | 0.176 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 402 249TH ST | 32 | 31 | 0.69 | 3.6 | 2.271 | 2.525 | 0.906 | 0.16 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 408 249TH ST | 24 | 23 | 0.76 | 6.7 | 2.871 | 2.27 | 1.673 | 0.341 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 412 249TH ST | 77 | 71 | 1.12 | 11.5 | 4.346 | 4.26 | 2.039 | 0.232 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Cadmium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24401 MARBELLA AVE | 33 | 20 | 0.09 | 1.16 | 0.354 | 0.31 | 0.195 | 0.0339 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 NEPTUNE AVE | 48 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 4.21E-17 | 6.07E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 PANAMA AVE | 127 | 20 | 0.09 | 0.83 | 0.123 | 0.09 | 0.0969 | 0.0086 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 RAVENNA AVE | 40 | 15 | 0.01 | 1.54 | 0.162 | 0.09 | 0.312 | 0.0493 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 NEPTUNE AVE | 46 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 4.21E-17 | 6.21E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 RAVENNA AVE | 62 | 14 | 0.09 | 0.58 | 0.128 | 0.1 | 0.0748 | 0.0095 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24405 MARBELLA AVE | 25 | 12 | 0.09 | 0.21 | 0.14 | 0.14 | 0.0378 | 0.00756 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 MARBELLA AVE | 40 | 18 | 0.03 | 0.7 | 0.142 | 0.09 | 0.142 | 0.0225 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 NEPTUNE AVE | 28 | 17 | 0.09 | 0.75 | 0.404 | 0.455 | 0.228 | 0.0431 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 PANAMA AVE | 23 | 3 | 0.01 | 0.09 | 0.07 | 0.09 | 0.0346 | 0.00722 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 RAVENNA AVE | 26 | 11 | 0.01 | 0.47 | 0.0927 | 0.09 | 0.102 | 0.0201 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 NEPTUNE AVE | 24 | 12 | 0.09 | 1.85 | 0.4 | 0.26 | 0.412 | 0.0842 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 RAVENNA AVE | 33 | 27 | 0.09 | 1.4 | 0.608 | 0.66 | 0.343 | 0.0597 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24410 PANAMA AVE | 33 | 7 | 0.09 | 0.36 | 0.12 | 0.09 | 0.0733 | 0.0128 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 MARBELLA AVE | 69 | 14 | 0.09 | 0.45 | 0.121 | 0.09 | 0.0654 | 0.00787 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 PANAMA AVE | 37 | 3 | 0.09 | 6.33 | 0.373 | 0.09 | 1.222 | 0.201 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 MARBELLA AVE | 31 | 15 | 0.09 | 1.68 | 0.275 | 0.14 | 0.369 | 0.0663 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 RAVENNA AVE | 61 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 7.00E-17 | 8.96E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 NEPTUNE AVE | 24 | 6 | 0.09 | 2.05 | 0.223 | 0.09 | 0.432 | 0.0883 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 RAVENNA AVE | 28 | 5 | 0.09 | 0.98 | 0.158 | 0.09 | 0.216 | 0.0409 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 MARBELLA AVE | 50 | 7 | 0.09 | 0.93 | 0.129 | 0.09 | 0.14 | 0.0197 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 NEPTUNE AVE | 21 | 16 | 0.12 | 0.38 | 0.22 | 0.22 | 0.0711 | 0.0155 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 PANAMA AVE | 33 | 15 | 0.09 | 0.37 | 0.156 | 0.13 | 0.0779 | 0.0136 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 RAVENNA AVE | 42 | 3 | 0.01 | 1.22 | 0.107 | 0.09 | 0.178 | 0.0274 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 MARBELLA AVE | 8 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.48E-17 | 5.25E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 PANAMA AVE | 47 | 16 | 0.09 | 0.57 | 0.138 | 0.09 | 0.0914 | 0.0133 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 NEPTUNE AVE | 32 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.41E-17 | 2.49E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 RAVENNA AVE | 32 | 3 | 0.01 | 0.43 | 0.0881 | 0.09 | 0.069 | 0.0122 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24420 PANAMA AVE | 33 | 5 | 0.09 | 1.09 | 0.127 | 0.09 | 0.174 | 0.0303 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24421 PANAMA AVE | 30 | 9 | 0.09 | 0.34 | 0.122 | 0.09 | 0.0728 | 0.0133 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 MARBELLA AVE | 43 | 10 | 0.09 | 0.81 | 0.145 | 0.09 | 0.16 | 0.0244 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 NEPTUNE AVE | 36 | 3 | 0.01 | 0.22 | 0.0803 | 0.09 | 0.0385 | 0.00642 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 RAVENNA AVE | 29 | 7 | 0.01 | 0.15 | 0.0379 | 0.01 | 0.0489 | 0.00908 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 MARBELLA AVE | 13 | 2 | 0.09 | 1.7 | 0.214 | 0.09 | 0.447 | 0.124 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 NEPTUNE AVE | 37 | 11 | 0.09 | 0.39 | 0.132 | 0.1 | 0.067 | 0.011 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 RAVENNA AVE | 40 | 5 | 0.01 | 0.38 | 0.0878 | 0.09 | 0.0573 | 0.00906 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 MARBELLA AVE | 24 | 6 | 0.01 | 0.79 | 0.115 | 0.09 | 0.148 | 0.0302 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 NEPTUNE AVE | 30 | 2 | 0.01 | 0.09 | 0.074 | 0.09 | 0.0325 | 0.00594 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 PANAMA AVE | 30 | 10 | 0.09 | 0.75 | 0.158 | 0.09 | 0.152 | 0.0277 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 RAVENNA AVE | 49 | 2 | 0.09 | 0.8 | 0.104 | 0.09 | 0.101 | 0.0145 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 MARBELLA AVE | 25 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.83E-17 | 5.67E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 PANAMA AVE | 38 | 2 | 0.09 | 1.08 | 0.116 | 0.09 | 0.161 | 0.0261 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 NEPTUNE AVE | 19 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.85E-17 | 6.54E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 RAVENNA AVE | 29 | 15 | 0.09 | 0.44 | 0.178 | 0.12 | 0.107 | 0.0199 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24430 PANAMA AVE | 30 | 3 | 0.01 | 1.37 | 0.125 | 0.09 | 0.236 | 0.0432 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24431 PANAMA AVE | 35 | 12 | 0.09 | 1.12 | 0.176 | 0.09 | 0.221 | 0.0373 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24432 MARBELLA AVE | 67 | 14 | 0.09 | 0.66 | 0.141 | 0.09 | 0.138 | 0.0169 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24433 MARBELLA AVE | 27 | 5 | 0.01 | 0.32 | 0.0907 | 0.09 | 0.0788 | 0.0152 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24436 PANAMA AVE | 35 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.82E-17 | 4.76E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 MARBELLA AVE | 51 | 26 | 0.09 | 2.8 | 0.357 | 0.11 | 0.521 | 0.0729 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 NEPTUNE AVE | 58 | 2 | 0.01 | 0.09 | 0.0817 | 0.09 | 0.0246 | 0.00323 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 PANAMA AVE | 48 | 3 | 0.01 | 0.14 | 0.081 | 0.09 | 0.0281 | 0.00405 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 RAVENNA AVE | 44 | 4 | 0.09 | 0.25 | 0.0984 | 0.09 | 0.0296 | 0.00447 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 MARBELLA AVE | 29 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Cadmium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24503 NEPTUNE AVE | 60 | 11 | 0.09 | 0.72 | 0.146 | 0.09 | 0.156 | 0.0201 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 PANAMA AVE | 28 | 12 | 0.01 | 0.27 | 0.132 | 0.13 | 0.0507 | 0.00957 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 RAVENNA AVE | 34 | 2 | 0.09 | 0.14 | 0.0959 | 0.09 | 0.0164 | 0.0028 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24506 MARBELLA AVE | 36 | 19 | 0.01 | 0.47 | 0.159 | 0.14 | 0.103 | 0.0172 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24507 MARBELLA AVE | 36 | 17 | 0.09 | 0.34 | 0.175 | 0.18 | 0.0594 | 0.00991 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 NEPTUNE AVE | 40 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 4.22E-17 | 6.67E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 PANAMA AVE | 24 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.84E-17 | 5.79E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 RAVENNA AVE | 39 | 4 | 0.09 | 0.28 | 0.0977 | 0.09 | 0.0316 | 0.00506 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 NEPTUNE AVE | 31 | 19 | 0.09 | 0.64 | 0.327 | 0.36 | 0.172 | 0.031 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 PANAMA AVE | 47 | 12 | 0.09 | 1.85 | 0.164 | 0.09 | 0.269 | 0.0392 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 RAVENNA AVE | 37 | 2 | 0.09 | 1 | 0.115 | 0.09 | 0.15 | 0.0246 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 MARBELLA AVE | 48 | 28 | 0.26 | 0.73 | 0.499 | 0.505 | 0.0993 | 0.0143 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 NEPTUNE AVE | 36 | 23 | 0.4 | 1.36 | 0.626 | 0.575 | 0.173 | 0.0289 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 PANAMA AVE | 28 | 3 | 0.09 | 0.27 | 0.0996 | 0.09 | 0.0375 | 0.00708 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 RAVENNA AVE | 46 | 20 | 0.09 | 0.31 | 0.163 | 0.14 | 0.0745 | 0.011 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 NEPTUNE AVE | 37 | 4 | 0.09 | 0.27 | 0.0962 | 0.09 | 0.0299 | 0.00492 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 PANAMA AVE | 51 | 2 | 0.09 | 0.12 | 0.0912 | 0.09 | 0.00588 | 0.00082353 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 RAVENNA AVE | 30 | 11 | 0.09 | 0.37 | 0.125 | 0.09 | 0.068 | 0.0124 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24516 MARBELLA AVE | 30 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24517 MARBELLA AVE | 12 | 9 | 0.01 | 0.98 | 0.458 | 0.585 | 0.351 | 0.101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 NEPTUNE AVE | 45 | 15 | 0.09 | 0.46 | 0.219 | 0.25 | 0.104 | 0.0156 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 PANAMA AVE | 42 | 8 | 0.01 | 0.44 | 0.102 | 0.09 | 0.0764 | 0.0118 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 RAVENNA AVE | 30 | 10 | 0.09 | 0.58 | 0.132 | 0.09 | 0.105 | 0.0192 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 NEPTUNE AVE | 35 | 7 | 0.09 | 6.88 | 0.309 | 0.09 | 1.146 | 0.194 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 PANAMA AVE | 30 | 8 | 0.09 | 0.51 | 0.13 | 0.09 | 0.105 | 0.0193 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 MARBELLA AVE | 27 | 11 | 0.09 | 0.39 | 0.158 | 0.09 | 0.0909 | 0.0175 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 NEPTUNE AVE | 28 | 14 | 0.09 | 0.58 | 0.285 | 0.31 | 0.172 | 0.0326 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 PANAMA AVE | 36 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.82E-17 | 4.69E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 RAVENNA AVE | 35 | 6 | 0.09 | 0.28 | 0.101 | 0.09 | 0.034 | 0.00575 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 MARBELLA AVE | 45 | 14 | 0.09 | 0.63 | 0.145 | 0.09 | 0.123 | 0.0183 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 NEPTUNE AVE | 37 | 5 | 0.09 | 0.36 | 0.108 | 0.09 | 0.0576 | 0.00947 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 RAVENNA AVE | 17 | 7 | 0.09 | 0.73 | 0.146 | 0.09 | 0.159 | 0.0387 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24526 MARBELLA AVE | 36 | 12 | 0.09 | 0.57 | 0.137 | 0.09 | 0.0926 | 0.0154 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 NEPTUNE AVE | 31 | 9 | 0.09 | 0.28 | 0.118 | 0.09 | 0.0504 | 0.00906 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 PANAMA AVE | 39 | 2 | 0.14 | 0.2 | 0.142 | 0.14 | 0.00961 | 0.00154 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 NEPTUNE AVE | 32 | 4 | 0.09 | 0.72 | 0.131 | 0.09 | 0.15 | 0.0266 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 PANAMA AVE | 24 | 13 | 0.09 | 0.59 | 0.279 | 0.32 | 0.163 | 0.0332 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 RAVENNA AVE | 26 | 14 | 0.09 | 3.72 | 0.327 | 0.105 | 0.73 | 0.143 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 MARBELLA AVE | 27 | 14 | 0.01 | 0.33 | 0.135 | 0.15 | 0.103 | 0.0198 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 NEPTUNE AVE | 21 | 7 | 0.09 | 1.35 | 0.212 | 0.09 | 0.304 | 0.0662 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 PANAMA AVE | 23 | 17 | 0.14 | 0.43 | 0.29 | 0.28 | 0.0704 | 0.0147 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 RAVENNA AVE | 29 | 2 | 0.09 | 0.12 | 0.091 | 0.09 | 0.00557 | 0.00103 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 MARBELLA AVE | 25 | 18 | 0.01 | 2.6 | 0.415 | 0.24 | 0.603 | 0.121 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 PANAMA AVE | 29 | 3 | 0.09 | 1.1 | 0.131 | 0.09 | 0.19 | 0.0352 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 RAVENNA AVE | 52 | 6 | 0.09 | 0.42 | 0.112 | 0.09 | 0.0558 | 0.00773 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 MARBELLA AVE | 34 | 25 | 0.25 | 1.2 | 0.595 | 0.575 | 0.203 | 0.0347 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 NEPTUNE AVE | 33 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.41E-17 | 2.45E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 PANAMA AVE | 40 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 4.22E-17 | 6.67E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 RAVENNA AVE | 28 | 3 | 0.01 | 0.17 | 0.0357 | 0.01 | 0.0438 | 0.00828 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 MARBELLA AVE | 26 | 5 | 0.01 | 0.31 | 0.102 | 0.09 | 0.0786 | 0.0154 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 NEPTUNE AVE | 49 | 5 | 0.09 | 0.2 | 0.0949 | 0.09 | 0.0195 | 0.00278 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 PANAMA AVE | 30 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 RAVENNA AVE | 31 | 6 | 0.01 | 0.22 | 0.0877 | 0.09 | 0.0455 | 0.00817 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24606 MARBELLA AVE | 63 | 7 | 0.09 | 0.33 | 0.0989 | 0.09 | 0.0346 | 0.00436 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Cadmium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24607 MARBELLA AVE | 31 | 15 | 0.09 | 0.65 | 0.17 | 0.1 | 0.124 | 0.0223 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 NEPTUNE AVE | 37 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.81E-17 | 4.63E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 PANAMA AVE | 22 | 9 | 0.09 | 0.27 | 0.143 | 0.15 | 0.0494 | 0.0105 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 RAVENNA AVE | 40 | 7 | 0.09 | 1 | 0.128 | 0.09 | 0.153 | 0.0242 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 NEPTUNE AVE | 30 | 5 | 0.09 | 0.39 | 0.105 | 0.09 | 0.0555 | 0.0101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 PANAMA AVE | 34 | 3 | 0.09 | 0.38 | 0.0997 | 0.09 | 0.0498 | 0.00853 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 RAVENNA AVE | 45 | 4 | 0.09 | 0.6 | 0.108 | 0.09 | 0.0825 | 0.0123 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 MARBELLA AVE | 51 | 17 | 0.09 | 3.08 | 0.244 | 0.1 | 0.419 | 0.0587 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 NEPTUNE AVE | 47 | 6 | 0.09 | 0.77 | 0.149 | 0.14 | 0.136 | 0.0198 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 PANAMA AVE | 33 | 19 | 0.14 | 0.51 | 0.272 | 0.27 | 0.107 | 0.0186 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 RAVENNA AVE | 46 | 14 | 0.09 | 0.61 | 0.142 | 0.12 | 0.0941 | 0.0139 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 MARBELLA AVE | 52 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 5.61E-17 | 7.77E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 NEPTUNE AVE | 39 | 9 | 0.09 | 0.33 | 0.177 | 0.09 | 0.0978 | 0.0157 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 PANAMA AVE | 51 | 2 | 0.09 | 0.2 | 0.0922 | 0.09 | 0.0154 | 0.00216 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 RAVENNA AVE | 33 | 10 | 0.09 | 0.32 | 0.131 | 0.09 | 0.0653 | 0.0114 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24616 MARBELLA AVE | 46 | 9 | 0.09 | 0.28 | 0.11 | 0.09 | 0.0437 | 0.00644 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24617 MARBELLA AVE | 34 | 24 | 0.09 | 1.02 | 0.383 | 0.335 | 0.212 | 0.0363 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 NEPTUNE AVE | 26 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.42E-17 | 2.78E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 PANAMA AVE | 28 | 5 | 0.09 | 0.63 | 0.141 | 0.09 | 0.135 | 0.0254 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 RAVENNA AVE | 40 | 10 | 0.09 | 0.19 | 0.113 | 0.1 | 0.0308 | 0.00487 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 NEPTUNE AVE | 28 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 PANAMA AVE | 38 | 6 | 0.09 | 0.21 | 0.101 | 0.09 | 0.0296 | 0.0048 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 RAVENNA AVE | 35 | 6 | 0.09 | 0.32 | 0.106 | 0.09 | 0.0474 | 0.008 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 MARBELLA AVE | 53 | 2 | 0.09 | 1.03 | 0.108 | 0.09 | 0.129 | 0.0177 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 NEPTUNE AVE | 34 | 19 | 0.09 | 0.61 | 0.302 | 0.325 | 0.151 | 0.0258 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 MARBELLA AVE | 32 | 17 | 0.09 | 0.57 | 0.197 | 0.19 | 0.096 | 0.017 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 NEPTUNE AVE | 36 | 2 | 0.09 | 0.24 | 0.0942 | 0.09 | 0.025 | 0.00417 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24627 MARBELLA AVE | 48 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 4.21E-17 | 6.07E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 MARBELLA AVE | 52 | 19 | 0.01 | 0.78 | 0.099 | 0.03 | 0.155 | 0.0215 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 NEPTUNE AVE | 18 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.86E-17 | 6.73E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24629 NEPTUNE AVE | 39 | 2 | 0.09 | 0.1 | 0.0903 | 0.09 | 0.0016 | 0.00025641 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24632 NEPTUNE AVE | 20 | 2 | 0.01 | 0.09 | 0.078 | 0.09 | 0.0293 | 0.00655 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24633 MARBELLA AVE | 40 | 8 | 0.14 | 0.58 | 0.17 | 0.14 | 0.0901 | 0.0142 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 MARBELLA AVE | 46 | 2 | 0.09 | 0.3 | 0.0946 | 0.09 | 0.031 | 0.00457 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 RAVENNA AVE | 56 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 5.60E-17 | 7.49E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 NEPTUNE AVE | 46 | 4 | 0.09 | 0.39 | 0.0974 | 0.09 | 0.0442 | 0.00652 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 PANAMA AVE | 30 | 3 | 0.09 | 1.72 | 0.157 | 0.09 | 0.304 | 0.0554 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 MARBELLA AVE | 36 | 15 | 0.09 | 0.66 | 0.194 | 0.09 | 0.144 | 0.0241 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 NEPTUNE AVE | 39 | 11 | 0.01 | 0.65 | 0.117 | 0.09 | 0.105 | 0.0168 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 RAVENNA AVE | 53 | 4 | 0.09 | 0.29 | 0.0951 | 0.09 | 0.0285 | 0.00392 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 MARBELLA AVE | 43 | 4 | 0.09 | 0.53 | 0.102 | 0.09 | 0.0673 | 0.0103 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 RAVENNA AVE | 33 | 4 | 0.09 | 0.19 | 0.0948 | 0.09 | 0.0192 | 0.00335 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24707 MARBELLA AVE | 37 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.81E-17 | 4.63E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24708 PANAMA AVE | 37 | 12 | 0.09 | 0.72 | 0.178 | 0.09 | 0.162 | 0.0266 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 NEPTUNE AVE | 37 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.81E-17 | 4.63E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 PANAMA AVE | 43 | 5 | 0.01 | 0.15 | 0.0749 | 0.09 | 0.0363 | 0.00554 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 RAVENNA AVE | 52 | 6 | 0.09 | 0.15 | 0.0935 | 0.09 | 0.0122 | 0.00169 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24710 MARBELLA AVE | 43 | 13 | 0.09 | 0.52 | 0.14 | 0.09 | 0.0877 | 0.0134 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 NEPTUNE AVE | 32 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.41E-17 | 2.49E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 PANAMA AVE | 27 | 4 | 0.09 | 0.23 | 0.0989 | 0.09 | 0.0299 | 0.00576 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 RAVENNA AVE | 45 | 4 | 0.09 | 0.18 | 0.0976 | 0.09 | 0.0225 | 0.00335 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 MARBELLA AVE | 37 | 9 | 0.09 | 0.34 | 0.124 | 0.09 | 0.0617 | 0.0101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 PANAMA AVE | 34 | 22 | 0.01 | 0.62 | 0.206 | 0.16 | 0.169 | 0.0289 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 RAVENNA AVE | 35 | 13 | 0.09 | 0.61 | 0.159 | 0.13 | 0.0895 | 0.0151 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Cadmium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24715 NEPTUNE AVE | 37 | 9 | 0.09 | 0.47 | 0.128 | 0.09 | 0.0951 | 0.0156 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 MARBELLA AVE | 30 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 RAVENNA AVE | 15 | 5 | 0.09 | 0.2 | 0.106 | 0.09 | 0.0342 | 0.00883 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24717 MARBELLA AVE | 38 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.81E-17 | 4.56E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 NEPTUNE AVE | 65 | 7 | 0.09 | 0.19 | 0.0963 | 0.09 | 0.0164 | 0.00204 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 PANAMA AVE | 33 | 2 | 0.09 | 0.28 | 0.0958 | 0.09 | 0.0331 | 0.00576 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 NEPTUNE AVE | 33 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.41E-17 | 2.45E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 PANAMA AVE | 28 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 RAVENNA AVE | 45 | 4 | 0.09 | 0.17 | 0.0929 | 0.09 | 0.0129 | 0.00192 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 MARBELLA AVE | 34 | 13 | 0.01 | 0.41 | 0.103 | 0.06 | 0.113 | 0.0193 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 NEPTUNE AVE | 40 | 7 | 0.09 | 0.31 | 0.129 | 0.09 | 0.0741 | 0.0117 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 PANAMA AVE | 18 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.86E-17 | 6.73E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 RAVENNA AVE | 41 | 8 | 0.01 | 0.52 | 0.0398 | 0.01 | 0.0937 | 0.0146 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 MARBELLA AVE | 22 | 2 | 0.09 | 0.58 | 0.112 | 0.09 | 0.104 | 0.0223 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 RAVENNA AVE | 37 | 10 | 0.09 | 1.53 | 0.197 | 0.09 | 0.321 | 0.0528 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24725 NEPTUNE AVE | 35 | 3 | 0.01 | 0.09 | 0.0777 | 0.09 | 0.0285 | 0.00482 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 MARBELLA AVE | 49 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 4.21E-17 | 6.01E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 RAVENNA AVE | 37 | 3 | 0.09 | 0.19 | 0.0932 | 0.09 | 0.0165 | 0.00271 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24727 MARBELLA AVE | 40 | 21 | 0.09 | 0.69 | 0.333 | 0.32 | 0.117 | 0.0184 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 NEPTUNE AVE | 33 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.41E-17 | 2.45E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 PANAMA AVE | 31 | 15 | 0.09 | 2.12 | 0.311 | 0.12 | 0.478 | 0.0859 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 NEPTUNE AVE | 35 | 2 | 0.01 | 0.09 | 0.0786 | 0.09 | 0.0284 | 0.0048 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 PANAMA AVE | 34 | 6 | 0.09 | 0.15 | 0.0953 | 0.09 | 0.0148 | 0.00254 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 RAVENNA AVE | 16 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.43E-17 | 3.58E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 MARBELLA AVE | 37 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.81E-17 | 4.63E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 NEPTUNE AVE | 35 | 7 | 0.09 | 0.3 | 0.107 | 0.09 | 0.0481 | 0.00814 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 PANAMA AVE | 33 | 6 | 0.09 | 1.16 | 0.172 | 0.09 | 0.254 | 0.0443 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 RAVENNA AVE | 42 | 2 | 0.09 | 0.15 | 0.0914 | 0.09 | 0.00926 | 0.00143 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 MARBELLA AVE | 32 | 19 | 0.09 | 0.44 | 0.197 | 0.17 | 0.0967 | 0.0171 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 PANAMA AVE | 38 | 17 | 0.11 | 0.5 | 0.179 | 0.16 | 0.0723 | 0.0117 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 RAVENNA AVE | 40 | 18 | 0.01 | 0.43 | 0.236 | 0.255 | 0.114 | 0.018 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24735 NEPTUNE AVE | 36 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.82E-17 | 4.69E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 MARBELLA AVE | 52 | 2 | 0.09 | 0.5 | 0.0979 | 0.09 | 0.0569 | 0.00788 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 RAVENNA AVE | 43 | 9 | 0.09 | 0.39 | 0.137 | 0.09 | 0.103 | 0.0157 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24737 MARBELLA AVE | 28 | 2 | 0.09 | 0.86 | 0.118 | 0.09 | 0.146 | 0.0275 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 NEPTUNE AVE | 51 | 5 | 0.01 | 0.32 | 0.0863 | 0.09 | 0.0432 | 0.00605 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 PANAMA AVE | 32 | 8 | 0.09 | 0.57 | 0.151 | 0.09 | 0.121 | 0.0214 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 NEPTUNE AVE | 41 | 6 | 0.09 | 0.61 | 0.14 | 0.09 | 0.138 | 0.0216 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 PANAMA AVE | 43 | 17 | 0.09 | 0.57 | 0.258 | 0.26 | 0.104 | 0.0159 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 RAVENNA AVE | 42 | 7 | 0.09 | 0.55 | 0.118 | 0.09 | 0.0905 | 0.014 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24740 MARBELLA AVE | 64 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 6.99E-17 | 8.74E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24741 MARBELLA AVE | 12 | 2 | 0.09 | 0.14 | 0.0942 | 0.09 | 0.0144 | 0.00417 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24743 RAVENNA AVE | 42 | 20 | 0.01 | 0.44 | 0.192 | 0.24 | 0.116 | 0.018 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24744 MARBELLA AVE | 25 | 2 | 0.09 | 0.14 | 0.092 | 0.09 | 0.01 | 0.002 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24748 RAVENNA AVE | 24 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.84E-17 | 5.79E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24749 RAVENNA AVE | 43 | 4 | 0.09 | 0.34 | 0.1 | 0.09 | 0.0423 | 0.00645 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24752 RAVENNA AVE | 45 | 4 | 0.09 | 0.39 | 0.0987 | 0.09 | 0.0454 | 0.00677 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24802 PANAMA AVE | 47 | 5 | 0.09 | 0.41 | 0.106 | 0.09 | 0.0612 | 0.00893 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 NEPTUNE AVE | 32 | 4 | 0.09 | 0.39 | 0.104 | 0.09 | 0.056 | 0.00991 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 PANAMA AVE | 18 | 2 | 0.09 | 0.11 | 0.0911 | 0.09 | 0.00471 | 0.00111 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 NEPTUNE AVE | 27 | 4 | 0.09 | 9.02 | 0.43 | 0.09 | 1.717 | 0.33 | 1 | 0.037 | 0.75 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 PANAMA AVE | 36 | 2 | 0.09 | 0.13 | 0.0911 | 0.09 | 0.00667 | 0.00111 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24812 PANAMA AVE | 29 | 3 | 0.09 | 0.28 | 0.108 | 0.09 | 0.0551 | 0.0102 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24813 PANAMA AVE | 15 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.44E-17 | 3.71E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Cadmium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24815 NEPTUNE AVE | 30 | 9 | 0.01 | 0.93 | 0.14 | 0.09 | 0.175 | 0.0319 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24818 PANAMA AVE | 34 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.82E-17 | 4.83E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24819 PANAMA AVE | 34 | 2 | 0.09 | 0.63 | 0.106 | 0.09 | 0.0926 | 0.0159 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24822 PANAMA AVE | 43 | 3 | 0.09 | 0.31 | 0.0958 | 0.09 | 0.0338 | 0.00515 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24823 PANAMA AVE | 39 | 5 | 0.09 | 0.26 | 0.099 | 0.09 | 0.0342 | 0.00547 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24825 NEPTUNE AVE | 98 | 20 | 0.01 | 0.82 | 0.128 | 0.1 | 0.0992 | 0.01 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24828 PANAMA AVE | 36 | 14 | 0.1 | 0.58 | 0.174 | 0.145 | 0.0945 | 0.0158 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24829 PANAMA AVE | 48 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 4.21E-17 | 6.07E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24832 PANAMA AVE | 38 | 8 | 0.09 | 0.4 | 0.11 | 0.09 | 0.0565 | 0.00916 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24833 PANAMA AVE | 43 | 2 | 0.09 | 0.34 | 0.0958 | 0.09 | 0.0381 | 0.00581 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24838 PANAMA AVE | 28 | 3 | 0.01 | 0.11 | 0.0736 | 0.09 | 0.034 | 0.00643 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24904 NEPTUNE AVE | 74 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 8.38E-17 | 9.75E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24912 NEPTUNE AVE | 36 | 2 | 0.01 | 0.09 | 0.0767 | 0.09 | 0.0302 | 0.00504 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 301 244TH ST | 29 | 2 | 0.09 | 0.15 | 0.0921 | 0.09 | 0.0111 | 0.00207 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 305 244TH ST | 54 | 10 | 0.09 | 1.39 | 0.146 | 0.09 | 0.193 | 0.0263 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 311 244TH ST | 71 | 26 | 0.09 | 3.76 | 0.297 | 0.14 | 0.568 | 0.0674 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 317 244TH ST | 58 | 24 | 0.09 | 0.43 | 0.177 | 0.15 | 0.0812 | 0.0107 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 321 244TH ST | 40 | 16 | 0.09 | 1 | 0.175 | 0.13 | 0.154 | 0.0244 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 327 244TH ST | 12 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.45E-17 | 4.18E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 331 244TH ST | 28 | 11 | 0.09 | 1.12 | 0.184 | 0.11 | 0.206 | 0.0389 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 337 244TH ST | 34 | 18 | 0.09 | 1.18 | 0.31 | 0.29 | 0.184 | 0.0315 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 341 244TH ST | 48 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 4.21E-17 | 6.07E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 344 249TH ST | 35 | 5 | 0.09 | 0.78 | 0.128 | 0.09 | 0.13 | 0.0219 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 345 249TH ST | 93 | 46 | 0.01 | 1.93 | 0.671 | 0.19 | 0.64 | 0.0664 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 347 244TH ST | 32 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.41E-17 | 2.49E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 248TH ST | 49 | 4 | 0.09 | 0.18 | 0.0929 | 0.09 | 0.0134 | 0.00191 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 249TH ST | 51 | 10 | 0.09 | 0.22 | 0.102 | 0.09 | 0.0277 | 0.00387 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 351 244TH ST | 32 | 6 | 0.01 | 0.4 | 0.0897 | 0.09 | 0.0689 | 0.0122 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 352 249TH ST | 32 | 6 | 0.01 | 0.47 | 0.0922 | 0.09 | 0.0796 | 0.0141 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 353 249TH ST | 32 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.41E-17 | 2.49E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 354 248TH ST | 39 | 9 | 0.09 | 0.79 | 0.134 | 0.09 | 0.133 | 0.0214 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 244TH ST | 40 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 4.22E-17 | 6.67E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 249TH ST | 24 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.84E-17 | 5.79E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 358 249TH ST | 43 | 3 | 0.09 | 0.2 | 0.0944 | 0.09 | 0.0205 | 0.00313 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 360 248TH ST | 48 | 15 | 0.16 | 0.74 | 0.288 | 0.27 | 0.0796 | 0.0115 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 361 244TH ST | 23 | 2 | 0.01 | 0.09 | 0.0691 | 0.09 | 0.0359 | 0.00749 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 362 249TH ST | 25 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 2.83E-17 | 5.67E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 363 249TH ST | 27 | 11 | 0.09 | 2.89 | 0.357 | 0.09 | 0.584 | 0.112 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 364 248TH ST | 48 | 11 | 0.09 | 0.37 | 0.127 | 0.09 | 0.0693 | 0.01 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 244TH ST | 13 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 249TH ST | 46 | 11 | 0.09 | 0.32 | 0.121 | 0.09 | 0.0474 | 0.00699 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 368 249TH ST | 55 | 7 | 0.09 | 0.33 | 0.0995 | 0.09 | 0.0364 | 0.00491 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 373 249TH ST | 42 | 10 | 0.09 | 0.56 | 0.181 | 0.09 | 0.144 | 0.0222 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 248TH ST | 120 | 15 | 0.09 | 1.88 | 0.128 | 0.09 | 0.184 | 0.0168 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 249TH ST | 27 | 6 | 0.09 | 0.33 | 0.112 | 0.09 | 0.0634 | 0.0122 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 244TH ST | 32 | 8 | 0.09 | 0.47 | 0.118 | 0.09 | 0.0749 | 0.0132 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 249TH ST | 33 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.41E-17 | 2.45E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 378 249TH ST | 41 | 5 | 0.09 | 0.27 | 0.098 | 0.09 | 0.0308 | 0.00482 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 383 249TH ST | 32 | 1 | 0.09 | 0.09 | 0.09 | 0.09 | 1.41E-17 | 2.49E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 402 249TH ST | 32 | 8 | 0.09 | 0.53 | 0.12 | 0.09 | 0.083 | 0.0147 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 408 249TH ST | 24 | 8 | 0.09 | 1.34 | 0.208 | 0.09 | 0.279 | 0.057 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 412 249TH ST | 77 | 14 | 0.01 | 0.29 | 0.101 | 0.09 | 0.0496 | 0.00565 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One SampleProportion Test Results - Cobalt (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24401 MARBELLA AVE | 33 | 29 | 7.51 | 16 | 11.25 | 10.9 | 2.138 | 0.372 | 15 | 0.455 | 1.34E-11 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24402 NEPTUNE AVE | 48 | 42 | 7.29 | 14 | 9.713 | 9.755 | 1.316 | 0.19 | 8 | 0.167 | 0.00245 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24402 PANAMA AVE | 127 | 87 | 2.58 | 16.5 | 10.96 | 11.4 | 2.776 | 0.246 | 71 | 0.559 | | Reject H0, Conclude Site Proportion > 0.05 | |
| 24402 RAVENNA AVE | 40 | 33 | 7.47 | 18.4 | 10.53 | 10.1 | 2.18 | 0.345 | 13 | 0.325 | 4.09E-08 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24403 NEPTUNE AVE | 46 | 40 | 7.29 | 19 | 10.25 | 9.805 | 2.372 | 0.35 | 12 | 0.261 | 1.92E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24403 RAVENNA AVE | 62 | 50 | 5.24 | 17.3 | 10.07 | 9.925 | 1.759 | 0.223 | 13 | 0.21 | 1.00E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24405 MARBELLA AVE | 25 | 24 | 7.39 | 16.5 | 11.36 | 10.8 | 2.561 | 0.512 | 12 | 0.48 | 6.88E-10 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24406 MARBELLA AVE | 40 | 33 | 6.29 | 15 | 10.34 | 10.3 | 2.025 | 0.32 | 14 | 0.35 | 4.10E-09 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24406 NEPTUNE AVE | 28 | 27 | 7.26 | 14.1 | 9.709 | 9.305 | 1.745 | 0.33 | 6 | 0.214 | 0.00227 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24406 PANAMA AVE | 23 | 22 | 4.93 | 15.8 | 9.741 | 10.2 | 2.729 | 0.569 | 7 | 0.304 | 9.40E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24406 RAVENNA AVE | 26 | 24 | 6.51 | 12 | 9.219 | 9.21 | 1.238 | 0.243 | 3 | 0.115 | 0.139 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 NEPTUNE AVE | 24 | 22 | 6.49 | 10.8 | 8.915 | 9.135 | 1.19 | 0.243 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 RAVENNA AVE | 33 | 28 | 6.67 | 12.6 | 9.54 | 9.45 | 1.491 | 0.259 | 6 | 0.182 | 0.00539 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24410 PANAMA AVE | 33 | 30 | 3.82 | 16.5 | 8.864 | 8.96 | 2.759 | 0.48 | 6 | 0.182 | 0.00539 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24411 MARBELLA AVE | 69 | 46 | 5.72 | 15.1 | 10.83 | 11 | 1.761 | 0.212 | 35 | 0.507 | 3.00E-27 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24411 PANAMA AVE | 37 | 34 | 6.46 | 14.8 | 10.29 | 9.8 | 2.027 | 0.333 | 13 | 0.351 | 1.39E-08 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24412 MARBELLA AVE | 31 | 28 | 7.8 | 31.3 | 12.01 | 11.3 | 4.148 | 0.745 | 17 | 0.548 | 1.03E-14 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24412 RAVENNA AVE | 61 | 47 | 6.85 | 13.9 | 9.536 | 9.2 | 1.737 | 0.222 | 16 | 0.262 | 3.57E-08 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24413 NEPTUNE AVE | 24 | 23 | 7.32 | 11.7 | 8.878 | 8.685 | 1.221 | 0.249 | 1 | 0.0417 | 0.708 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 RAVENNA AVE | 28 | 28 | 5.19 | 13.5 | 8.782 | 8.585 | 2.023 | 0.382 | 4 | 0.143 | 0.0491 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24416 MARBELLA AVE | 50 | 41 | 5.38 | 21.5 | 10.31 | 9.915 | 2.962 | 0.419 | 16 | 0.32 | 1.47E-09 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24416 NEPTUNE AVE | 21 | 18 | 6.5 | 10.8 | 9.17 | 9.8 | 1.39 | 0.303 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 PANAMA AVE | 33 | 33 | 4.41 | 12.2 | 8.582 | 8.38 | 2.154 | 0.375 | 7 | 0.212 | 0.00106 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24416 RAVENNA AVE | 42 | 38 | 6.2 | 13.5 | 9.274 | 9.115 | 1.566 | 0.242 | 4 | 0.0952 | 0.157 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 MARBELLA AVE | 8 | 7 | 9.75 | 13.9 | 11.46 | 11.45 | 1.34 | 0.474 | 5 | 0.625 | 1.54E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24417 PANAMA AVE | 47 | 43 | 4.63 | 13.6 | 9.306 | 9.22 | 1.816 | 0.265 | 9 | 0.191 | 0.00047065 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24419 NEPTUNE AVE | 32 | 28 | 6.54 | 11.2 | 8.927 | 8.805 | 1.215 | 0.215 | 2 | 0.0625 | 0.48 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 RAVENNA AVE | 32 | 32 | 5.84 | 14.4 | 8.411 | 8.275 | 1.876 | 0.332 | 3 | 0.0938 | 0.214 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24420 PANAMA AVE | 33 | 32 | 2.68 | 11.5 | 7.664 | 7.68 | 1.936 | 0.337 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24421 PANAMA AVE | 30 | 30 | 5.13 | 13.5 | 8.757 | 8.385 | 1.956 | 0.357 | 4 | 0.133 | 0.0608 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 MARBELLA AVE | 43 | 41 | 5 | 14.1 | 8.791 | 8.67 | 1.723 | 0.263 | 4 | 0.093 | 0.167 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 NEPTUNE AVE | 36 | 34 | 6.96 | 11.4 | 9.235 | 9.35 | 1.228 | 0.205 | 3 | 0.0833 | 0.268 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 RAVENNA AVE | 29 | 26 | 6.73 | 11 | 9.209 | 9.16 | 1.121 | 0.208 | 1 | 0.0345 | 0.774 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 MARBELLA AVE | 13 | 13 | 8.43 | 14.7 | 10.94 | 10.7 | 1.679 | 0.466 | 6 | 0.462 | 1.98E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24423 NEPTUNE AVE | 37 | 31 | 6.3 | 12.8 | 9.087 | 8.94 | 1.605 | 0.264 | 3 | 0.0811 | 0.282 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 RAVENNA AVE | 40 | 38 | 5.53 | 13.5 | 8.318 | 8.165 | 1.794 | 0.284 | 5 | 0.125 | 0.048 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24426 MARBELLA AVE | 24 | 22 | 5.68 | 12.4 | 8.758 | 8.71 | 1.603 | 0.327 | 2 | 0.0833 | 0.339 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 NEPTUNE AVE | 30 | 30 | 5.9 | 12.2 | 9.204 | 9.08 | 1.652 | 0.302 | 5 | 0.167 | 0.0156 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24426 PANAMA AVE | 30 | 30 | 2.7 | 14.2 | 8.907 | 9.15 | 2.776 | 0.507 | 8 | 0.267 | 8.46E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24426 RAVENNA AVE | 49 | 45 | 5.68 | 15.3 | 9.289 | 9.06 | 1.915 | 0.274 | 9 | 0.184 | 0.00064845 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24427 MARBELLA AVE | 25 | 22 | 7.02 | 15.5 | 12.36 | 13.1 | 2.314 | 0.463 | 19 | 0.76 | 2.52E-20 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24427 PANAMA AVE | 38 | 36 | 6.23 | 13.8 | 9.381 | 9.51 | 1.612 | 0.262 | 6 | 0.158 | 0.0109 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24429 NEPTUNE AVE | 19 | 17 | 7.38 | 11.3 | 9.208 | 9.03 | 1.079 | 0.247 | 1 | 0.0526 | 0.623 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 RAVENNA AVE | 29 | 29 | 5.14 | 11.5 | 8.237 | 8.16 | 1.386 | 0.257 | 2 | 0.069 | 0.429 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24430 PANAMA AVE | 30 | 29 | 2.37 | 12.1 | 7.701 | 8.315 | 2.47 | 0.451 | 2 | 0.0667 | 0.446 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24431 PANAMA AVE | 35 | 27 | 6.8 | 12.7 | 10.02 | 9.91 | 1.422 | 0.24 | 8 | 0.229 | 0.00027214 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24432 MARBELLA AVE | 67 | 60 | 6.36 | 13.6 | 9.214 | 9.12 | 1.464 | 0.179 | 6 | 0.0896 | 0.118 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24433 MARBELLA AVE | 27 | 23 | 7.04 | 16.5 | 12.13 | 11.7 | 2.204 | 0.424 | 18 | 0.667 | 1.16E-17 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24436 PANAMA AVE | 35 | 33 | 1.84 | 11.7 | 7.019 | 7.27 | 2.411 | 0.408 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 MARBELLA AVE | 51 | 47 | 5.7 | 13 | 9.274 | 9.29 | 1.772 | 0.248 | 11 | 0.216 | 3.61E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24502 NEPTUNE AVE | 58 | 53 | 4.33 | 11.7 | 7.525 | 7.415 | 1.512 | 0.199 | 2 | 0.0345 | 0.793 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 PANAMA AVE | 48 | 46 | 1.27 | 12.7 | 7.15 | 7.42 | 2.371 | 0.342 | 1 | 0.0208 | 0.915 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 RAVENNA AVE | 44 | 42 | 5.86 | 12.3 | 8.278 | 8.015 | 1.291 | 0.195 | 1 | 0.0227 | 0.895 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 MARBELLA AVE | 29 | 22 | 9.36 | 24.9 | 12.66 | 11.7 | 3.494 | 0.649 | 20 | 0.69 | 6.16E-20 | Reject H0, Conclude Site Proportion > 0.05 | |

| One SampleProportion Test Results - Cobalt (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24503 NEPTUNE AVE | 60 | 50 | 2.58 | 14.5 | 9.3 | 9.395 | 1.589 | 0.205 | 4 | 0.0667 | 0.353 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 PANAMA AVE | 28 | 25 | 4.4 | 11.9 | 9.228 | 9.395 | 1.737 | 0.328 | 3 | 0.107 | 0.163 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 RAVENNA AVE | 34 | 32 | 4.9 | 13.5 | 8.324 | 8.085 | 1.836 | 0.315 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24506 MARBELLA AVE | 36 | 33 | 5.35 | 17.1 | 9.615 | 9.455 | 2.119 | 0.353 | 6 | 0.167 | 0.00834 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24507 MARBELLA AVE | 36 | 28 | 9.43 | 17.5 | 13.2 | 13.15 | 1.86 | 0.31 | 33 | 0.917 | 7.16E-40 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24508 NEPTUNE AVE | 40 | 39 | 5.93 | 11.5 | 8.675 | 8.605 | 1.263 | 0.2 | 2 | 0.05 | 0.601 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 PANAMA AVE | 24 | 24 | 1.98 | 12 | 7.505 | 8.22 | 2.971 | 0.606 | 3 | 0.125 | 0.116 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 RAVENNA AVE | 39 | 37 | 6.59 | 11.7 | 9.003 | 8.76 | 1.523 | 0.244 | 7 | 0.179 | 0.00292 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24509 NEPTUNE AVE | 31 | 28 | 3.24 | 11.3 | 8.098 | 7.86 | 1.649 | 0.296 | 1 | 0.0323 | 0.796 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 PANAMA AVE | 47 | 43 | 6.01 | 11.7 | 8.519 | 8.35 | 1.298 | 0.189 | 1 | 0.0213 | 0.91 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 RAVENNA AVE | 37 | 37 | 6.08 | 11.6 | 8.395 | 8.27 | 1.39 | 0.229 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 MARBELLA AVE | 48 | 39 | 7.49 | 16.9 | 10.3 | 10.25 | 2.004 | 0.289 | 17 | 0.354 | 7.26E-11 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24512 NEPTUNE AVE | 36 | 32 | 6.64 | 15.2 | 9.001 | 8.625 | 1.67 | 0.278 | 4 | 0.111 | 0.104 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 PANAMA AVE | 28 | 28 | 1.89 | 10.9 | 6.515 | 7.24 | 2.909 | 0.55 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 RAVENNA AVE | 46 | 41 | 5.14 | 12.2 | 8.452 | 8.54 | 1.453 | 0.214 | 1 | 0.0217 | 0.906 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 NEPTUNE AVE | 37 | 31 | 5.83 | 16.4 | 9.219 | 9.41 | 1.945 | 0.32 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 PANAMA AVE | 51 | 49 | 4.82 | 10.3 | 7.64 | 7.47 | 1.299 | 0.182 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 RAVENNA AVE | 30 | 29 | 5.96 | 12.6 | 8.614 | 8.36 | 1.81 | 0.331 | 4 | 0.133 | 0.0608 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24516 MARBELLA AVE | 30 | 26 | 6.46 | 11.6 | 9.017 | 9.13 | 1.433 | 0.262 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24517 MARBELLA AVE | 12 | 12 | 9.82 | 18.4 | 11.97 | 11.15 | 2.336 | 0.674 | 8 | 0.667 | 1.61E-08 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24518 NEPTUNE AVE | 45 | 43 | 6.25 | 16.3 | 8.784 | 8.35 | 1.962 | 0.292 | 6 | 0.133 | 0.0239 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24518 PANAMA AVE | 42 | 41 | 1.3 | 11.2 | 6.54 | 7.745 | 2.893 | 0.446 | 1 | 0.0238 | 0.884 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 RAVENNA AVE | 30 | 29 | 6.04 | 10.7 | 8.314 | 8.59 | 1.397 | 0.255 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 NEPTUNE AVE | 35 | 33 | 6.95 | 11.3 | 8.877 | 8.83 | 1.231 | 0.208 | 3 | 0.0857 | 0.254 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 PANAMA AVE | 30 | 30 | 2.46 | 11.9 | 7.73 | 8.045 | 1.965 | 0.359 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 MARBELLA AVE | 27 | 23 | 4.99 | 18.6 | 11.28 | 11.6 | 2.719 | 0.523 | 17 | 0.63 | 3.97E-16 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24522 NEPTUNE AVE | 28 | 23 | 6.44 | 11.3 | 9.175 | 9.015 | 1.441 | 0.272 | 5 | 0.179 | 0.0117 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24522 PANAMA AVE | 36 | 35 | 1.19 | 10.6 | 6.35 | 6.99 | 2.918 | 0.486 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 RAVENNA AVE | 35 | 35 | 1.56 | 14 | 7.713 | 7.81 | 2.373 | 0.401 | 2 | 0.0571 | 0.528 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 MARBELLA AVE | 45 | 35 | 5.02 | 15.7 | 10.37 | 10.9 | 2.158 | 0.322 | 22 | 0.489 | 3.18E-17 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24523 NEPTUNE AVE | 37 | 34 | 7.09 | 13.6 | 9.519 | 9.18 | 1.663 | 0.273 | 5 | 0.135 | 0.0359 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24523 RAVENNA AVE | 17 | 16 | 6.01 | 10.7 | 7.899 | 7.74 | 1.147 | 0.278 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24526 MARBELLA AVE | 36 | 28 | 5.26 | 16 | 10.56 | 10.9 | 2.353 | 0.392 | 17 | 0.472 | 2.62E-13 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24528 NEPTUNE AVE | 31 | 30 | 2.4 | 17.6 | 6.85 | 6.44 | 2.888 | 0.519 | 1 | 0.0323 | 0.796 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 PANAMA AVE | 39 | 38 | 1.6 | 15.7 | 6.17 | 6.58 | 2.483 | 0.398 | 1 | 0.0256 | 0.865 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 NEPTUNE AVE | 32 | 30 | 5.97 | 16.2 | 8.665 | 8.23 | 2.065 | 0.365 | 3 | 0.0938 | 0.214 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 PANAMA AVE | 24 | 23 | 1.2 | 9.54 | 6.535 | 6.755 | 2.463 | 0.503 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 RAVENNA AVE | 26 | 26 | 2.13 | 11.2 | 7.319 | 7.815 | 2.285 | 0.448 | 1 | 0.0385 | 0.736 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 MARBELLA AVE | 27 | 23 | 4.72 | 18.3 | 10.59 | 10.9 | 2.872 | 0.553 | 13 | 0.481 | 1.26E-10 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24532 NEPTUNE AVE | 21 | 21 | 3.13 | 14.9 | 6.856 | 6.03 | 3.08 | 0.672 | 3 | 0.143 | 0.0849 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 PANAMA AVE | 23 | 21 | 2.68 | 7.63 | 6.083 | 6.45 | 1.176 | 0.245 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 RAVENNA AVE | 29 | 29 | 1.98 | 11.5 | 7.198 | 7.5 | 2.734 | 0.508 | 1 | 0.0345 | 0.774 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 MARBELLA AVE | 25 | 24 | 7.05 | 16.4 | 10.54 | 10.3 | 1.989 | 0.398 | 10 | 0.4 | 1.59E-07 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24533 PANAMA AVE | 29 | 28 | 1.69 | 10.3 | 6.412 | 6.61 | 2.082 | 0.387 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 RAVENNA AVE | 52 | 51 | 1.91 | 11.8 | 6.827 | 7.22 | 2.468 | 0.342 | 1 | 0.0192 | 0.931 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 MARBELLA AVE | 34 | 30 | 5.62 | 16.4 | 9.792 | 9.755 | 2.18 | 0.374 | 9 | 0.265 | 3.26E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24602 NEPTUNE AVE | 33 | 32 | 3.55 | 11.9 | 6.995 | 6.81 | 2.05 | 0.357 | 2 | 0.0606 | 0.496 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 PANAMA AVE | 40 | 39 | 1.49 | 8.81 | 6.256 | 6.41 | 1.408 | 0.223 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 RAVENNA AVE | 28 | 26 | 2.62 | 11.8 | 7.345 | 7.165 | 2.425 | 0.458 | 2 | 0.0714 | 0.412 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 MARBELLA AVE | 26 | 25 | 7.32 | 15.7 | 10.8 | 11.25 | 2.117 | 0.415 | 15 | 0.577 | 1.39E-13 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24603 NEPTUNE AVE | 49 | 47 | 2.52 | 12.6 | 7.407 | 7.42 | 2.199 | 0.314 | 2 | 0.0408 | 0.71 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 PANAMA AVE | 30 | 30 | 4.55 | 12.8 | 6.895 | 6.72 | 1.68 | 0.307 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 RAVENNA AVE | 31 | 31 | 2.6 | 13.3 | 6.503 | 6.77 | 2.392 | 0.43 | 1 | 0.0323 | 0.796 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24606 MARBELLA AVE | 63 | 55 | 3.04 | 14.7 | 9.311 | 10.1 | 2.893 | 0.365 | 18 | 0.286 | 1.12E-09 | Reject H0, Conclude Site Proportion > 0.05 | |

| One SampleProportion Test Results - Cobalt (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24607 MARBELLA AVE | 31 | 29 | 1.31 | 15.8 | 9.483 | 10.5 | 3.21 | 0.577 | 12 | 0.387 | 1.41E-08 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24608 NEPTUNE AVE | 37 | 37 | 2.88 | 9.76 | 6.528 | 6.4 | 1.83 | 0.301 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 PANAMA AVE | 22 | 21 | 3.11 | 8.31 | 6.138 | 5.895 | 1.112 | 0.237 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 RAVENNA AVE | 40 | 39 | 2.38 | 9.16 | 6.391 | 6.745 | 1.802 | 0.285 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 NEPTUNE AVE | 30 | 30 | 3.43 | 15.6 | 8.121 | 8.065 | 2.309 | 0.422 | 2 | 0.0667 | 0.446 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 PANAMA AVE | 34 | 33 | 2.69 | 13 | 6.845 | 6.625 | 1.949 | 0.334 | 1 | 0.0294 | 0.825 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 RAVENNA AVE | 45 | 42 | 2.19 | 10.7 | 6.335 | 5.98 | 1.807 | 0.269 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 MARBELLA AVE | 51 | 43 | 5.09 | 15.1 | 10.14 | 10.7 | 2.704 | 0.379 | 23 | 0.451 | 5.94E-17 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24612 NEPTUNE AVE | 47 | 43 | 3.42 | 9.86 | 6.726 | 6.91 | 1.456 | 0.212 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 PANAMA AVE | 33 | 32 | 4.63 | 8.68 | 6.559 | 6.31 | 0.912 | 0.159 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 RAVENNA AVE | 46 | 44 | 2.99 | 9.79 | 6.233 | 6.54 | 1.503 | 0.222 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 MARBELLA AVE | 52 | 42 | 6.88 | 26 | 11.66 | 11.65 | 3.132 | 0.434 | 32 | 0.615 | 1.09E-28 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24613 NEPTUNE AVE | 39 | 39 | 5.33 | 12.1 | 8.436 | 8.42 | 1.299 | 0.208 | 1 | 0.0256 | 0.865 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 PANAMA AVE | 51 | 46 | 3.5 | 12.1 | 6.679 | 6.25 | 1.557 | 0.218 | 2 | 0.0392 | 0.731 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 RAVENNA AVE | 33 | 33 | 4.34 | 10.1 | 6.869 | 6.57 | 1.383 | 0.241 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24616 MARBELLA AVE | 46 | 41 | 3.17 | 13.1 | 8.458 | 8.52 | 2.678 | 0.395 | 9 | 0.196 | 0.00039808 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24617 MARBELLA AVE | 34 | 30 | 5.01 | 19.3 | 12.03 | 11.5 | 3.183 | 0.546 | 21 | 0.618 | 2.34E-19 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24618 NEPTUNE AVE | 26 | 26 | 6.32 | 8.22 | 7.076 | 7.035 | 0.627 | 0.123 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 PANAMA AVE | 28 | 28 | 4.38 | 9.95 | 6.469 | 6.205 | 1.305 | 0.247 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 RAVENNA AVE | 40 | 39 | 4.31 | 9.34 | 6.714 | 6.275 | 1.352 | 0.214 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 NEPTUNE AVE | 28 | 27 | 5.87 | 11 | 8.126 | 8.035 | 1.21 | 0.229 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 PANAMA AVE | 38 | 37 | 3.3 | 8.66 | 6.342 | 6.44 | 1.269 | 0.206 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 RAVENNA AVE | 35 | 35 | 4.37 | 9.31 | 6.941 | 6.91 | 1.206 | 0.204 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 MARBELLA AVE | 53 | 48 | 2.6 | 15.5 | 9.119 | 9.14 | 3.154 | 0.433 | 19 | 0.358 | 4.36E-12 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24622 NEPTUNE AVE | 34 | 32 | 5.33 | 13.2 | 7.614 | 7.115 | 1.758 | 0.301 | 3 | 0.0882 | 0.241 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 MARBELLA AVE | 32 | 26 | 5.23 | 18.6 | 11.38 | 11.7 | 2.292 | 0.405 | 21 | 0.656 | 3.59E-20 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24623 NEPTUNE AVE | 36 | 33 | 6.38 | 9.91 | 8.423 | 8.41 | 0.839 | 0.14 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24627 MARBELLA AVE | 48 | 45 | 5.61 | 21 | 11.52 | 11.3 | 2.866 | 0.414 | 27 | 0.563 | 5.89E-23 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24628 MARBELLA AVE | 52 | 48 | 2.65 | 17.7 | 9.115 | 9.04 | 3.633 | 0.504 | 16 | 0.308 | 2.80E-09 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24628 NEPTUNE AVE | 18 | 18 | 5.41 | 9.22 | 6.752 | 6.39 | 1.064 | 0.251 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24629 NEPTUNE AVE | 39 | 37 | 5.78 | 10.8 | 8.141 | 7.89 | 1.165 | 0.186 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24632 NEPTUNE AVE | 20 | 20 | 3.65 | 11.8 | 7.366 | 7.065 | 1.628 | 0.364 | 1 | 0.05 | 0.642 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24633 MARBELLA AVE | 40 | 34 | 6.16 | 24.6 | 11.33 | 10.95 | 3.426 | 0.542 | 20 | 0.5 | 4.96E-16 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24700 MARBELLA AVE | 46 | 42 | 2.78 | 12.6 | 8.636 | 8.63 | 2.05 | 0.302 | 6 | 0.13 | 0.0263 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24700 RAVENNA AVE | 56 | 54 | 5.43 | 13.5 | 6.914 | 6.565 | 1.263 | 0.169 | 1 | 0.0179 | 0.943 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 NEPTUNE AVE | 46 | 43 | 4.81 | 9.09 | 7.212 | 7.115 | 0.779 | 0.115 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 PANAMA AVE | 30 | 30 | 5.52 | 11 | 6.655 | 6.435 | 1.051 | 0.192 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 MARBELLA AVE | 36 | 34 | 4.62 | 18.8 | 9.842 | 9.74 | 2.916 | 0.486 | 12 | 0.333 | 9.87E-08 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24703 NEPTUNE AVE | 39 | 39 | 6.23 | 11.2 | 8.36 | 8.48 | 1.115 | 0.178 | 1 | 0.0256 | 0.865 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 RAVENNA AVE | 53 | 47 | 5.42 | 9.65 | 7.686 | 7.66 | 1.052 | 0.145 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 MARBELLA AVE | 43 | 40 | 3.08 | 12.9 | 8.38 | 8.71 | 2.278 | 0.347 | 6 | 0.14 | 0.0194 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24706 RAVENNA AVE | 33 | 33 | 5.4 | 9.46 | 7.303 | 7.46 | 1.13 | 0.197 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24707 MARBELLA AVE | 37 | 35 | 5.31 | 13.1 | 8.539 | 7.86 | 2.226 | 0.366 | 8 | 0.216 | 0.00040828 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24708 PANAMA AVE | 37 | 34 | 3.95 | 12.8 | 7.089 | 6.99 | 1.526 | 0.251 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 NEPTUNE AVE | 37 | 37 | 5.96 | 9.32 | 7.762 | 7.89 | 0.947 | 0.156 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 PANAMA AVE | 43 | 41 | 5.18 | 9.42 | 6.964 | 6.87 | 0.869 | 0.133 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 RAVENNA AVE | 52 | 50 | 5.65 | 9.7 | 7.338 | 7.4 | 1.039 | 0.144 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24710 MARBELLA AVE | 43 | 41 | 3.18 | 14 | 9.045 | 8.75 | 2.526 | 0.385 | 11 | 0.256 | 6.31E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24712 NEPTUNE AVE | 32 | 30 | 5.49 | 9.25 | 7.134 | 7.03 | 0.904 | 0.16 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 PANAMA AVE | 27 | 27 | 4.16 | 13.6 | 7.477 | 7.18 | 1.771 | 0.341 | 1 | 0.037 | 0.75 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 RAVENNA AVE | 45 | 43 | 4.96 | 9.29 | 6.601 | 6.46 | 0.835 | 0.125 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 MARBELLA AVE | 37 | 33 | 4.19 | 14.3 | 8.721 | 8.62 | 2.9 | 0.477 | 10 | 0.27 | 9.76E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24713 PANAMA AVE | 34 | 33 | 4.2 | 9.36 | 7.284 | 7.31 | 1.256 | 0.215 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 RAVENNA AVE | 35 | 34 | 4.94 | 9.56 | 6.805 | 6.89 | 1.079 | 0.182 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One SampleProportion Test Results - Cobalt (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24715 NEPTUNE AVE | 37 | 37 | 5.15 | 10.9 | 8.273 | 8.34 | 1.228 | 0.202 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 MARBELLA AVE | 30 | 28 | 5.04 | 12 | 8.599 | 9.18 | 2.23 | 0.407 | 5 | 0.167 | 0.0156 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24716 RAVENNA AVE | 15 | 15 | 4.8 | 7.23 | 6.065 | 6.08 | 0.742 | 0.191 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24717 MARBELLA AVE | 38 | 37 | 4.68 | 17 | 8.555 | 7.36 | 3.181 | 0.516 | 6 | 0.158 | 0.0109 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24718 NEPTUNE AVE | 65 | 61 | 5.02 | 11.3 | 6.952 | 6.49 | 1.345 | 0.167 | 1 | 0.0154 | 0.964 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 PANAMA AVE | 33 | 31 | 5.09 | 9.58 | 6.908 | 6.74 | 0.971 | 0.169 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 NEPTUNE AVE | 33 | 33 | 3.33 | 12.1 | 7.824 | 7.96 | 1.769 | 0.308 | 2 | 0.0606 | 0.496 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 PANAMA AVE | 28 | 28 | 5.4 | 9.49 | 7.026 | 6.85 | 0.885 | 0.167 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 RAVENNA AVE | 45 | 44 | 5.03 | 10.8 | 7.171 | 7.13 | 1.431 | 0.213 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 MARBELLA AVE | 34 | 32 | 4.04 | 12.1 | 8.061 | 7.76 | 1.9 | 0.326 | 3 | 0.0882 | 0.241 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 NEPTUNE AVE | 40 | 39 | 1.44 | 11.1 | 6.617 | 6.5 | 1.535 | 0.243 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 PANAMA AVE | 18 | 17 | 4.27 | 10.2 | 6.326 | 6.22 | 1.447 | 0.341 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 RAVENNA AVE | 41 | 36 | 3.7 | 9.69 | 6.24 | 6.21 | 0.997 | 0.156 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 MARBELLA AVE | 22 | 22 | 2.05 | 12.4 | 7.576 | 7.235 | 2.661 | 0.567 | 4 | 0.182 | 0.0222 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24723 RAVENNA AVE | 37 | 35 | 5.1 | 8.56 | 6.449 | 6.29 | 0.895 | 0.147 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24725 NEPTUNE AVE | 35 | 34 | 4.99 | 9.02 | 6.657 | 6.34 | 1.117 | 0.189 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 MARBELLA AVE | 49 | 44 | 2.59 | 12.9 | 8.94 | 9.01 | 2.62 | 0.374 | 12 | 0.245 | 3.96E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24726 RAVENNA AVE | 37 | 35 | 2.63 | 11 | 6.235 | 6.21 | 1.378 | 0.226 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24727 MARBELLA AVE | 40 | 38 | 2.37 | 13.7 | 7.482 | 7.37 | 2.567 | 0.406 | 2 | 0.05 | 0.601 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 NEPTUNE AVE | 33 | 29 | 3.83 | 9.02 | 6.409 | 6.13 | 1.198 | 0.209 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 PANAMA AVE | 31 | 30 | 4.14 | 14.7 | 7.181 | 6.95 | 1.839 | 0.33 | 1 | 0.0323 | 0.796 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 NEPTUNE AVE | 35 | 34 | 4.56 | 13.1 | 7.076 | 6.74 | 1.585 | 0.268 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 PANAMA AVE | 34 | 33 | 5.49 | 9.76 | 6.884 | 6.7 | 0.869 | 0.149 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 RAVENNA AVE | 16 | 15 | 5.31 | 8.81 | 6.452 | 6.27 | 0.834 | 0.209 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 MARBELLA AVE | 37 | 34 | 1.24 | 12.4 | 7.308 | 7.2 | 2.683 | 0.441 | 3 | 0.0811 | 0.282 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 NEPTUNE AVE | 35 | 33 | 5.17 | 11.3 | 7.15 | 6.84 | 1.45 | 0.245 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 PANAMA AVE | 33 | 32 | 4.88 | 9.13 | 6.996 | 7.24 | 1.186 | 0.206 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 RAVENNA AVE | 42 | 39 | 5.18 | 8.83 | 6.445 | 6.2 | 0.924 | 0.143 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 MARBELLA AVE | 32 | 28 | 1.81 | 12.3 | 7.166 | 6.89 | 2.989 | 0.528 | 5 | 0.156 | 0.0204 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24733 PANAMA AVE | 38 | 37 | 5.74 | 9.65 | 7.399 | 7.36 | 0.989 | 0.16 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 RAVENNA AVE | 40 | 40 | 5.14 | 8.9 | 6.443 | 6.26 | 0.828 | 0.131 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24735 NEPTUNE AVE | 36 | 35 | 3.74 | 10.6 | 6.758 | 6.245 | 1.385 | 0.231 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 MARBELLA AVE | 52 | 46 | 3.13 | 13.9 | 8.345 | 8.65 | 2.505 | 0.347 | 6 | 0.115 | 0.0445 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24736 RAVENNA AVE | 43 | 40 | 5.85 | 8.3 | 7.021 | 7.03 | 0.65 | 0.0991 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24737 MARBELLA AVE | 28 | 28 | 5.19 | 12.6 | 7.858 | 7.125 | 2.132 | 0.403 | 3 | 0.107 | 0.163 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 NEPTUNE AVE | 51 | 50 | 5.5 | 9.36 | 6.915 | 6.77 | 0.915 | 0.128 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 PANAMA AVE | 32 | 32 | 3.84 | 9.16 | 6.014 | 5.91 | 1.381 | 0.244 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 NEPTUNE AVE | 41 | 38 | 4.81 | 9.73 | 6.656 | 6.4 | 1.011 | 0.158 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 PANAMA AVE | 43 | 41 | 5.05 | 9.69 | 7 | 7.04 | 1.242 | 0.189 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 RAVENNA AVE | 42 | 40 | 2.44 | 7.92 | 6.455 | 6.535 | 0.98 | 0.151 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24740 MARBELLA AVE | 64 | 62 | 3.34 | 12.9 | 7.622 | 7.205 | 2.071 | 0.259 | 3 | 0.0469 | 0.627 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24741 MARBELLA AVE | 12 | 11 | 4.34 | 10.2 | 7.718 | 7.505 | 1.615 | 0.466 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24743 RAVENNA AVE | 42 | 36 | 5.79 | 8.27 | 7.064 | 7.055 | 0.625 | 0.0965 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24744 MARBELLA AVE | 25 | 25 | 4.06 | 15.7 | 7.533 | 6.94 | 2.469 | 0.494 | 2 | 0.08 | 0.358 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24748 RAVENNA AVE | 24 | 22 | 6.01 | 8.09 | 7.04 | 7.05 | 0.476 | 0.0973 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24749 RAVENNA AVE | 43 | 40 | 5.43 | 12.9 | 6.962 | 6.92 | 1.129 | 0.172 | 1 | 0.0233 | 0.89 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24752 RAVENNA AVE | 45 | 40 | 5.56 | 10.2 | 6.931 | 6.83 | 1.04 | 0.155 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24802 PANAMA AVE | 47 | 43 | 4.54 | 10.3 | 6.691 | 6.86 | 1.454 | 0.212 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 NEPTUNE AVE | 32 | 30 | 4.68 | 9.98 | 6.468 | 6.16 | 1.102 | 0.195 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 PANAMA AVE | 18 | 18 | 4.79 | 10.1 | 6.121 | 5.75 | 1.31 | 0.309 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 NEPTUNE AVE | 27 | 26 | 5.52 | 8.33 | 6.449 | 6.27 | 0.741 | 0.143 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 PANAMA AVE | 36 | 34 | 6.23 | 10.9 | 7.498 | 7.32 | 0.899 | 0.15 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24812 PANAMA AVE | 29 | 28 | 4.26 | 8.6 | 6.176 | 6.29 | 1.31 | 0.243 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24813 PANAMA AVE | 15 | 15 | 5.93 | 13.1 | 8.271 | 7.17 | 2.315 | 0.598 | 3 | 0.2 | 0.0362 | Reject H0, Conclude Site Proportion > 0.05 | |

| One SampleProportion Test Results - Cobalt (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24815 NEPTUNE AVE | 30 | 30 | 4.71 | 10 | 6.637 | 6.5 | 1.19 | 0.217 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24818 PANAMA AVE | 34 | 34 | 4.23 | 10.6 | 5.974 | 5.75 | 1.363 | 0.234 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24819 PANAMA AVE | 34 | 32 | 5.04 | 10.7 | 6.734 | 6.62 | 0.924 | 0.158 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24822 PANAMA AVE | 43 | 43 | 4.24 | 9.49 | 6.465 | 6.44 | 1.411 | 0.215 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24823 PANAMA AVE | 39 | 36 | 4.78 | 10.3 | 6.881 | 6.74 | 0.992 | 0.159 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24825 NEPTUNE AVE | 98 | 84 | 5.41 | 9.66 | 6.996 | 6.835 | 0.839 | 0.0847 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24828 PANAMA AVE | 36 | 34 | 3.53 | 9.49 | 6.079 | 6.03 | 1.535 | 0.256 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24829 PANAMA AVE | 48 | 45 | 5.33 | 9.68 | 6.861 | 6.6 | 1.055 | 0.152 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24832 PANAMA AVE | 38 | 37 | 4.88 | 14 | 7.139 | 6.85 | 1.859 | 0.302 | 2 | 0.0526 | 0.573 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24833 PANAMA AVE | 43 | 40 | 5.23 | 10.9 | 7.023 | 6.52 | 1.52 | 0.232 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24838 PANAMA AVE | 28 | 27 | 4.69 | 9.97 | 6.698 | 6.49 | 1.33 | 0.251 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24904 NEPTUNE AVE | 74 | 65 | 2.23 | 9.79 | 6.942 | 6.935 | 1.016 | 0.118 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24912 NEPTUNE AVE | 36 | 34 | 4.76 | 8.89 | 6.281 | 5.93 | 1.193 | 0.199 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 301 244TH ST | 29 | 27 | 2.84 | 17.4 | 10.76 | 10.2 | 3.113 | 0.578 | 12 | 0.414 | 5.69E-09 | Reject H0, Conclude Site Proportion > 0.05 | |
| 305 244TH ST | 54 | 49 | 5.9 | 21.2 | 10.67 | 10.4 | 2.933 | 0.399 | 23 | 0.426 | 2.83E-16 | Reject H0, Conclude Site Proportion > 0.05 | |
| 311 244TH ST | 71 | 58 | 2.36 | 14.2 | 9.165 | 9.35 | 2.34 | 0.278 | 13 | 0.183 | 4.60E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 317 244TH ST | 58 | 42 | 3.8 | 14.6 | 9.875 | 10.2 | 2.2 | 0.289 | 23 | 0.397 | 1.89E-15 | Reject H0, Conclude Site Proportion > 0.05 | |
| 321 244TH ST | 40 | 35 | 6.55 | 21 | 11.55 | 11.15 | 2.878 | 0.455 | 22 | 0.55 | 1.12E-18 | Reject H0, Conclude Site Proportion > 0.05 | |
| 327 244TH ST | 12 | 12 | 8.31 | 12.7 | 10.81 | 10.85 | 1.26 | 0.364 | 5 | 0.417 | 0.00018395 | Reject H0, Conclude Site Proportion > 0.05 | |
| 331 244TH ST | 28 | 24 | 6.7 | 17.7 | 11.18 | 10.9 | 2.465 | 0.466 | 14 | 0.5 | 1.26E-11 | Reject H0, Conclude Site Proportion > 0.05 | |
| 337 244TH ST | 34 | 31 | 5.79 | 13.6 | 9.876 | 9.68 | 2.166 | 0.371 | 10 | 0.294 | 4.22E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 341 244TH ST | 48 | 38 | 6.4 | 17.6 | 10.76 | 11.1 | 2.332 | 0.337 | 25 | 0.521 | 2.97E-20 | Reject H0, Conclude Site Proportion > 0.05 | |
| 344 249TH ST | 35 | 34 | 5.42 | 11 | 7.044 | 6.26 | 1.664 | 0.281 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 345 249TH ST | 93 | 84 | 4.91 | 9.81 | 6.997 | 7.06 | 0.975 | 0.101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 347 244TH ST | 32 | 29 | 6 | 14.6 | 10.4 | 10.45 | 2.241 | 0.396 | 14 | 0.438 | 1.22E-10 | Reject H0, Conclude Site Proportion > 0.05 | |
| 348 248TH ST | 49 | 43 | 5.2 | 8.94 | 6.434 | 6.42 | 0.839 | 0.12 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 249TH ST | 51 | 46 | 4.88 | 10.7 | 6.986 | 6.34 | 1.598 | 0.224 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 351 244TH ST | 32 | 30 | 5.41 | 16 | 10.16 | 10.55 | 2.65 | 0.468 | 13 | 0.406 | 1.72E-09 | Reject H0, Conclude Site Proportion > 0.05 | |
| 352 249TH ST | 32 | 32 | 5.09 | 9.7 | 6.714 | 6.675 | 1.139 | 0.201 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 353 249TH ST | 32 | 30 | 5.06 | 9.14 | 6.913 | 6.9 | 1.055 | 0.187 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 354 248TH ST | 39 | 31 | 5.85 | 7.96 | 6.91 | 6.89 | 0.481 | 0.0771 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 244TH ST | 40 | 33 | 5.16 | 24.1 | 10.59 | 10.5 | 3.345 | 0.529 | 17 | 0.425 | 2.23E-12 | Reject H0, Conclude Site Proportion > 0.05 | |
| 357 249TH ST | 24 | 23 | 5.36 | 9.05 | 7.072 | 6.97 | 1.046 | 0.214 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 358 249TH ST | 43 | 41 | 2.76 | 9.25 | 5.983 | 5.81 | 1.397 | 0.213 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 360 248TH ST | 48 | 43 | 4.67 | 13.9 | 6.894 | 6.76 | 1.341 | 0.194 | 1 | 0.0208 | 0.915 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 361 244TH ST | 23 | 20 | 4.7 | 14.7 | 9.945 | 10.5 | 2.694 | 0.562 | 9 | 0.391 | 8.39E-07 | Reject H0, Conclude Site Proportion > 0.05 | |
| 362 249TH ST | 25 | 24 | 4.62 | 10.9 | 6.858 | 6.45 | 1.682 | 0.336 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 363 249TH ST | 27 | 26 | 5.74 | 7.79 | 6.562 | 6.63 | 0.501 | 0.0964 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 364 248TH ST | 48 | 43 | 5.46 | 8.27 | 6.741 | 6.635 | 0.66 | 0.0952 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 244TH ST | 13 | 13 | 4.13 | 11.3 | 8.985 | 9.52 | 2.234 | 0.62 | 2 | 0.154 | 0.135 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 249TH ST | 46 | 43 | 2.19 | 8.52 | 6.271 | 6.345 | 1.198 | 0.177 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 368 249TH ST | 55 | 52 | 4.61 | 11.2 | 6.622 | 6.18 | 1.36 | 0.183 | 1 | 0.0182 | 0.94 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 373 249TH ST | 42 | 38 | 4.2 | 8.26 | 6.142 | 6.18 | 0.755 | 0.117 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 248TH ST | 120 | 93 | 2.19 | 10.4 | 6.999 | 6.945 | 0.898 | 0.0819 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 249TH ST | 27 | 26 | 3.81 | 9.2 | 6.757 | 6.28 | 1.371 | 0.264 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 244TH ST | 32 | 27 | 6.5 | 14.7 | 11.27 | 11.6 | 1.975 | 0.349 | 20 | 0.625 | 1.20E-18 | Reject H0, Conclude Site Proportion > 0.05 | |
| 377 249TH ST | 33 | 29 | 3.45 | 7.51 | 6.07 | 6.07 | 0.72 | 0.125 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 378 249TH ST | 41 | 38 | 5.07 | 10 | 6.708 | 6.22 | 1.259 | 0.197 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 383 249TH ST | 32 | 30 | 5.01 | 7.48 | 6.065 | 6.02 | 0.656 | 0.116 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 402 249TH ST | 32 | 32 | 5.09 | 10.5 | 6.918 | 6.585 | 1.348 | 0.238 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 408 249TH ST | 24 | 23 | 5.45 | 8.97 | 6.406 | 6.135 | 0.809 | 0.165 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 412 249TH ST | 77 | 71 | 4.44 | 15.3 | 6.958 | 6.17 | 2.422 | 0.276 | 7 | 0.0909 | 0.0903 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Copper (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24401 MARBELLA AVE | 33 | 30 | 8.39 | 41.5 | 21.18 | 19 | 7.862 | 1.369 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 NEPTUNE AVE | 48 | 40 | 9.13 | 26.4 | 14.86 | 14.8 | 3.019 | 0.436 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 PANAMA AVE | 127 | 105 | 3.96 | 47.9 | 19.27 | 18.7 | 7.492 | 0.665 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 RAVENNA AVE | 40 | 33 | 12 | 34.5 | 19.08 | 18.1 | 5.634 | 0.891 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 NEPTUNE AVE | 46 | 40 | 10.2 | 33.4 | 18.17 | 17.5 | 4.84 | 0.714 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 RAVENNA AVE | 62 | 49 | 9.24 | 31.3 | 16.08 | 15.6 | 3.757 | 0.477 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24405 MARBELLA AVE | 25 | 24 | 10.1 | 43.6 | 19.93 | 18.3 | 8.503 | 1.701 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 MARBELLA AVE | 40 | 36 | 10.8 | 31.4 | 19.62 | 20.15 | 4.552 | 0.72 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 NEPTUNE AVE | 28 | 24 | 7.92 | 25.4 | 14.32 | 13.6 | 4.279 | 0.809 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 PANAMA AVE | 23 | 21 | 9.36 | 27.3 | 17.98 | 18.3 | 5.486 | 1.144 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 RAVENNA AVE | 26 | 24 | 10 | 27.2 | 15.84 | 15.1 | 3.897 | 0.764 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 NEPTUNE AVE | 24 | 24 | 8.49 | 37.3 | 16.77 | 15.95 | 6.099 | 1.245 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 RAVENNA AVE | 33 | 30 | 9.45 | 27.5 | 16.39 | 15.6 | 3.73 | 0.649 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24410 PANAMA AVE | 33 | 31 | 8.16 | 36.4 | 14.89 | 14.2 | 5.283 | 0.92 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 MARBELLA AVE | 69 | 54 | 10.3 | 38 | 21.38 | 21.4 | 4.692 | 0.565 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 PANAMA AVE | 37 | 35 | 11.4 | 92.6 | 23.73 | 19.5 | 15.98 | 2.628 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 MARBELLA AVE | 31 | 30 | 10.4 | 1190 | 88.46 | 20.9 | 242.8 | 43.61 | 4 | 0.129 | 0.0671 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 RAVENNA AVE | 61 | 48 | 9.46 | 23.5 | 15.05 | 14.3 | 3.917 | 0.501 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 NEPTUNE AVE | 24 | 23 | 8.53 | 40.8 | 17.1 | 16.5 | 7.181 | 1.466 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 RAVENNA AVE | 28 | 26 | 5.87 | 53.4 | 17.2 | 13.9 | 10.42 | 1.969 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 MARBELLA AVE | 50 | 44 | 8.57 | 36.4 | 17.85 | 17.3 | 6.164 | 0.872 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 NEPTUNE AVE | 21 | 18 | 8.86 | 18.7 | 13.79 | 13.5 | 3.007 | 0.656 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 PANAMA AVE | 33 | 31 | 8.61 | 20 | 13.93 | 14.3 | 2.946 | 0.513 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 RAVENNA AVE | 42 | 39 | 8.02 | 42.3 | 14.61 | 13.65 | 5.713 | 0.882 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 MARBELLA AVE | 8 | 8 | 19.1 | 27.4 | 22.49 | 21.85 | 3.18 | 1.124 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 PANAMA AVE | 47 | 42 | 7.4 | 27.1 | 15.72 | 14.7 | 4.297 | 0.627 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 NEPTUNE AVE | 32 | 30 | 7.86 | 40.2 | 15.55 | 14.4 | 5.869 | 1.037 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 RAVENNA AVE | 32 | 31 | 5.45 | 20.3 | 12.62 | 13.4 | 3.597 | 0.636 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24420 PANAMA AVE | 33 | 31 | 5.82 | 19.9 | 12.48 | 11.8 | 3.538 | 0.616 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24421 PANAMA AVE | 30 | 28 | 7.9 | 24.7 | 15.4 | 15.4 | 4.352 | 0.795 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 MARBELLA AVE | 43 | 37 | 7.87 | 54.7 | 17.19 | 16.4 | 7.861 | 1.199 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 NEPTUNE AVE | 36 | 31 | 9.57 | 33.1 | 15.46 | 15.15 | 4.961 | 0.827 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 RAVENNA AVE | 29 | 23 | 9.29 | 29.4 | 14.61 | 14.5 | 4.074 | 0.756 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 MARBELLA AVE | 13 | 13 | 15.7 | 56.5 | 24.82 | 22.6 | 10.51 | 2.914 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 NEPTUNE AVE | 37 | 35 | 6.78 | 23.1 | 14.76 | 14.5 | 4.117 | 0.677 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 RAVENNA AVE | 40 | 34 | 6.65 | 20.3 | 11.76 | 11.6 | 3.295 | 0.521 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 MARBELLA AVE | 24 | 23 | 7.91 | 44.2 | 17.05 | 16.1 | 7.212 | 1.472 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 NEPTUNE AVE | 30 | 28 | 6.93 | 24.6 | 13.11 | 11 | 4.859 | 0.887 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 PANAMA AVE | 30 | 29 | 4.74 | 23 | 13.79 | 12.85 | 4.474 | 0.817 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 RAVENNA AVE | 49 | 46 | 7.38 | 23.9 | 14.46 | 13.9 | 4.366 | 0.624 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 MARBELLA AVE | 25 | 20 | 13.8 | 31.1 | 21.79 | 21.7 | 4.258 | 0.852 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 PANAMA AVE | 38 | 34 | 8.51 | 60.1 | 16.12 | 15.4 | 8.359 | 1.356 | 1 | 0.0263 | 0.858 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 NEPTUNE AVE | 19 | 18 | 9.42 | 20.1 | 13.64 | 13.6 | 2.837 | 0.651 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 RAVENNA AVE | 29 | 23 | 6.47 | 24.9 | 13.01 | 11.7 | 4.182 | 0.777 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24430 PANAMA AVE | 30 | 27 | 3.07 | 43.3 | 12.24 | 10.95 | 7.432 | 1.357 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24431 PANAMA AVE | 35 | 34 | 8.61 | 31 | 17.56 | 17.3 | 5.195 | 0.878 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24432 MARBELLA AVE | 67 | 53 | 8.02 | 35 | 16.35 | 16.6 | 4.179 | 0.51 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24433 MARBELLA AVE | 27 | 26 | 17.3 | 35.2 | 23.06 | 20.8 | 5.592 | 1.076 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24436 PANAMA AVE | 35 | 35 | 2.76 | 12.8 | 7.758 | 8.54 | 2.724 | 0.46 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 MARBELLA AVE | 51 | 47 | 8.53 | 32 | 16.7 | 16.3 | 5.515 | 0.772 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 NEPTUNE AVE | 58 | 53 | 6.33 | 36 | 11.21 | 10.2 | 4.407 | 0.579 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 PANAMA AVE | 48 | 43 | 1.53 | 16.9 | 7.519 | 7.705 | 2.937 | 0.424 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 RAVENNA AVE | 44 | 40 | 6.99 | 19 | 11.37 | 10.7 | 2.832 | 0.427 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 MARBELLA AVE | 29 | 26 | 13 | 46 | 21.02 | 19.1 | 6.063 | 1.126 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Copper (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24503 NEPTUNE AVE | 60 | 50 | 4.44 | 24.3 | 15.68 | 15.45 | 4.11 | 0.531 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 PANAMA AVE | 28 | 27 | 7.28 | 21.2 | 14.71 | 14.55 | 3.453 | 0.653 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 RAVENNA AVE | 34 | 31 | 7.42 | 36.2 | 12.9 | 11.25 | 5.673 | 0.973 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24506 MARBELLA AVE | 36 | 32 | 8.59 | 36.4 | 17.88 | 18 | 4.892 | 0.815 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24507 MARBELLA AVE | 36 | 34 | 9.86 | 37.3 | 21.86 | 19.35 | 6.885 | 1.148 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 NEPTUNE AVE | 40 | 34 | 8.21 | 20.8 | 14.02 | 13.65 | 3.37 | 0.533 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 PANAMA AVE | 24 | 24 | 2.34 | 15.4 | 7.835 | 8.665 | 3.123 | 0.638 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 RAVENNA AVE | 39 | 30 | 7.57 | 23.5 | 13.32 | 12.6 | 3.833 | 0.614 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 NEPTUNE AVE | 31 | 28 | 9.02 | 21.8 | 14.44 | 13.8 | 3.222 | 0.579 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 PANAMA AVE | 47 | 41 | 8.7 | 33.3 | 13.83 | 12.5 | 4.743 | 0.692 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 RAVENNA AVE | 37 | 33 | 7.32 | 39.2 | 14.83 | 13.9 | 5.907 | 0.971 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 MARBELLA AVE | 48 | 40 | 8.88 | 36.5 | 19.26 | 19 | 5.837 | 0.843 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 NEPTUNE AVE | 36 | 32 | 7.87 | 28.5 | 14.33 | 13.25 | 4.474 | 0.746 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 PANAMA AVE | 28 | 28 | 1.91 | 13 | 6.861 | 7.625 | 3.156 | 0.596 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 RAVENNA AVE | 46 | 42 | 7.58 | 23.1 | 13.59 | 13.3 | 3.998 | 0.589 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 NEPTUNE AVE | 37 | 35 | 6.12 | 29.4 | 14.67 | 14.1 | 4.82 | 0.792 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 PANAMA AVE | 51 | 48 | 6.01 | 24.6 | 12.23 | 11.5 | 3.794 | 0.531 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 RAVENNA AVE | 30 | 28 | 6.5 | 22.6 | 14.58 | 13.85 | 4.341 | 0.793 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24516 MARBELLA AVE | 30 | 30 | 7.42 | 28 | 17.81 | 18.35 | 4.826 | 0.881 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24517 MARBELLA AVE | 12 | 12 | 17.5 | 29.6 | 23.2 | 22.35 | 4.915 | 1.419 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 NEPTUNE AVE | 45 | 40 | 7.92 | 22.3 | 14.57 | 14.7 | 4.184 | 0.624 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 PANAMA AVE | 42 | 41 | 1.87 | 27.1 | 7.995 | 8.495 | 5.291 | 0.816 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 RAVENNA AVE | 30 | 28 | 8.65 | 21.4 | 15.25 | 16.3 | 4.087 | 0.746 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 NEPTUNE AVE | 35 | 30 | 8.56 | 22.3 | 14.02 | 13.1 | 4.078 | 0.689 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 PANAMA AVE | 30 | 26 | 3.04 | 18.7 | 11.18 | 10.95 | 4.088 | 0.746 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 MARBELLA AVE | 27 | 24 | 7.88 | 35.7 | 22.88 | 23.4 | 6.458 | 1.243 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 NEPTUNE AVE | 28 | 26 | 7.05 | 22.8 | 15.13 | 16 | 4.277 | 0.808 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 PANAMA AVE | 36 | 36 | 1.01 | 19.9 | 7.145 | 7.665 | 3.706 | 0.618 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 RAVENNA AVE | 35 | 34 | 2.01 | 23.4 | 11.72 | 11 | 4.629 | 0.782 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 MARBELLA AVE | 45 | 40 | 7.27 | 31.6 | 21.26 | 20.7 | 5.173 | 0.771 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 NEPTUNE AVE | 37 | 36 | 8.26 | 27.4 | 15.78 | 15.1 | 5.312 | 0.873 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 RAVENNA AVE | 17 | 16 | 7.68 | 18 | 13.05 | 14 | 3.073 | 0.745 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24526 MARBELLA AVE | 36 | 35 | 7.36 | 37.8 | 19.21 | 19.35 | 6.104 | 1.017 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 NEPTUNE AVE | 31 | 31 | 2.8 | 21.2 | 8.784 | 7.82 | 4.636 | 0.833 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 PANAMA AVE | 39 | 39 | 0.51 | 28.2 | 6.216 | 6.2 | 4.586 | 0.734 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 NEPTUNE AVE | 32 | 30 | 8.87 | 37.3 | 15.21 | 14.15 | 5.574 | 0.985 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 PANAMA AVE | 24 | 24 | 2.05 | 13.2 | 7.662 | 7.82 | 2.953 | 0.603 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 RAVENNA AVE | 26 | 26 | 2.65 | 41.6 | 13.99 | 12.2 | 9.361 | 1.836 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 MARBELLA AVE | 27 | 25 | 8.07 | 36.1 | 20.79 | 21.2 | 6.804 | 1.309 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 NEPTUNE AVE | 21 | 21 | 3.59 | 80.8 | 15.7 | 10.2 | 16.73 | 3.652 | 1 | 0.0476 | 0.659 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 PANAMA AVE | 23 | 23 | 2.73 | 26.6 | 9.643 | 9.18 | 4.716 | 0.983 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 RAVENNA AVE | 29 | 26 | 1.97 | 12.1 | 7.69 | 8.17 | 2.754 | 0.511 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 MARBELLA AVE | 25 | 21 | 16.5 | 170 | 31.41 | 24.5 | 29.82 | 5.964 | 1 | 0.04 | 0.723 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 PANAMA AVE | 29 | 27 | 2.19 | 16.7 | 8.762 | 8.67 | 3.047 | 0.566 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 RAVENNA AVE | 52 | 50 | 1.8 | 17.5 | 7.557 | 7.79 | 3.092 | 0.429 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 MARBELLA AVE | 34 | 31 | 7.63 | 31.5 | 20.77 | 21.35 | 5.927 | 1.017 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 NEPTUNE AVE | 33 | 30 | 3.37 | 12.5 | 8.235 | 8.26 | 2.401 | 0.418 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 PANAMA AVE | 40 | 38 | 2.25 | 17.5 | 9.412 | 8.97 | 3.64 | 0.575 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 RAVENNA AVE | 28 | 27 | 4.3 | 16.3 | 9.264 | 9.035 | 2.822 | 0.533 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 MARBELLA AVE | 26 | 24 | 14.3 | 30.5 | 22.69 | 23.7 | 4.674 | 0.917 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 NEPTUNE AVE | 49 | 49 | 2.82 | 26.3 | 10.93 | 9.98 | 4.453 | 0.636 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 PANAMA AVE | 30 | 27 | 6.71 | 14.5 | 9.877 | 9.98 | 2.044 | 0.373 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 RAVENNA AVE | 31 | 30 | 3.45 | 19.4 | 7.848 | 7.78 | 2.932 | 0.527 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24606 MARBELLA AVE | 63 | 54 | 3.67 | 30.2 | 16.77 | 17.9 | 6.771 | 0.853 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Copper (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24607 MARBELLA AVE | 31 | 27 | 2.35 | 37.1 | 19.73 | 19.8 | 7.675 | 1.378 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 NEPTUNE AVE | 37 | 35 | 3.67 | 46.5 | 12.26 | 8.88 | 9.243 | 1.52 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 PANAMA AVE | 22 | 19 | 3.73 | 26 | 10.3 | 9.905 | 4.58 | 0.976 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 RAVENNA AVE | 40 | 40 | 2.43 | 29.8 | 9.95 | 8.535 | 5.939 | 0.939 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 NEPTUNE AVE | 30 | 29 | 4.62 | 22.4 | 13.07 | 11.35 | 5.418 | 0.989 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 PANAMA AVE | 34 | 33 | 3.93 | 21.8 | 11.16 | 10.85 | 4.182 | 0.717 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 RAVENNA AVE | 45 | 41 | 3.31 | 21.2 | 7.732 | 7.56 | 2.851 | 0.425 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 MARBELLA AVE | 51 | 48 | 6.61 | 54.3 | 18.31 | 18.4 | 7.482 | 1.048 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 NEPTUNE AVE | 47 | 45 | 4.12 | 105 | 10.81 | 8.51 | 14.22 | 2.074 | 1 | 0.0213 | 0.91 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 PANAMA AVE | 33 | 33 | 5.89 | 17.8 | 9.773 | 8.85 | 2.956 | 0.514 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 RAVENNA AVE | 46 | 44 | 3.67 | 64.3 | 11.22 | 9.505 | 8.936 | 1.318 | 1 | 0.0217 | 0.906 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 MARBELLA AVE | 52 | 45 | 15.3 | 35.9 | 22.55 | 22.65 | 4.515 | 0.626 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 NEPTUNE AVE | 39 | 38 | 7.69 | 21 | 13.4 | 13.3 | 4.295 | 0.688 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 PANAMA AVE | 51 | 47 | 6.4 | 23.2 | 10.9 | 9.82 | 3.867 | 0.542 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 RAVENNA AVE | 33 | 29 | 5.71 | 13.1 | 8.521 | 7.82 | 2.131 | 0.371 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24616 MARBELLA AVE | 46 | 42 | 3.71 | 27.8 | 14.15 | 12.95 | 6.832 | 1.007 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24617 MARBELLA AVE | 34 | 33 | 11.4 | 47.4 | 25.28 | 24.3 | 8.231 | 1.412 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 NEPTUNE AVE | 26 | 24 | 7.58 | 18.5 | 11.77 | 11.05 | 3.323 | 0.652 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 PANAMA AVE | 28 | 28 | 4.86 | 18.6 | 9.793 | 9.065 | 3.403 | 0.643 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 RAVENNA AVE | 40 | 37 | 5.93 | 17.8 | 8.852 | 8.405 | 2.458 | 0.389 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 NEPTUNE AVE | 28 | 27 | 8.05 | 23 | 13.38 | 12.55 | 4.177 | 0.789 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 PANAMA AVE | 38 | 36 | 4.4 | 16.3 | 9.946 | 9.585 | 2.743 | 0.445 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 RAVENNA AVE | 35 | 34 | 6.55 | 14.4 | 9.374 | 8.64 | 2.227 | 0.377 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 MARBELLA AVE | 53 | 50 | 3.46 | 38.4 | 16.95 | 18 | 9.073 | 1.246 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 NEPTUNE AVE | 34 | 33 | 7.09 | 19 | 10.36 | 9.67 | 2.922 | 0.501 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 MARBELLA AVE | 32 | 30 | 12.1 | 48.1 | 23.7 | 22.3 | 6.573 | 1.162 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 NEPTUNE AVE | 36 | 34 | 7.7 | 30.7 | 14.72 | 14.7 | 4.655 | 0.776 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24627 MARBELLA AVE | 48 | 44 | 7.2 | 33.6 | 22.15 | 22.95 | 6.511 | 0.94 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 MARBELLA AVE | 52 | 41 | 3.97 | 39.3 | 17.1 | 17.15 | 8.117 | 1.126 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 NEPTUNE AVE | 18 | 18 | 6.2 | 14.7 | 8.964 | 8.055 | 2.247 | 0.53 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24629 NEPTUNE AVE | 39 | 36 | 8.02 | 26.6 | 13.86 | 14.5 | 3.88 | 0.621 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24632 NEPTUNE AVE | 20 | 18 | 6.46 | 20.6 | 10.59 | 8.825 | 4.029 | 0.901 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24633 MARBELLA AVE | 40 | 37 | 5.99 | 37.5 | 20.93 | 21.7 | 8.274 | 1.308 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 MARBELLA AVE | 46 | 39 | 2.79 | 36.8 | 15.6 | 14.75 | 6.386 | 0.942 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 RAVENNA AVE | 56 | 54 | 5.11 | 16.5 | 8.961 | 8.17 | 2.45 | 0.327 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 NEPTUNE AVE | 46 | 42 | 7.21 | 15.9 | 10.04 | 9.345 | 2.139 | 0.315 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 PANAMA AVE | 30 | 28 | 5.93 | 51.7 | 13.89 | 11.15 | 9.107 | 1.663 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 MARBELLA AVE | 36 | 34 | 4.91 | 74.2 | 20.58 | 20.65 | 12.78 | 2.131 | 1 | 0.0278 | 0.842 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 NEPTUNE AVE | 39 | 34 | 7.89 | 20.9 | 13.83 | 14 | 3.844 | 0.615 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 RAVENNA AVE | 53 | 49 | 5.8 | 34.4 | 10.75 | 9.49 | 4.296 | 0.59 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 MARBELLA AVE | 43 | 40 | 3.6 | 23.8 | 13.85 | 14 | 5.378 | 0.82 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 RAVENNA AVE | 33 | 31 | 6.41 | 18.8 | 10.53 | 9.38 | 3.211 | 0.559 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24707 MARBELLA AVE | 37 | 33 | 5.98 | 26 | 13.75 | 11.7 | 5.596 | 0.92 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24708 PANAMA AVE | 37 | 36 | 6.26 | 25.8 | 13.77 | 13.4 | 4.957 | 0.815 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 NEPTUNE AVE | 37 | 32 | 6.2 | 21.5 | 12.43 | 12.1 | 3.607 | 0.593 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 PANAMA AVE | 43 | 38 | 6.44 | 17.9 | 10.89 | 10.6 | 2.797 | 0.426 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 RAVENNA AVE | 52 | 47 | 6.44 | 19.1 | 9.715 | 9.115 | 2.308 | 0.32 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24710 MARBELLA AVE | 43 | 42 | 4.02 | 36.8 | 16.29 | 15 | 7.137 | 1.088 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 NEPTUNE AVE | 32 | 31 | 7.39 | 16.4 | 9.663 | 8.96 | 2.146 | 0.379 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 PANAMA AVE | 27 | 26 | 6.63 | 16.7 | 10.73 | 10.2 | 2.6 | 0.5 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 RAVENNA AVE | 45 | 41 | 6.53 | 26.8 | 9.968 | 8.53 | 3.859 | 0.575 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 MARBELLA AVE | 37 | 36 | 6 | 26.7 | 13.89 | 11.7 | 6.256 | 1.028 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 PANAMA AVE | 34 | 17 | 8.7 | 24.9 | 13.37 | 12.6 | 3.287 | 0.564 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 RAVENNA AVE | 35 | 30 | 6.56 | 18 | 9.293 | 9.17 | 2.044 | 0.345 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Copper (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24715 NEPTUNE AVE | 37 | 33 | 6.95 | 20.1 | 13.26 | 14.1 | 3.635 | 0.598 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 MARBELLA AVE | 30 | 29 | 6.49 | 25 | 15.18 | 15.9 | 5.389 | 0.984 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 RAVENNA AVE | 15 | 15 | 7.58 | 16.3 | 9.999 | 9.5 | 2.271 | 0.586 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24717 MARBELLA AVE | 38 | 37 | 4.34 | 25.2 | 10.9 | 9.195 | 4.978 | 0.808 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 NEPTUNE AVE | 65 | 56 | 6.21 | 16.3 | 9.37 | 8.92 | 2.199 | 0.273 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 PANAMA AVE | 33 | 30 | 6.15 | 26.3 | 11.62 | 10.2 | 4.776 | 0.831 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 NEPTUNE AVE | 33 | 32 | 3.9 | 36.5 | 14.34 | 11.5 | 7.495 | 1.305 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 PANAMA AVE | 28 | 26 | 7.46 | 22.7 | 11.63 | 11.05 | 3.501 | 0.662 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 RAVENNA AVE | 45 | 42 | 6.55 | 33.3 | 10.11 | 9.18 | 4.191 | 0.625 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 MARBELLA AVE | 34 | 28 | 6.5 | 25 | 13.19 | 12 | 5.262 | 0.902 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 NEPTUNE AVE | 40 | 38 | 1.66 | 14.4 | 8.5 | 8.3 | 2.278 | 0.36 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 PANAMA AVE | 18 | 18 | 5.63 | 14.2 | 8.678 | 8.48 | 1.834 | 0.432 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 RAVENNA AVE | 41 | 32 | 6.3 | 19.7 | 9.344 | 8.8 | 2.869 | 0.448 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 MARBELLA AVE | 22 | 22 | 2.8 | 28.2 | 11.72 | 9.185 | 6.236 | 1.33 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 RAVENNA AVE | 37 | 36 | 5.49 | 32.5 | 10.09 | 8.31 | 5.499 | 0.904 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24725 NEPTUNE AVE | 35 | 32 | 5.64 | 22.1 | 9.574 | 8.67 | 3.256 | 0.55 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 MARBELLA AVE | 49 | 46 | 3.2 | 27.8 | 15.17 | 15.7 | 6.004 | 0.858 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 RAVENNA AVE | 37 | 37 | 4.83 | 17.6 | 7.679 | 7.77 | 2.165 | 0.356 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24727 MARBELLA AVE | 40 | 38 | 3.38 | 27.8 | 11.67 | 10.65 | 5.479 | 0.866 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 NEPTUNE AVE | 33 | 31 | 5.3 | 22.2 | 8.299 | 8.02 | 2.772 | 0.483 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 PANAMA AVE | 31 | 29 | 4.92 | 41 | 13.32 | 10.2 | 8.402 | 1.509 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 NEPTUNE AVE | 35 | 33 | 6.16 | 21.4 | 10.21 | 9.57 | 3.147 | 0.532 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 PANAMA AVE | 34 | 33 | 5.96 | 14.7 | 8.921 | 9.225 | 1.801 | 0.309 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 RAVENNA AVE | 16 | 16 | 5.41 | 23.5 | 8.791 | 7.95 | 4.258 | 1.064 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 MARBELLA AVE | 37 | 37 | 1.22 | 24.9 | 10.43 | 8.86 | 5.511 | 0.906 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 NEPTUNE AVE | 35 | 33 | 5.41 | 22.3 | 9.653 | 8.9 | 3.21 | 0.543 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 PANAMA AVE | 33 | 30 | 4.86 | 29.9 | 10.37 | 8.9 | 4.935 | 0.859 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 RAVENNA AVE | 42 | 41 | 5.19 | 17.4 | 8.174 | 8.155 | 1.872 | 0.289 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 MARBELLA AVE | 32 | 32 | 2.54 | 27.2 | 11.36 | 9.8 | 6.08 | 1.075 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 PANAMA AVE | 38 | 35 | 6.64 | 31.4 | 11.11 | 10.15 | 4.298 | 0.697 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 RAVENNA AVE | 40 | 36 | 5.89 | 13.2 | 8.736 | 8.275 | 1.781 | 0.282 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24735 NEPTUNE AVE | 36 | 35 | 5.05 | 125 | 11.34 | 8.05 | 19.57 | 3.262 | 1 | 0.0278 | 0.842 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 MARBELLA AVE | 52 | 50 | 3.23 | 21.8 | 12.11 | 10.75 | 4.684 | 0.649 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 RAVENNA AVE | 43 | 40 | 6.87 | 18.3 | 9.379 | 8.85 | 1.834 | 0.28 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24737 MARBELLA AVE | 28 | 25 | 6.19 | 21.6 | 10.7 | 10.4 | 3.126 | 0.591 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 NEPTUNE AVE | 51 | 50 | 5.56 | 13.9 | 8.828 | 8.63 | 1.526 | 0.214 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 PANAMA AVE | 32 | 32 | 3.99 | 22 | 9.195 | 8.915 | 3.382 | 0.598 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 NEPTUNE AVE | 41 | 37 | 5.68 | 18.9 | 9.021 | 8.72 | 2.07 | 0.323 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 PANAMA AVE | 43 | 40 | 5.77 | 14.2 | 8.793 | 8.59 | 1.761 | 0.269 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 RAVENNA AVE | 42 | 39 | 5 | 18.2 | 8.907 | 8.73 | 2.296 | 0.354 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24740 MARBELLA AVE | 64 | 56 | 3.45 | 21.6 | 10.51 | 9.62 | 3.798 | 0.475 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24741 MARBELLA AVE | 12 | 11 | 6.69 | 17.3 | 11.48 | 11.55 | 2.753 | 0.795 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24743 RAVENNA AVE | 42 | 40 | 5.17 | 13.1 | 8.859 | 8.69 | 1.472 | 0.227 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24744 MARBELLA AVE | 25 | 22 | 5.54 | 22.5 | 10.21 | 9.97 | 3.118 | 0.624 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24748 RAVENNA AVE | 24 | 23 | 7.8 | 13.5 | 9.375 | 9.115 | 1.276 | 0.26 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24749 RAVENNA AVE | 43 | 38 | 7.33 | 28.2 | 10.18 | 9.74 | 3.399 | 0.518 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24752 RAVENNA AVE | 45 | 43 | 6.57 | 19.7 | 8.922 | 8.27 | 2.367 | 0.353 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24802 PANAMA AVE | 47 | 44 | 4.24 | 15.7 | 8.23 | 8.11 | 2.412 | 0.352 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 NEPTUNE AVE | 32 | 32 | 5.52 | 15.3 | 8.59 | 8.355 | 2.122 | 0.375 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 PANAMA AVE | 18 | 18 | 5.58 | 10.1 | 7.564 | 7.405 | 1.105 | 0.261 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 NEPTUNE AVE | 27 | 27 | 5.48 | 10.4 | 8.415 | 8.63 | 1.302 | 0.251 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 PANAMA AVE | 36 | 33 | 7.34 | 21.8 | 9.984 | 9.085 | 2.938 | 0.49 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24812 PANAMA AVE | 29 | 28 | 5.31 | 13.8 | 7.866 | 7.36 | 2.088 | 0.388 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24813 PANAMA AVE | 15 | 15 | 6.84 | 30.1 | 13.04 | 9.5 | 7.832 | 2.022 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Copper (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24815 NEPTUNE AVE | 30 | 26 | 4.84 | 23.1 | 11.1 | 9.79 | 4.463 | 0.815 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24818 PANAMA AVE | 34 | 33 | 4.94 | 17.6 | 7.846 | 7.175 | 2.43 | 0.417 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24819 PANAMA AVE | 34 | 32 | 6.98 | 51.7 | 10.35 | 8.385 | 7.719 | 1.324 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24822 PANAMA AVE | 43 | 41 | 5.65 | 74.9 | 9.924 | 7.7 | 10.4 | 1.586 | 1 | 0.0233 | 0.89 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24823 PANAMA AVE | 39 | 39 | 6.42 | 15.7 | 9.522 | 9.01 | 2.138 | 0.342 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24825 NEPTUNE AVE | 98 | 88 | 6.07 | 24.9 | 9.136 | 8.7 | 2.576 | 0.26 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24828 PANAMA AVE | 36 | 35 | 5.04 | 17.5 | 8.29 | 7.575 | 2.913 | 0.485 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24829 PANAMA AVE | 48 | 47 | 6.42 | 18.1 | 8.897 | 8.895 | 1.877 | 0.271 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24832 PANAMA AVE | 38 | 37 | 5.89 | 19.7 | 8.714 | 8.405 | 2.504 | 0.406 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24833 PANAMA AVE | 43 | 41 | 5.88 | 23.2 | 9.112 | 8.78 | 2.722 | 0.415 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24838 PANAMA AVE | 28 | 28 | 6.29 | 18.6 | 9.095 | 8.435 | 2.447 | 0.462 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24904 NEPTUNE AVE | 74 | 64 | 2.9 | 17.2 | 9.065 | 8.68 | 1.758 | 0.204 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24912 NEPTUNE AVE | 36 | 31 | 5.99 | 18.2 | 8.658 | 7.97 | 2.507 | 0.418 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 301 244TH ST | 29 | 26 | 7.81 | 37.7 | 18.65 | 17 | 7.083 | 1.315 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 305 244TH ST | 54 | 47 | 6.36 | 78.3 | 19.04 | 17.7 | 11.43 | 1.555 | 1 | 0.0185 | 0.937 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 311 244TH ST | 71 | 64 | 8.57 | 115 | 25.05 | 22.1 | 16.2 | 1.923 | 3 | 0.0423 | 0.695 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 317 244TH ST | 58 | 52 | 11.2 | 35.4 | 21.63 | 22.65 | 5.56 | 0.73 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 321 244TH ST | 40 | 34 | 12.3 | 58.1 | 24.95 | 23.35 | 9.073 | 1.435 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 327 244TH ST | 12 | 12 | 16.5 | 27.9 | 20.57 | 19 | 4.026 | 1.162 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 331 244TH ST | 28 | 27 | 8.13 | 38.3 | 21.43 | 20.8 | 5.98 | 1.13 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 337 244TH ST | 34 | 33 | 7.98 | 37.7 | 18.45 | 18.85 | 6.016 | 1.032 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 341 244TH ST | 48 | 43 | 10.8 | 34.4 | 19.34 | 20.25 | 5.184 | 0.748 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 344 249TH ST | 35 | 30 | 6.12 | 22.4 | 9.944 | 9.76 | 2.961 | 0.501 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 345 249TH ST | 93 | 78 | 5.9 | 26.6 | 9.869 | 9.3 | 3.001 | 0.311 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 347 244TH ST | 32 | 28 | 9.65 | 35.2 | 19 | 19.2 | 6.259 | 1.106 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 248TH ST | 49 | 45 | 5.61 | 12.2 | 8.698 | 8.68 | 1.657 | 0.237 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 249TH ST | 51 | 49 | 6.34 | 31.7 | 9.576 | 8.85 | 3.495 | 0.489 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 351 244TH ST | 32 | 29 | 10 | 24.7 | 16.9 | 16.95 | 4.375 | 0.773 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 352 249TH ST | 32 | 31 | 6.05 | 17.8 | 9.148 | 8.25 | 2.679 | 0.474 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 353 249TH ST | 32 | 31 | 6.09 | 13.3 | 9.486 | 9.42 | 1.677 | 0.297 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 354 248TH ST | 39 | 37 | 7.49 | 27.4 | 9.941 | 8.52 | 3.719 | 0.596 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 244TH ST | 40 | 36 | 9.3 | 37.2 | 16.69 | 16.55 | 5.174 | 0.818 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 249TH ST | 24 | 23 | 7 | 12.6 | 9.69 | 9.665 | 1.578 | 0.322 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 358 249TH ST | 43 | 41 | 4 | 11.5 | 7.627 | 7.63 | 1.747 | 0.266 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 360 248TH ST | 48 | 41 | 5.81 | 17.8 | 8.855 | 8.715 | 1.559 | 0.225 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 361 244TH ST | 23 | 21 | 8.28 | 29.7 | 17.56 | 17.3 | 5.291 | 1.103 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 362 249TH ST | 25 | 24 | 5.72 | 14.7 | 8.847 | 8.56 | 2.19 | 0.438 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 363 249TH ST | 27 | 27 | 7.49 | 36.3 | 14.45 | 9.51 | 8.868 | 1.707 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 364 248TH ST | 48 | 47 | 6.68 | 158 | 18.83 | 10.01 | 28.07 | 4.052 | 3 | 0.0625 | 0.433 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 244TH ST | 13 | 12 | 7.47 | 35.2 | 18.12 | 16.9 | 6.961 | 1.931 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 249TH ST | 46 | 41 | 2.88 | 12.8 | 8.939 | 8.72 | 1.939 | 0.286 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 368 249TH ST | 55 | 54 | 5.49 | 13.9 | 8.571 | 8.38 | 1.923 | 0.259 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 373 249TH ST | 42 | 41 | 6.63 | 23.3 | 9.789 | 8.435 | 4.02 | 0.62 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 248TH ST | 120 | 100 | 2.42 | 40.6 | 10.01 | 8.9 | 4.591 | 0.419 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 249TH ST | 27 | 27 | 5.16 | 14.1 | 8.9 | 8.33 | 2.128 | 0.41 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 244TH ST | 32 | 31 | 12.2 | 30.3 | 19.59 | 19.15 | 3.922 | 0.693 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 249TH ST | 33 | 32 | 4.7 | 17.9 | 8.587 | 7.83 | 2.499 | 0.435 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 378 249TH ST | 41 | 36 | 5.04 | 12.9 | 8.801 | 8.31 | 1.815 | 0.283 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 383 249TH ST | 32 | 32 | 5.87 | 20 | 9.023 | 7.965 | 3.189 | 0.564 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 402 249TH ST | 32 | 28 | 6.49 | 17.2 | 9.508 | 9.08 | 2.33 | 0.412 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 408 249TH ST | 24 | 24 | 5.93 | 45.9 | 13.8 | 9.555 | 10.61 | 2.165 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 412 249TH ST | 77 | 71 | 3.71 | 29.8 | 10.11 | 8.57 | 5.542 | 0.632 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Lead (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24401 MARBELLA AVE | 33 | 32 | 4.17 | 87 | 11.51 | 8.22 | 14.13 | 2.459 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 NEPTUNE AVE | 48 | 47 | 4.9 | 24.6 | 8.432 | 7.915 | 2.94 | 0.424 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 PANAMA AVE | 127 | 114 | 3.3 | 50.1 | 9.056 | 8 | 5.822 | 0.517 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 RAVENNA AVE | 40 | 36 | 4.5 | 38 | 9.567 | 7.215 | 7.28 | 1.151 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 NEPTUNE AVE | 46 | 45 | 4.48 | 35 | 9.872 | 8.245 | 5.953 | 0.878 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 RAVENNA AVE | 62 | 56 | 5.02 | 43.6 | 11.26 | 9.655 | 5.822 | 0.739 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24405 MARBELLA AVE | 25 | 21 | 6.65 | 16 | 11.14 | 10.9 | 2.375 | 0.475 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 MARBELLA AVE | 40 | 40 | 1.91 | 30.8 | 7.519 | 5.835 | 6.132 | 0.97 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 NEPTUNE AVE | 28 | 27 | 4.35 | 62.7 | 11.16 | 7.27 | 13.48 | 2.547 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 PANAMA AVE | 23 | 21 | 2.52 | 58.7 | 15.94 | 9.53 | 16.29 | 3.397 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 RAVENNA AVE | 26 | 25 | 5.6 | 27.2 | 10.22 | 8.155 | 5.646 | 1.107 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 NEPTUNE AVE | 24 | 24 | 5.99 | 72.5 | 17.03 | 9.785 | 17.27 | 3.526 | 2 | 0.0833 | 0.339 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 RAVENNA AVE | 33 | 30 | 5.37 | 177 | 14.55 | 7.15 | 30.19 | 5.256 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24410 PANAMA AVE | 33 | 32 | 2.21 | 35.9 | 10.4 | 7.38 | 8.093 | 1.409 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 MARBELLA AVE | 69 | 67 | 2.11 | 88.5 | 9.186 | 6.3 | 11.52 | 1.387 | 1 | 0.0145 | 0.971 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 PANAMA AVE | 37 | 34 | 4.28 | 81.9 | 16.4 | 9.96 | 18.59 | 3.056 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 MARBELLA AVE | 31 | 29 | 6.33 | 87 | 17.87 | 9.88 | 20.04 | 3.599 | 2 | 0.0645 | 0.463 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 RAVENNA AVE | 61 | 60 | 4.95 | 39.5 | 8.497 | 7.5 | 4.588 | 0.587 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 NEPTUNE AVE | 24 | 24 | 5.88 | 59.1 | 12.02 | 8.435 | 11.46 | 2.34 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 RAVENNA AVE | 28 | 26 | 3.63 | 83.5 | 13.72 | 7.475 | 17.21 | 3.253 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 MARBELLA AVE | 50 | 50 | 0.18 | 115 | 8.306 | 4.465 | 16.25 | 2.298 | 1 | 0.02 | 0.923 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 NEPTUNE AVE | 21 | 20 | 5.93 | 100 | 13.45 | 8.46 | 19.99 | 4.363 | 1 | 0.0476 | 0.659 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 PANAMA AVE | 33 | 33 | 1.02 | 32.3 | 9.318 | 6.21 | 8.336 | 1.451 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 RAVENNA AVE | 42 | 41 | 3.94 | 64.4 | 8.768 | 6.975 | 9.219 | 1.423 | 1 | 0.0238 | 0.884 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 MARBELLA AVE | 8 | 8 | 4.5 | 22.4 | 9.354 | 8.24 | 5.531 | 1.955 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 PANAMA AVE | 47 | 46 | 5.41 | 32.4 | 11.5 | 9.33 | 6.799 | 0.992 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 NEPTUNE AVE | 32 | 31 | 5.57 | 39.5 | 11.48 | 8.165 | 8.504 | 1.503 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 RAVENNA AVE | 32 | 30 | 2.54 | 29.1 | 7.938 | 6.76 | 5.377 | 0.951 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24420 PANAMA AVE | 33 | 33 | 2.54 | 89.5 | 11.17 | 8.37 | 15.18 | 2.642 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24421 PANAMA AVE | 30 | 30 | 3.76 | 39.6 | 9.388 | 8.13 | 6.41 | 1.17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 MARBELLA AVE | 43 | 42 | 1.22 | 39.7 | 6.905 | 5.49 | 6.342 | 0.967 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 NEPTUNE AVE | 36 | 35 | 5.07 | 51.4 | 10.37 | 7.81 | 8.478 | 1.413 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 RAVENNA AVE | 29 | 28 | 6.61 | 20.2 | 9.703 | 9.06 | 3.001 | 0.557 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 MARBELLA AVE | 13 | 13 | 5.07 | 63.5 | 11.8 | 7.33 | 15.61 | 4.33 | 1 | 0.0769 | 0.487 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 NEPTUNE AVE | 37 | 36 | 1.75 | 18.4 | 6.042 | 4.98 | 3.535 | 0.581 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 RAVENNA AVE | 40 | 39 | 3.15 | 14.5 | 6.497 | 6.01 | 2.52 | 0.398 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 MARBELLA AVE | 24 | 23 | 2.35 | 59.4 | 11.35 | 5.905 | 12.51 | 2.554 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 NEPTUNE AVE | 30 | 30 | 4.44 | 20.8 | 8.466 | 6.825 | 4.226 | 0.772 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 PANAMA AVE | 30 | 29 | 2.13 | 40.4 | 8.703 | 7.39 | 6.929 | 1.265 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 RAVENNA AVE | 49 | 43 | 4.22 | 49.1 | 10.79 | 8.01 | 7.384 | 1.055 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 MARBELLA AVE | 25 | 24 | 3.95 | 18.5 | 8.595 | 8.15 | 3.375 | 0.675 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 PANAMA AVE | 38 | 38 | 5.13 | 81.8 | 11.72 | 8.05 | 13.11 | 2.126 | 1 | 0.0263 | 0.858 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 NEPTUNE AVE | 19 | 18 | 5.33 | 21.1 | 9.175 | 7.59 | 4.324 | 0.992 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 RAVENNA AVE | 29 | 28 | 1.47 | 23.5 | 8.218 | 6.13 | 5.377 | 0.999 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24430 PANAMA AVE | 30 | 30 | 1.08 | 66.8 | 9.567 | 5.755 | 12.44 | 2.272 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24431 PANAMA AVE | 35 | 34 | 3.6 | 36.4 | 8.413 | 5.09 | 7.638 | 1.291 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24432 MARBELLA AVE | 67 | 63 | 4.83 | 24.3 | 10.61 | 9.12 | 4.875 | 0.596 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24433 MARBELLA AVE | 27 | 27 | 4.07 | 307 | 19.5 | 7.41 | 57.59 | 11.08 | 1 | 0.037 | 0.75 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24436 PANAMA AVE | 35 | 33 | 0.87 | 17.5 | 5.547 | 5.44 | 3.65 | 0.617 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 MARBELLA AVE | 51 | 50 | 3.28 | 1330 | 35.06 | 7.59 | 185 | 25.91 | 1 | 0.0196 | 0.927 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 NEPTUNE AVE | 58 | 57 | 2.55 | 29.8 | 6.091 | 5.16 | 4.313 | 0.566 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 PANAMA AVE | 48 | 46 | 0.31 | 12.5 | 4.975 | 4.94 | 2.796 | 0.404 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 RAVENNA AVE | 44 | 44 | 4.18 | 33 | 9.609 | 7.965 | 5.712 | 0.861 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 MARBELLA AVE | 29 | 28 | 5.83 | 19 | 8.593 | 7.74 | 2.631 | 0.488 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Lead (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24503 NEPTUNE AVE | 60 | 58 | 3.91 | 21.9 | 8.971 | 7.785 | 3.956 | 0.511 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 PANAMA AVE | 28 | 26 | 3.73 | 32.5 | 7.411 | 6.06 | 5.442 | 1.028 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 RAVENNA AVE | 34 | 33 | 3.85 | 14.1 | 7.145 | 6.565 | 2.51 | 0.431 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24506 MARBELLA AVE | 36 | 33 | 5.08 | 60 | 11.86 | 9.38 | 9.455 | 1.576 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24507 MARBELLA AVE | 36 | 33 | 5.35 | 21.3 | 9.264 | 8.07 | 2.968 | 0.495 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 NEPTUNE AVE | 40 | 39 | 4.94 | 35.5 | 8.621 | 6.92 | 5.074 | 0.802 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 PANAMA AVE | 24 | 20 | 0.18 | 12.9 | 5.32 | 5.535 | 3.262 | 0.666 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 RAVENNA AVE | 39 | 38 | 2.7 | 52.8 | 8.27 | 5.82 | 8.7 | 1.393 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 NEPTUNE AVE | 31 | 30 | 5.2 | 32.1 | 10.39 | 7.97 | 6.044 | 1.085 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 PANAMA AVE | 47 | 45 | 4.11 | 48.4 | 9.647 | 7.65 | 7.123 | 1.039 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 RAVENNA AVE | 37 | 36 | 4.27 | 73.4 | 11.81 | 7.09 | 13.57 | 2.23 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 MARBELLA AVE | 48 | 44 | 3.6 | 31.8 | 8.149 | 6.75 | 4.627 | 0.668 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 NEPTUNE AVE | 36 | 34 | 3.52 | 18.5 | 6.41 | 5.44 | 3.271 | 0.545 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 PANAMA AVE | 28 | 24 | 0.18 | 15.1 | 4.773 | 5.13 | 3.447 | 0.651 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 RAVENNA AVE | 46 | 44 | 3.27 | 53.6 | 8.268 | 7.285 | 7.056 | 1.04 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 NEPTUNE AVE | 37 | 36 | 3.47 | 18.2 | 7.465 | 7.13 | 2.766 | 0.455 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 PANAMA AVE | 51 | 51 | 3.3 | 20.5 | 6.729 | 5.87 | 3.432 | 0.481 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 RAVENNA AVE | 30 | 30 | 3.14 | 26.7 | 7.81 | 6.42 | 5.391 | 0.984 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24516 MARBELLA AVE | 30 | 29 | 4.69 | 17 | 8.912 | 7.435 | 3.861 | 0.705 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24517 MARBELLA AVE | 12 | 12 | 4.67 | 19.6 | 9.514 | 7.195 | 5.148 | 1.486 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 NEPTUNE AVE | 45 | 43 | 3.89 | 72.2 | 8.871 | 6.14 | 10.45 | 1.557 | 1 | 0.0222 | 0.901 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 PANAMA AVE | 42 | 35 | 0.18 | 96 | 7.103 | 3.665 | 14.91 | 2.3 | 1 | 0.0238 | 0.884 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 RAVENNA AVE | 30 | 29 | 3.72 | 20.8 | 7.59 | 6.415 | 4.439 | 0.81 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 NEPTUNE AVE | 35 | 34 | 4.06 | 18.7 | 8.316 | 6.69 | 3.672 | 0.621 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 PANAMA AVE | 30 | 28 | 0.18 | 34.3 | 9.141 | 7.115 | 7.789 | 1.422 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 MARBELLA AVE | 27 | 26 | 1.1 | 15.1 | 6.234 | 6.17 | 3.354 | 0.645 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 NEPTUNE AVE | 28 | 28 | 3.81 | 22 | 7.331 | 5.615 | 4.62 | 0.873 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 PANAMA AVE | 36 | 36 | 0.18 | 26.6 | 5.238 | 4.845 | 4.574 | 0.762 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 RAVENNA AVE | 35 | 34 | 0.18 | 16.9 | 6.227 | 6.4 | 3.09 | 0.522 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 MARBELLA AVE | 45 | 44 | 3.44 | 148 | 14.78 | 8.09 | 23.61 | 3.52 | 2 | 0.0444 | 0.665 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 NEPTUNE AVE | 37 | 35 | 4.75 | 21.6 | 8.916 | 6.73 | 4.527 | 0.744 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 RAVENNA AVE | 17 | 17 | 3.23 | 28.5 | 9.909 | 6.85 | 6.981 | 1.693 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24526 MARBELLA AVE | 36 | 36 | 2.34 | 12.1 | 6.245 | 6.005 | 2.275 | 0.379 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 NEPTUNE AVE | 31 | 31 | 1.41 | 15.1 | 5.88 | 5.36 | 3.188 | 0.573 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 PANAMA AVE | 39 | 39 | 0.96 | 31.2 | 6.037 | 4.35 | 6.12 | 0.98 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 NEPTUNE AVE | 32 | 31 | 3.39 | 29.9 | 7.983 | 6.57 | 4.978 | 0.88 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 PANAMA AVE | 24 | 24 | 0.51 | 14.5 | 4.971 | 4.815 | 3.056 | 0.624 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 RAVENNA AVE | 26 | 25 | 0.67 | 39.6 | 8.215 | 3.765 | 9.888 | 1.939 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 MARBELLA AVE | 27 | 24 | 1.38 | 22.7 | 6.559 | 5.09 | 4.62 | 0.889 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 NEPTUNE AVE | 21 | 20 | 2.31 | 51.7 | 15.2 | 10.8 | 14.48 | 3.161 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 PANAMA AVE | 23 | 22 | 2.41 | 67.7 | 10.27 | 6.12 | 13.43 | 2.801 | 1 | 0.0435 | 0.693 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 RAVENNA AVE | 29 | 29 | 0.77 | 11.3 | 4.618 | 4.78 | 2.414 | 0.448 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 MARBELLA AVE | 25 | 25 | 4.13 | 31 | 10.9 | 7.9 | 7.098 | 1.42 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 PANAMA AVE | 29 | 29 | 0.18 | 22.2 | 5.573 | 4.88 | 4.506 | 0.837 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 RAVENNA AVE | 52 | 50 | 1.02 | 20.6 | 4.928 | 4.845 | 2.916 | 0.404 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 MARBELLA AVE | 34 | 34 | 2.89 | 26.2 | 10.27 | 9.3 | 5.248 | 0.9 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 NEPTUNE AVE | 33 | 33 | 1.59 | 21 | 5.937 | 4.85 | 3.843 | 0.669 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 PANAMA AVE | 40 | 40 | 0.94 | 76 | 11.37 | 4.06 | 17.69 | 2.796 | 2 | 0.05 | 0.601 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 RAVENNA AVE | 28 | 27 | 1.8 | 42 | 6.685 | 5.01 | 7.509 | 1.419 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 MARBELLA AVE | 26 | 26 | 4.25 | 32 | 11.19 | 8.21 | 7.11 | 1.394 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 NEPTUNE AVE | 49 | 47 | 1.51 | 16.1 | 6.195 | 5.58 | 3.068 | 0.438 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 PANAMA AVE | 30 | 30 | 5.23 | 44.4 | 9.324 | 7.385 | 7.547 | 1.378 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 RAVENNA AVE | 31 | 31 | 1.78 | 73.8 | 7.075 | 4.47 | 12.95 | 2.326 | 1 | 0.0323 | 0.796 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24606 MARBELLA AVE | 63 | 62 | 1.58 | 22 | 6.38 | 5.67 | 3.726 | 0.469 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Lead (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24607 MARBELLA AVE | 31 | 31 | 1.3 | 29.4 | 8.573 | 7.13 | 5.267 | 0.946 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 NEPTUNE AVE | 37 | 37 | 1.94 | 76.2 | 12.97 | 5.07 | 16.92 | 2.781 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 PANAMA AVE | 22 | 22 | 2.15 | 330 | 26.96 | 7.52 | 69.24 | 14.76 | 2 | 0.0909 | 0.302 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 RAVENNA AVE | 40 | 40 | 1.17 | 58.7 | 9.969 | 5.19 | 12.02 | 1.901 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 NEPTUNE AVE | 30 | 29 | 1.68 | 14.9 | 6.652 | 5.6 | 3.371 | 0.616 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 PANAMA AVE | 34 | 34 | 2.25 | 46.8 | 9.226 | 5.885 | 8.955 | 1.536 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 RAVENNA AVE | 45 | 44 | 1.46 | 16.1 | 5.363 | 4.95 | 2.451 | 0.365 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 MARBELLA AVE | 51 | 50 | 2.7 | 144 | 9.61 | 6.54 | 19.44 | 2.722 | 1 | 0.0196 | 0.927 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 NEPTUNE AVE | 47 | 46 | 2 | 17.2 | 5.822 | 5.07 | 2.945 | 0.43 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 PANAMA AVE | 33 | 31 | 3.39 | 74.3 | 10.11 | 5.47 | 12.91 | 2.248 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 RAVENNA AVE | 46 | 45 | 2.74 | 141 | 13.34 | 7.03 | 22.69 | 3.345 | 2 | 0.0435 | 0.677 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 MARBELLA AVE | 52 | 48 | 5.57 | 14.9 | 8.73 | 8.245 | 2.002 | 0.278 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 NEPTUNE AVE | 39 | 36 | 3.89 | 18.9 | 7.451 | 5.86 | 3.783 | 0.606 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 PANAMA AVE | 51 | 47 | 3.4 | 221 | 18.85 | 9.38 | 35.8 | 5.013 | 3 | 0.0588 | 0.473 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 RAVENNA AVE | 33 | 29 | 3.92 | 13.7 | 5.893 | 5.05 | 2.345 | 0.408 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24616 MARBELLA AVE | 46 | 45 | 1.24 | 21 | 7.309 | 6.45 | 4.419 | 0.652 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24617 MARBELLA AVE | 34 | 34 | 3.14 | 20.1 | 8.415 | 7.335 | 3.697 | 0.634 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 NEPTUNE AVE | 26 | 24 | 4.87 | 20.3 | 8.96 | 7.09 | 4.606 | 0.903 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 PANAMA AVE | 28 | 28 | 3.08 | 62 | 13.67 | 7.535 | 14.53 | 2.747 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 RAVENNA AVE | 40 | 36 | 2.51 | 10.4 | 3.85 | 3.45 | 1.503 | 0.238 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 NEPTUNE AVE | 28 | 28 | 4.37 | 30.9 | 8.151 | 7.185 | 4.898 | 0.926 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 PANAMA AVE | 38 | 38 | 2.91 | 36.2 | 11.56 | 7.52 | 9.002 | 1.46 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 RAVENNA AVE | 35 | 34 | 3.48 | 15.7 | 5.575 | 5.04 | 2.559 | 0.433 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 MARBELLA AVE | 53 | 51 | 0.85 | 41.1 | 8.812 | 7.02 | 6.683 | 0.918 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 NEPTUNE AVE | 34 | 34 | 3.36 | 50.6 | 7.34 | 5.34 | 8.154 | 1.398 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 MARBELLA AVE | 32 | 31 | 3.79 | 23.1 | 8.476 | 7.005 | 4.392 | 0.776 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 NEPTUNE AVE | 36 | 35 | 4.04 | 34.3 | 8.873 | 6.545 | 6.852 | 1.142 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24627 MARBELLA AVE | 48 | 48 | 2.8 | 26.3 | 9.159 | 8.365 | 4.696 | 0.678 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 MARBELLA AVE | 52 | 50 | 0.48 | 45 | 10.1 | 8.07 | 9.144 | 1.268 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 NEPTUNE AVE | 18 | 18 | 3.49 | 27.5 | 7.201 | 6.55 | 5.313 | 1.252 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24629 NEPTUNE AVE | 39 | 37 | 4.17 | 20 | 8.395 | 7 | 4.279 | 0.685 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24632 NEPTUNE AVE | 20 | 19 | 5.06 | 30.1 | 8.921 | 6.275 | 6.811 | 1.523 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24633 MARBELLA AVE | 40 | 39 | 2.3 | 390 | 20.24 | 8.42 | 60.73 | 9.603 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 MARBELLA AVE | 46 | 46 | 1.27 | 49.4 | 9.349 | 7.03 | 8.754 | 1.291 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 RAVENNA AVE | 56 | 54 | 2.98 | 77 | 8.44 | 4.97 | 13 | 1.737 | 2 | 0.0357 | 0.777 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 NEPTUNE AVE | 46 | 45 | 4.47 | 50.1 | 8.994 | 6.99 | 6.954 | 1.025 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 PANAMA AVE | 30 | 30 | 4.24 | 156 | 24.47 | 11.6 | 31.7 | 5.788 | 3 | 0.1 | 0.188 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 MARBELLA AVE | 36 | 36 | 2.15 | 59.8 | 10.4 | 7.215 | 11.01 | 1.835 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 NEPTUNE AVE | 39 | 39 | 4.21 | 29.3 | 8.672 | 7 | 5.333 | 0.854 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 RAVENNA AVE | 53 | 50 | 3.6 | 36.3 | 7.292 | 6.03 | 4.727 | 0.649 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 MARBELLA AVE | 43 | 39 | 2.55 | 18.2 | 8.076 | 7.6 | 3.442 | 0.525 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 RAVENNA AVE | 33 | 33 | 3.74 | 65 | 14.54 | 7.74 | 15.44 | 2.688 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24707 MARBELLA AVE | 37 | 37 | 2.99 | 29.9 | 7.672 | 5.42 | 6.218 | 1.022 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24708 PANAMA AVE | 37 | 36 | 3.43 | 108 | 16.7 | 11.6 | 20.54 | 3.378 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 NEPTUNE AVE | 37 | 36 | 3.38 | 24.9 | 9.554 | 6.96 | 5.429 | 0.893 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 PANAMA AVE | 43 | 43 | 1.6 | 68.2 | 15.28 | 8.1 | 16.4 | 2.501 | 2 | 0.0465 | 0.64 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 RAVENNA AVE | 52 | 51 | 3.77 | 27.9 | 7.153 | 5.495 | 4.403 | 0.611 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24710 MARBELLA AVE | 43 | 43 | 1.61 | 140 | 10.11 | 6.06 | 20.69 | 3.155 | 1 | 0.0233 | 0.89 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 NEPTUNE AVE | 32 | 31 | 2.78 | 37.3 | 6.273 | 4.625 | 6.062 | 1.072 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 PANAMA AVE | 27 | 27 | 4.48 | 220 | 20.84 | 9.17 | 41.53 | 7.992 | 2 | 0.0741 | 0.394 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 RAVENNA AVE | 45 | 45 | 3.62 | 146 | 13.02 | 7.59 | 22.86 | 3.408 | 2 | 0.0444 | 0.665 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 MARBELLA AVE | 37 | 36 | 1.6 | 12 | 5.017 | 4.16 | 2.945 | 0.484 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 PANAMA AVE | 34 | 30 | 3.1 | 209 | 20.68 | 9.7 | 36.07 | 6.186 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 RAVENNA AVE | 35 | 34 | 2.49 | 21.8 | 4.741 | 4.03 | 3.316 | 0.56 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Lead (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24715 NEPTUNE AVE | 37 | 37 | 3.31 | 34.7 | 8.541 | 7.06 | 5.809 | 0.955 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 MARBELLA AVE | 30 | 30 | 3.11 | 32.6 | 8.19 | 7.34 | 6.093 | 1.112 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 RAVENNA AVE | 15 | 15 | 2.31 | 21 | 8.695 | 7.65 | 5.989 | 1.546 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24717 MARBELLA AVE | 38 | 38 | 2.6 | 12.1 | 5.724 | 5.05 | 2.515 | 0.408 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 NEPTUNE AVE | 65 | 62 | 3.05 | 17.3 | 4.92 | 4.33 | 2.161 | 0.268 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 PANAMA AVE | 33 | 31 | 3.95 | 91 | 15.67 | 10.5 | 16.03 | 2.79 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 NEPTUNE AVE | 33 | 32 | 2.15 | 65.5 | 15.05 | 7.57 | 15.35 | 2.672 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 PANAMA AVE | 28 | 28 | 4.19 | 146 | 18.2 | 9.225 | 27.47 | 5.192 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 RAVENNA AVE | 45 | 41 | 3.26 | 82.8 | 8.038 | 5.2 | 12.22 | 1.822 | 1 | 0.0222 | 0.901 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 MARBELLA AVE | 34 | 33 | 2.6 | 17.9 | 7.246 | 5.42 | 3.982 | 0.683 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 NEPTUNE AVE | 40 | 39 | 0.44 | 18.6 | 5.741 | 4.395 | 3.771 | 0.596 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 PANAMA AVE | 18 | 18 | 2.26 | 27.8 | 8.758 | 6.415 | 6.549 | 1.544 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 RAVENNA AVE | 41 | 41 | 3.1 | 105 | 15.16 | 7.09 | 21.59 | 3.372 | 2 | 0.0488 | 0.614 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 MARBELLA AVE | 22 | 21 | 1.08 | 23.1 | 6.386 | 5.205 | 4.86 | 1.036 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 RAVENNA AVE | 37 | 37 | 3.05 | 43.1 | 8.319 | 5.01 | 8.381 | 1.378 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24725 NEPTUNE AVE | 35 | 34 | 2.95 | 111 | 9.84 | 4.67 | 18.26 | 3.087 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 MARBELLA AVE | 49 | 45 | 0.71 | 28.2 | 7.386 | 6.22 | 4.32 | 0.617 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 RAVENNA AVE | 37 | 33 | 1.73 | 17 | 4.863 | 3.62 | 3.555 | 0.584 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24727 MARBELLA AVE | 40 | 39 | 0.97 | 65.4 | 7.985 | 4.635 | 11.28 | 1.784 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 NEPTUNE AVE | 33 | 33 | 2.54 | 27.5 | 5.126 | 4.2 | 4.291 | 0.747 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 PANAMA AVE | 31 | 31 | 3.56 | 239 | 30.61 | 9.57 | 46.29 | 8.314 | 6 | 0.194 | 0.0039 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24729 NEPTUNE AVE | 35 | 34 | 3.17 | 155 | 13.44 | 5.42 | 25.98 | 4.392 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 PANAMA AVE | 34 | 34 | 3.84 | 52.4 | 8.81 | 7.395 | 8.157 | 1.399 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 RAVENNA AVE | 16 | 16 | 3.1 | 35 | 6.808 | 4.495 | 7.745 | 1.936 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 MARBELLA AVE | 37 | 36 | 1.22 | 27.3 | 6.788 | 5.22 | 5.494 | 0.903 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 NEPTUNE AVE | 35 | 34 | 1.71 | 26.4 | 5.983 | 3.45 | 5.677 | 0.96 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 PANAMA AVE | 33 | 32 | 2.63 | 48.6 | 8.739 | 5.55 | 9.064 | 1.578 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 RAVENNA AVE | 42 | 40 | 3.24 | 19.8 | 6.513 | 5.255 | 3.343 | 0.516 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 MARBELLA AVE | 32 | 32 | 1.36 | 18.8 | 7.021 | 6.425 | 4.401 | 0.778 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 PANAMA AVE | 38 | 35 | 4.58 | 98.7 | 14.78 | 10.4 | 17.35 | 2.815 | 1 | 0.0263 | 0.858 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 RAVENNA AVE | 40 | 39 | 4.01 | 30.2 | 7.407 | 6.285 | 4.485 | 0.709 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24735 NEPTUNE AVE | 36 | 36 | 2 | 25 | 7.423 | 5.305 | 5.397 | 0.899 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 MARBELLA AVE | 52 | 50 | 1.6 | 40.7 | 9.126 | 6.48 | 7.369 | 1.022 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 RAVENNA AVE | 43 | 41 | 2.41 | 12.3 | 5.69 | 4.97 | 2.056 | 0.314 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24737 MARBELLA AVE | 28 | 26 | 2.57 | 51 | 8.207 | 5.76 | 9.001 | 1.701 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 NEPTUNE AVE | 51 | 51 | 2.36 | 97.1 | 9.456 | 4.89 | 16.64 | 2.331 | 2 | 0.0392 | 0.731 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 PANAMA AVE | 32 | 32 | 2.29 | 103 | 18.54 | 8.485 | 23.7 | 4.19 | 3 | 0.0938 | 0.214 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 NEPTUNE AVE | 41 | 38 | 3.12 | 39.1 | 11.02 | 8.38 | 7.757 | 1.212 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 PANAMA AVE | 43 | 40 | 2.5 | 45 | 6.116 | 4.7 | 6.674 | 1.018 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 RAVENNA AVE | 42 | 40 | 3.12 | 27.2 | 7.532 | 5.69 | 5.013 | 0.774 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24740 MARBELLA AVE | 64 | 61 | 2.15 | 31 | 9.083 | 5.635 | 7.02 | 0.877 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24741 MARBELLA AVE | 12 | 12 | 3.7 | 20.9 | 9.676 | 7.635 | 5.577 | 1.61 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24743 RAVENNA AVE | 42 | 41 | 3.76 | 23.1 | 8.917 | 7.95 | 4.078 | 0.629 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24744 MARBELLA AVE | 25 | 25 | 4.01 | 23.6 | 8.797 | 6.97 | 4.676 | 0.935 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24748 RAVENNA AVE | 24 | 23 | 4.39 | 13.3 | 6.96 | 5.81 | 2.812 | 0.574 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24749 RAVENNA AVE | 43 | 41 | 3.84 | 163 | 15.68 | 10.1 | 24.34 | 3.712 | 1 | 0.0233 | 0.89 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24752 RAVENNA AVE | 45 | 42 | 3.42 | 265 | 13.79 | 7 | 38.81 | 5.786 | 1 | 0.0222 | 0.901 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24802 PANAMA AVE | 47 | 47 | 2.49 | 27.8 | 8.701 | 5.82 | 6.719 | 0.98 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 NEPTUNE AVE | 32 | 31 | 3.37 | 25 | 9.068 | 5.745 | 6.322 | 1.118 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 PANAMA AVE | 18 | 18 | 2.87 | 7.65 | 4.587 | 4.59 | 1.398 | 0.329 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 NEPTUNE AVE | 27 | 27 | 3.89 | 31 | 11.21 | 9.08 | 7.335 | 1.412 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 PANAMA AVE | 36 | 34 | 3.53 | 21.3 | 7.004 | 5.405 | 4.15 | 0.692 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24812 PANAMA AVE | 29 | 28 | 1.69 | 26.7 | 6.334 | 3.92 | 6.328 | 1.175 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24813 PANAMA AVE | 15 | 15 | 4.33 | 34.7 | 11.82 | 7.76 | 9.641 | 2.489 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Lead (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24815 NEPTUNE AVE | 30 | 29 | 3.5 | 51.2 | 15 | 11.45 | 11.48 | 2.096 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24818 PANAMA AVE | 34 | 33 | 2.21 | 88.1 | 10.12 | 4.795 | 18.97 | 3.254 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24819 PANAMA AVE | 34 | 32 | 3.65 | 267 | 17.18 | 6.58 | 46.1 | 7.907 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24822 PANAMA AVE | 43 | 39 | 2.74 | 82.9 | 10.58 | 5.38 | 14.73 | 2.246 | 1 | 0.0233 | 0.89 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24823 PANAMA AVE | 39 | 39 | 3.72 | 16.1 | 7.072 | 6.16 | 3.148 | 0.504 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24825 NEPTUNE AVE | 98 | 93 | 2.84 | 34.5 | 8.725 | 4.605 | 7.812 | 0.789 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24828 PANAMA AVE | 36 | 35 | 1.78 | 191 | 15.08 | 5.6 | 33.45 | 5.576 | 2 | 0.0556 | 0.543 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24829 PANAMA AVE | 48 | 48 | 4.44 | 24 | 7.756 | 6.65 | 3.709 | 0.535 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24832 PANAMA AVE | 38 | 37 | 3.36 | 23.7 | 8.772 | 7.09 | 5.557 | 0.901 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24833 PANAMA AVE | 43 | 40 | 4.26 | 34.8 | 8.933 | 7.08 | 5.59 | 0.852 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24838 PANAMA AVE | 28 | 28 | 3.01 | 90.7 | 12.5 | 7.95 | 16.73 | 3.163 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24904 NEPTUNE AVE | 74 | 69 | 2.71 | 47.3 | 12.1 | 8.83 | 8.92 | 1.037 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24912 NEPTUNE AVE | 36 | 36 | 3.1 | 48 | 10.44 | 7.03 | 9.78 | 1.63 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 301 244TH ST | 29 | 29 | 0.18 | 39.1 | 7.106 | 4.98 | 7.829 | 1.454 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 305 244TH ST | 54 | 52 | 3.72 | 115 | 16.93 | 8.31 | 24.16 | 3.288 | 3 | 0.0556 | 0.511 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 311 244TH ST | 71 | 70 | 2.74 | 254 | 38.69 | 13.3 | 54.88 | 6.513 | 13 | 0.183 | 4.60E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 317 244TH ST | 58 | 56 | 4.08 | 207 | 20.75 | 9.76 | 37.04 | 4.863 | 3 | 0.0517 | 0.559 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 321 244TH ST | 40 | 38 | 3.2 | 38.2 | 11.11 | 9.725 | 6.419 | 1.015 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 327 244TH ST | 12 | 12 | 7.23 | 12.7 | 8.59 | 8.265 | 1.473 | 0.425 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 331 244TH ST | 28 | 28 | 3.63 | 22.4 | 7.868 | 7.35 | 3.26 | 0.616 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 337 244TH ST | 34 | 33 | 3.16 | 15.6 | 7.549 | 7.22 | 2.482 | 0.426 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 341 244TH ST | 48 | 46 | 4.15 | 28.1 | 8.61 | 7.1 | 5.111 | 0.738 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 344 249TH ST | 35 | 34 | 4.17 | 65.7 | 12.58 | 9.3 | 11.6 | 1.961 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 345 249TH ST | 93 | 84 | 0.18 | 203 | 14.34 | 7.48 | 27.41 | 2.843 | 2 | 0.0215 | 0.95 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 347 244TH ST | 32 | 31 | 3.61 | 26.9 | 9.608 | 7.69 | 6.506 | 1.15 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 248TH ST | 49 | 49 | 2.98 | 26 | 7.449 | 5.32 | 5.483 | 0.783 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 249TH ST | 51 | 49 | 3.15 | 133 | 15.28 | 8.56 | 21.82 | 3.055 | 2 | 0.0392 | 0.731 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 351 244TH ST | 32 | 31 | 2.84 | 135 | 11.95 | 7.225 | 22.79 | 4.028 | 1 | 0.0313 | 0.806 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 352 249TH ST | 32 | 32 | 2.85 | 56.9 | 13.26 | 8.655 | 11.98 | 2.118 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 353 249TH ST | 32 | 32 | 3.05 | 24.6 | 7.154 | 5.955 | 4.387 | 0.776 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 354 248TH ST | 39 | 38 | 1.6 | 47.2 | 9.401 | 4.74 | 10.6 | 1.697 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 244TH ST | 40 | 39 | 3.05 | 15.9 | 7.739 | 7.465 | 3.096 | 0.49 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 249TH ST | 24 | 24 | 4.4 | 14.6 | 7.633 | 5.95 | 3.069 | 0.627 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 358 249TH ST | 43 | 43 | 0.56 | 39.4 | 7.38 | 4.57 | 7.528 | 1.148 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 360 248TH ST | 48 | 45 | 3.4 | 26.3 | 6.497 | 5.13 | 3.857 | 0.557 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 361 244TH ST | 23 | 23 | 2.81 | 18.1 | 7.638 | 6.99 | 3.973 | 0.828 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 362 249TH ST | 25 | 25 | 3.53 | 31.4 | 9.047 | 6.19 | 7.864 | 1.573 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 363 249TH ST | 27 | 27 | 4.65 | 81.8 | 18.25 | 7.27 | 19.37 | 3.728 | 1 | 0.037 | 0.75 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 364 248TH ST | 48 | 45 | 1.98 | 153 | 10.57 | 4.97 | 22.43 | 3.238 | 1 | 0.0208 | 0.915 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 244TH ST | 13 | 13 | 2.53 | 151 | 22.6 | 10.6 | 39.22 | 10.88 | 1 | 0.0769 | 0.487 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 249TH ST | 46 | 42 | 3.1 | 67.7 | 11.83 | 8.47 | 12 | 1.769 | 1 | 0.0217 | 0.906 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 368 249TH ST | 55 | 53 | 2.85 | 144 | 11.66 | 6.2 | 20.26 | 2.731 | 1 | 0.0182 | 0.94 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 373 249TH ST | 42 | 41 | 4.01 | 31.1 | 11.31 | 7.405 | 8.128 | 1.254 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 248TH ST | 120 | 111 | 1.83 | 241 | 14.97 | 7.125 | 30.92 | 2.823 | 4 | 0.0333 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 249TH ST | 27 | 26 | 3.57 | 32.9 | 9.639 | 6.57 | 8.351 | 1.607 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 244TH ST | 32 | 30 | 5.04 | 28.3 | 9.642 | 7.825 | 4.96 | 0.877 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 249TH ST | 33 | 33 | 0.5 | 26.2 | 6.162 | 4.62 | 6.134 | 1.068 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 378 249TH ST | 41 | 41 | 3.42 | 44.9 | 7.808 | 6.58 | 6.581 | 1.028 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 383 249TH ST | 32 | 32 | 3.83 | 24.7 | 9.507 | 7.245 | 5.758 | 1.018 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 402 249TH ST | 32 | 32 | 1.82 | 29.9 | 7.131 | 5.06 | 6.421 | 1.135 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 408 249TH ST | 24 | 24 | 3.42 | 127 | 14.39 | 6.975 | 24.68 | 5.038 | 1 | 0.0417 | 0.708 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 412 249TH ST | 77 | 71 | 1.34 | 381 | 17.26 | 6.89 | 46.27 | 5.273 | 3 | 0.039 | 0.747 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Thallium (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24401 MARBELLA AVE | 33 | 2 | 0.15 | 0.23 | 0.218 | 0.23 | 0.0291 | 0.00507 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 NEPTUNE AVE | 48 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.81E-16 | 4.05E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 PANAMA AVE | 127 | 12 | 0.23 | 0.74 | 0.253 | 0.23 | 0.0833 | 0.0074 | 12 | 0.0945 | | Reject H0, Conclude Site Proportion > 0.05 | |
| 24402 RAVENNA AVE | 40 | 3 | 0.1 | 0.3 | 0.203 | 0.23 | 0.057 | 0.00901 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 NEPTUNE AVE | 46 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.72E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 RAVENNA AVE | 62 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 3.08E-16 | 3.91E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24405 MARBELLA AVE | 25 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.42E-16 | 2.83E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 MARBELLA AVE | 40 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 4.00E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 NEPTUNE AVE | 28 | 2 | 0.15 | 0.23 | 0.173 | 0.15 | 0.0368 | 0.00696 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 PANAMA AVE | 23 | 2 | 0.1 | 0.23 | 0.196 | 0.23 | 0.0584 | 0.0122 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 RAVENNA AVE | 26 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.42E-16 | 2.78E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 NEPTUNE AVE | 24 | 2 | 0.15 | 0.23 | 0.19 | 0.19 | 0.0409 | 0.00834 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 RAVENNA AVE | 33 | 3 | 0.23 | 0.89 | 0.266 | 0.23 | 0.145 | 0.0253 | 2 | 0.0606 | 0.496 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24410 PANAMA AVE | 33 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.44E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 MARBELLA AVE | 69 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 3.08E-16 | 3.70E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 PANAMA AVE | 37 | 11 | 0.23 | 1.06 | 0.305 | 0.23 | 0.186 | 0.0306 | 10 | 0.27 | 9.76E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24412 MARBELLA AVE | 31 | 2 | 0.15 | 0.23 | 0.217 | 0.23 | 0.0299 | 0.00537 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 RAVENNA AVE | 61 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 3.08E-16 | 3.94E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 NEPTUNE AVE | 24 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.13E-16 | 2.32E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 RAVENNA AVE | 28 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.21E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 MARBELLA AVE | 50 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.97E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 NEPTUNE AVE | 21 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 8.53E-17 | 1.86E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 PANAMA AVE | 33 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.44E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 RAVENNA AVE | 42 | 2 | 0.1 | 0.23 | 0.211 | 0.23 | 0.046 | 0.0071 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 MARBELLA AVE | 8 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 PANAMA AVE | 47 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.81E-16 | 4.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 NEPTUNE AVE | 32 | 2 | 0.23 | 0.25 | 0.231 | 0.23 | 0.00354 | 0.000625 | 1 | 0.0313 | 0.806 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 RAVENNA AVE | 32 | 2 | 0.1 | 0.23 | 0.206 | 0.23 | 0.0516 | 0.00911 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24420 PANAMA AVE | 33 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.44E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24421 PANAMA AVE | 30 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.69E-16 | 3.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 MARBELLA AVE | 43 | 2 | 0.15 | 0.23 | 0.224 | 0.23 | 0.0206 | 0.00314 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 NEPTUNE AVE | 36 | 2 | 0.1 | 0.23 | 0.208 | 0.23 | 0.0491 | 0.00819 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 RAVENNA AVE | 29 | 2 | 0.23 | 0.4 | 0.236 | 0.23 | 0.0316 | 0.00586 | 1 | 0.0345 | 0.774 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 MARBELLA AVE | 13 | 2 | 0.23 | 0.31 | 0.236 | 0.23 | 0.0222 | 0.00615 | 1 | 0.0769 | 0.487 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 NEPTUNE AVE | 37 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.70E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 RAVENNA AVE | 40 | 2 | 0.1 | 0.23 | 0.211 | 0.23 | 0.047 | 0.00743 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 MARBELLA AVE | 24 | 2 | 0.1 | 0.23 | 0.208 | 0.23 | 0.0495 | 0.0101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 NEPTUNE AVE | 30 | 3 | 0.1 | 0.26 | 0.205 | 0.23 | 0.0537 | 0.0098 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 PANAMA AVE | 30 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.69E-16 | 3.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 RAVENNA AVE | 49 | 2 | 0.23 | 1.24 | 0.251 | 0.23 | 0.144 | 0.0206 | 1 | 0.0204 | 0.919 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 MARBELLA AVE | 25 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.42E-16 | 2.83E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 PANAMA AVE | 38 | 2 | 0.15 | 0.23 | 0.228 | 0.23 | 0.013 | 0.00211 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 NEPTUNE AVE | 19 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 5.70E-17 | 1.31E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 RAVENNA AVE | 29 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.15E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24430 PANAMA AVE | 30 | 2 | 0.1 | 0.23 | 0.217 | 0.23 | 0.0397 | 0.00724 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24431 PANAMA AVE | 35 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.81E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24432 MARBELLA AVE | 67 | 2 | 0.15 | 0.23 | 0.225 | 0.23 | 0.0191 | 0.00233 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24433 MARBELLA AVE | 27 | 2 | 0.1 | 0.23 | 0.196 | 0.23 | 0.0581 | 0.0112 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24436 PANAMA AVE | 35 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.81E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 MARBELLA AVE | 51 | 2 | 0.15 | 0.23 | 0.221 | 0.23 | 0.026 | 0.00365 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 NEPTUNE AVE | 58 | 2 | 0.1 | 0.23 | 0.217 | 0.23 | 0.0399 | 0.00524 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 PANAMA AVE | 48 | 4 | 0.1 | 0.29 | 0.216 | 0.23 | 0.0452 | 0.00652 | 2 | 0.0417 | 0.699 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 RAVENNA AVE | 44 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.81E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 MARBELLA AVE | 29 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.15E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Thallium (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24503 NEPTUNE AVE | 60 | 2 | 0.15 | 0.23 | 0.223 | 0.23 | 0.0223 | 0.00288 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 PANAMA AVE | 28 | 2 | 0.1 | 0.23 | 0.225 | 0.23 | 0.0246 | 0.00464 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 RAVENNA AVE | 34 | 4 | 0.15 | 0.28 | 0.227 | 0.23 | 0.0214 | 0.00367 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24506 MARBELLA AVE | 36 | 11 | 0.23 | 0.61 | 0.281 | 0.23 | 0.0877 | 0.0146 | 14 | 0.389 | 8.12E-10 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24507 MARBELLA AVE | 36 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.75E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 NEPTUNE AVE | 40 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 4.00E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 PANAMA AVE | 24 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.13E-16 | 2.32E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 RAVENNA AVE | 39 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.60E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 NEPTUNE AVE | 31 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.98E-16 | 3.55E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 PANAMA AVE | 47 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.81E-16 | 4.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 RAVENNA AVE | 37 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.70E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 MARBELLA AVE | 48 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.81E-16 | 4.05E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 NEPTUNE AVE | 36 | 1 | 0.15 | 0.15 | 0.15 | 0.15 | 5.63E-17 | 9.38E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 PANAMA AVE | 28 | 2 | 0.23 | 0.42 | 0.237 | 0.23 | 0.0359 | 0.00679 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 RAVENNA AVE | 46 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.72E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 NEPTUNE AVE | 37 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.70E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 PANAMA AVE | 51 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.93E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 RAVENNA AVE | 30 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.69E-16 | 3.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24516 MARBELLA AVE | 30 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.69E-16 | 3.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24517 MARBELLA AVE | 12 | 2 | 0.1 | 0.23 | 0.187 | 0.23 | 0.064 | 0.0185 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 NEPTUNE AVE | 45 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.77E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 PANAMA AVE | 42 | 4 | 0.1 | 0.31 | 0.215 | 0.23 | 0.0494 | 0.00763 | 2 | 0.0476 | 0.628 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 RAVENNA AVE | 30 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.69E-16 | 3.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 NEPTUNE AVE | 35 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.81E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 PANAMA AVE | 30 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.69E-16 | 3.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 MARBELLA AVE | 27 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.27E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 NEPTUNE AVE | 28 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.21E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 PANAMA AVE | 36 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.75E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 RAVENNA AVE | 35 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.81E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 MARBELLA AVE | 45 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.77E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 NEPTUNE AVE | 37 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.70E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 RAVENNA AVE | 17 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24526 MARBELLA AVE | 36 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.75E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 NEPTUNE AVE | 31 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.98E-16 | 3.55E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 PANAMA AVE | 39 | 1 | 0.15 | 0.15 | 0.15 | 0.15 | 8.44E-17 | 1.35E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 NEPTUNE AVE | 32 | 14 | 0.23 | 0.84 | 0.35 | 0.27 | 0.169 | 0.0299 | 17 | 0.531 | 2.09E-14 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24529 PANAMA AVE | 24 | 2 | 0.15 | 0.23 | 0.177 | 0.15 | 0.0385 | 0.00786 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 RAVENNA AVE | 26 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.42E-16 | 2.78E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 MARBELLA AVE | 27 | 2 | 0.1 | 0.23 | 0.191 | 0.23 | 0.0605 | 0.0116 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 NEPTUNE AVE | 21 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 8.53E-17 | 1.86E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 PANAMA AVE | 23 | 1 | 0.15 | 0.15 | 0.15 | 0.15 | 5.68E-17 | 1.18E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 RAVENNA AVE | 29 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.15E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 MARBELLA AVE | 25 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.42E-16 | 2.83E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 PANAMA AVE | 29 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.15E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 RAVENNA AVE | 52 | 3 | 0.15 | 0.29 | 0.219 | 0.23 | 0.0308 | 0.00427 | 1 | 0.0192 | 0.931 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 MARBELLA AVE | 34 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.38E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 NEPTUNE AVE | 33 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.44E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 PANAMA AVE | 40 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 4.00E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 RAVENNA AVE | 28 | 4 | 0.23 | 0.38 | 0.241 | 0.23 | 0.0339 | 0.0064 | 3 | 0.107 | 0.163 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 MARBELLA AVE | 26 | 7 | 0.1 | 0.98 | 0.263 | 0.23 | 0.194 | 0.038 | 5 | 0.192 | 0.00851 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24603 NEPTUNE AVE | 49 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 4.01E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 PANAMA AVE | 30 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.69E-16 | 3.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 RAVENNA AVE | 31 | 23 | 0.1 | 3.47 | 1.886 | 2.12 | 1.345 | 0.242 | 21 | 0.677 | 1.30E-20 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24606 MARBELLA AVE | 63 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 3.08E-16 | 3.88E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Thallium (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24607 MARBELLA AVE | 31 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.98E-16 | 3.55E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 NEPTUNE AVE | 37 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.70E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 PANAMA AVE | 22 | 15 | 0.23 | 2.52 | 1.43 | 1.97 | 0.97 | 0.207 | 14 | 0.636 | 1.33E-13 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24608 RAVENNA AVE | 40 | 2 | 0.15 | 0.23 | 0.228 | 0.23 | 0.0126 | 0.002 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 NEPTUNE AVE | 30 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.69E-16 | 3.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 PANAMA AVE | 34 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.38E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 RAVENNA AVE | 45 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.77E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 MARBELLA AVE | 51 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.93E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 NEPTUNE AVE | 47 | 17 | 0.15 | 0.58 | 0.278 | 0.23 | 0.108 | 0.0158 | 17 | 0.362 | 4.92E-11 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24612 PANAMA AVE | 33 | 6 | 0.15 | 0.34 | 0.165 | 0.15 | 0.0418 | 0.00727 | 2 | 0.0606 | 0.496 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 RAVENNA AVE | 46 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.72E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 MARBELLA AVE | 52 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.89E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 NEPTUNE AVE | 39 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.60E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 PANAMA AVE | 51 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.93E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 RAVENNA AVE | 33 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.44E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24616 MARBELLA AVE | 46 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.72E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24617 MARBELLA AVE | 34 | 19 | 0.23 | 1.2 | 0.494 | 0.36 | 0.296 | 0.0507 | 21 | 0.618 | 2.34E-19 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24618 NEPTUNE AVE | 26 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.42E-16 | 2.78E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 PANAMA AVE | 28 | 2 | 0.15 | 0.23 | 0.219 | 0.23 | 0.0285 | 0.00539 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 RAVENNA AVE | 40 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 4.00E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 NEPTUNE AVE | 28 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.21E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 PANAMA AVE | 38 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.65E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 RAVENNA AVE | 35 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.81E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 MARBELLA AVE | 53 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.85E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 NEPTUNE AVE | 34 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.38E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 MARBELLA AVE | 32 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.49E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 NEPTUNE AVE | 36 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.75E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24627 MARBELLA AVE | 48 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.81E-16 | 4.05E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 MARBELLA AVE | 52 | 6 | 0.23 | 0.44 | 0.24 | 0.23 | 0.0368 | 0.0051 | 5 | 0.0962 | 0.117 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 NEPTUNE AVE | 18 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.86E-17 | 6.73E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24629 NEPTUNE AVE | 39 | 2 | 0.23 | 0.32 | 0.232 | 0.23 | 0.0144 | 0.00231 | 1 | 0.0256 | 0.865 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24632 NEPTUNE AVE | 20 | 2 | 0.1 | 0.23 | 0.211 | 0.23 | 0.0476 | 0.0106 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24633 MARBELLA AVE | 40 | 1 | 0.15 | 0.15 | 0.15 | 0.15 | 8.43E-17 | 1.33E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 MARBELLA AVE | 46 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.72E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 RAVENNA AVE | 56 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.74E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 NEPTUNE AVE | 46 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.72E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 PANAMA AVE | 30 | 2 | 0.23 | 0.28 | 0.232 | 0.23 | 0.00913 | 0.00167 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 MARBELLA AVE | 36 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.75E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 NEPTUNE AVE | 39 | 2 | 0.1 | 0.23 | 0.21 | 0.23 | 0.0475 | 0.00761 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 RAVENNA AVE | 53 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.85E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 MARBELLA AVE | 43 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.86E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 RAVENNA AVE | 33 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.44E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24707 MARBELLA AVE | 37 | 10 | 0.23 | 0.54 | 0.262 | 0.23 | 0.0722 | 0.0119 | 9 | 0.243 | 6.75E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24708 PANAMA AVE | 37 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.70E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 NEPTUNE AVE | 37 | 4 | 0.23 | 0.36 | 0.236 | 0.23 | 0.0244 | 0.00401 | 3 | 0.0811 | 0.282 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 PANAMA AVE | 43 | 2 | 0.1 | 0.23 | 0.2 | 0.23 | 0.0556 | 0.00847 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 RAVENNA AVE | 52 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.89E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24710 MARBELLA AVE | 43 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.86E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 NEPTUNE AVE | 32 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.49E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 PANAMA AVE | 27 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.27E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 RAVENNA AVE | 45 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.77E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 MARBELLA AVE | 37 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.70E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 PANAMA AVE | 34 | 5 | 0.23 | 0.36 | 0.241 | 0.23 | 0.0321 | 0.00551 | 6 | 0.176 | 0.00627 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24713 RAVENNA AVE | 35 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.81E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Thallium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24715 NEPTUNE AVE | 37 | 2 | 0.15 | 0.23 | 0.221 | 0.23 | 0.0252 | 0.00414 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 MARBELLA AVE | 30 | 12 | 0.23 | 0.78 | 0.336 | 0.23 | 0.162 | 0.0295 | 13 | 0.433 | 6.53E-10 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24716 RAVENNA AVE | 15 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24717 MARBELLA AVE | 38 | 4 | 0.23 | 0.32 | 0.235 | 0.23 | 0.0191 | 0.0031 | 3 | 0.0789 | 0.296 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 NEPTUNE AVE | 65 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 3.08E-16 | 3.82E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 PANAMA AVE | 33 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.44E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 NEPTUNE AVE | 33 | 2 | 0.23 | 0.24 | 0.23 | 0.23 | 0.00174 | 0.00030303 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 PANAMA AVE | 28 | 3 | 0.23 | 0.35 | 0.236 | 0.23 | 0.0242 | 0.00458 | 2 | 0.0714 | 0.412 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 RAVENNA AVE | 45 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.77E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 MARBELLA AVE | 34 | 11 | 0.23 | 0.42 | 0.263 | 0.23 | 0.0523 | 0.00896 | 14 | 0.412 | 3.27E-10 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24722 NEPTUNE AVE | 40 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 4.00E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 PANAMA AVE | 18 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.86E-17 | 6.73E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 RAVENNA AVE | 41 | 2 | 0.23 | 0.26 | 0.231 | 0.23 | 0.00469 | 0.00073171 | 1 | 0.0244 | 0.878 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 MARBELLA AVE | 22 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 8.52E-17 | 1.82E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 RAVENNA AVE | 37 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.70E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24725 NEPTUNE AVE | 35 | 2 | 0.1 | 0.23 | 0.208 | 0.23 | 0.0497 | 0.0084 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 MARBELLA AVE | 49 | 2 | 0.23 | 0.25 | 0.23 | 0.23 | 0.00286 | 0.00040816 | 1 | 0.0204 | 0.919 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 RAVENNA AVE | 37 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.70E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24727 MARBELLA AVE | 40 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 4.00E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 NEPTUNE AVE | 33 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.44E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 PANAMA AVE | 31 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.98E-16 | 3.55E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 NEPTUNE AVE | 35 | 2 | 0.1 | 0.23 | 0.208 | 0.23 | 0.0497 | 0.0084 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 PANAMA AVE | 34 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.38E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 RAVENNA AVE | 16 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 MARBELLA AVE | 37 | 4 | 0.23 | 0.31 | 0.234 | 0.23 | 0.0164 | 0.0027 | 3 | 0.0811 | 0.282 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 NEPTUNE AVE | 35 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.81E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 PANAMA AVE | 33 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.44E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 RAVENNA AVE | 42 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.90E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 MARBELLA AVE | 32 | 7 | 0.23 | 0.83 | 0.282 | 0.23 | 0.129 | 0.0228 | 6 | 0.188 | 0.0046 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24733 PANAMA AVE | 38 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.65E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 RAVENNA AVE | 40 | 4 | 0.23 | 0.47 | 0.241 | 0.23 | 0.0399 | 0.00631 | 5 | 0.125 | 0.048 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24735 NEPTUNE AVE | 36 | 20 | 0.23 | 0.57 | 0.338 | 0.325 | 0.0994 | 0.0166 | 28 | 0.778 | 7.59E-30 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24736 MARBELLA AVE | 52 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.89E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 RAVENNA AVE | 43 | 2 | 0.15 | 0.23 | 0.219 | 0.23 | 0.028 | 0.00428 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24737 MARBELLA AVE | 28 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.21E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 NEPTUNE AVE | 51 | 2 | 0.1 | 0.23 | 0.215 | 0.23 | 0.0423 | 0.00592 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 PANAMA AVE | 32 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.49E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 NEPTUNE AVE | 41 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.95E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 PANAMA AVE | 43 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.86E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 RAVENNA AVE | 42 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.90E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24740 MARBELLA AVE | 64 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 3.08E-16 | 3.85E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24741 MARBELLA AVE | 12 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24743 RAVENNA AVE | 42 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.90E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24744 MARBELLA AVE | 25 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.42E-16 | 2.83E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24748 RAVENNA AVE | 24 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.13E-16 | 2.32E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24749 RAVENNA AVE | 43 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.86E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24752 RAVENNA AVE | 45 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.77E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24802 PANAMA AVE | 47 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.81E-16 | 4.09E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 NEPTUNE AVE | 32 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.49E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 PANAMA AVE | 18 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.86E-17 | 6.73E-18 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 NEPTUNE AVE | 27 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.27E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 PANAMA AVE | 36 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.75E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24812 PANAMA AVE | 29 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.15E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24813 PANAMA AVE | 15 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Thallium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24815 NEPTUNE AVE | 30 | 2 | 0.1 | 0.23 | 0.217 | 0.23 | 0.0397 | 0.00724 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24818 PANAMA AVE | 34 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.38E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24819 PANAMA AVE | 34 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.38E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24822 PANAMA AVE | 43 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.86E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24823 PANAMA AVE | 39 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.60E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24825 NEPTUNE AVE | 98 | 2 | 0.1 | 0.23 | 0.222 | 0.23 | 0.0313 | 0.00316 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24828 PANAMA AVE | 36 | 2 | 0.15 | 0.23 | 0.228 | 0.23 | 0.0133 | 0.00222 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24829 PANAMA AVE | 48 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.81E-16 | 4.05E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24832 PANAMA AVE | 38 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.65E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24833 PANAMA AVE | 43 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.86E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24838 PANAMA AVE | 28 | 2 | 0.1 | 0.23 | 0.202 | 0.23 | 0.0543 | 0.0103 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24904 NEPTUNE AVE | 74 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 3.35E-16 | 3.90E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24912 NEPTUNE AVE | 36 | 2 | 0.1 | 0.23 | 0.208 | 0.23 | 0.0491 | 0.00819 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 301 244TH ST | 29 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.15E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 305 244TH ST | 54 | 2 | 0.15 | 0.23 | 0.215 | 0.23 | 0.0314 | 0.00427 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 311 244TH ST | 71 | 9 | 0.15 | 0.36 | 0.215 | 0.23 | 0.0365 | 0.00433 | 3 | 0.0423 | 0.695 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 317 244TH ST | 58 | 3 | 0.15 | 0.23 | 0.219 | 0.23 | 0.0271 | 0.00355 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 321 244TH ST | 40 | 4 | 0.23 | 0.31 | 0.234 | 0.23 | 0.0168 | 0.00265 | 3 | 0.075 | 0.323 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 327 244TH ST | 12 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 0 | 0 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 331 244TH ST | 28 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.21E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 337 244TH ST | 34 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.38E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 341 244TH ST | 48 | 8 | 0.23 | 0.57 | 0.264 | 0.23 | 0.0902 | 0.013 | 9 | 0.188 | 0.00055373 | Reject H0, Conclude Site Proportion > 0.05 | |
| 344 249TH ST | 35 | 5 | 0.23 | 0.37 | 0.239 | 0.23 | 0.0291 | 0.00493 | 4 | 0.114 | 0.0958 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 345 249TH ST | 93 | 38 | 0.1 | 3.47 | 1.465 | 0.23 | 1.377 | 0.143 | 43 | 0.462 | 5.86E-31 | Reject H0, Conclude Site Proportion > 0.05 | |
| 347 244TH ST | 32 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.49E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 248TH ST | 49 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 4.01E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 249TH ST | 51 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.93E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 351 244TH ST | 32 | 2 | 0.1 | 0.23 | 0.206 | 0.23 | 0.0516 | 0.00911 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 352 249TH ST | 32 | 2 | 0.1 | 0.23 | 0.206 | 0.23 | 0.0516 | 0.00911 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 353 249TH ST | 32 | 2 | 0.23 | 0.29 | 0.232 | 0.23 | 0.0106 | 0.00188 | 1 | 0.0313 | 0.806 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 354 248TH ST | 39 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.25E-16 | 3.60E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 244TH ST | 40 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 4.00E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 249TH ST | 24 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.13E-16 | 2.32E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 358 249TH ST | 43 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.86E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 360 248TH ST | 48 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.81E-16 | 4.05E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 361 244TH ST | 23 | 8 | 0.1 | 0.76 | 0.243 | 0.23 | 0.151 | 0.0315 | 6 | 0.261 | 0.00075351 | Reject H0, Conclude Site Proportion > 0.05 | |
| 362 249TH ST | 25 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.42E-16 | 2.83E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 363 249TH ST | 27 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.27E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 364 248TH ST | 48 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.81E-16 | 4.05E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 244TH ST | 13 | 2 | 0.23 | 0.27 | 0.233 | 0.23 | 0.0111 | 0.00308 | 1 | 0.0769 | 0.487 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 249TH ST | 46 | 3 | 0.23 | 0.35 | 0.233 | 0.23 | 0.0181 | 0.00267 | 2 | 0.0435 | 0.677 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 368 249TH ST | 55 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.80E-16 | 3.78E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 373 249TH ST | 42 | 2 | 0.15 | 0.23 | 0.217 | 0.23 | 0.0302 | 0.00466 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 248TH ST | 120 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 3.62E-16 | 3.31E-17 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 249TH ST | 27 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.70E-16 | 3.27E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 244TH ST | 32 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.49E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 249TH ST | 33 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.44E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 378 249TH ST | 41 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 2.53E-16 | 3.95E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 383 249TH ST | 32 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.49E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 402 249TH ST | 32 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.97E-16 | 3.49E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 408 249TH ST | 24 | 1 | 0.23 | 0.23 | 0.23 | 0.23 | 1.13E-16 | 2.32E-17 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 412 249TH ST | 77 | 57 | 0.1 | 3.17 | 0.921 | 0.76 | 0.679 | 0.0773 | 64 | 0.831 | 5.17E-70 | Reject H0, Conclude Site Proportion > 0.05 | |

**One Sample Proportion Test Results - Vanadium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24401 MARBELLA AVE | 33 | 32 | 23 | 57.6 | 39.28 | 38.1 | 7.168 | 1.248 | 5 | 0.152 | 0.023 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24402 NEPTUNE AVE | 48 | 36 | 28.9 | 49.1 | 34.92 | 34.45 | 3.759 | 0.543 | 1 | 0.0208 | 0.915 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 PANAMA AVE | 127 | 106 | 7.95 | 58.7 | 36.44 | 36.5 | 9.126 | 0.81 | 21 | 0.165 | | Reject H0, Conclude Site Proportion > 0.05 | |
| 24402 RAVENNA AVE | 40 | 38 | 29 | 52.1 | 37.61 | 37.1 | 5.475 | 0.866 | 3 | 0.075 | 0.323 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 NEPTUNE AVE | 46 | 38 | 26 | 73.5 | 36.57 | 34.4 | 8.473 | 1.249 | 4 | 0.087 | 0.197 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 RAVENNA AVE | 62 | 53 | 21.9 | 48.3 | 37 | 36.95 | 5.082 | 0.645 | 3 | 0.0484 | 0.605 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24405 MARBELLA AVE | 25 | 23 | 21.4 | 55.6 | 36.03 | 35.5 | 7.908 | 1.582 | 2 | 0.08 | 0.358 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 MARBELLA AVE | 40 | 38 | 26.8 | 46.3 | 36.03 | 36.6 | 5.525 | 0.874 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 NEPTUNE AVE | 28 | 27 | 23.6 | 46.8 | 34.55 | 33.85 | 5.988 | 1.132 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 PANAMA AVE | 23 | 21 | 20.7 | 46.8 | 33.41 | 32.6 | 6.114 | 1.275 | 1 | 0.0435 | 0.693 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 RAVENNA AVE | 26 | 24 | 24.9 | 42.2 | 33.45 | 33.15 | 4.429 | 0.869 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 NEPTUNE AVE | 24 | 23 | 23.9 | 41.4 | 31.75 | 31.55 | 4.2 | 0.857 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 RAVENNA AVE | 33 | 32 | 27.4 | 43.5 | 35.15 | 34.9 | 4.06 | 0.707 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24410 PANAMA AVE | 33 | 30 | 17.2 | 59.9 | 30.82 | 31.1 | 8.129 | 1.415 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 MARBELLA AVE | 69 | 59 | 22.6 | 55.1 | 36.54 | 36.2 | 6.582 | 0.792 | 6 | 0.087 | 0.131 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 PANAMA AVE | 37 | 33 | 24.6 | 49.2 | 36.06 | 36.3 | 5.691 | 0.936 | 3 | 0.0811 | 0.282 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 MARBELLA AVE | 31 | 29 | 27.1 | 61.9 | 39.94 | 38.5 | 7.53 | 1.352 | 5 | 0.161 | 0.0179 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24412 RAVENNA AVE | 61 | 55 | 24.1 | 48.5 | 36.52 | 36.1 | 5.771 | 0.739 | 3 | 0.0492 | 0.594 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 NEPTUNE AVE | 24 | 24 | 23.7 | 42 | 30.91 | 30.55 | 4.433 | 0.905 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 RAVENNA AVE | 28 | 27 | 18.6 | 57.3 | 31.23 | 30.5 | 7.364 | 1.392 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 MARBELLA AVE | 50 | 45 | 24.3 | 67.1 | 37.14 | 36.5 | 9.152 | 1.294 | 7 | 0.14 | 0.0118 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24416 NEPTUNE AVE | 21 | 21 | 23.4 | 39.5 | 32.45 | 32.5 | 5.001 | 1.091 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 PANAMA AVE | 33 | 29 | 15.9 | 46.1 | 28.31 | 26.3 | 6.991 | 1.217 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 RAVENNA AVE | 42 | 37 | 23.8 | 43.5 | 34.63 | 34.8 | 4.249 | 0.656 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 MARBELLA AVE | 8 | 8 | 31.8 | 49.7 | 40.18 | 39.75 | 6.257 | 2.212 | 2 | 0.25 | 0.0572 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 PANAMA AVE | 47 | 41 | 20.3 | 45.7 | 34.49 | 34 | 6.028 | 0.879 | 1 | 0.0213 | 0.91 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 NEPTUNE AVE | 32 | 28 | 22.3 | 41.2 | 31.78 | 31.9 | 4.472 | 0.79 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 RAVENNA AVE | 32 | 30 | 18 | 40.3 | 30.12 | 31.25 | 6.012 | 1.063 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24420 PANAMA AVE | 33 | 31 | 8.37 | 42.7 | 26.66 | 26.3 | 6.9 | 1.201 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24421 PANAMA AVE | 30 | 30 | 20.3 | 43.8 | 31.31 | 30.8 | 5.791 | 1.057 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 MARBELLA AVE | 43 | 38 | 18.6 | 39 | 31.32 | 32 | 5.029 | 0.767 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 NEPTUNE AVE | 36 | 33 | 23.8 | 42.2 | 32.51 | 32.65 | 4.895 | 0.816 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 RAVENNA AVE | 29 | 25 | 27.1 | 49.1 | 34.71 | 34.3 | 4.218 | 0.783 | 1 | 0.0345 | 0.774 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 MARBELLA AVE | 13 | 13 | 28.5 | 54.6 | 38.34 | 37.7 | 7.415 | 2.057 | 2 | 0.154 | 0.135 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 NEPTUNE AVE | 37 | 35 | 21.9 | 42.6 | 31.74 | 32 | 4.323 | 0.711 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 RAVENNA AVE | 40 | 35 | 19.8 | 39 | 28.26 | 27.75 | 4.841 | 0.765 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 MARBELLA AVE | 24 | 24 | 22.3 | 39.6 | 32.9 | 34.8 | 5.324 | 1.087 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 NEPTUNE AVE | 30 | 29 | 23.4 | 42.5 | 32.6 | 31.65 | 5.341 | 0.975 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 PANAMA AVE | 30 | 28 | 9.9 | 45.1 | 29.74 | 28.5 | 9.423 | 1.72 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 RAVENNA AVE | 49 | 45 | 21.3 | 47.6 | 34.06 | 33.5 | 5.883 | 0.84 | 3 | 0.0612 | 0.446 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 MARBELLA AVE | 25 | 25 | 22 | 53.2 | 40.49 | 42.7 | 8.377 | 1.675 | 9 | 0.36 | 1.92E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24427 PANAMA AVE | 38 | 37 | 23 | 47.4 | 34.51 | 34.25 | 5.086 | 0.825 | 1 | 0.0263 | 0.858 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 NEPTUNE AVE | 19 | 19 | 29.7 | 40.3 | 34.83 | 35.6 | 2.948 | 0.676 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 RAVENNA AVE | 29 | 24 | 20.1 | 45.3 | 30.96 | 30.9 | 4.901 | 0.91 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24430 PANAMA AVE | 30 | 30 | 10.1 | 49.5 | 28.98 | 28.1 | 10.18 | 1.859 | 2 | 0.0667 | 0.446 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24431 PANAMA AVE | 35 | 30 | 28.6 | 52.6 | 36.91 | 36.5 | 5.084 | 0.859 | 2 | 0.0571 | 0.528 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24432 MARBELLA AVE | 67 | 54 | 23.4 | 45.6 | 33.66 | 34 | 4.786 | 0.585 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24433 MARBELLA AVE | 27 | 25 | 30.7 | 63.5 | 39.65 | 37.7 | 6.557 | 1.262 | 4 | 0.148 | 0.0437 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24436 PANAMA AVE | 35 | 33 | 7.26 | 39.6 | 24.86 | 28.4 | 8.479 | 1.433 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 MARBELLA AVE | 51 | 46 | 18.7 | 72.7 | 34.38 | 32.2 | 10.05 | 1.407 | 4 | 0.0784 | 0.251 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 NEPTUNE AVE | 58 | 47 | 18.8 | 34.7 | 26.98 | 27.2 | 3.353 | 0.44 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 PANAMA AVE | 48 | 45 | 5.57 | 49.2 | 27.16 | 29.45 | 9.512 | 1.373 | 1 | 0.0208 | 0.915 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 RAVENNA AVE | 44 | 34 | 22.9 | 36.1 | 30.83 | 31.4 | 3.05 | 0.46 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 MARBELLA AVE | 29 | 28 | 28.9 | 48.9 | 40.54 | 40 | 5.159 | 0.958 | 6 | 0.207 | 0.00274 | Reject H0, Conclude Site Proportion > 0.05 | |

**One Sample Proportion Test Results - Vanadium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24503 NEPTUNE AVE | 60 | 46 | 9.7 | 46.8 | 34.02 | 33.75 | 5.855 | 0.756 | 2 | 0.0333 | 0.808 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 PANAMA AVE | 28 | 27 | 17.4 | 43.3 | 34.75 | 35.2 | 5.498 | 1.039 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 RAVENNA AVE | 34 | 32 | 22.7 | 43 | 29.74 | 28.1 | 5.487 | 0.941 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24506 MARBELLA AVE | 36 | 34 | 18.9 | 82.1 | 35.81 | 35 | 10.18 | 1.697 | 2 | 0.0556 | 0.543 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24507 MARBELLA AVE | 36 | 33 | 25.6 | 79.2 | 45.55 | 42.35 | 9.875 | 1.646 | 12 | 0.333 | 9.87E-08 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24508 NEPTUNE AVE | 40 | 34 | 23.2 | 41 | 31.91 | 32.2 | 4.099 | 0.648 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 PANAMA AVE | 24 | 23 | 10.1 | 36.7 | 26.71 | 30.95 | 9.117 | 1.861 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 RAVENNA AVE | 39 | 38 | 21.4 | 42.7 | 32.58 | 32.7 | 5.413 | 0.867 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 NEPTUNE AVE | 31 | 30 | 11.7 | 41.2 | 30.79 | 31 | 5.764 | 1.035 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 PANAMA AVE | 47 | 42 | 20.6 | 38.7 | 30.81 | 31.1 | 4.68 | 0.683 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 RAVENNA AVE | 37 | 32 | 23.5 | 47.5 | 31.66 | 31.9 | 5.752 | 0.946 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 MARBELLA AVE | 48 | 45 | 28 | 54.7 | 39.67 | 39.85 | 6.855 | 0.989 | 9 | 0.188 | 0.00055373 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24512 NEPTUNE AVE | 36 | 34 | 21.3 | 57.2 | 31.77 | 30.4 | 6.33 | 1.055 | 1 | 0.0278 | 0.842 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 PANAMA AVE | 28 | 27 | 6.44 | 35.5 | 23.55 | 27.55 | 9.937 | 1.878 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 RAVENNA AVE | 46 | 45 | 19.8 | 46.5 | 30.62 | 30.9 | 5.273 | 0.777 | 1 | 0.0217 | 0.906 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 NEPTUNE AVE | 37 | 34 | 19.3 | 46.9 | 33.55 | 34.6 | 6.123 | 1.007 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 PANAMA AVE | 51 | 45 | 16.3 | 62.9 | 28.97 | 28.2 | 6.95 | 0.973 | 1 | 0.0196 | 0.927 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 RAVENNA AVE | 30 | 29 | 19.2 | 42.6 | 31.11 | 30.25 | 5.894 | 1.076 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24516 MARBELLA AVE | 30 | 27 | 22.6 | 48.3 | 34.22 | 34.8 | 5.764 | 1.052 | 1 | 0.0333 | 0.785 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24517 MARBELLA AVE | 12 | 11 | 37.8 | 63 | 43.29 | 39.4 | 7.45 | 2.151 | 4 | 0.333 | 0.00224 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24518 NEPTUNE AVE | 45 | 43 | 20.1 | 43.7 | 31.2 | 32.2 | 6.365 | 0.949 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 PANAMA AVE | 42 | 41 | 5.7 | 36.8 | 23.52 | 27 | 9.809 | 1.514 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 RAVENNA AVE | 30 | 29 | 21 | 39.9 | 30.04 | 30.25 | 5.096 | 0.93 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 NEPTUNE AVE | 35 | 33 | 24.3 | 41.7 | 32.21 | 32.2 | 5.011 | 0.847 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 PANAMA AVE | 30 | 28 | 10.2 | 38.8 | 28.04 | 29.75 | 6.699 | 1.223 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 MARBELLA AVE | 27 | 27 | 21.5 | 55.9 | 40.39 | 42.4 | 8.124 | 1.563 | 7 | 0.259 | 0.00028544 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24522 NEPTUNE AVE | 28 | 28 | 22 | 43.4 | 32.52 | 33.9 | 6.013 | 1.136 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 PANAMA AVE | 36 | 35 | 4.69 | 40.6 | 22.24 | 24 | 9.749 | 1.625 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 RAVENNA AVE | 35 | 32 | 6.93 | 38 | 27.38 | 28.4 | 6.82 | 1.153 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 MARBELLA AVE | 45 | 40 | 22.7 | 50.1 | 38.5 | 40.1 | 5.738 | 0.855 | 2 | 0.0444 | 0.665 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 NEPTUNE AVE | 37 | 35 | 24.7 | 53.7 | 36.2 | 35.4 | 7.151 | 1.176 | 4 | 0.108 | 0.112 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 RAVENNA AVE | 17 | 16 | 21.3 | 36 | 29.13 | 29 | 3.565 | 0.865 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24526 MARBELLA AVE | 36 | 34 | 20.4 | 51.2 | 37.43 | 38.4 | 6.264 | 1.044 | 2 | 0.0556 | 0.543 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 NEPTUNE AVE | 31 | 29 | 9.83 | 40.1 | 23.52 | 21.9 | 8.235 | 1.479 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 PANAMA AVE | 39 | 36 | 6.17 | 33 | 20.89 | 22.1 | 6.864 | 1.099 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 NEPTUNE AVE | 32 | 27 | 23.4 | 47.5 | 33.46 | 31.9 | 6.307 | 1.115 | 3 | 0.0938 | 0.214 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 PANAMA AVE | 24 | 24 | 4.77 | 35 | 22.5 | 23.25 | 8.487 | 1.732 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 RAVENNA AVE | 26 | 25 | 8.86 | 42.3 | 27.02 | 27.4 | 8.389 | 1.645 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 MARBELLA AVE | 27 | 26 | 18.4 | 86 | 38.15 | 37.6 | 12.67 | 2.438 | 3 | 0.111 | 0.15 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 NEPTUNE AVE | 21 | 21 | 13.7 | 60.6 | 26.18 | 24 | 11.41 | 2.49 | 1 | 0.0476 | 0.659 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 PANAMA AVE | 23 | 22 | 9.33 | 29.2 | 22.28 | 23.4 | 4.956 | 1.033 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 RAVENNA AVE | 29 | 28 | 7.64 | 40.5 | 26.29 | 28.8 | 9.619 | 1.786 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 MARBELLA AVE | 25 | 22 | 25 | 70.6 | 39.26 | 38.6 | 8.112 | 1.622 | 1 | 0.04 | 0.723 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 PANAMA AVE | 29 | 26 | 7.28 | 36 | 23.83 | 24.2 | 6.917 | 1.284 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 RAVENNA AVE | 52 | 44 | 7.8 | 38 | 25.55 | 26.5 | 8.636 | 1.198 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 MARBELLA AVE | 34 | 28 | 18.5 | 72.3 | 37.74 | 36 | 10.44 | 1.79 | 7 | 0.206 | 0.00127 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24602 NEPTUNE AVE | 33 | 28 | 14.3 | 38.3 | 25.1 | 22.6 | 6.754 | 1.176 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 PANAMA AVE | 40 | 39 | 6.54 | 46.7 | 23.47 | 23.55 | 7.114 | 1.125 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 RAVENNA AVE | 28 | 28 | 11.9 | 47 | 30.11 | 30.65 | 8.603 | 1.626 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 MARBELLA AVE | 26 | 26 | 29.6 | 59.2 | 42.37 | 40.85 | 8.16 | 1.6 | 10 | 0.385 | 2.47E-07 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24603 NEPTUNE AVE | 49 | 45 | 9.61 | 43.1 | 26.93 | 26.4 | 8.254 | 1.179 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 PANAMA AVE | 30 | 27 | 20.9 | 41.7 | 27.47 | 26.55 | 4.922 | 0.899 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 RAVENNA AVE | 31 | 28 | 11.3 | 36.5 | 24.2 | 22.7 | 7.159 | 1.286 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24606 MARBELLA AVE | 63 | 61 | 14.9 | 53 | 34.4 | 36.6 | 9.846 | 1.241 | 6 | 0.0952 | 0.0945 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Vanadium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24607 MARBELLA AVE | 31 | 28 | 4.16 | 56.1 | 34.7 | 36.7 | 10.5 | 1.885 | 2 | 0.0645 | 0.463 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 NEPTUNE AVE | 37 | 36 | 11.2 | 35.6 | 23.76 | 22.4 | 6.133 | 1.008 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 PANAMA AVE | 22 | 20 | 11.6 | 58.8 | 25.82 | 24.85 | 9.14 | 1.949 | 1 | 0.0455 | 0.676 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 RAVENNA AVE | 40 | 38 | 9.67 | 39.2 | 24.52 | 25.35 | 7.103 | 1.123 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 NEPTUNE AVE | 30 | 30 | 15.5 | 43.8 | 32.11 | 33.05 | 7.051 | 1.287 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 PANAMA AVE | 34 | 30 | 10.5 | 38.9 | 25.74 | 25.8 | 6.457 | 1.107 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 RAVENNA AVE | 45 | 42 | 10.8 | 36 | 22.37 | 21 | 5.66 | 0.844 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 MARBELLA AVE | 51 | 43 | 20.6 | 52.5 | 36.66 | 38.4 | 8.105 | 1.135 | 5 | 0.098 | 0.11 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 NEPTUNE AVE | 47 | 37 | 14.2 | 36.4 | 26.88 | 28.3 | 4.557 | 0.665 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 PANAMA AVE | 33 | 32 | 18.9 | 37.5 | 25.18 | 23.3 | 5.325 | 0.927 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 RAVENNA AVE | 46 | 40 | 11.9 | 48.2 | 25.28 | 25.55 | 7.358 | 1.085 | 2 | 0.0435 | 0.677 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 MARBELLA AVE | 52 | 45 | 27.9 | 68.5 | 42.35 | 42 | 6.754 | 0.937 | 13 | 0.25 | 1.23E-06 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24613 NEPTUNE AVE | 39 | 32 | 20.4 | 42 | 32.65 | 32.4 | 4.713 | 0.755 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 PANAMA AVE | 51 | 44 | 19.6 | 44.2 | 26.14 | 24.8 | 5.726 | 0.802 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 RAVENNA AVE | 33 | 29 | 17 | 35.6 | 24.69 | 23.5 | 4.754 | 0.828 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24616 MARBELLA AVE | 46 | 43 | 12.3 | 51.5 | 32.15 | 32.45 | 9.306 | 1.372 | 3 | 0.0652 | 0.406 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24617 MARBELLA AVE | 34 | 30 | 19.1 | 63.7 | 45.61 | 47.5 | 8.962 | 1.537 | 19 | 0.559 | 1.71E-16 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24618 NEPTUNE AVE | 26 | 23 | 21.8 | 34.3 | 26.78 | 25.85 | 3.252 | 0.638 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 PANAMA AVE | 28 | 26 | 15.7 | 39.1 | 24.54 | 23.2 | 6.892 | 1.302 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 RAVENNA AVE | 40 | 32 | 18.4 | 35.1 | 25.74 | 25.5 | 5.06 | 0.8 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 NEPTUNE AVE | 28 | 26 | 24.4 | 42.3 | 32.18 | 32.05 | 4.679 | 0.884 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 PANAMA AVE | 38 | 33 | 13.4 | 35.8 | 23.68 | 24 | 4.855 | 0.788 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 RAVENNA AVE | 35 | 30 | 18.4 | 32.2 | 25.39 | 25.5 | 4.697 | 0.794 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 MARBELLA AVE | 53 | 50 | 12 | 50.1 | 32.89 | 35 | 10.05 | 1.381 | 6 | 0.113 | 0.0482 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24622 NEPTUNE AVE | 34 | 30 | 19.1 | 37 | 27.9 | 28.25 | 4.945 | 0.848 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 MARBELLA AVE | 32 | 29 | 28.1 | 67.1 | 42.33 | 42.1 | 7.025 | 1.242 | 8 | 0.25 | 0.00013908 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24623 NEPTUNE AVE | 36 | 33 | 28.6 | 40.5 | 34.31 | 34.65 | 3.058 | 0.51 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24627 MARBELLA AVE | 48 | 45 | 23.1 | 75.2 | 40.61 | 40.75 | 9.711 | 1.402 | 13 | 0.271 | 4.49E-07 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24628 MARBELLA AVE | 52 | 47 | 10.1 | 55.6 | 32.98 | 34.2 | 11.3 | 1.566 | 6 | 0.115 | 0.0445 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24628 NEPTUNE AVE | 18 | 16 | 16.5 | 34.6 | 23.52 | 23.3 | 4.916 | 1.159 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24629 NEPTUNE AVE | 39 | 34 | 23.6 | 38.4 | 30.69 | 31.3 | 3.875 | 0.62 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24632 NEPTUNE AVE | 20 | 20 | 16.7 | 42.1 | 27.6 | 27.45 | 5.419 | 1.212 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24633 MARBELLA AVE | 40 | 39 | 20.4 | 82.2 | 36.92 | 36.1 | 10.44 | 1.651 | 3 | 0.075 | 0.323 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 MARBELLA AVE | 46 | 40 | 10.8 | 45.7 | 31.09 | 32 | 6.738 | 0.993 | 1 | 0.0217 | 0.906 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 RAVENNA AVE | 56 | 51 | 17.5 | 40.3 | 25.67 | 25.35 | 5.199 | 0.695 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 NEPTUNE AVE | 46 | 38 | 20.3 | 36.1 | 27.25 | 26.85 | 3.56 | 0.525 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 PANAMA AVE | 30 | 28 | 18.5 | 38.7 | 26.4 | 25.65 | 4.656 | 0.85 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 MARBELLA AVE | 36 | 36 | 19.1 | 49.9 | 35.63 | 38.15 | 9.181 | 1.53 | 4 | 0.111 | 0.104 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 NEPTUNE AVE | 39 | 36 | 21.6 | 42.9 | 31.17 | 30.8 | 4.528 | 0.725 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 RAVENNA AVE | 53 | 46 | 18.3 | 37.7 | 28.27 | 29 | 4.666 | 0.641 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 MARBELLA AVE | 43 | 40 | 13.1 | 42.3 | 31.13 | 32.5 | 6.813 | 1.039 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 RAVENNA AVE | 33 | 30 | 19.5 | 40 | 27.26 | 26.6 | 5.172 | 0.9 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24707 MARBELLA AVE | 37 | 35 | 22.6 | 47.9 | 33.44 | 33.1 | 6.948 | 1.142 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24708 PANAMA AVE | 37 | 33 | 18 | 42.1 | 27.46 | 28.3 | 6.016 | 0.989 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 NEPTUNE AVE | 37 | 32 | 20.2 | 38.6 | 29.44 | 29.5 | 4.329 | 0.712 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 PANAMA AVE | 43 | 37 | 15.9 | 31.8 | 25.43 | 25.6 | 3.76 | 0.573 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 RAVENNA AVE | 52 | 45 | 19.1 | 35.7 | 27.49 | 27.6 | 4.053 | 0.562 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24710 MARBELLA AVE | 43 | 38 | 12.3 | 51 | 33.89 | 33.8 | 7.267 | 1.108 | 1 | 0.0233 | 0.89 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 NEPTUNE AVE | 32 | 29 | 18.7 | 37.1 | 28.77 | 28.5 | 4.087 | 0.722 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 PANAMA AVE | 27 | 25 | 16.4 | 38.8 | 27.5 | 27 | 4.601 | 0.886 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 RAVENNA AVE | 45 | 38 | 19.8 | 34.9 | 25.57 | 25.2 | 3.471 | 0.517 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 MARBELLA AVE | 37 | 36 | 19.7 | 45.4 | 33.02 | 33.9 | 7.095 | 1.166 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 PANAMA AVE | 34 | 22 | 21 | 40 | 29.97 | 30.2 | 5.016 | 0.86 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 RAVENNA AVE | 35 | 33 | 17.8 | 36.2 | 25.71 | 25.5 | 5.038 | 0.852 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Vanadium (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24715 NEPTUNE AVE | 37 | 30 | 21.5 | 38.6 | 30.59 | 30.5 | 4.193 | 0.689 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 MARBELLA AVE | 30 | 28 | 21.4 | 42.1 | 33.96 | 33.7 | 5.697 | 1.04 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 RAVENNA AVE | 15 | 15 | 18.4 | 29.8 | 23.3 | 23.5 | 3.075 | 0.794 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24717 MARBELLA AVE | 38 | 37 | 18.3 | 41.2 | 27.52 | 25.75 | 6.898 | 1.119 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 NEPTUNE AVE | 65 | 57 | 15.7 | 36.3 | 24.82 | 25.1 | 5.664 | 0.703 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 PANAMA AVE | 33 | 31 | 17.1 | 35.4 | 26.44 | 26.4 | 4.803 | 0.836 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 NEPTUNE AVE | 33 | 29 | 13.1 | 39.1 | 28.43 | 27.4 | 5.997 | 1.044 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 PANAMA AVE | 28 | 24 | 22.8 | 38.6 | 28.04 | 27.6 | 4.452 | 0.841 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 RAVENNA AVE | 45 | 38 | 17.2 | 34.9 | 26.33 | 27.1 | 5.059 | 0.754 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 MARBELLA AVE | 34 | 32 | 16.8 | 42.8 | 29.3 | 29.25 | 6.388 | 1.096 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 NEPTUNE AVE | 40 | 38 | 6.22 | 31.2 | 23.02 | 23.35 | 5.124 | 0.81 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 PANAMA AVE | 18 | 17 | 15.2 | 35.8 | 23.37 | 24.15 | 5.606 | 1.321 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 RAVENNA AVE | 41 | 29 | 16 | 33.8 | 23.84 | 24 | 4.819 | 0.753 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 MARBELLA AVE | 22 | 22 | 9.24 | 40.9 | 27.61 | 29.1 | 7.971 | 1.699 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 RAVENNA AVE | 37 | 34 | 16 | 31.6 | 23.4 | 24 | 4.973 | 0.818 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24725 NEPTUNE AVE | 35 | 33 | 17.2 | 31.3 | 24.85 | 25.8 | 4.129 | 0.698 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 MARBELLA AVE | 49 | 44 | 11.1 | 53 | 34.06 | 34.7 | 8.325 | 1.189 | 2 | 0.0408 | 0.71 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 RAVENNA AVE | 37 | 35 | 11.5 | 33.3 | 22.54 | 23.4 | 5.8 | 0.953 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24727 MARBELLA AVE | 40 | 37 | 10.9 | 47.6 | 28.59 | 30.2 | 8.437 | 1.334 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 NEPTUNE AVE | 33 | 29 | 15.7 | 34.7 | 22.53 | 21.5 | 4.854 | 0.845 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 PANAMA AVE | 31 | 29 | 14.7 | 34 | 25.13 | 26.1 | 5.423 | 0.974 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 NEPTUNE AVE | 35 | 31 | 15 | 37.6 | 25.28 | 25 | 4.726 | 0.799 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 PANAMA AVE | 34 | 30 | 16.8 | 40.1 | 25.38 | 23.6 | 6.751 | 1.158 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 RAVENNA AVE | 16 | 16 | 15.8 | 36.4 | 22.74 | 19.85 | 6.036 | 1.509 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 MARBELLA AVE | 37 | 36 | 4.74 | 43.7 | 27.94 | 27.1 | 9.453 | 1.554 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 NEPTUNE AVE | 35 | 33 | 15.7 | 35.5 | 24.65 | 25 | 5.037 | 0.851 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 PANAMA AVE | 33 | 29 | 14.9 | 39 | 25.26 | 24.7 | 6.082 | 1.059 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 RAVENNA AVE | 42 | 37 | 15.6 | 32.1 | 23.23 | 23.8 | 4.575 | 0.706 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 MARBELLA AVE | 32 | 30 | 7.83 | 43.4 | 28.85 | 30.35 | 9.697 | 1.714 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 PANAMA AVE | 38 | 33 | 18.4 | 38.5 | 28.33 | 28.5 | 6.296 | 1.021 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 RAVENNA AVE | 40 | 32 | 17 | 33.3 | 22.78 | 21.15 | 5.099 | 0.806 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24735 NEPTUNE AVE | 36 | 33 | 14.4 | 35.1 | 24.33 | 23.6 | 5.723 | 0.954 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 MARBELLA AVE | 52 | 49 | 12.7 | 43.7 | 29.81 | 30.4 | 7.11 | 0.986 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 RAVENNA AVE | 43 | 36 | 19 | 31.8 | 26.19 | 25.6 | 3.17 | 0.483 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24737 MARBELLA AVE | 28 | 27 | 20.9 | 39.7 | 27.59 | 26.4 | 5.872 | 1.11 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 NEPTUNE AVE | 51 | 42 | 17.9 | 34.6 | 25.67 | 25.4 | 4.157 | 0.582 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 PANAMA AVE | 32 | 30 | 12.4 | 42.3 | 24.51 | 22.95 | 7.188 | 1.271 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 NEPTUNE AVE | 41 | 35 | 18.5 | 34.9 | 24.53 | 24.2 | 4.441 | 0.694 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 PANAMA AVE | 43 | 39 | 16.3 | 37 | 25.53 | 26.1 | 5.67 | 0.865 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 RAVENNA AVE | 42 | 38 | 8.72 | 35.6 | 24.03 | 23.8 | 5.496 | 0.848 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24740 MARBELLA AVE | 64 | 51 | 12.8 | 36.9 | 26.36 | 26.8 | 5.121 | 0.64 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24741 MARBELLA AVE | 12 | 12 | 20.5 | 35.3 | 28.2 | 27.8 | 4.772 | 1.378 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24743 RAVENNA AVE | 42 | 38 | 19.2 | 33.6 | 26 | 25.65 | 3.324 | 0.513 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24744 MARBELLA AVE | 25 | 21 | 18.2 | 43 | 26.55 | 24.9 | 5.884 | 1.177 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24748 RAVENNA AVE | 24 | 20 | 22.1 | 34.3 | 28.15 | 28.25 | 2.921 | 0.596 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24749 RAVENNA AVE | 43 | 35 | 17 | 40.7 | 25.23 | 25.2 | 3.756 | 0.573 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24752 RAVENNA AVE | 45 | 41 | 18.7 | 33 | 24.69 | 24.9 | 3.552 | 0.529 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24802 PANAMA AVE | 47 | 42 | 13.4 | 33.4 | 23.18 | 23.4 | 5.887 | 0.859 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 NEPTUNE AVE | 32 | 29 | 17.6 | 32.5 | 23.42 | 22.4 | 4.197 | 0.742 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 PANAMA AVE | 18 | 18 | 15.9 | 35.4 | 22.38 | 20.2 | 6.301 | 1.485 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 NEPTUNE AVE | 27 | 23 | 17.3 | 32.1 | 22.84 | 22.1 | 3.982 | 0.766 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 PANAMA AVE | 36 | 32 | 21.2 | 38.3 | 27.66 | 27.85 | 3.584 | 0.597 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24812 PANAMA AVE | 29 | 28 | 13.4 | 31.5 | 21.42 | 23 | 5.436 | 1.009 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24813 PANAMA AVE | 15 | 15 | 20.4 | 38.8 | 27.47 | 26.2 | 5.951 | 1.536 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

**One Sample Proportion Test Results - Vanadium (0-10)**

| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24815 NEPTUNE AVE | 30 | 30 | 14.8 | 31.9 | 24.1 | 23.3 | 4.344 | 0.793 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24818 PANAMA AVE | 34 | 31 | 13.4 | 30.6 | 21.93 | 22.55 | 4.992 | 0.856 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24819 PANAMA AVE | 34 | 30 | 18.6 | 36.1 | 23.96 | 24 | 3.593 | 0.616 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24822 PANAMA AVE | 43 | 39 | 15.1 | 33.4 | 22.78 | 23.2 | 5.31 | 0.81 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24823 PANAMA AVE | 39 | 33 | 17.5 | 33.4 | 24.66 | 24.6 | 3.079 | 0.493 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24825 NEPTUNE AVE | 98 | 72 | 18.8 | 35.1 | 25.39 | 24.45 | 4.39 | 0.443 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24828 PANAMA AVE | 36 | 31 | 12.5 | 33.5 | 21.23 | 22.65 | 5.335 | 0.889 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24829 PANAMA AVE | 48 | 43 | 17.6 | 36.7 | 24.05 | 23.1 | 4.141 | 0.598 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24832 PANAMA AVE | 38 | 34 | 15 | 33.4 | 23.54 | 23.5 | 4.619 | 0.749 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24833 PANAMA AVE | 43 | 36 | 16.8 | 39.2 | 25.24 | 23.9 | 6.061 | 0.924 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24838 PANAMA AVE | 28 | 26 | 15 | 32 | 24.22 | 24.25 | 4.21 | 0.796 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24904 NEPTUNE AVE | 74 | 58 | 8.09 | 33.7 | 25.23 | 25.15 | 4.115 | 0.478 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24912 NEPTUNE AVE | 36 | 33 | 14.6 | 36.2 | 22.29 | 19.2 | 6.496 | 1.083 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 301 244TH ST | 29 | 29 | 14.4 | 48.4 | 33.97 | 32.2 | 8.911 | 1.655 | 3 | 0.103 | 0.175 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 305 244TH ST | 54 | 50 | 19.9 | 59.1 | 35.15 | 34.3 | 8.229 | 1.12 | 5 | 0.0926 | 0.132 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 311 244TH ST | 71 | 62 | 12.3 | 54.4 | 33.37 | 33.9 | 9.087 | 1.078 | 8 | 0.113 | 0.0252 | Reject H0, Conclude Site Proportion > 0.05 | |
| 317 244TH ST | 58 | 52 | 16.3 | 51 | 33.37 | 34.2 | 7.789 | 1.023 | 2 | 0.0345 | 0.793 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 321 244TH ST | 40 | 36 | 21.9 | 71.5 | 40.32 | 38.1 | 10.8 | 1.707 | 13 | 0.325 | 4.09E-08 | Reject H0, Conclude Site Proportion > 0.05 | |
| 327 244TH ST | 12 | 12 | 29 | 51.9 | 39.43 | 37.15 | 8.364 | 2.414 | 4 | 0.333 | 0.00224 | Reject H0, Conclude Site Proportion > 0.05 | |
| 331 244TH ST | 28 | 28 | 19.9 | 59.8 | 38.39 | 37.15 | 9.435 | 1.783 | 6 | 0.214 | 0.00227 | Reject H0, Conclude Site Proportion > 0.05 | |
| 337 244TH ST | 34 | 34 | 21.2 | 50.9 | 36.55 | 35.75 | 7.804 | 1.338 | 6 | 0.176 | 0.00627 | Reject H0, Conclude Site Proportion > 0.05 | |
| 341 244TH ST | 48 | 41 | 26 | 60.4 | 36.94 | 35.7 | 6.234 | 0.9 | 3 | 0.0625 | 0.433 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 344 249TH ST | 35 | 32 | 16.3 | 39.5 | 24.62 | 22 | 7.074 | 1.196 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 345 249TH ST | 93 | 68 | 16.2 | 39.1 | 25.91 | 26.4 | 4.815 | 0.499 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 347 244TH ST | 32 | 30 | 24.1 | 45.5 | 35.1 | 34.45 | 6.257 | 1.106 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 248TH ST | 49 | 46 | 16.4 | 33.6 | 23.78 | 23 | 4.607 | 0.658 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 249TH ST | 51 | 43 | 15.9 | 38.7 | 24.6 | 23.4 | 6.232 | 0.873 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 351 244TH ST | 32 | 31 | 15.9 | 42.4 | 33.98 | 35.85 | 6.239 | 1.103 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 352 249TH ST | 32 | 28 | 15.7 | 33.2 | 22.79 | 22.45 | 4.389 | 0.776 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 353 249TH ST | 32 | 28 | 17.1 | 33.6 | 26.95 | 28.4 | 4.865 | 0.86 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 354 248TH ST | 39 | 32 | 18.9 | 34.1 | 25.96 | 25.9 | 2.69 | 0.431 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 244TH ST | 40 | 35 | 18.3 | 44.2 | 33.22 | 33 | 7.011 | 1.109 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 249TH ST | 24 | 23 | 17.1 | 32.1 | 25.44 | 26.25 | 3.953 | 0.807 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 358 249TH ST | 43 | 38 | 11.4 | 31.7 | 20.25 | 19.3 | 5.638 | 0.86 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 360 248TH ST | 48 | 38 | 16.7 | 47.8 | 27.16 | 26.7 | 4.555 | 0.657 | 1 | 0.0208 | 0.915 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 361 244TH ST | 23 | 21 | 18.7 | 51 | 35.02 | 35.7 | 6.664 | 1.39 | 1 | 0.0435 | 0.693 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 362 249TH ST | 25 | 23 | 14.4 | 38.6 | 23.33 | 22 | 7.386 | 1.477 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 363 249TH ST | 27 | 25 | 18.8 | 30.6 | 24.42 | 24.1 | 2.922 | 0.562 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 364 248TH ST | 48 | 38 | 17.9 | 31.7 | 24.42 | 24.25 | 2.933 | 0.423 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 244TH ST | 13 | 13 | 16.3 | 45.7 | 32.06 | 32.5 | 8.264 | 2.292 | 1 | 0.0769 | 0.487 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 249TH ST | 46 | 40 | 6.71 | 32.4 | 23.16 | 24.5 | 4.919 | 0.725 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 368 249TH ST | 55 | 49 | 15.9 | 36.3 | 23.19 | 21.3 | 5.567 | 0.751 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 373 249TH ST | 42 | 34 | 14.3 | 31.4 | 21.36 | 21.2 | 3.766 | 0.581 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 248TH ST | 120 | 83 | 7.22 | 33.9 | 25.27 | 24.75 | 3.853 | 0.352 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 249TH ST | 27 | 25 | 11.8 | 36.3 | 23.05 | 21.1 | 6.348 | 1.222 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 244TH ST | 32 | 28 | 26.8 | 44.8 | 35.28 | 34.95 | 4.914 | 0.869 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 249TH ST | 33 | 29 | 11 | 28.8 | 21.02 | 20.6 | 3.367 | 0.586 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 378 249TH ST | 41 | 37 | 15.7 | 35 | 22.45 | 20 | 5.578 | 0.871 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 383 249TH ST | 32 | 29 | 15.7 | 24.8 | 20.34 | 20.45 | 2.55 | 0.451 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 402 249TH ST | 32 | 32 | 16.7 | 35.5 | 23.59 | 22.4 | 5.301 | 0.937 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 408 249TH ST | 24 | 24 | 17.5 | 34.5 | 23.94 | 21.6 | 5.281 | 1.078 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 412 249TH ST | 77 | 71 | 15.3 | 70.7 | 26.3 | 24.4 | 9.301 | 1.06 | 1 | 0.013 | 0.981 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Zinc (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24401 MARBELLA AVE | 33 | 30 | 27.9 | 85.7 | 49.15 | 47.6 | 12.03 | 2.093 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 NEPTUNE AVE | 48 | 40 | 29 | 106 | 41.7 | 39.9 | 11.45 | 1.653 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 PANAMA AVE | 127 | 110 | 11.5 | 93.6 | 45.03 | 43.4 | 13.55 | 1.203 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 RAVENNA AVE | 40 | 38 | 27 | 104 | 45.71 | 42.5 | 14.94 | 2.362 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 NEPTUNE AVE | 46 | 41 | 28.5 | 109 | 48.22 | 44.55 | 17.52 | 2.582 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 RAVENNA AVE | 62 | 52 | 28.8 | 106 | 48.75 | 47.55 | 12.19 | 1.548 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24405 MARBELLA AVE | 25 | 23 | 25.4 | 75.1 | 45.58 | 44 | 10.73 | 2.147 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 MARBELLA AVE | 40 | 38 | 29.3 | 107 | 47.3 | 43.25 | 17.23 | 2.724 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 NEPTUNE AVE | 28 | 25 | 26.6 | 99.3 | 42.33 | 38.9 | 13.98 | 2.643 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 PANAMA AVE | 23 | 22 | 23.5 | 125 | 54.88 | 45.2 | 26.64 | 5.554 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 RAVENNA AVE | 26 | 25 | 26.9 | 62.5 | 38.9 | 37.95 | 8.081 | 1.585 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 NEPTUNE AVE | 24 | 23 | 32.3 | 166 | 54.4 | 43.1 | 30.13 | 6.151 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 RAVENNA AVE | 33 | 30 | 28.4 | 447 | 55.92 | 41.1 | 73.26 | 12.75 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24410 PANAMA AVE | 33 | 33 | 17.3 | 93 | 43.43 | 40.9 | 17.16 | 2.988 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 MARBELLA AVE | 69 | 62 | 27.6 | 107 | 51.28 | 48.8 | 12.39 | 1.492 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 PANAMA AVE | 37 | 37 | 31.8 | 288 | 66.66 | 51 | 54.06 | 8.888 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 MARBELLA AVE | 31 | 31 | 33.4 | 477 | 79.85 | 56.3 | 84.78 | 15.23 | 1 | 0.0323 | 0.796 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 RAVENNA AVE | 61 | 57 | 28 | 88.3 | 40.95 | 39.3 | 10.01 | 1.282 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 NEPTUNE AVE | 24 | 24 | 25.4 | 140 | 51.53 | 43.25 | 28.02 | 5.719 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 RAVENNA AVE | 28 | 27 | 20.9 | 188 | 51.2 | 37.2 | 38.53 | 7.282 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 MARBELLA AVE | 50 | 46 | 25.3 | 149 | 47.92 | 44.8 | 22.04 | 3.118 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 NEPTUNE AVE | 21 | 20 | 26.7 | 45.3 | 35.92 | 36.5 | 5.129 | 1.119 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 PANAMA AVE | 33 | 33 | 21.5 | 135 | 43.13 | 39.8 | 19.85 | 3.456 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 RAVENNA AVE | 42 | 40 | 26.3 | 180 | 41.65 | 37.2 | 23.25 | 3.588 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 MARBELLA AVE | 8 | 8 | 39.6 | 80.4 | 52.95 | 53.3 | 12.53 | 4.43 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 PANAMA AVE | 47 | 45 | 22.2 | 64.7 | 38.89 | 37.9 | 8.279 | 1.208 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 NEPTUNE AVE | 32 | 32 | 25.5 | 142 | 47.25 | 40.8 | 23.51 | 4.156 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 RAVENNA AVE | 32 | 32 | 19.9 | 83.6 | 37.99 | 36.35 | 12.43 | 2.198 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24420 PANAMA AVE | 33 | 31 | 18.2 | 143 | 54.78 | 40.1 | 35.42 | 6.166 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24421 PANAMA AVE | 30 | 30 | 39.5 | 242 | 83.68 | 68.95 | 45.99 | 8.396 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 MARBELLA AVE | 43 | 42 | 22.3 | 127 | 43.68 | 39.4 | 16.32 | 2.488 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 NEPTUNE AVE | 36 | 34 | 28.8 | 115 | 45.95 | 42.25 | 17.23 | 2.872 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 RAVENNA AVE | 29 | 28 | 27 | 56.1 | 36.7 | 36.8 | 5.799 | 1.077 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 MARBELLA AVE | 13 | 12 | 40.6 | 185 | 61.61 | 48.3 | 38.3 | 10.62 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 NEPTUNE AVE | 37 | 35 | 21.3 | 81.1 | 38.51 | 35.1 | 11.31 | 1.86 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 RAVENNA AVE | 40 | 36 | 24.6 | 57.3 | 38.84 | 36.55 | 8.245 | 1.304 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 MARBELLA AVE | 24 | 21 | 29.2 | 161 | 53.67 | 44.35 | 28.9 | 5.898 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 NEPTUNE AVE | 30 | 28 | 22.2 | 73.3 | 37.92 | 34.65 | 12.07 | 2.203 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 PANAMA AVE | 30 | 29 | 14.8 | 101 | 43.8 | 42.6 | 16.66 | 3.042 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 RAVENNA AVE | 49 | 47 | 24.7 | 82 | 42.14 | 40.4 | 11.85 | 1.693 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 MARBELLA AVE | 25 | 24 | 31.5 | 82.8 | 50.16 | 49.3 | 11.4 | 2.28 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 PANAMA AVE | 38 | 36 | 27.1 | 248 | 45.58 | 39.5 | 34.67 | 5.624 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 NEPTUNE AVE | 19 | 18 | 29.1 | 71.2 | 39.54 | 36.9 | 9.008 | 2.067 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 RAVENNA AVE | 29 | 29 | 26.7 | 84.3 | 42.91 | 40.1 | 13.3 | 2.469 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24430 PANAMA AVE | 30 | 26 | 9.11 | 178 | 38.84 | 32.7 | 29.64 | 5.411 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24431 PANAMA AVE | 35 | 33 | 29.1 | 119 | 44.67 | 42.1 | 16.92 | 2.859 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24432 MARBELLA AVE | 67 | 60 | 25.6 | 108 | 44.8 | 41.6 | 13.93 | 1.702 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24433 MARBELLA AVE | 27 | 26 | 40.3 | 113 | 57.37 | 54.4 | 15.71 | 3.024 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24436 PANAMA AVE | 35 | 33 | 8.67 | 65.8 | 29.38 | 28.4 | 10.84 | 1.833 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 MARBELLA AVE | 51 | 47 | 22.8 | 81.5 | 44.7 | 43.4 | 13.48 | 1.887 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 NEPTUNE AVE | 58 | 48 | 24.4 | 48.1 | 32.81 | 33.25 | 5.499 | 0.722 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 PANAMA AVE | 48 | 43 | 5.57 | 47.2 | 27.37 | 29.15 | 8.005 | 1.155 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 RAVENNA AVE | 44 | 41 | 23 | 65.1 | 36.14 | 34.15 | 8.485 | 1.279 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 MARBELLA AVE | 29 | 29 | 32.2 | 76.9 | 44.41 | 40 | 11.05 | 2.052 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Zinc (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24503 NEPTUNE AVE | 60 | 55 | 12.6 | 86 | 42.12 | 41.2 | 11.44 | 1.476 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 PANAMA AVE | 28 | 28 | 20.9 | 52.1 | 37.43 | 37.4 | 6.123 | 1.157 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 RAVENNA AVE | 34 | 34 | 23.9 | 113 | 37.87 | 34.75 | 15.81 | 2.711 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24506 MARBELLA AVE | 36 | 34 | 29 | 94.4 | 49.22 | 48.5 | 11.47 | 1.912 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24507 MARBELLA AVE | 36 | 34 | 34.1 | 78 | 53.34 | 53.3 | 10.6 | 1.767 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 NEPTUNE AVE | 40 | 39 | 26.9 | 64.4 | 38.45 | 37.35 | 7.61 | 1.203 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 PANAMA AVE | 24 | 23 | 9.83 | 47.1 | 27.96 | 30.85 | 9.264 | 1.891 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 RAVENNA AVE | 39 | 35 | 24.2 | 163 | 42.72 | 38.1 | 24.84 | 3.977 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 NEPTUNE AVE | 31 | 30 | 26.5 | 87.4 | 43.08 | 39.3 | 14.24 | 2.558 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 PANAMA AVE | 47 | 44 | 25.1 | 189 | 41.17 | 35.8 | 24.91 | 3.634 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 RAVENNA AVE | 37 | 34 | 26.2 | 146 | 43.76 | 36.2 | 24.09 | 3.96 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 MARBELLA AVE | 48 | 39 | 26.3 | 69.4 | 44.5 | 42.55 | 9.439 | 1.362 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 NEPTUNE AVE | 36 | 33 | 28.1 | 103 | 40.77 | 38.7 | 12.86 | 2.143 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 PANAMA AVE | 28 | 28 | 7.89 | 46.5 | 24.69 | 27.1 | 9.888 | 1.869 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 RAVENNA AVE | 46 | 42 | 19.9 | 82.4 | 33.47 | 32.9 | 9.655 | 1.424 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 NEPTUNE AVE | 37 | 35 | 19.6 | 96.2 | 41.66 | 39.5 | 14.8 | 2.434 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 PANAMA AVE | 51 | 46 | 19.6 | 52.9 | 32.06 | 31.4 | 6.663 | 0.933 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 RAVENNA AVE | 30 | 30 | 20.6 | 89.7 | 40.63 | 37.55 | 15.52 | 2.833 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24516 MARBELLA AVE | 30 | 28 | 23.7 | 64.6 | 42.21 | 40.45 | 10.14 | 1.852 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24517 MARBELLA AVE | 12 | 12 | 42.6 | 94.7 | 61.23 | 58.45 | 14.08 | 4.064 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 NEPTUNE AVE | 45 | 41 | 23 | 61.1 | 36.56 | 36.8 | 7.508 | 1.119 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 PANAMA AVE | 42 | 39 | 6.24 | 346 | 39.87 | 29.55 | 55.29 | 8.532 | 1 | 0.0238 | 0.884 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 RAVENNA AVE | 30 | 29 | 25.4 | 84.3 | 39.78 | 36.8 | 12.86 | 2.347 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 NEPTUNE AVE | 35 | 35 | 26 | 1240 | 78.45 | 38.7 | 203.1 | 34.32 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 PANAMA AVE | 30 | 30 | 13.1 | 87.5 | 34.58 | 32.95 | 13.7 | 2.502 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 MARBELLA AVE | 27 | 26 | 22.8 | 69 | 48.07 | 47.5 | 11.22 | 2.16 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 NEPTUNE AVE | 28 | 28 | 28 | 56.8 | 41.2 | 40.2 | 8.253 | 1.56 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 PANAMA AVE | 36 | 35 | 6.51 | 51.2 | 26.31 | 27.25 | 11.72 | 1.953 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 RAVENNA AVE | 35 | 33 | 8.08 | 52.4 | 30.76 | 31.5 | 8.63 | 1.459 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 MARBELLA AVE | 45 | 44 | 21 | 106 | 49.81 | 45.9 | 16.41 | 2.447 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 NEPTUNE AVE | 37 | 34 | 26.6 | 86.1 | 44.13 | 41.1 | 14.86 | 2.443 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 RAVENNA AVE | 17 | 16 | 24.2 | 409 | 58.04 | 35.7 | 90.99 | 22.07 | 1 | 0.0588 | 0.582 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24526 MARBELLA AVE | 36 | 36 | 24.9 | 79.4 | 44.12 | 43.85 | 10.66 | 1.776 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 NEPTUNE AVE | 31 | 26 | 10.7 | 47 | 26.18 | 26.7 | 9.063 | 1.628 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 PANAMA AVE | 39 | 37 | 7.48 | 55.9 | 25.14 | 25.4 | 10.69 | 1.712 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 NEPTUNE AVE | 32 | 30 | 27.6 | 86.5 | 40.71 | 35.9 | 14.44 | 2.553 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 PANAMA AVE | 24 | 23 | 7.42 | 47.5 | 28.03 | 30 | 9.762 | 1.993 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 RAVENNA AVE | 26 | 26 | 13.3 | 195 | 45.42 | 35.55 | 37.46 | 7.347 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 MARBELLA AVE | 27 | 26 | 27.7 | 86.3 | 54.55 | 55.3 | 14.56 | 2.802 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 NEPTUNE AVE | 21 | 20 | 14.7 | 121 | 48.38 | 50.5 | 28.73 | 6.27 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 PANAMA AVE | 23 | 22 | 14.1 | 95 | 32.07 | 29.7 | 15.18 | 3.165 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 RAVENNA AVE | 29 | 25 | 8.38 | 41.6 | 27.17 | 28.6 | 8.451 | 1.569 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 MARBELLA AVE | 25 | 25 | 37.4 | 480 | 80.84 | 59.8 | 86.54 | 17.31 | 1 | 0.04 | 0.723 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 PANAMA AVE | 29 | 28 | 8.75 | 297 | 35.36 | 27.3 | 51 | 9.471 | 1 | 0.0345 | 0.774 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 RAVENNA AVE | 52 | 50 | 8.45 | 88.9 | 28.53 | 28.55 | 13.16 | 1.826 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 MARBELLA AVE | 34 | 27 | 25.3 | 73 | 47.63 | 46.95 | 12.16 | 2.085 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 NEPTUNE AVE | 33 | 31 | 16.6 | 56.9 | 30.05 | 29.6 | 9.838 | 1.713 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 PANAMA AVE | 40 | 38 | 8.06 | 79.3 | 33.1 | 32.55 | 12.16 | 1.922 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 RAVENNA AVE | 28 | 25 | 12.4 | 43.4 | 27.82 | 27.9 | 6.927 | 1.309 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 MARBELLA AVE | 26 | 25 | 37.4 | 111 | 60.6 | 56.1 | 18.21 | 3.57 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 NEPTUNE AVE | 49 | 46 | 12.6 | 83.8 | 30.57 | 28.8 | 11.61 | 1.658 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 PANAMA AVE | 30 | 27 | 23.3 | 42.9 | 33.69 | 35.75 | 5.901 | 1.077 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 RAVENNA AVE | 31 | 31 | 14.9 | 84.7 | 29.7 | 26.8 | 13.32 | 2.393 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24606 MARBELLA AVE | 63 | 60 | 13 | 71.9 | 40.74 | 42.4 | 13.39 | 1.687 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Zinc (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24607 MARBELLA AVE | 31 | 30 | 6.89 | 148 | 48.25 | 43.7 | 25.72 | 4.62 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 NEPTUNE AVE | 37 | 33 | 14.3 | 160 | 45.09 | 29.7 | 35.56 | 5.846 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 PANAMA AVE | 22 | 19 | 13.7 | 62.3 | 31.95 | 31 | 10.92 | 2.329 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 RAVENNA AVE | 40 | 40 | 11 | 91 | 32.14 | 29.55 | 16.2 | 2.562 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 NEPTUNE AVE | 30 | 29 | 15.9 | 63 | 36.81 | 35.8 | 12.02 | 2.194 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 PANAMA AVE | 34 | 32 | 14.7 | 50.5 | 29.6 | 28.85 | 8.485 | 1.455 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 RAVENNA AVE | 45 | 42 | 13.3 | 81 | 25.84 | 24.1 | 10.41 | 1.552 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 MARBELLA AVE | 51 | 48 | 23 | 176 | 45.37 | 45.7 | 21.46 | 3.005 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 NEPTUNE AVE | 47 | 40 | 18.5 | 140 | 32.91 | 29.2 | 18.92 | 2.76 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 PANAMA AVE | 33 | 33 | 22.8 | 43.8 | 31.24 | 31.6 | 6.08 | 1.058 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 RAVENNA AVE | 46 | 44 | 16.1 | 174 | 32.7 | 28.85 | 25.66 | 3.784 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 MARBELLA AVE | 52 | 48 | 33.4 | 66.8 | 49.46 | 51.2 | 8.71 | 1.208 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 NEPTUNE AVE | 39 | 36 | 29 | 85.5 | 48.54 | 48.5 | 10.52 | 1.684 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 PANAMA AVE | 51 | 45 | 20.5 | 80.7 | 33.82 | 31.5 | 11.68 | 1.636 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 RAVENNA AVE | 33 | 30 | 21.3 | 47.6 | 28.25 | 26.5 | 6.144 | 1.069 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24616 MARBELLA AVE | 46 | 45 | 12.2 | 68.7 | 38.86 | 39.15 | 13.98 | 2.061 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24617 MARBELLA AVE | 34 | 33 | 25 | 104 | 56.73 | 53.05 | 18.19 | 3.119 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 NEPTUNE AVE | 26 | 24 | 24.1 | 60.5 | 35.44 | 31.9 | 10.28 | 2.015 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 PANAMA AVE | 28 | 28 | 17.7 | 52.6 | 31.64 | 30 | 9.925 | 1.876 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 RAVENNA AVE | 40 | 31 | 20 | 37.2 | 25.93 | 26.35 | 4.141 | 0.655 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 NEPTUNE AVE | 28 | 28 | 28 | 69.8 | 39.19 | 38 | 9.55 | 1.805 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 PANAMA AVE | 38 | 36 | 15.3 | 42.5 | 29.98 | 30.1 | 6.39 | 1.037 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 RAVENNA AVE | 35 | 32 | 20.4 | 42.9 | 28.24 | 26.4 | 5.486 | 0.927 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 MARBELLA AVE | 53 | 52 | 9.62 | 146 | 43.92 | 40.4 | 22.71 | 3.12 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 NEPTUNE AVE | 34 | 30 | 21.1 | 56.6 | 34.01 | 32.9 | 8.752 | 1.501 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 MARBELLA AVE | 32 | 32 | 26.8 | 92.1 | 52.73 | 52.75 | 10.93 | 1.932 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 NEPTUNE AVE | 36 | 35 | 25.1 | 115 | 40.21 | 37.1 | 15.91 | 2.651 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24627 MARBELLA AVE | 48 | 45 | 27 | 100 | 53.38 | 53.7 | 14.43 | 2.083 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 MARBELLA AVE | 52 | 50 | 12.1 | 89 | 42.18 | 41.9 | 17.97 | 2.492 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 NEPTUNE AVE | 18 | 18 | 17.8 | 34.4 | 25.97 | 25.7 | 4.419 | 1.042 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24629 NEPTUNE AVE | 39 | 36 | 26.5 | 126 | 40.92 | 36.4 | 17.04 | 2.728 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24632 NEPTUNE AVE | 20 | 20 | 25.5 | 119 | 40.69 | 32.05 | 22.06 | 4.933 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24633 MARBELLA AVE | 40 | 37 | 26.8 | 122 | 59.14 | 60.7 | 20.92 | 3.308 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 MARBELLA AVE | 46 | 43 | 13.8 | 176 | 44.45 | 38.2 | 24.26 | 3.577 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 RAVENNA AVE | 56 | 48 | 19.4 | 58 | 31.44 | 29.15 | 7.774 | 1.039 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 NEPTUNE AVE | 46 | 41 | 24.2 | 139 | 48.84 | 37.45 | 28.03 | 4.133 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 PANAMA AVE | 30 | 28 | 21.7 | 190 | 47.32 | 32.95 | 38.71 | 7.067 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 MARBELLA AVE | 36 | 36 | 21.5 | 153 | 52.8 | 46.95 | 28.32 | 4.72 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 NEPTUNE AVE | 39 | 37 | 24.6 | 75.4 | 38.23 | 36 | 10.45 | 1.673 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 RAVENNA AVE | 53 | 46 | 20.3 | 69.8 | 31.08 | 28.9 | 8.238 | 1.132 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 MARBELLA AVE | 43 | 43 | 15.6 | 145 | 39.89 | 37.1 | 19.09 | 2.911 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 RAVENNA AVE | 33 | 30 | 23.1 | 63.8 | 38.18 | 39.3 | 10.67 | 1.857 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24707 MARBELLA AVE | 37 | 35 | 24.8 | 58.3 | 39.87 | 36.3 | 10.63 | 1.747 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24708 PANAMA AVE | 37 | 36 | 19.9 | 122 | 43.18 | 39.5 | 21.12 | 3.472 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 NEPTUNE AVE | 37 | 35 | 21.7 | 123 | 40.34 | 36.6 | 18.05 | 2.967 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 PANAMA AVE | 43 | 37 | 21.4 | 87.3 | 38.8 | 34.3 | 13.52 | 2.062 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 RAVENNA AVE | 52 | 47 | 21.6 | 57.3 | 35.79 | 30.5 | 10.67 | 1.479 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24710 MARBELLA AVE | 43 | 42 | 14.6 | 197 | 45.93 | 39.6 | 27.13 | 4.138 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 NEPTUNE AVE | 32 | 28 | 21.3 | 138 | 35.42 | 30.5 | 20.11 | 3.554 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 PANAMA AVE | 27 | 26 | 19.7 | 72.9 | 34.51 | 31.9 | 9.544 | 1.837 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 RAVENNA AVE | 45 | 41 | 23.6 | 120 | 36.39 | 31.7 | 17.78 | 2.65 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 MARBELLA AVE | 37 | 35 | 20.7 | 56.4 | 37.64 | 33.6 | 10.59 | 1.741 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 PANAMA AVE | 34 | 26 | 20 | 77 | 36.44 | 33 | 10.88 | 1.866 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 RAVENNA AVE | 35 | 30 | 21.3 | 70.3 | 28.24 | 27.2 | 8.502 | 1.437 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Zinc (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24715 NEPTUNE AVE | 37 | 34 | 24.7 | 58.3 | 36.95 | 37.4 | 7.407 | 1.218 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 MARBELLA AVE | 30 | 30 | 24.4 | 106 | 43.33 | 39.75 | 15.37 | 2.807 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 RAVENNA AVE | 15 | 14 | 25 | 51.1 | 31.86 | 28.9 | 7.074 | 1.826 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24717 MARBELLA AVE | 38 | 34 | 22 | 61.2 | 35.24 | 32.8 | 10.07 | 1.633 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 NEPTUNE AVE | 65 | 58 | 19.9 | 42.2 | 27.27 | 26.5 | 4.889 | 0.606 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 PANAMA AVE | 33 | 32 | 18.6 | 102 | 40.59 | 35.4 | 18.63 | 3.243 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 NEPTUNE AVE | 33 | 32 | 18.1 | 175 | 53.78 | 40 | 37.52 | 6.531 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 PANAMA AVE | 28 | 28 | 23.3 | 240 | 46.05 | 34.45 | 40.91 | 7.732 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 RAVENNA AVE | 45 | 39 | 20.5 | 66.5 | 29.56 | 28.5 | 7.765 | 1.158 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 MARBELLA AVE | 34 | 32 | 16.6 | 62.2 | 35.11 | 34.05 | 11.23 | 1.927 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 NEPTUNE AVE | 40 | 33 | 7.06 | 70.5 | 28.72 | 26.2 | 11.17 | 1.767 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 PANAMA AVE | 18 | 17 | 18.2 | 57.4 | 29.14 | 29.55 | 9.048 | 2.133 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 RAVENNA AVE | 41 | 34 | 13.8 | 61.5 | 28.62 | 26.7 | 10.61 | 1.658 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 MARBELLA AVE | 22 | 22 | 9.44 | 123 | 37.23 | 30 | 22.82 | 4.864 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 RAVENNA AVE | 37 | 35 | 18.5 | 131 | 33.48 | 25.8 | 22.33 | 3.671 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24725 NEPTUNE AVE | 35 | 31 | 19.7 | 110 | 33 | 28.9 | 17.57 | 2.969 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 MARBELLA AVE | 49 | 46 | 11.3 | 88.8 | 41.08 | 38.2 | 15.41 | 2.201 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 RAVENNA AVE | 37 | 36 | 12.8 | 68.6 | 27.12 | 27.8 | 9.108 | 1.497 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24727 MARBELLA AVE | 40 | 40 | 12.4 | 142 | 36.67 | 34.15 | 20.44 | 3.232 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 NEPTUNE AVE | 33 | 27 | 17.8 | 80.8 | 26.35 | 25 | 10.47 | 1.822 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 PANAMA AVE | 31 | 29 | 17.7 | 174 | 56.47 | 37.7 | 41.05 | 7.372 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 NEPTUNE AVE | 35 | 32 | 22.3 | 137 | 39.3 | 31.8 | 21.58 | 3.648 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 PANAMA AVE | 34 | 31 | 18.7 | 73.7 | 27.26 | 26.45 | 9.131 | 1.566 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 RAVENNA AVE | 16 | 14 | 19.9 | 106 | 33.39 | 27.85 | 20.38 | 5.094 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 MARBELLA AVE | 37 | 35 | 7.85 | 63.3 | 31.34 | 28.3 | 12.77 | 2.1 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 NEPTUNE AVE | 35 | 33 | 20.4 | 93.4 | 31.86 | 27.9 | 14.11 | 2.384 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 PANAMA AVE | 33 | 30 | 16.5 | 148 | 34.22 | 30.4 | 22.78 | 3.965 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 RAVENNA AVE | 42 | 38 | 17.4 | 53.6 | 27.86 | 27.6 | 6.089 | 0.94 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 MARBELLA AVE | 32 | 31 | 10.8 | 57.9 | 35.53 | 34.95 | 11.85 | 2.095 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 PANAMA AVE | 38 | 35 | 22.5 | 90.7 | 40.82 | 39.05 | 13.66 | 2.216 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 RAVENNA AVE | 40 | 39 | 22.1 | 49.6 | 31.3 | 29.65 | 6.961 | 1.101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24735 NEPTUNE AVE | 36 | 33 | 14.3 | 66.1 | 29.38 | 27.35 | 9.463 | 1.577 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 MARBELLA AVE | 52 | 48 | 14.3 | 113 | 40.51 | 34.6 | 20.56 | 2.852 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 RAVENNA AVE | 43 | 35 | 22.1 | 50.8 | 30.96 | 30 | 5.57 | 0.849 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24737 MARBELLA AVE | 28 | 26 | 24.7 | 265 | 43.29 | 36.2 | 44.04 | 8.323 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 NEPTUNE AVE | 51 | 45 | 22.6 | 56.3 | 32.79 | 31.7 | 8.153 | 1.142 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 PANAMA AVE | 32 | 32 | 14 | 101 | 34.62 | 30.05 | 16.22 | 2.868 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 NEPTUNE AVE | 41 | 39 | 22.1 | 90.1 | 37.8 | 31.2 | 15.91 | 2.485 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 PANAMA AVE | 43 | 35 | 18.6 | 54 | 29.97 | 30 | 7.218 | 1.101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 RAVENNA AVE | 42 | 39 | 14 | 52.7 | 28.66 | 27.6 | 7.722 | 1.192 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24740 MARBELLA AVE | 64 | 62 | 17.1 | 71.6 | 36.97 | 31.3 | 13.83 | 1.729 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24741 MARBELLA AVE | 12 | 12 | 19.3 | 64.8 | 36.89 | 33 | 11.88 | 3.431 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24743 RAVENNA AVE | 42 | 36 | 21 | 55.2 | 30.38 | 28 | 7.975 | 1.231 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24744 MARBELLA AVE | 25 | 24 | 19.5 | 72.3 | 34.9 | 33.3 | 10.13 | 2.027 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24748 RAVENNA AVE | 24 | 21 | 26.1 | 45.1 | 30.89 | 29.9 | 4.731 | 0.966 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24749 RAVENNA AVE | 43 | 41 | 19.4 | 85.2 | 36.92 | 32.4 | 14.81 | 2.258 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24752 RAVENNA AVE | 45 | 38 | 20.1 | 60.5 | 29.83 | 28.9 | 6.561 | 0.978 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24802 PANAMA AVE | 47 | 42 | 16.1 | 65.6 | 29.55 | 28.5 | 10.13 | 1.478 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 NEPTUNE AVE | 32 | 32 | 20.1 | 106 | 33.04 | 27.4 | 16.46 | 2.909 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 PANAMA AVE | 18 | 16 | 19.9 | 37.9 | 27.51 | 27.85 | 6.067 | 1.43 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 NEPTUNE AVE | 27 | 26 | 19.6 | 5770 | 249.1 | 30.8 | 1104 | 212.4 | 1 | 0.037 | 0.75 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 PANAMA AVE | 36 | 32 | 22.8 | 48.2 | 30.68 | 28.65 | 6.459 | 1.077 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24812 PANAMA AVE | 29 | 28 | 15.1 | 49.3 | 26.41 | 25 | 9.558 | 1.775 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24813 PANAMA AVE | 15 | 14 | 22.3 | 55.8 | 33.11 | 29 | 11.8 | 3.046 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - Zinc (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24815 NEPTUNE AVE | 30 | 27 | 25.4 | 106 | 47.67 | 35.6 | 26.04 | 4.754 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24818 PANAMA AVE | 34 | 33 | 14.3 | 54.4 | 25.96 | 24.05 | 8.555 | 1.467 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24819 PANAMA AVE | 34 | 30 | 22.5 | 240 | 36.21 | 27.65 | 36.65 | 6.285 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24822 PANAMA AVE | 43 | 43 | 17.9 | 330 | 42.08 | 28.7 | 60.02 | 9.153 | 1 | 0.0233 | 0.89 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24823 PANAMA AVE | 39 | 38 | 21.6 | 347 | 41.03 | 29 | 51.06 | 8.176 | 1 | 0.0256 | 0.865 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24825 NEPTUNE AVE | 98 | 82 | 20.9 | 125 | 35.75 | 30.35 | 17.24 | 1.741 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24828 PANAMA AVE | 36 | 34 | 17 | 85.8 | 31.44 | 29.55 | 14.57 | 2.429 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24829 PANAMA AVE | 48 | 44 | 21.2 | 121 | 32.15 | 27.7 | 18.26 | 2.636 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24832 PANAMA AVE | 38 | 34 | 17.8 | 79.5 | 30.42 | 28.85 | 10.9 | 1.768 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24833 PANAMA AVE | 43 | 39 | 20.8 | 97 | 32.74 | 28.5 | 13.72 | 2.093 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24838 PANAMA AVE | 28 | 26 | 18.8 | 88.1 | 40.37 | 34.25 | 18.15 | 3.43 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24904 NEPTUNE AVE | 74 | 63 | 9.53 | 85.9 | 34.32 | 31.2 | 11.06 | 1.286 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24912 NEPTUNE AVE | 36 | 36 | 19.8 | 73.1 | 33.62 | 29.95 | 12.9 | 2.15 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 301 244TH ST | 29 | 29 | 24.1 | 120 | 46.65 | 42.4 | 18.47 | 3.43 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 305 244TH ST | 54 | 52 | 22.4 | 544 | 61.76 | 46.1 | 71.04 | 9.667 | 1 | 0.0185 | 0.937 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 311 244TH ST | 71 | 69 | 24.9 | 1140 | 104.2 | 54.6 | 178.9 | 21.23 | 3 | 0.0423 | 0.695 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 317 244TH ST | 58 | 56 | 27.3 | 158 | 55.34 | 51.05 | 22.94 | 3.012 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 321 244TH ST | 40 | 40 | 29.9 | 111 | 50.19 | 48.05 | 14.8 | 2.34 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 327 244TH ST | 12 | 12 | 36.1 | 55.5 | 45.84 | 45 | 7.453 | 2.152 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 331 244TH ST | 28 | 27 | 21.6 | 85.5 | 45.88 | 45.15 | 11.92 | 2.253 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 337 244TH ST | 34 | 33 | 24.8 | 70 | 42.18 | 42.4 | 9.002 | 1.544 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 341 244TH ST | 48 | 45 | 29.8 | 313 | 49.99 | 43.9 | 40.44 | 5.837 | 1 | 0.0208 | 0.915 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 344 249TH ST | 35 | 32 | 22.7 | 109 | 36.28 | 32.3 | 15.74 | 2.66 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 345 249TH ST | 93 | 76 | 21.3 | 158 | 34.27 | 30.9 | 15.6 | 1.617 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 347 244TH ST | 32 | 31 | 29.1 | 114 | 51.61 | 45.55 | 22.43 | 3.965 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 248TH ST | 49 | 47 | 19.2 | 47.3 | 28.16 | 26.6 | 7.134 | 1.019 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 249TH ST | 51 | 48 | 19.4 | 101 | 33.58 | 30.1 | 12.3 | 1.722 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 351 244TH ST | 32 | 32 | 21.9 | 62.6 | 41.12 | 41.05 | 8.576 | 1.516 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 352 249TH ST | 32 | 31 | 19.6 | 85.2 | 37.95 | 32.55 | 17.54 | 3.101 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 353 249TH ST | 32 | 29 | 19.7 | 60.9 | 31.76 | 29.9 | 9.381 | 1.658 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 354 248TH ST | 39 | 36 | 23.4 | 114 | 38.03 | 29.3 | 19.57 | 3.134 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 244TH ST | 40 | 37 | 22.9 | 66.6 | 40 | 38.7 | 10.2 | 1.613 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 249TH ST | 24 | 24 | 20.9 | 42.6 | 28.36 | 27.45 | 6.349 | 1.296 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 358 249TH ST | 43 | 41 | 18.1 | 62.1 | 28.74 | 27.3 | 8.625 | 1.315 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 360 248TH ST | 48 | 36 | 18.5 | 49.7 | 27.38 | 26.55 | 4.351 | 0.628 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 361 244TH ST | 23 | 23 | 21.7 | 81.5 | 45.19 | 44.1 | 12.6 | 2.628 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 362 249TH ST | 25 | 25 | 18.3 | 100 | 33.1 | 29.8 | 17.14 | 3.429 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 363 249TH ST | 27 | 26 | 23.3 | 673 | 71.28 | 29.5 | 124.8 | 24.01 | 1 | 0.037 | 0.75 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 364 248TH ST | 48 | 42 | 22.7 | 68.2 | 32.75 | 29.25 | 9.23 | 1.332 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 244TH ST | 13 | 12 | 20 | 282 | 64.55 | 45 | 67.76 | 18.79 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 249TH ST | 46 | 38 | 19.7 | 339 | 36.76 | 28.35 | 45.92 | 6.771 | 1 | 0.0217 | 0.906 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 368 249TH ST | 55 | 47 | 18.8 | 50.3 | 28.37 | 27.8 | 7 | 0.944 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 373 249TH ST | 42 | 37 | 22.1 | 105 | 35.44 | 28.8 | 17.52 | 2.704 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 248TH ST | 120 | 91 | 7.78 | 180 | 33.29 | 28.75 | 20.17 | 1.841 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 249TH ST | 27 | 26 | 15.7 | 47.5 | 29.3 | 28 | 7.532 | 1.45 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 244TH ST | 32 | 29 | 32.8 | 90.8 | 47.57 | 45.1 | 13.45 | 2.377 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 249TH ST | 33 | 31 | 13.4 | 102 | 29.35 | 24.9 | 15.18 | 2.642 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 378 249TH ST | 41 | 38 | 16.8 | 51.3 | 26.92 | 25.2 | 7.391 | 1.154 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 383 249TH ST | 32 | 32 | 18.9 | 128 | 32.84 | 26.6 | 20.17 | 3.566 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 402 249TH ST | 32 | 31 | 18.8 | 82.9 | 33.08 | 30.8 | 12.97 | 2.292 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 408 249TH ST | 24 | 23 | 20 | 185 | 45.62 | 32.1 | 34.84 | 7.112 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 412 249TH ST | 77 | 71 | 17.9 | 212 | 40.14 | 34.4 | 25.21 | 2.873 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - BaP TEQ (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24401 MARBELLA AVE | 33 | 24 | 0.00053 | 0.0555 | 0.0124 | 0.00838 | 0.0148 | 0.00258 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 NEPTUNE AVE | 48 | 48 | 0.00268 | 0.613 | 0.0459 | 0.0188 | 0.0962 | 0.0139 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 PANAMA AVE | 127 | 73 | 0.00053 | 0.584 | 0.0232 | 0.00098 | 0.0833 | 0.00739 | 0 | 0 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24402 RAVENNA AVE | 40 | 38 | 0.00053 | 0.569 | 0.0614 | 0.0245 | 0.101 | 0.016 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 NEPTUNE AVE | 46 | 45 | 0.00162 | 1.07 | 0.146 | 0.0539 | 0.223 | 0.0329 | 1 | 0.0217 | 0.906 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24403 RAVENNA AVE | 64 | 62 | 0.000537 | 1.236 | 0.0933 | 0.0218 | 0.252 | 0.0315 | 3 | 0.0469 | 0.627 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24405 MARBELLA AVE | 25 | 22 | 0.00053 | 0.0337 | 0.00776 | 0.00225 | 0.00944 | 0.00189 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 MARBELLA AVE | 40 | 23 | 0.00053 | 0.415 | 0.0289 | 0.00118 | 0.088 | 0.0139 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 NEPTUNE AVE | 28 | 28 | 0.00134 | 0.342 | 0.0269 | 0.0118 | 0.0633 | 0.012 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 PANAMA AVE | 23 | 22 | 0.00053 | 0.821 | 0.0908 | 0.0233 | 0.176 | 0.0368 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24406 RAVENNA AVE | 26 | 26 | 0.00439 | 0.0921 | 0.0361 | 0.0339 | 0.0264 | 0.00518 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 NEPTUNE AVE | 24 | 24 | 0.00402 | 0.45 | 0.0787 | 0.024 | 0.112 | 0.0229 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24409 RAVENNA AVE | 33 | 33 | 0.000537 | 0.17 | 0.0354 | 0.0178 | 0.0442 | 0.00769 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24410 PANAMA AVE | 33 | 29 | 0.00053 | 0.202 | 0.0367 | 0.00466 | 0.0528 | 0.00919 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 MARBELLA AVE | 69 | 48 | 0.00053 | 1.251 | 0.0601 | 0.00254 | 0.201 | 0.0243 | 2 | 0.029 | 0.866 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24411 PANAMA AVE | 41 | 35 | 0.00053 | 0.224 | 0.0474 | 0.0289 | 0.0576 | 0.009 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 MARBELLA AVE | 31 | 28 | 0.00053 | 0.208 | 0.0405 | 0.0276 | 0.0479 | 0.00861 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24412 RAVENNA AVE | 61 | 61 | 0.00053 | 0.43 | 0.0575 | 0.0237 | 0.0901 | 0.0115 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 NEPTUNE AVE | 24 | 24 | 0.00141 | 0.384 | 0.0701 | 0.0194 | 0.101 | 0.0206 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24413 RAVENNA AVE | 28 | 28 | 0.00103 | 0.386 | 0.0415 | 0.0222 | 0.0724 | 0.0137 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 MARBELLA AVE | 50 | 47 | 0.000781 | 1.102 | 0.134 | 0.0563 | 0.212 | 0.03 | 1 | 0.02 | 0.923 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 NEPTUNE AVE | 21 | 21 | 0.00152 | 0.162 | 0.028 | 0.0129 | 0.0382 | 0.00833 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 PANAMA AVE | 33 | 29 | 0.00053 | 0.197 | 0.031 | 0.00409 | 0.0568 | 0.00989 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24416 RAVENNA AVE | 42 | 42 | 0.00218 | 2.275 | 0.166 | 0.0298 | 0.432 | 0.0667 | 3 | 0.0714 | 0.351 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 MARBELLA AVE | 8 | 4 | 0.00053 | 0.0194 | 0.00469 | 0.00053 | 0.00734 | 0.0026 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24417 PANAMA AVE | 47 | 43 | 0.00053 | 0.529 | 0.0602 | 0.0256 | 0.0975 | 0.0142 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 NEPTUNE AVE | 32 | 32 | 0.00152 | 0.448 | 0.0813 | 0.0255 | 0.115 | 0.0204 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24419 RAVENNA AVE | 32 | 32 | 0.00106 | 0.176 | 0.0269 | 0.0127 | 0.0367 | 0.00649 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24420 PANAMA AVE | 33 | 30 | 0.00053 | 1.113 | 0.0684 | 0.0085 | 0.204 | 0.0356 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24421 PANAMA AVE | 30 | 29 | 0.000549 | 0.283 | 0.0786 | 0.0347 | 0.0861 | 0.0157 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 MARBELLA AVE | 43 | 43 | 0.000606 | 0.605 | 0.0888 | 0.0318 | 0.143 | 0.0218 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 NEPTUNE AVE | 36 | 36 | 0.000992 | 0.258 | 0.0327 | 0.0165 | 0.0502 | 0.00837 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24422 RAVENNA AVE | 29 | 29 | 0.00053 | 1.019 | 0.089 | 0.026 | 0.195 | 0.0362 | 1 | 0.0345 | 0.774 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 MARBELLA AVE | 13 | 9 | 0.00053 | 0.0199 | 0.00316 | 0.000786 | 0.00565 | 0.00157 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 NEPTUNE AVE | 37 | 37 | 0.00098 | 0.229 | 0.0463 | 0.0129 | 0.0666 | 0.0109 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24423 RAVENNA AVE | 40 | 40 | 0.00224 | 0.995 | 0.0677 | 0.0194 | 0.167 | 0.0265 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 MARBELLA AVE | 24 | 24 | 0.00186 | 0.419 | 0.0996 | 0.0486 | 0.102 | 0.0208 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 NEPTUNE AVE | 30 | 29 | 0.000605 | 0.142 | 0.0186 | 0.0114 | 0.0264 | 0.00483 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 PANAMA AVE | 30 | 23 | 0.00053 | 0.409 | 0.0208 | 0.00264 | 0.0753 | 0.0138 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24426 RAVENNA AVE | 49 | 49 | 0.00316 | 1.983 | 0.114 | 0.0337 | 0.296 | 0.0423 | 1 | 0.0204 | 0.919 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 MARBELLA AVE | 25 | 17 | 0.00053 | 0.0946 | 0.00892 | 0.000995 | 0.0205 | 0.0041 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24427 PANAMA AVE | 38 | 38 | 0.00078 | 0.821 | 0.0691 | 0.0136 | 0.148 | 0.0241 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 NEPTUNE AVE | 19 | 19 | 0.0012 | 0.211 | 0.0424 | 0.0178 | 0.0524 | 0.012 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24429 RAVENNA AVE | 29 | 29 | 0.00128 | 0.188 | 0.0376 | 0.0206 | 0.0404 | 0.00751 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24430 PANAMA AVE | 30 | 24 | 0.00053 | 0.139 | 0.0101 | 0.00143 | 0.0264 | 0.00481 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24431 PANAMA AVE | 35 | 35 | 0.000916 | 0.154 | 0.0386 | 0.0251 | 0.0443 | 0.00749 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24432 MARBELLA AVE | 67 | 65 | 0.0004723 | 0.5 | 0.0683 | 0.0405 | 0.0868 | 0.0106 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24433 MARBELLA AVE | 27 | 10 | 0.00053 | 0.0733 | 0.00567 | 0.0016 | 0.0147 | 0.00283 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24436 PANAMA AVE | 35 | 24 | 0.00053 | 0.156 | 0.0109 | 0.0017 | 0.0288 | 0.00487 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 MARBELLA AVE | 51 | 51 | 0.0004723 | 0.221 | 0.0456 | 0.0212 | 0.056 | 0.00784 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 NEPTUNE AVE | 58 | 57 | 0.00053 | 0.303 | 0.0343 | 0.0155 | 0.0598 | 0.00786 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 PANAMA AVE | 48 | 14 | 0.00053 | 0.0124 | 0.00143 | 0.00053 | 0.0026 | 0.00037488 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24502 RAVENNA AVE | 44 | 44 | 0.00053 | 0.489 | 0.0718 | 0.027 | 0.115 | 0.0173 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 MARBELLA AVE | 29 | 16 | 0.00053 | 0.0187 | 0.0027 | 0.000541 | 0.00408 | 0.00075744 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - BaP TEQ (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24503 NEPTUNE AVE | 60 | 60 | 0.00269 | 0.245 | 0.0561 | 0.0317 | 0.0622 | 0.00803 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 PANAMA AVE | 28 | 28 | 0.00108 | 0.347 | 0.053 | 0.0103 | 0.0854 | 0.0161 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24503 RAVENNA AVE | 34 | 34 | 0.00067 | 0.676 | 0.0429 | 0.0183 | 0.114 | 0.0196 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24506 MARBELLA AVE | 36 | 36 | 0.00308 | 0.593 | 0.097 | 0.0245 | 0.149 | 0.0249 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24507 MARBELLA AVE | 36 | 21 | 0.00053 | 0.222 | 0.0177 | 0.0007095 | 0.0432 | 0.00721 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 NEPTUNE AVE | 40 | 40 | 0.00174 | 1.09 | 0.0861 | 0.035 | 0.179 | 0.0283 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 PANAMA AVE | 24 | 8 | 0.00053 | 0.00587 | 0.00107 | 0.00053 | 0.0013 | 0.00026451 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24508 RAVENNA AVE | 39 | 38 | 0.000928 | 0.884 | 0.124 | 0.0286 | 0.192 | 0.0308 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 NEPTUNE AVE | 31 | 31 | 0.000575 | 0.405 | 0.0609 | 0.019 | 0.095 | 0.0171 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 PANAMA AVE | 47 | 45 | 0.00271 | 0.504 | 0.0647 | 0.029 | 0.0879 | 0.0128 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24509 RAVENNA AVE | 37 | 37 | 0.00327 | 0.956 | 0.0891 | 0.027 | 0.174 | 0.0286 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 MARBELLA AVE | 53 | 53 | 0.000615 | 1.118 | 0.137 | 0.0467 | 0.21 | 0.0288 | 1 | 0.0189 | 0.934 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 NEPTUNE AVE | 36 | 36 | 0.00202 | 0.207 | 0.0433 | 0.019 | 0.0512 | 0.00854 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 PANAMA AVE | 28 | 27 | 0.00053 | 0.0279 | 0.00465 | 0.00176 | 0.0074 | 0.0014 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24512 RAVENNA AVE | 46 | 46 | 0.00137 | 0.283 | 0.0376 | 0.0151 | 0.055 | 0.00811 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 NEPTUNE AVE | 37 | 37 | 0.000675 | 0.247 | 0.0351 | 0.0183 | 0.0466 | 0.00766 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 PANAMA AVE | 51 | 49 | 0.00054 | 0.232 | 0.0648 | 0.0344 | 0.0659 | 0.00922 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24513 RAVENNA AVE | 30 | 30 | 0.000743 | 0.223 | 0.0451 | 0.0157 | 0.0689 | 0.0126 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24516 MARBELLA AVE | 30 | 27 | 0.00053 | 0.409 | 0.0599 | 0.0168 | 0.101 | 0.0184 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24517 MARBELLA AVE | 12 | 12 | 0.00053 | 0.335 | 0.0507 | 0.00376 | 0.103 | 0.0298 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 NEPTUNE AVE | 45 | 45 | 0.00251 | 0.595 | 0.044 | 0.0129 | 0.0935 | 0.0139 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 PANAMA AVE | 42 | 16 | 0.00053 | 0.248 | 0.0109 | 0.00053 | 0.0413 | 0.00638 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24518 RAVENNA AVE | 30 | 30 | 0.000916 | 0.208 | 0.0322 | 0.013 | 0.0473 | 0.00864 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 NEPTUNE AVE | 35 | 35 | 0.000721 | 0.111 | 0.0331 | 0.0168 | 0.0354 | 0.00598 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24519 PANAMA AVE | 30 | 30 | 0.00078 | 0.351 | 0.0337 | 0.0147 | 0.066 | 0.012 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 MARBELLA AVE | 27 | 24 | 0.00053 | 0.208 | 0.0299 | 0.00913 | 0.0518 | 0.00997 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 NEPTUNE AVE | 28 | 28 | 0.00053 | 0.402 | 0.0368 | 0.0124 | 0.0761 | 0.0144 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 PANAMA AVE | 36 | 15 | 0.00053 | 0.015 | 0.00207 | 0.00053 | 0.00339 | 0.0005643 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24522 RAVENNA AVE | 35 | 31 | 0.00053 | 0.212 | 0.0338 | 0.0174 | 0.05 | 0.00845 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 MARBELLA AVE | 45 | 37 | 0.00053 | 0.785 | 0.0364 | 0.00298 | 0.142 | 0.0212 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 NEPTUNE AVE | 37 | 37 | 0.00053 | 0.507 | 0.0638 | 0.0251 | 0.0992 | 0.0163 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24523 RAVENNA AVE | 17 | 17 | 0.00459 | 0.297 | 0.0761 | 0.0522 | 0.0722 | 0.0175 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24526 MARBELLA AVE | 36 | 27 | 0.00053 | 0.411 | 0.0822 | 0.0137 | 0.121 | 0.0201 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 NEPTUNE AVE | 31 | 24 | 0.00053 | 0.0271 | 0.00539 | 0.00268 | 0.00719 | 0.00129 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24528 PANAMA AVE | 39 | 35 | 0.0004723 | 0.44 | 0.0545 | 0.0141 | 0.0998 | 0.016 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 NEPTUNE AVE | 32 | 32 | 0.00053 | 2.2 | 0.107 | 0.014 | 0.388 | 0.0686 | 1 | 0.0313 | 0.806 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 PANAMA AVE | 24 | 12 | 0.0004723 | 0.0359 | 0.00244 | 0.00053 | 0.00719 | 0.00147 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24529 RAVENNA AVE | 26 | 23 | 0.0005134 | 0.292 | 0.0546 | 0.0287 | 0.0714 | 0.014 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 MARBELLA AVE | 27 | 26 | 0.0005134 | 0.273 | 0.0688 | 0.0174 | 0.09 | 0.0173 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 NEPTUNE AVE | 21 | 13 | 0.00053 | 0.0285 | 0.00556 | 0.00289 | 0.0066 | 0.00144 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 PANAMA AVE | 23 | 23 | 0.00192 | 0.923 | 0.128 | 0.0284 | 0.225 | 0.0468 | 1 | 0.0435 | 0.693 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24532 RAVENNA AVE | 29 | 9 | 0.00053 | 0.0269 | 0.00266 | 0.00053 | 0.00555 | 0.00103 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 MARBELLA AVE | 25 | 22 | 0.00053 | 0.063 | 0.0111 | 0.00828 | 0.0143 | 0.00285 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 PANAMA AVE | 29 | 27 | 0.00053 | 0.356 | 0.0303 | 0.00277 | 0.0762 | 0.0141 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24533 RAVENNA AVE | 52 | 23 | 0.0004723 | 0.0988 | 0.00299 | 0.00053 | 0.0136 | 0.00189 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 MARBELLA AVE | 34 | 34 | 0.00053 | 0.496 | 0.0396 | 0.0145 | 0.0872 | 0.015 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 NEPTUNE AVE | 33 | 15 | 0.00053 | 0.0158 | 0.00235 | 0.00053 | 0.00346 | 0.0006026 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 PANAMA AVE | 40 | 38 | 0.00053 | 1.085 | 0.128 | 0.0281 | 0.243 | 0.0385 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24602 RAVENNA AVE | 28 | 11 | 0.00053 | 0.176 | 0.0116 | 0.00053 | 0.0365 | 0.00689 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 MARBELLA AVE | 26 | 23 | 0.00053 | 0.769 | 0.0448 | 0.00684 | 0.152 | 0.0298 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 NEPTUNE AVE | 49 | 38 | 0.00053 | 0.109 | 0.019 | 0.0062 | 0.032 | 0.00457 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 PANAMA AVE | 30 | 25 | 0.00053 | 0.863 | 0.0719 | 0.00264 | 0.21 | 0.0384 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24603 RAVENNA AVE | 31 | 8 | 0.00053 | 1.168 | 0.0389 | 0.00053 | 0.21 | 0.0376 | 1 | 0.0323 | 0.796 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24606 MARBELLA AVE | 63 | 45 | 0.00053 | 2.382 | 0.0912 | 0.00319 | 0.326 | 0.041 | 1 | 0.0159 | 0.961 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - BaP TEQ (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24607 MARBELLA AVE | 31 | 23 | 0.00053 | 0.207 | 0.0107 | 0.00117 | 0.0371 | 0.00666 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 NEPTUNE AVE | 37 | 22 | 0.00053 | 0.513 | 0.0576 | 0.0118 | 0.115 | 0.0188 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 PANAMA AVE | 22 | 21 | 0.00053 | 1.799 | 0.268 | 0.0687 | 0.479 | 0.102 | 2 | 0.0909 | 0.302 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24608 RAVENNA AVE | 40 | 31 | 0.00053 | 1.579 | 0.12 | 0.0079 | 0.314 | 0.0496 | 2 | 0.05 | 0.601 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 NEPTUNE AVE | 30 | 30 | 0.00053 | 1.449 | 0.191 | 0.0208 | 0.37 | 0.0675 | 2 | 0.0667 | 0.446 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 PANAMA AVE | 34 | 33 | 0.00053 | 0.896 | 0.0873 | 0.0166 | 0.185 | 0.0317 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24609 RAVENNA AVE | 45 | 25 | 0.00053 | 0.0456 | 0.00452 | 0.00088 | 0.00952 | 0.00142 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 MARBELLA AVE | 51 | 38 | 0.00053 | 0.803 | 0.0875 | 0.00486 | 0.185 | 0.026 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 NEPTUNE AVE | 47 | 45 | 0.0004723 | 1.972 | 0.316 | 0.0675 | 0.514 | 0.0749 | 8 | 0.17 | 0.00213 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24612 PANAMA AVE | 33 | 31 | 0.0004723 | 1.647 | 0.146 | 0.0144 | 0.348 | 0.0606 | 2 | 0.0606 | 0.496 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24612 RAVENNA AVE | 46 | 38 | 0.00053 | 0.352 | 0.0582 | 0.0159 | 0.0873 | 0.0129 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 MARBELLA AVE | 52 | 26 | 0.00053 | 0.135 | 0.00557 | 0.0005475 | 0.0189 | 0.00261 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 NEPTUNE AVE | 39 | 39 | 0.00208 | 0.879 | 0.145 | 0.0497 | 0.225 | 0.036 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 PANAMA AVE | 51 | 51 | 0.000537 | 6.181 | 0.262 | 0.0435 | 0.87 | 0.122 | 1 | 0.0196 | 0.927 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24613 RAVENNA AVE | 33 | 21 | 0.00053 | 0.591 | 0.0384 | 0.000762 | 0.113 | 0.0196 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24616 MARBELLA AVE | 57 | 56 | 0.00053 | 3.037 | 0.498 | 0.0552 | 0.747 | 0.099 | 12 | 0.211 | 2.09E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24617 MARBELLA AVE | 34 | 11 | 0.00053 | 0.018 | 0.00136 | 0.00053 | 0.00311 | 0.00053272 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 NEPTUNE AVE | 26 | 26 | 0.00173 | 0.571 | 0.09 | 0.0197 | 0.156 | 0.0306 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 PANAMA AVE | 28 | 28 | 0.000605 | 1.197 | 0.204 | 0.0431 | 0.308 | 0.0582 | 2 | 0.0714 | 0.412 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24618 RAVENNA AVE | 40 | 24 | 0.00053 | 0.746 | 0.0235 | 0.00126 | 0.117 | 0.0186 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 NEPTUNE AVE | 28 | 28 | 0.00233 | 1.822 | 0.241 | 0.0504 | 0.425 | 0.0804 | 2 | 0.0714 | 0.412 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 PANAMA AVE | 38 | 38 | 0.0023 | 0.755 | 0.151 | 0.0428 | 0.2 | 0.0325 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24619 RAVENNA AVE | 35 | 22 | 0.00053 | 2.496 | 0.132 | 0.00102 | 0.467 | 0.0789 | 2 | 0.0571 | 0.528 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24622 MARBELLA AVE | 53 | 52 | 0.00053 | 6.891 | 0.409 | 0.0114 | 1.082 | 0.149 | 8 | 0.151 | 0.00461 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24622 NEPTUNE AVE | 34 | 34 | 0.00424 | 3.304 | 0.206 | 0.0327 | 0.57 | 0.0978 | 1 | 0.0294 | 0.825 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 MARBELLA AVE | 32 | 14 | 0.00053 | 0.106 | 0.00782 | 0.00053 | 0.0219 | 0.00387 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24623 NEPTUNE AVE | 36 | 36 | 0.00852 | 4.856 | 0.452 | 0.0662 | 1.002 | 0.167 | 6 | 0.167 | 0.00834 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24627 MARBELLA AVE | 48 | 34 | 0.00053 | 1.041 | 0.0738 | 0.00236 | 0.179 | 0.0259 | 1 | 0.0208 | 0.915 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 MARBELLA AVE | 52 | 51 | 0.00053 | 0.712 | 0.0678 | 0.00913 | 0.148 | 0.0205 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24628 NEPTUNE AVE | 18 | 18 | 0.0019 | 0.342 | 0.0673 | 0.03 | 0.0941 | 0.0222 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24629 NEPTUNE AVE | 39 | 39 | 0.00106 | 0.914 | 0.132 | 0.0418 | 0.221 | 0.0354 | 1 | 0.0256 | 0.865 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24632 NEPTUNE AVE | 20 | 20 | 0.00312 | 2.497 | 0.254 | 0.0276 | 0.591 | 0.132 | 2 | 0.1 | 0.264 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24633 MARBELLA AVE | 40 | 37 | 0.0004723 | 1.551 | 0.0454 | 0.00152 | 0.244 | 0.0386 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 MARBELLA AVE | 46 | 46 | 0.00053 | 1.099 | 0.0965 | 0.032 | 0.207 | 0.0305 | 1 | 0.0217 | 0.906 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24700 RAVENNA AVE | 56 | 40 | 0.00053 | 0.444 | 0.0272 | 0.00283 | 0.0772 | 0.0103 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 NEPTUNE AVE | 46 | 46 | 0.00258 | 1.538 | 0.173 | 0.0546 | 0.31 | 0.0458 | 3 | 0.0652 | 0.406 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24702 PANAMA AVE | 30 | 30 | 0.00254 | 5.003 | 0.452 | 0.0898 | 1.005 | 0.184 | 4 | 0.133 | 0.0608 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 MARBELLA AVE | 36 | 23 | 0.00053 | 1.833 | 0.0574 | 0.00187 | 0.305 | 0.0508 | 1 | 0.0278 | 0.842 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 NEPTUNE AVE | 39 | 38 | 0.0032 | 0.629 | 0.104 | 0.045 | 0.145 | 0.0233 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24703 RAVENNA AVE | 53 | 50 | 0.00053 | 2.722 | 0.217 | 0.0311 | 0.482 | 0.0662 | 3 | 0.0566 | 0.498 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 MARBELLA AVE | 43 | 43 | 0.00217 | 1.428 | 0.189 | 0.053 | 0.32 | 0.0489 | 2 | 0.0465 | 0.64 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24706 RAVENNA AVE | 33 | 33 | 0.00235 | 0.888 | 0.103 | 0.0229 | 0.189 | 0.0329 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24707 MARBELLA AVE | 37 | 23 | 0.00053 | 0.0779 | 0.00757 | 0.00118 | 0.0154 | 0.00253 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24708 PANAMA AVE | 37 | 37 | 0.000639 | 1.972 | 0.185 | 0.0696 | 0.381 | 0.0626 | 2 | 0.0541 | 0.558 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 NEPTUNE AVE | 37 | 37 | 0.00569 | 1.531 | 0.185 | 0.0472 | 0.304 | 0.05 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 PANAMA AVE | 43 | 43 | 0.00171 | 7.051 | 0.514 | 0.0676 | 1.219 | 0.186 | 5 | 0.116 | 0.0623 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24709 RAVENNA AVE | 52 | 48 | 0.00053 | 3.926 | 0.244 | 0.0507 | 0.648 | 0.0898 | 4 | 0.0769 | 0.262 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24710 MARBELLA AVE | 43 | 42 | 0.000689 | 2.282 | 0.178 | 0.0256 | 0.385 | 0.0587 | 2 | 0.0465 | 0.64 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 NEPTUNE AVE | 32 | 32 | 0.00356 | 0.992 | 0.122 | 0.0416 | 0.197 | 0.0349 | 1 | 0.0313 | 0.806 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 PANAMA AVE | 27 | 27 | 0.00294 | 1.979 | 0.271 | 0.125 | 0.471 | 0.0906 | 2 | 0.0741 | 0.394 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24712 RAVENNA AVE | 45 | 45 | 0.00053 | 1.51 | 0.106 | 0.0297 | 0.251 | 0.0374 | 1 | 0.0222 | 0.901 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 MARBELLA AVE | 37 | 29 | 0.00053 | 0.086 | 0.0148 | 0.00513 | 0.0219 | 0.0036 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 PANAMA AVE | 34 | 34 | 0.00188 | 2.124 | 0.162 | 0.0354 | 0.396 | 0.0679 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24713 RAVENNA AVE | 35 | 28 | 0.00053 | 2.226 | 0.17 | 0.0071 | 0.462 | 0.0781 | 2 | 0.0571 | 0.528 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - BaP TEQ (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24715 NEPTUNE AVE | 37 | 37 | 0.00526 | 2.31 | 0.321 | 0.0663 | 0.534 | 0.0877 | 5 | 0.135 | 0.0359 | Reject H0, Conclude Site Proportion > 0.05 | |
| 24716 MARBELLA AVE | 30 | 25 | 0.00053 | 0.869 | 0.0663 | 0.00879 | 0.172 | 0.0315 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24716 RAVENNA AVE | 15 | 15 | 0.000634 | 0.313 | 0.0819 | 0.0472 | 0.0905 | 0.0234 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24717 MARBELLA AVE | 38 | 29 | 0.00053 | 0.682 | 0.0517 | 0.00319 | 0.132 | 0.0214 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 NEPTUNE AVE | 70 | 49 | 0.00053 | 0.475 | 0.0594 | 0.0121 | 0.0909 | 0.0109 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24718 PANAMA AVE | 33 | 33 | 0.00452 | 16.09 | 0.625 | 0.096 | 2.781 | 0.484 | 1 | 0.0303 | 0.816 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 NEPTUNE AVE | 33 | 31 | 0.00053 | 0.192 | 0.0467 | 0.0368 | 0.0452 | 0.00787 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 PANAMA AVE | 28 | 28 | 0.00212 | 1.74 | 0.196 | 0.0529 | 0.368 | 0.0696 | 1 | 0.0357 | 0.762 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24719 RAVENNA AVE | 45 | 40 | 0.00053 | 1.022 | 0.103 | 0.035 | 0.208 | 0.031 | 2 | 0.0444 | 0.665 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 MARBELLA AVE | 34 | 33 | 0.00053 | 0.687 | 0.048 | 0.0159 | 0.119 | 0.0204 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 NEPTUNE AVE | 40 | 18 | 0.00053 | 0.0318 | 0.00439 | 0.00053 | 0.00779 | 0.00123 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 PANAMA AVE | 18 | 17 | 0.00053 | 0.713 | 0.155 | 0.0355 | 0.241 | 0.0569 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24722 RAVENNA AVE | 50 | 48 | 0.00053 | 0.858 | 0.106 | 0.0227 | 0.195 | 0.0276 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 MARBELLA AVE | 22 | 16 | 0.00053 | 0.404 | 0.0256 | 0.00265 | 0.086 | 0.0183 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24723 RAVENNA AVE | 37 | 30 | 0.00053 | 0.0713 | 0.0137 | 0.00433 | 0.019 | 0.00312 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24725 NEPTUNE AVE | 35 | 25 | 0.00053 | 0.238 | 0.0196 | 0.00138 | 0.047 | 0.00795 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 MARBELLA AVE | 49 | 39 | 0.00053 | 0.346 | 0.0227 | 0.00489 | 0.0553 | 0.0079 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24726 RAVENNA AVE | 37 | 34 | 0.00053 | 3.954 | 0.146 | 0.00338 | 0.649 | 0.107 | 1 | 0.027 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24727 MARBELLA AVE | 40 | 35 | 0.00053 | 1.765 | 0.0922 | 0.00656 | 0.292 | 0.0461 | 1 | 0.025 | 0.871 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 NEPTUNE AVE | 33 | 23 | 0.00053 | 0.357 | 0.0206 | 0.00093 | 0.0658 | 0.0115 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24728 PANAMA AVE | 31 | 31 | 0.00185 | 1.706 | 0.174 | 0.0543 | 0.34 | 0.061 | 1 | 0.0323 | 0.796 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 NEPTUNE AVE | 35 | 24 | 0.00053 | 0.32 | 0.0275 | 0.00276 | 0.0618 | 0.0104 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 PANAMA AVE | 34 | 34 | 0.00053 | 0.187 | 0.0381 | 0.0155 | 0.0454 | 0.00779 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24729 RAVENNA AVE | 16 | 5 | 0.00053 | 0.013 | 0.0024 | 0.00053 | 0.00391 | 0.00097644 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 MARBELLA AVE | 37 | 29 | 0.00053 | 0.406 | 0.0249 | 0.0031 | 0.0771 | 0.0127 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 NEPTUNE AVE | 35 | 26 | 0.00053 | 1.852 | 0.132 | 0.0345 | 0.323 | 0.0545 | 1 | 0.0286 | 0.834 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 PANAMA AVE | 33 | 28 | 0.00053 | 0.498 | 0.0616 | 0.0284 | 0.106 | 0.0185 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24732 RAVENNA AVE | 42 | 39 | 0.00053 | 0.273 | 0.0395 | 0.00573 | 0.0703 | 0.0108 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 MARBELLA AVE | 32 | 22 | 0.00053 | 0.12 | 0.0151 | 0.003 | 0.026 | 0.0046 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 PANAMA AVE | 38 | 38 | 0.00228 | 1.98 | 0.196 | 0.0584 | 0.4 | 0.0649 | 2 | 0.0526 | 0.573 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24733 RAVENNA AVE | 40 | 30 | 0.00053 | 0.198 | 0.0144 | 0.00169 | 0.0364 | 0.00576 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24735 NEPTUNE AVE | 36 | 35 | 0.00053 | 0.656 | 0.0351 | 0.00439 | 0.111 | 0.0185 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 MARBELLA AVE | 52 | 40 | 0.00053 | 0.149 | 0.0193 | 0.00257 | 0.032 | 0.00444 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24736 RAVENNA AVE | 43 | 41 | 0.00273 | 1.032 | 0.148 | 0.058 | 0.214 | 0.0327 | 1 | 0.0233 | 0.89 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24737 MARBELLA AVE | 28 | 24 | 0.00053 | 0.586 | 0.042 | 0.00339 | 0.116 | 0.022 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 NEPTUNE AVE | 51 | 46 | 0.00053 | 2.263 | 0.268 | 0.125 | 0.407 | 0.057 | 3 | 0.0588 | 0.473 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24738 PANAMA AVE | 32 | 31 | 0.00053 | 2.037 | 0.232 | 0.054 | 0.463 | 0.0818 | 2 | 0.0625 | 0.48 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 NEPTUNE AVE | 41 | 39 | 0.00053 | 0.415 | 0.0421 | 0.00825 | 0.0862 | 0.0135 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 PANAMA AVE | 43 | 39 | 0.00053 | 0.525 | 0.0579 | 0.0214 | 0.109 | 0.0166 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24739 RAVENNA AVE | 42 | 41 | 0.00053 | 1.43 | 0.291 | 0.182 | 0.378 | 0.0583 | 5 | 0.119 | 0.0573 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24740 MARBELLA AVE | 64 | 46 | 0.00053 | 1.185 | 0.0526 | 0.00276 | 0.17 | 0.0212 | 1 | 0.0156 | 0.962 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24741 MARBELLA AVE | 12 | 12 | 0.00053 | 0.0717 | 0.0178 | 0.0138 | 0.0213 | 0.00615 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24743 RAVENNA AVE | 47 | 47 | 0.00118 | 1.455 | 0.259 | 0.141 | 0.336 | 0.049 | 3 | 0.0638 | 0.42 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24744 MARBELLA AVE | 25 | 21 | 0.00053 | 0.492 | 0.0643 | 0.00428 | 0.148 | 0.0296 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24748 RAVENNA AVE | 24 | 24 | 0.00411 | 0.905 | 0.145 | 0.0648 | 0.206 | 0.042 | 1 | 0.0417 | 0.708 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24749 RAVENNA AVE | 43 | 43 | 0.00518 | 1.1 | 0.191 | 0.0935 | 0.218 | 0.0333 | 1 | 0.0233 | 0.89 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24752 RAVENNA AVE | 45 | 45 | 0.00342 | 1.521 | 0.127 | 0.0707 | 0.236 | 0.0351 | 1 | 0.0222 | 0.901 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24802 PANAMA AVE | 47 | 46 | 0.00053 | 0.775 | 0.0718 | 0.0193 | 0.128 | 0.0187 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 NEPTUNE AVE | 32 | 32 | 0.000893 | 0.23 | 0.0291 | 0.00868 | 0.0494 | 0.00874 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24803 PANAMA AVE | 18 | 16 | 0.00053 | 0.849 | 0.108 | 0.00215 | 0.246 | 0.058 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 NEPTUNE AVE | 27 | 27 | 0.000536 | 1.659 | 0.113 | 0.0331 | 0.315 | 0.0606 | 1 | 0.037 | 0.75 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24809 PANAMA AVE | 36 | 36 | 0.000552 | 0.55 | 0.118 | 0.0469 | 0.154 | 0.0256 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24812 PANAMA AVE | 29 | 24 | 0.00053 | 0.331 | 0.0351 | 0.00336 | 0.0762 | 0.0142 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24813 PANAMA AVE | 15 | 15 | 0.0113 | 0.609 | 0.201 | 0.134 | 0.198 | 0.051 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

| One Sample Proportion Test Results - BaP TEQ (0-10) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Location | Number of Samples | Number of Distinct | Minimum | Maximum | Mean | Median | SD of Detected | SE of Mean | Number of Exceedances | Sample Proportion of Exceedances | P-Value | Conclusion | Warnings |
| 24815 NEPTUNE AVE | 30 | 29 | 0.00115 | 0.628 | 0.0924 | 0.0347 | 0.157 | 0.0287 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24818 PANAMA AVE | 34 | 33 | 0.00053 | 15.22 | 0.517 | 0.01 | 2.608 | 0.447 | 2 | 0.0588 | 0.512 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24819 PANAMA AVE | 34 | 34 | 0.00986 | 0.661 | 0.12 | 0.0792 | 0.147 | 0.0251 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24822 PANAMA AVE | 43 | 42 | 0.00053 | 0.448 | 0.0545 | 0.014 | 0.0844 | 0.0129 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24823 PANAMA AVE | 39 | 39 | 0.00358 | 0.937 | 0.113 | 0.0649 | 0.165 | 0.0264 | 1 | 0.0256 | 0.865 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24825 NEPTUNE AVE | 98 | 84 | 0.00053 | 0.287 | 0.0207 | 0.0045 | 0.0423 | 0.00428 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24828 PANAMA AVE | 36 | 36 | 0.0005134 | 2.862 | 0.189 | 0.0289 | 0.56 | 0.0933 | 3 | 0.0833 | 0.268 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24829 PANAMA AVE | 48 | 48 | 0.00161 | 1.036 | 0.0977 | 0.0639 | 0.152 | 0.022 | 1 | 0.0208 | 0.915 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24832 PANAMA AVE | 38 | 38 | 0.00053 | 0.8 | 0.0662 | 0.0188 | 0.142 | 0.023 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24833 PANAMA AVE | 43 | 41 | 0.00053 | 1.254 | 0.112 | 0.0456 | 0.223 | 0.034 | 1 | 0.0233 | 0.89 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24838 PANAMA AVE | 28 | 28 | 0.00078 | 0.871 | 0.146 | 0.0417 | 0.239 | 0.0451 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24904 NEPTUNE AVE | 74 | 74 | 0.00088 | 0.652 | 0.106 | 0.0675 | 0.113 | 0.0131 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 24912 NEPTUNE AVE | 36 | 36 | 0.00053 | 0.314 | 0.0448 | 0.0182 | 0.0688 | 0.0115 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 301 244TH ST | 29 | 21 | 0.00053 | 0.212 | 0.0235 | 0.00176 | 0.0465 | 0.00864 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 305 244TH ST | 54 | 34 | 0.00053 | 8.597 | 0.561 | 0.00104 | 1.784 | 0.243 | 5 | 0.0926 | 0.132 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 311 244TH ST | 71 | 64 | 0.00053 | 33.31 | 1.833 | 0.0174 | 5.196 | 0.617 | 13 | 0.183 | 4.60E-05 | Reject H0, Conclude Site Proportion > 0.05 | |
| 317 244TH ST | 58 | 42 | 0.00053 | 13.07 | 0.606 | 0.00316 | 2.459 | 0.323 | 4 | 0.069 | 0.33 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 321 244TH ST | 40 | 27 | 0.00053 | 0.0578 | 0.00807 | 0.00185 | 0.0128 | 0.00202 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 327 244TH ST | 12 | 7 | 0.00053 | 0.0132 | 0.00359 | 0.00148 | 0.00423 | 0.00122 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 331 244TH ST | 28 | 9 | 0.00053 | 0.0519 | 0.00426 | 0.00053 | 0.0106 | 0.00201 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 337 244TH ST | 34 | 19 | 0.00053 | 0.0548 | 0.00598 | 0.0011 | 0.011 | 0.00189 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 341 244TH ST | 48 | 29 | 0.00053 | 0.0714 | 0.00622 | 0.0006665 | 0.014 | 0.00202 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 344 249TH ST | 35 | 35 | 0.000627 | 0.542 | 0.083 | 0.039 | 0.127 | 0.0215 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 345 249TH ST | 93 | 89 | 0.00053 | 2.431 | 0.135 | 0.0222 | 0.395 | 0.041 | 3 | 0.0323 | 0.85 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 347 244TH ST | 32 | 21 | 0.00053 | 0.0357 | 0.00579 | 0.00116 | 0.00915 | 0.00162 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 248TH ST | 49 | 46 | 0.00053 | 4.123 | 0.219 | 0.0137 | 0.687 | 0.0981 | 2 | 0.0408 | 0.71 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 348 249TH ST | 51 | 51 | 0.00316 | 0.424 | 0.0982 | 0.0618 | 0.108 | 0.0151 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 351 244TH ST | 32 | 23 | 0.00053 | 0.488 | 0.0234 | 0.00208 | 0.0863 | 0.0153 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 352 249TH ST | 32 | 32 | 0.00053 | 0.899 | 0.0954 | 0.0441 | 0.17 | 0.0301 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 353 249TH ST | 32 | 32 | 0.000538 | 0.466 | 0.0321 | 0.00959 | 0.0843 | 0.0149 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 354 248TH ST | 39 | 39 | 0.00343 | 1.271 | 0.256 | 0.128 | 0.335 | 0.0537 | 3 | 0.0769 | 0.309 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 244TH ST | 40 | 20 | 0.00053 | 0.0643 | 0.00459 | 0.00053 | 0.0109 | 0.00172 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 357 249TH ST | 24 | 23 | 0.00053 | 1.449 | 0.126 | 0.0262 | 0.329 | 0.0672 | 1 | 0.0417 | 0.708 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 358 249TH ST | 43 | 40 | 0.00053 | 0.416 | 0.0506 | 0.0075 | 0.0978 | 0.0149 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 360 248TH ST | 48 | 47 | 0.00053 | 0.448 | 0.0935 | 0.0403 | 0.123 | 0.0177 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 361 244TH ST | 23 | 16 | 0.00053 | 0.0452 | 0.00615 | 0.00208 | 0.0104 | 0.00218 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 362 249TH ST | 25 | 21 | 0.00053 | 0.0862 | 0.0154 | 0.00348 | 0.024 | 0.00479 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 363 249TH ST | 27 | 27 | 0.0054 | 2.198 | 0.182 | 0.0603 | 0.417 | 0.0802 | 1 | 0.037 | 0.75 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 364 248TH ST | 49 | 49 | 0.000654 | 0.735 | 0.126 | 0.051 | 0.173 | 0.0247 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 244TH ST | 13 | 13 | 0.000659 | 0.691 | 0.097 | 0.0175 | 0.188 | 0.0522 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 367 249TH ST | 46 | 46 | 0.00249 | 1.128 | 0.121 | 0.0558 | 0.215 | 0.0317 | 2 | 0.0435 | 0.677 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 368 249TH ST | 55 | 55 | 0.000603 | 7.213 | 0.282 | 0.0214 | 1.197 | 0.161 | 3 | 0.0545 | 0.523 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 373 249TH ST | 42 | 42 | 0.00728 | 0.664 | 0.0904 | 0.0462 | 0.116 | 0.0179 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 248TH ST | 120 | 120 | 0.00061 | 22.3 | 0.502 | 0.079 | 2.29 | 0.209 | 6 | 0.05 | | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 374 249TH ST | 27 | 27 | 0.000538 | 0.46 | 0.143 | 0.0823 | 0.142 | 0.0273 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 244TH ST | 32 | 20 | 0.00053 | 0.203 | 0.0167 | 0.0015 | 0.0396 | 0.00701 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 377 249TH ST | 33 | 33 | 0.00554 | 0.718 | 0.136 | 0.0952 | 0.152 | 0.0264 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 378 249TH ST | 41 | 37 | 0.00053 | 0.456 | 0.0417 | 0.0176 | 0.0756 | 0.0118 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 383 249TH ST | 32 | 32 | 0.00446 | 3.06 | 0.322 | 0.0761 | 0.718 | 0.127 | 2 | 0.0625 | 0.48 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 402 249TH ST | 32 | 32 | 0.00053 | 0.547 | 0.0536 | 0.0194 | 0.107 | 0.0189 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 408 249TH ST | 24 | 22 | 0.00053 | 0.239 | 0.0429 | 0.0325 | 0.0541 | 0.011 | 0 | 0 | 1 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |
| 412 249TH ST | 77 | 72 | 0.00053 | 16.19 | 0.266 | 0.0191 | 1.842 | 0.21 | 1 | 0.013 | 0.981 | Do Not Reject H0, Conclude Site Proportion <= 0.05 | |

# APPENDIX 6b

## ProUCL Output of One-Sample Proportion Test

**Antimony(0-10) (24401 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 21 |
| Minimum | 0.15 |
| Maximum | 1.14 |
| Mean | 0.437 |
| Median | 0.36 |
| SD | 0.292 |
| SE of Mean | 0.0509 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.182 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00539 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24402 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.122E-16 |
| SE of Mean | 1.619E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24402 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 127 |
| Number of Distinct Observations | 84 |
| Minimum | 0.31 |
| Maximum | 2.1 |
| Mean | 0.997 |
| Median | 0.95 |
| SD | 0.454 |
| SE of Mean | 0.0403 |
| Number of Exceedances | 84 |
| Sample Proportion of Exceedances | 0.661 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | 31.41 |
| Critical Value (0.05) | 1.645 |

| | |
|---|---|
| P-Value | 0 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05

P-Value < Alpha (0.05)

**Antimony(0-10) (24402 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.28 |
| Mean | 0.26 |
| Median | 0.28 |
| SD | 0.0381 |
| SE of Mean | 0.00602 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24403 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 40 |
| Minimum | 0.31 |
| Maximum | 1.99 |
| Mean | 1.055 |
| Median | 1.03 |
| SD | 0.432 |
| SE of Mean | 0.0636 |
| Number of Exceedances | 34 |
| Sample Proportion of Exceedances | 0.739 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.246E-34 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24403 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 62 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.62 |
| Mean | 0.315 |
| Median | 0.31 |
| SD | 0.0394 |
| SE of Mean | 0.005 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24405 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 10 |
| Minimum | 0.31 |
| Maximum | 1.1 |
| Mean | 0.424 |
| Median | 0.31 |
| SD | 0.191 |
| SE of Mean | 0.0381 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.04 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.723 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24406 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 0.8 |
| Mean | 0.33 |
| Median | 0.31 |
| SD | 0.0842 |
| SE of Mean | 0.0133 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.871 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24406 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 10 |
| Minimum | 0.15 |
| Maximum | 1.7 |
| Mean | 0.47 |

| | |
|---|---|
| Median | 0.15 |
| SD | 0.51 |
| SE of Mean | 0.0963 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.917E-05 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24406 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 6 |
| Minimum | 0.19 |
| Maximum | 4.3 |
| Mean | 0.805 |
| Median | 0.31 |
| SD | 1.226 |
| SE of Mean | 0.256 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.174 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0258 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24406 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 1 |
| Minimum | 0.28 |
| Maximum | 0.28 |
| Mean | 0.28 |
| Median | 0.28 |
| SD | 1.698E-16 |
| SE of Mean | 3.331E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24409 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |

| | |
|---|---|
| Number of Distinct Observations | 10 |
| Minimum | 0.15 |
| Maximum | 2.07 |
| Mean | 0.426 |
| Median | 0.23 |
| SD | 0.47 |
| SE of Mean | 0.0959 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.167 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0298 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24409 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.637E-17 |
| SE of Mean | 9.813E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24410 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.637E-17 |
| SE of Mean | 9.813E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24411 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 69 |
| Number of Distinct Observations | 47 |
| Minimum | 0.31 |
| Maximum | 3.58 |
| Mean | 1.335 |
| Median | 1.46 |
| SD | 0.884 |
| SE of Mean | 0.106 |
| Number of Exceedances | 45 |
| Sample Proportion of Exceedances | 0.652 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.967E-41 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24411 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24412 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.31 |
| Mean | 0.284 |
| Median | 0.31 |
| SD | 0.0598 |
| SE of Mean | 0.0107 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24412 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 61 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.597E-17 |
| SE of Mean | 7.166E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24413 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 12 |
| Minimum | 0.31 |
| Maximum | 0.81 |
| Mean | 0.391 |
| Median | 0.31 |
| SD | 0.134 |
| SE of Mean | 0.0273 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0417 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.708 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24413 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 20 |
| Minimum | 0.31 |
| Maximum | 1.56 |
| Mean | 0.803 |
| Median | 0.845 |
| SD | 0.379 |
| SE of Mean | 0.0716 |
| Number of Exceedances | 15 |
| Sample Proportion of Exceedances | 0.536 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 6.126E-13 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Antimony(0-10) (24416 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.682E-16 |
| SE of Mean | 2.379E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24416 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.4 |
| Mean | 0.314 |
| Median | 0.31 |
| SD | 0.0196 |
| SE of Mean | 0.00429 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24416 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 23 |
| Minimum | 0.31 |
| Maximum | 2.26 |
| Mean | 1.027 |
| Median | 1.06 |
| SD | 0.584 |
| SE of Mean | 0.102 |
| Number of Exceedances | 22 |
| Sample Proportion of Exceedances | 0.667 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 2.692E-21 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24416 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.293 |
| Median | 0.31 |
| SD | 0.0425 |
| SE of Mean | 0.00656 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24417 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 8 |
| Number of Distinct Observations | 3 |
| Minimum | 0.31 |
| Maximum | 2.19 |
| Mean | 0.759 |
| Median | 0.31 |
| SD | 0.832 |
| SE of Mean | 0.294 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.25 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0572 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24417 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |

| | |
|---|---|
| SD | 1.122E-16 |
| SE of Mean | 1.637E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24419 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.64E-17 |
| SE of Mean | 9.97E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24419 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 19 |
| Minimum | 0.19 |
| Maximum | 1.55 |
| Mean | 0.665 |
| Median | 0.66 |
| SD | 0.419 |
| SE of Mean | 0.0741 |
| Number of Exceedances | 14 |
| Sample Proportion of Exceedances | 0.438 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.219E-10 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24420 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 3 |

| | |
|---|---|
| Minimum | 0.31 |
| Maximum | 0.63 |
| Mean | 0.322 |
| Median | 0.31 |
| SD | 0.0564 |
| SE of Mean | 0.00981 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24421 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.129E-16 |
| SE of Mean | 2.062E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24422 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.31 |
| Mean | 0.299 |
| Median | 0.31 |
| SD | 0.0412 |
| SE of Mean | 0.00629 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24422 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 26 |
| Minimum | 0.19 |
| Maximum | 1.91 |
| Mean | 0.789 |
| Median | 0.74 |
| SD | 0.503 |
| SE of Mean | 0.0838 |
| Number of Exceedances | 17 |
| Sample Proportion of Exceedances | 0.472 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 2.62E-13 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24422 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.28 |
| Maximum | 0.28 |
| Mean | 0.28 |
| Median | 0.28 |
| SD | 1.13E-16 |
| SE of Mean | 2.098E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24423 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24423 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24423 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.292 |
| Median | 0.31 |
| SD | 0.0434 |
| SE of Mean | 0.00686 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24426 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.29 |
| Median | 0.31 |
| SD | 0.0457 |
| SE of Mean | 0.00933 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24426 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.286 |
| Median | 0.31 |
| SD | 0.0488 |
| SE of Mean | 0.00891 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24426 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 3 |
| Minimum | 0.31 |
| Maximum | 1.05 |
| Mean | 0.356 |
| Median | 0.31 |
| SD | 0.176 |
| SE of Mean | 0.0321 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0667 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.446 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24426 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 27 |
| Minimum | 0.31 |
| Maximum | 2.4 |
| Mean | 0.773 |
| Median | 0.66 |
| SD | 0.525 |
| SE of Mean | 0.0751 |
| Number of Exceedances | 22 |
| Sample Proportion of Exceedances | 0.449 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 3.161E-16 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Antimony(0-10) (24427 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.7E-16 |
| SE of Mean | 3.399E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24427 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 3 |
| Minimum | 0.15 |
| Maximum | 0.39 |
| Mean | 0.308 |
| Median | 0.31 |
| SD | 0.0293 |
| SE of Mean | 0.00476 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24429 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 19 |
| Number of Distinct Observations | 5 |
| Minimum | 0.31 |
| Maximum | 1.98 |
| Mean | 0.438 |
| Median | 0.31 |
| SD | 0.39 |

| | |
|---|---|
| SE of Mean | 0.0894 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0526 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.623 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24429 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 8 |
| Minimum | 0.22 |
| Maximum | 0.48 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0.0543 |
| SE of Mean | 0.0101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24430 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 5 |
| Minimum | 0.19 |
| Maximum | 0.42 |
| Mean | 0.303 |
| Median | 0.31 |
| SD | 0.0437 |
| SE of Mean | 0.00797 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24431 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |

| | |
|---|---|
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24432 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 67 |
| Number of Distinct Observations | 13 |
| Minimum | 0.15 |
| Maximum | 0.7 |
| Mean | 0.331 |
| Median | 0.31 |
| SD | 0.0949 |
| SE of Mean | 0.0116 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24433 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 3 |
| Minimum | 0.19 |
| Maximum | 0.33 |
| Mean | 0.28 |
| Median | 0.31 |
| SD | 0.0542 |
| SE of Mean | 0.0104 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24436 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 0.77 |
| Mean | 0.333 |
| Median | 0.31 |
| SD | 0.0943 |
| SE of Mean | 0.0159 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24502 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.31 |
| Mean | 0.291 |
| Median | 0.31 |
| SD | 0.0521 |
| SE of Mean | 0.00729 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24502 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.298 |
| Median | 0.31 |
| SD | 0.0369 |
| SE of Mean | 0.00484 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24502 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 30 |
| Minimum | 0.15 |
| Maximum | 3.35 |
| Mean | 0.853 |
| Median | 0.565 |
| SD | 0.696 |
| SE of Mean | 0.101 |
| Number of Exceedances | 22 |
| Sample Proportion of Exceedances | 0.458 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1.829E-16

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24502 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 44 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 1.1 |
| Mean | 0.328 |
| Median | 0.31 |
| SD | 0.119 |
| SE of Mean | 0.018 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0227 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.895

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24503 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.13E-16 |
| SE of Mean | 2.098E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24503 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 60 |
| Number of Distinct Observations | 21 |
| Minimum | 0.15 |
| Maximum | 1.75 |
| Mean | 0.505 |
| Median | 0.31 |
| SD | 0.386 |
| SE of Mean | 0.0498 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.217 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 6.85E-06 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Antimony(0-10) (24503 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 5 |
| Minimum | 0.19 |
| Maximum | 6.45 |
| Mean | 0.803 |
| Median | 0.31 |
| SD | 1.518 |
| SE of Mean | 0.287 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.107 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.163 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24503 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 9 |
| Minimum | 0.15 |
| Maximum | 1.16 |
| Mean | 0.354 |
| Median | 0.31 |
| SD | 0.198 |
| SE of Mean | 0.0339 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0588 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.512 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24506 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 2 |
| Minimum | 0.28 |
| Maximum | 0.31 |
| Mean | 0.288 |
| Median | 0.28 |
| SD | 0.0132 |
| SE of Mean | 0.0022 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24507 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 6 |
| Minimum | 0.31 |
| Maximum | 1.44 |
| Mean | 0.384 |
| Median | 0.31 |
| SD | 0.245 |
| SE of Mean | 0.0409 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0556 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.543 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24508 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.622E-17 |
| SE of Mean | 8.889E-18 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24508 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.701E-16 |
| SE of Mean | 3.472E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24508 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 0.91 |
| Mean | 0.335 |
| Median | 0.31 |
| SD | 0.106 |
| SE of Mean | 0.017 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0256 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.865 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24509 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 10 |
| Minimum | 0.28 |
| Maximum | 0.55 |

| | |
|---|---|
| Mean | 0.329 |
| Median | 0.31 |
| SD | 0.0764 |
| SE of Mean | 0.0137 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24509 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 11 |
| Minimum | 0.31 |
| Maximum | 0.74 |
| Mean | 0.36 |
| Median | 0.31 |
| SD | 0.115 |
| SE of Mean | 0.0168 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24509 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 5 |
| Minimum | 0.31 |
| Maximum | 0.84 |
| Mean | 0.338 |
| Median | 0.31 |
| SD | 0.1 |
| SE of Mean | 0.0164 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24512 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 29 |
| Minimum | 0.28 |
| Maximum | 0.79 |
| Mean | 0.54 |
| Median | 0.54 |
| SD | 0.119 |
| SE of Mean | 0.0172 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0417 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.699 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24512 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.15 |
| Maximum | 0.15 |
| Mean | 0.15 |
| Median | 0.15 |
| SD | 5.63E-17 |
| SE of Mean | 9.383E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24512 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 8 |
| Minimum | 0.31 |
| Maximum | 0.83 |
| Mean | 0.396 |
| Median | 0.31 |
| SD | 0.131 |
| SE of Mean | 0.0247 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24512 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 14 |
| Minimum | 0.31 |
| Maximum | 1.24 |
| Mean | 0.502 |
| Median | 0.31 |
| SD | 0.316 |
| SE of Mean | 0.0466 |
| Number of Exceedances | 10 |
| Sample Proportion of Exceedances | 0.217 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 7.555E-05

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24513 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 1.49 |
| Mean | 0.342 |
| Median | 0.31 |
| SD | 0.194 |
| SE of Mean | 0.0319 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.85

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24513 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 20 |
| Minimum | 0.31 |
| Maximum | 1.09 |
| Mean | 0.418 |
| Median | 0.31 |
| SD | 0.173 |
| SE of Mean | 0.0242 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0588 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.473

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Antimony(0-10) (24513 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 25 |
| Minimum | 0.31 |
| Maximum | 2.67 |
| Mean | 0.918 |
| Median | 0.625 |
| SD | 0.683 |
| SE of Mean | 0.125 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.433 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 6.526E-10

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Antimony(0-10) (24516 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.129E-16 |
| SE of Mean | 2.062E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24517 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 10 |
| Minimum | 0.19 |
| Maximum | 1.1 |
| Mean | 0.556 |
| Median | 0.53 |
| SD | 0.319 |
| SE of Mean | 0.0921 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.333 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.00224 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24518 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 19 |
| Minimum | 0.22 |
| Maximum | 0.58 |
| Mean | 0.285 |
| Median | 0.22 |
| SD | 0.0965 |
| SE of Mean | 0.0144 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24518 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 10 |
| Minimum | 0.19 |
| Maximum | 2.69 |
| Mean | 0.642 |
| Median | 0.31 |
| SD | 0.751 |
| SE of Mean | 0.116 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.19 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0009991 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24518 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 18 |
| Minimum | 0.31 |
| Maximum | 2.08 |
| Mean | 0.615 |
| Median | 0.375 |
| SD | 0.436 |
| SE of Mean | 0.0795 |
| Number of Exceedances | 9 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0.3 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.068E-05 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24519 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 0.88 |
| Mean | 0.335 |
| Median | 0.31 |
| SD | 0.104 |
| SE of Mean | 0.0175 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24519 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.129E-16 |
| SE of Mean | 2.062E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24522 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |

| | |
|---|---|
| Median | 0.31 |
| SD | 1.697E-16 |
| SE of Mean | 3.266E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24522 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 16 |
| Minimum | 0.28 |
| Maximum | 1.1 |
| Mean | 0.37 |
| Median | 0.31 |
| SD | 0.159 |
| SE of Mean | 0.0301 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24522 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 17 |
| Minimum | 0.31 |
| Maximum | 1 |
| Mean | 0.451 |
| Median | 0.325 |
| SD | 0.191 |
| SE of Mean | 0.0319 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.111 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.104 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24522 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |

| | |
|---|---|
| Number of Distinct Observations | 5 |
| Minimum | 0.31 |
| Maximum | 0.71 |
| Mean | 0.332 |
| Median | 0.31 |
| SD | 0.0806 |
| SE of Mean | 0.0136 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24523 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 24 |
| Minimum | 0.31 |
| Maximum | 1.25 |
| Mean | 0.537 |
| Median | 0.47 |
| SD | 0.266 |
| SE of Mean | 0.0396 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.2 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.000335 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24523 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 6 |
| Minimum | 0.31 |
| Maximum | 1.12 |
| Mean | 0.359 |
| Median | 0.31 |
| SD | 0.158 |
| SE of Mean | 0.026 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.558 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24523 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 17 |
| Number of Distinct Observations | 10 |
| Minimum | 0.31 |
| Maximum | 1.74 |
| Mean | 0.561 |
| Median | 0.4 |
| SD | 0.39 |
| SE of Mean | 0.0947 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.235 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0088 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24526 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24528 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 0.5 |
| Mean | 0.331 |
| Median | 0.31 |
| SD | 0.0506 |
| SE of Mean | 0.00909 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24528 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 1 |
| Minimum | 0.15 |
| Maximum | 0.15 |
| Mean | 0.15 |
| Median | 0.15 |
| SD | 8.436E-17 |
| SE of Mean | 1.351E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24529 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.64E-17 |
| SE of Mean | 9.97E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24529 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.31 |
| Mean | 0.203 |
| Median | 0.15 |
| SD | 0.077 |
| SE of Mean | 0.0157 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24529 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.84 |
| Mean | 0.33 |
| Median | 0.31 |
| SD | 0.104 |
| SE of Mean | 0.0204 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0385 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.736 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24532 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.274 |
| Median | 0.31 |
| SD | 0.0558 |
| SE of Mean | 0.0107 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24532 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 0.51 |
| Mean | 0.323 |
| Median | 0.31 |
| SD | 0.0442 |
| SE of Mean | 0.00964 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24532 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 1 |
| Minimum | 0.15 |
| Maximum | 0.15 |
| Mean | 0.15 |
| Median | 0.15 |
| SD | 5.676E-17 |
| SE of Mean | 1.184E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24532 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 8 |
| Minimum | 0.31 |
| Maximum | 2.09 |
| Mean | 0.531 |
| Median | 0.31 |
| SD | 0.495 |
| SE of Mean | 0.0919 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.172 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0136 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24533 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 2 |
| Minimum | 0.28 |
| Maximum | 0.57 |
| Mean | 0.292 |
| Median | 0.28 |

| | |
|---|---|
| SD | 0.058 |
| SE of Mean | 0.0116 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24533 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.13E-16 |
| SE of Mean | 2.098E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24533 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 4 |
| Minimum | 0.15 |
| Maximum | 0.86 |
| Mean | 0.301 |
| Median | 0.31 |
| SD | 0.119 |
| SE of Mean | 0.0165 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0385 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.741 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24602 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 19 |

| | |
|---|---|
| Minimum | 0.28 |
| Maximum | 1.31 |
| Mean | 0.559 |
| Median | 0.48 |
| SD | 0.303 |
| SE of Mean | 0.052 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.206 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00127 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24602 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.637E-17 |
| SE of Mean | 9.813E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24602 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 11 |
| Minimum | 0.31 |
| Maximum | 1.49 |
| Mean | 0.472 |
| Median | 0.31 |
| SD | 0.302 |
| SE of Mean | 0.0478 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.2 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0007115 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24602 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 2 |
| Minimum | 0.28 |
| Maximum | 0.31 |
| Mean | 0.289 |
| Median | 0.28 |
| SD | 0.0138 |
| SE of Mean | 0.00261 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24603 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.282 |
| Median | 0.31 |
| SD | 0.0516 |
| SE of Mean | 0.0101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24603 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 16 |
| Minimum | 0.31 |
| Maximum | 1.08 |
| Mean | 0.45 |
| Median | 0.31 |
| SD | 0.209 |
| SE of Mean | 0.0299 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.143 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.0106

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24603 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 6 |
| Minimum | 0.31 |
| Maximum | 0.85 |
| Mean | 0.368 |
| Median | 0.31 |
| SD | 0.14 |
| SE of Mean | 0.0255 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.785 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24603 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.287 |
| Median | 0.31 |
| SD | 0.0482 |
| SE of Mean | 0.00866 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24606 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 63 |
| Number of Distinct Observations | 20 |
| Minimum | 0.31 |
| Maximum | 1.47 |
| Mean | 0.445 |
| Median | 0.31 |
| SD | 0.239 |
| SE of Mean | 0.0301 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.143 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00399 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Antimony(0-10) (24607 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 8 |
| Minimum | 0.31 |
| Maximum | 1.16 |
| Mean | 0.423 |
| Median | 0.31 |
| SD | 0.252 |
| SE of Mean | 0.0453 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.129 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0671 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24608 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 17 |
| Minimum | 0.31 |
| Maximum | 1.03 |
| Mean | 0.47 |
| Median | 0.38 |
| SD | 0.216 |
| SE of Mean | 0.0355 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.162 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.00954 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Antimony(0-10) (24608 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 8 |
| Minimum | 0.28 |
| Maximum | 1.1 |
| Mean | 0.348 |
| Median | 0.31 |
| SD | 0.174 |
| SE of Mean | 0.0372 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0455 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.676 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24608 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 14 |
| Minimum | 0.15 |
| Maximum | 1.64 |
| Mean | 0.444 |
| Median | 0.31 |
| SD | 0.296 |
| SE of Mean | 0.0468 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.125 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.048 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24609 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 16 |
| Minimum | 0.31 |
| Maximum | 1.76 |
| Mean | 0.743 |
| Median | 0.435 |
| SD | 0.517 |
| SE of Mean | 0.0943 |
| Number of Exceedances | 12 |
| Sample Proportion of Exceedances | 0.4 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 9.04E-09 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24609 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |

| | |
|---|---|
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24609 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 20 |
| Minimum | 0.31 |
| Maximum | 0.94 |
| Mean | 0.438 |
| Median | 0.32 |
| SD | 0.188 |
| SE of Mean | 0.028 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.133 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0239 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24612 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 19 |
| Minimum | 0.22 |
| Maximum | 2.41 |
| Mean | 0.409 |
| Median | 0.22 |
| SD | 0.35 |
| SE of Mean | 0.049 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.098 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.11 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24612 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 19 |
| Minimum | 0.15 |

| | |
|---|---|
| Maximum | 1.13 |
| Mean | 0.378 |
| Median | 0.19 |
| SD | 0.309 |
| SE of Mean | 0.045 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.149 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00845 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24612 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 15 |
| Minimum | 0.15 |
| Maximum | 0.83 |
| Mean | 0.305 |
| Median | 0.15 |
| SD | 0.233 |
| SE of Mean | 0.0406 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0909 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.227 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24612 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 10 |
| Minimum | 0.31 |
| Maximum | 2.21 |
| Mean | 0.391 |
| Median | 0.31 |
| SD | 0.302 |
| SE of Mean | 0.0446 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0435 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.677 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24613 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.682E-16 |
| SE of Mean | 2.332E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24613 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 22 |
| Minimum | 0.22 |
| Maximum | 1.13 |
| Mean | 0.416 |
| Median | 0.34 |
| SD | 0.247 |
| SE of Mean | 0.0396 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.103 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.129

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24613 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 6 |
| Minimum | 0.31 |
| Maximum | 0.69 |
| Mean | 0.332 |
| Median | 0.31 |
| SD | 0.0719 |
| SE of Mean | 0.0101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24613 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 20 |
| Minimum | 0.31 |
| Maximum | 1.41 |
| Mean | 0.52 |
| Median | 0.49 |
| SD | 0.237 |
| SE of Mean | 0.0413 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.121 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0808 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24616 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 13 |
| Minimum | 0.31 |
| Maximum | 1.73 |
| Mean | 0.427 |
| Median | 0.31 |
| SD | 0.316 |
| SE of Mean | 0.0466 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.109 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0786 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24617 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24618 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.698E-16 |
| SE of Mean | 3.331E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24618 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.31 |
| Mean | 0.287 |
| Median | 0.31 |
| SD | 0.057 |
| SE of Mean | 0.0108 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24618 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.622E-17 |
| SE of Mean | 8.889E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24619 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 3 |
| Minimum | 0.31 |
| Maximum | 0.35 |
| Mean | 0.312 |
| Median | 0.31 |
| SD | 0.00833 |
| SE of Mean | 0.00157 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24619 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.626E-17 |
| SE of Mean | 9.126E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24619 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 8 |
| Minimum | 0.31 |
| Maximum | 2.86 |
| Mean | 0.416 |
| Median | 0.31 |
| SD | 0.432 |
| SE of Mean | 0.0731 |

| | |
|---|---|
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24622 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.121E-16 |
| SE of Mean | 1.54E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24622 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 14 |
| Minimum | 0.28 |
| Maximum | 0.56 |
| Mean | 0.339 |
| Median | 0.31 |
| SD | 0.0772 |
| SE of Mean | 0.0132 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24623 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |

| | |
|---|---|
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.64E-17 |
| SE of Mean | 9.97E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24623 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24627 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 16 |
| Minimum | 0.31 |
| Maximum | 3.23 |
| Mean | 0.708 |
| Median | 0.31 |
| SD | 0.789 |
| SE of Mean | 0.114 |
| Number of Exceedances | 11 |
| Sample Proportion of Exceedances | 0.229 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.967E-05 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24628 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 3 |
| Minimum | 0.28 |
| Maximum | 0.67 |
| Mean | 0.288 |
| Median | 0.28 |
| SD | 0.0542 |
| SE of Mean | 0.00751 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24628 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.142E-16 |
| SE of Mean | 2.693E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24629 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 16 |
| Minimum | 0.31 |
| Maximum | 1.95 |
| Mean | 0.526 |
| Median | 0.31 |
| SD | 0.386 |
| SE of Mean | 0.0618 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.205 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0005951 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24632 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 20 |
| Number of Distinct Observations | 16 |
| Minimum | 0.19 |
| Maximum | 1.97 |
| Mean | 0.733 |
| Median | 0.575 |
| SD | 0.51 |
| SE of Mean | 0.114 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.4 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 2.857E-06 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24633 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.15 |
| Maximum | 0.15 |
| Mean | 0.15 |
| Median | 0.15 |
| SD | 8.433E-17 |
| SE of Mean | 1.333E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24700 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 13 |
| Minimum | 0.31 |
| Maximum | 1.52 |
| Mean | 0.457 |
| Median | 0.31 |
| SD | 0.306 |
| SE of Mean | 0.0451 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.087 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.197 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**

P-Value > Alpha (0.05)

Antimony(0-10) (24700 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 56 |
| Number of Distinct Observations | 9 |
| Minimum | 0.31 |
| Maximum | 1.28 |
| Mean | 0.347 |
| Median | 0.31 |
| SD | 0.142 |
| SE of Mean | 0.019 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0179 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.943 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24702 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.122E-16 |
| SE of Mean | 1.655E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24702 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 0.56 |
| Mean | 0.325 |
| Median | 0.31 |
| SD | 0.0514 |
| SE of Mean | 0.00938 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24703 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 10 |
| Minimum | 0.22 |
| Maximum | 0.57 |
| Mean | 0.277 |
| Median | 0.235 |
| SD | 0.0809 |
| SE of Mean | 0.0135 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24703 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 6 |
| Minimum | 0.19 |
| Maximum | 0.63 |
| Mean | 0.311 |
| Median | 0.31 |
| SD | 0.0839 |
| SE of Mean | 0.0134 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24703 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 5 |
| Minimum | 0.31 |
| Maximum | 0.87 |
| Mean | 0.337 |
| Median | 0.31 |
| SD | 0.108 |
| SE of Mean | 0.0149 |
| Number of Exceedances | 2 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0.0377 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.75 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24706 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 17 |
| Minimum | 0.31 |
| Maximum | 1.13 |
| Mean | 0.453 |
| Median | 0.31 |
| SD | 0.243 |
| SE of Mean | 0.0371 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.163 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00515 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24706 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 3 |
| Minimum | 0.31 |
| Maximum | 0.73 |
| Mean | 0.328 |
| Median | 0.31 |
| SD | 0.0793 |
| SE of Mean | 0.0138 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24707 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |

| | |
|---|---|
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24708 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 2.27 |
| Mean | 0.387 |
| Median | 0.31 |
| SD | 0.334 |
| SE of Mean | 0.0549 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.558 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24709 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24709 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |

| | |
|---|---|
| Number of Distinct Observations | 4 |
| Minimum | 0.19 |
| Maximum | 0.35 |
| Mean | 0.287 |
| Median | 0.31 |
| SD | 0.0508 |
| SE of Mean | 0.00775 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24709 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.7 |
| Mean | 0.318 |
| Median | 0.31 |
| SD | 0.0541 |
| SE of Mean | 0.0075 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24710 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.123E-16 |
| SE of Mean | 1.713E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24712 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 1.3 |
| Mean | 0.364 |
| Median | 0.31 |
| SD | 0.194 |
| SE of Mean | 0.0342 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0313 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.806 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24712 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.61 |
| Mean | 0.321 |
| Median | 0.31 |
| SD | 0.0577 |
| SE of Mean | 0.0111 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24712 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 14 |
| Minimum | 0.31 |
| Maximum | 1.02 |
| Mean | 0.399 |
| Median | 0.31 |
| SD | 0.161 |
| SE of Mean | 0.024 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0667 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.392 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24713 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24713 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 4 |
| Minimum | 0.28 |
| Maximum | 0.75 |
| Mean | 0.306 |
| Median | 0.28 |
| SD | 0.1 |
| SE of Mean | 0.0171 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0294 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.825

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24713 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24715 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 12 |
| Minimum | 0.15 |
| Maximum | 1.4 |
| Mean | 0.448 |
| Median | 0.31 |
| SD | 0.342 |
| SE of Mean | 0.0562 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.135 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0359 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Antimony(0-10) (24716 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.129E-16 |
| SE of Mean | 2.062E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24716 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.746E-17 |
| SE of Mean | 1.484E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24717 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.626E-17 |
| SE of Mean | 9.126E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24718 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 65 |
| Number of Distinct Observations | 34 |
| Minimum | 0.31 |
| Maximum | 2.55 |
| Mean | 0.528 |
| Median | 0.39 |
| SD | 0.372 |
| SE of Mean | 0.0462 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.138 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00493 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24718 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.47 |
| Mean | 0.315 |
| Median | 0.31 |

| | |
|---|---|
| SD | 0.0279 |
| SE of Mean | 0.00485 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24719 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.637E-17 |
| SE of Mean | 9.813E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24719 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.131E-16 |
| SE of Mean | 2.137E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24719 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 13 |

| | |
|---|---|
| Minimum | 0.31 |
| Maximum | 1.65 |
| Mean | 0.422 |
| Median | 0.31 |
| SD | 0.268 |
| SE of Mean | 0.0399 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.111 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0729 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24722 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.28 |
| Maximum | 0.28 |
| Mean | 0.28 |
| Median | 0.28 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24722 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 9 |
| Minimum | 0.22 |
| Maximum | 0.39 |
| Mean | 0.243 |
| Median | 0.22 |
| SD | 0.0458 |
| SE of Mean | 0.00725 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24722 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.142E-16 |
| SE of Mean | 2.693E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24722 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 1 |
| Minimum | 0.28 |
| Maximum | 0.28 |
| Mean | 0.28 |
| Median | 0.28 |
| SD | 1.124E-16 |
| SE of Mean | 1.755E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24723 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.705E-16 |
| SE of Mean | 3.634E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24723 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24725 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.289 |
| Median | 0.31 |
| SD | 0.0459 |
| SE of Mean | 0.00776 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24726 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 30 |
| Minimum | 0.31 |
| Maximum | 2.66 |
| Mean | 0.713 |
| Median | 0.44 |
| SD | 0.599 |
| SE of Mean | 0.0856 |
| Number of Exceedances | 17 |
| Sample Proportion of Exceedances | 0.347 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1.059E-10

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Antimony(0-10) (24726 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24727 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 15 |
| Minimum | 0.28 |
| Maximum | 0.96 |
| Mean | 0.356 |
| Median | 0.28 |
| SD | 0.138 |
| SE of Mean | 0.0218 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.871 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24728 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.5 |
| Mean | 0.316 |
| Median | 0.31 |
| SD | 0.0331 |
| SE of Mean | 0.00576 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24728 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 9 |
| Minimum | 0.31 |
| Maximum | 0.96 |
| Mean | 0.395 |
| Median | 0.31 |
| SD | 0.187 |
| SE of Mean | 0.0337 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0968 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.201 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24729 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 4 |
| Minimum | 0.19 |
| Maximum | 0.34 |
| Mean | 0.291 |
| Median | 0.31 |
| SD | 0.0467 |
| SE of Mean | 0.0079 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24729 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |

| | |
|---|---|
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24729 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 16 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.733E-17 |
| SE of Mean | 1.433E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24732 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24732 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |

| | |
|---|---|
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24732 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 6 |
| Minimum | 0.22 |
| Maximum | 0.66 |
| Mean | 0.265 |
| Median | 0.22 |
| SD | 0.0859 |
| SE of Mean | 0.015 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24732 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 3 |
| Minimum | 0.31 |
| Maximum | 1.32 |
| Mean | 0.343 |
| Median | 0.31 |
| SD | 0.166 |
| SE of Mean | 0.0256 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0238 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.884 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24733 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.64E-17 |
| SE of Mean | 9.97E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24733 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.42 |
| Mean | 0.313 |
| Median | 0.31 |
| SD | 0.0178 |
| SE of Mean | 0.00289 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24733 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 3 |
| Minimum | 0.28 |
| Maximum | 0.41 |
| Mean | 0.289 |
| Median | 0.28 |
| SD | 0.023 |
| SE of Mean | 0.00364 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24735 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 11 |
| Minimum | 0.31 |
| Maximum | 1.66 |
| Mean | 0.513 |
| Median | 0.31 |
| SD | 0.37 |
| SE of Mean | 0.0617 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.194 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00181 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24736 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.682E-16 |
| SE of Mean | 2.332E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24736 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 9 |
| Minimum | 0.15 |
| Maximum | 1 |
| Mean | 0.378 |
| Median | 0.31 |
| SD | 0.223 |
| SE of Mean | 0.0341 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.116 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0623 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24737 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.32 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0.00189 |
| SE of Mean | 0.0003571 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24738 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.296 |
| Median | 0.31 |
| SD | 0.039 |
| SE of Mean | 0.00547 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24738 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 19 |
| Minimum | 0.22 |
| Maximum | 0.92 |
| Mean | 0.374 |
| Median | 0.34 |
| SD | 0.168 |
| SE of Mean | 0.0296 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0313 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.806 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24739 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 5 |
| Minimum | 0.31 |
| Maximum | 0.61 |
| Mean | 0.331 |
| Median | 0.31 |
| SD | 0.0669 |
| SE of Mean | 0.0105 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24739 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 13 |
| Minimum | 0.28 |
| Maximum | 0.98 |
| Mean | 0.382 |
| Median | 0.28 |
| SD | 0.195 |
| SE of Mean | 0.0297 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.093 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.167 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24739 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.618E-17 |
| SE of Mean | 8.669E-18 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24740 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 11 |
| Minimum | 0.31 |
| Maximum | 0.5 |
| Mean | 0.334 |
| Median | 0.31 |
| SD | 0.0497 |
| SE of Mean | 0.00621 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24741 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24743 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 1 |
| Minimum | 0.28 |
| Maximum | 0.28 |

| | |
|---|---|
| Mean | 0.28 |
| Median | 0.28 |
| SD | 1.124E-16 |
| SE of Mean | 1.734E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24744 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 11 |
| Minimum | 0.31 |
| Maximum | 1.74 |
| Mean | 0.445 |
| Median | 0.31 |
| SD | 0.303 |
| SE of Mean | 0.0606 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.08 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.358 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24748 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.701E-16 |
| SE of Mean | 3.472E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24749 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 27 |
| Minimum | 0.31 |
| Maximum | 1.63 |
| Mean | 0.745 |
| Median | 0.7 |
| SD | 0.372 |
| SE of Mean | 0.0567 |
| Number of Exceedances | 20 |
| Sample Proportion of Exceedances | 0.465 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 2.987E-15 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (24752 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.85 |
| Mean | 0.322 |
| Median | 0.31 |
| SD | 0.0805 |
| SE of Mean | 0.012 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0222 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.901 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24802 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 8 |
| Minimum | 0.31 |
| Maximum | 0.85 |
| Mean | 0.377 |
| Median | 0.31 |
| SD | 0.157 |
| SE of Mean | 0.0229 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0638 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.42 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24803 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 3 |
| Minimum | 0.31 |
| Maximum | 0.7 |
| Mean | 0.326 |
| Median | 0.31 |
| SD | 0.071 |
| SE of Mean | 0.0126 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24803 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.142E-16 |
| SE of Mean | 2.693E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24809 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.697E-16 |
| SE of Mean | 3.266E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Antimony(0-10) (24809 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (24812 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 20 |
| Minimum | 0.22 |
| Maximum | 1.21 |
| Mean | 0.516 |
| Median | 0.45 |
| SD | 0.273 |
| SE of Mean | 0.0508 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.172 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0136 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Antimony(0-10) (24813 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.746E-17 |
| SE of Mean | 1.484E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24815 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 20 |
| Minimum | 0.19 |
| Maximum | 2.49 |
| Mean | 0.913 |
| Median | 0.71 |
| SD | 0.673 |
| SE of Mean | 0.123 |
| Number of Exceedances | 14 |
| Sample Proportion of Exceedances | 0.467 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.137E-11 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (24818 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 8 |
| Minimum | 0.31 |
| Maximum | 0.93 |
| Mean | 0.373 |
| Median | 0.31 |
| SD | 0.155 |
| SE of Mean | 0.0266 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0588 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.512 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24819 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24822 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.34 |
| Mean | 0.311 |
| Median | 0.31 |
| SD | 0.00457 |
| SE of Mean | 0.0006977 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24823 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.624E-17 |
| SE of Mean | 9.005E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24825 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 98 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.303 |

| | |
|---|---|
| Median | 0.31 |
| SD | 0.0289 |
| SE of Mean | 0.00292 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24828 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.31 |
| Mean | 0.306 |
| Median | 0.31 |
| SD | 0.0267 |
| SE of Mean | 0.00444 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24829 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 8 |
| Minimum | 0.31 |
| Maximum | 0.68 |
| Mean | 0.345 |
| Median | 0.31 |
| SD | 0.0949 |
| SE of Mean | 0.0137 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24832 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |

| | |
|---|---|
| Number of Distinct Observations | 10 |
| Minimum | 0.31 |
| Maximum | 0.85 |
| Mean | 0.363 |
| Median | 0.31 |
| SD | 0.122 |
| SE of Mean | 0.0197 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0263 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.858 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24833 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.123E-16 |
| SE of Mean | 1.713E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24838 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 8 |
| Minimum | 0.19 |
| Maximum | 0.6 |
| Mean | 0.319 |
| Median | 0.31 |
| SD | 0.095 |
| SE of Mean | 0.018 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (24904 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 74 |
| Number of Distinct Observations | 18 |
| Minimum | 0.31 |
| Maximum | 1.19 |
| Mean | 0.392 |
| Median | 0.31 |
| SD | 0.188 |
| SE of Mean | 0.0219 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.0946 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0766 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (24912 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 5 |
| Minimum | 0.19 |
| Maximum | 0.45 |
| Mean | 0.298 |
| Median | 0.31 |
| SD | 0.0581 |
| SE of Mean | 0.00968 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (301 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.13E-16 |
| SE of Mean | 2.098E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (305 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 54 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.31 |
| Mean | 0.28 |
| Median | 0.31 |
| SD | 0.0627 |
| SE of Mean | 0.00854 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (311 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 71 |
| Number of Distinct Observations | 22 |
| Minimum | 0.15 |
| Maximum | 1.09 |
| Mean | 0.37 |
| Median | 0.31 |
| SD | 0.227 |
| SE of Mean | 0.027 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.0845 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.144 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (317 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.31 |
| Mean | 0.288 |
| Median | 0.31 |
| SD | 0.0557 |
| SE of Mean | 0.00731 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (321 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 11 |
| Minimum | 0.31 |
| Maximum | 1.78 |
| Mean | 0.456 |
| Median | 0.31 |
| SD | 0.315 |
| SE of Mean | 0.0498 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.15 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0139 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Antimony(0-10) (327 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 0.91 |
| Mean | 0.375 |
| Median | 0.31 |
| SD | 0.175 |
| SE of Mean | 0.0506 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0833 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.46 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (331 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.131E-16 |
| SE of Mean | 2.137E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (337 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 22 |
| Minimum | 0.22 |
| Maximum | 1.28 |
| Mean | 0.456 |
| Median | 0.395 |
| SD | 0.267 |
| SE of Mean | 0.0458 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0882 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.241 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (341 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.122E-16 |
| SE of Mean | 1.619E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (344 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 24 |
| Minimum | 0.15 |
| Maximum | 1.05 |
| Mean | 0.552 |
| Median | 0.56 |

| | |
|---|---|
| SD | 0.239 |
| SE of Mean | 0.0403 |
| Number of Exceedances | 10 |
| Sample Proportion of Exceedances | 0.286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 5.637E-06 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (345 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 93 |
| Number of Distinct Observations | 9 |
| Minimum | 0.19 |
| Maximum | 0.66 |
| Mean | 0.32 |
| Median | 0.31 |
| SD | 0.0756 |
| SE of Mean | 0.00784 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (347 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 9 |
| Minimum | 0.31 |
| Maximum | 0.84 |
| Mean | 0.398 |
| Median | 0.31 |
| SD | 0.167 |
| SE of Mean | 0.0294 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0625 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.48 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (348 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 10 |

| | |
|---|---|
| Minimum | 0.31 |
| Maximum | 0.75 |
| Mean | 0.343 |
| Median | 0.31 |
| SD | 0.0884 |
| SE of Mean | 0.0126 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0204 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.919 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (348 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 4 |
| Minimum | 0.31 |
| Maximum | 0.86 |
| Mean | 0.331 |
| Median | 0.31 |
| SD | 0.0927 |
| SE of Mean | 0.013 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0196 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.927 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (351 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.288 |
| Median | 0.31 |
| SD | 0.0476 |
| SE of Mean | 0.00841 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (352 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 10 |
| Minimum | 0.19 |
| Maximum | 1.08 |
| Mean | 0.348 |
| Median | 0.31 |
| SD | 0.169 |
| SE of Mean | 0.0299 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0313 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.806

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (353 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.64E-17 |
| SE of Mean | 9.97E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (354 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.624E-17 |
| SE of Mean | 9.005E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (357 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 14 |
| Minimum | 0.31 |
| Maximum | 1.24 |
| Mean | 0.423 |
| Median | 0.31 |
| SD | 0.23 |
| SE of Mean | 0.0363 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.125 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.048 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Antimony(0-10) (357 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.701E-16 |
| SE of Mean | 3.472E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (358 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.123E-16 |
| SE of Mean | 1.713E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (360 248th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 2 |
| Minimum | 0.31 |
| Maximum | 0.71 |
| Mean | 0.327 |
| Median | 0.31 |
| SD | 0.0808 |
| SE of Mean | 0.0117 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (361 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.279 |
| Median | 0.31 |
| SD | 0.0539 |
| SE of Mean | 0.0112 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (362 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.7E-16 |
| SE of Mean | 3.399E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (363 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.697E-16 |
| SE of Mean | 3.266E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (364 248th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.122E-16 |
| SE of Mean | 1.619E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (367 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 0 |

| | |
|---|---|
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (367 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 9 |
| Minimum | 0.28 |
| Maximum | 1.11 |
| Mean | 0.327 |
| Median | 0.31 |
| SD | 0.12 |
| SE of Mean | 0.0177 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0217 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.906 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (368 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 55 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.602E-17 |
| SE of Mean | 7.554E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (373 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |

| | |
|---|---|
| Maximum | 0.31 |
| Mean | 0.283 |
| Median | 0.31 |
| SD | 0.0604 |
| SE of Mean | 0.00931 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (374 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 120 |
| Number of Distinct Observations | 33 |
| Minimum | 0.31 |
| Maximum | 1.21 |
| Mean | 0.409 |
| Median | 0.31 |
| SD | 0.193 |
| SE of Mean | 0.0176 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.0667 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | 0.628 |
| Critical Value (0.05) | 1.645 |
| P-Value | 0.265 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**

**P-Value > Alpha (0.05)**

**Antimony(0-10) (374 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 8 |
| Minimum | 0.31 |
| Maximum | 1.05 |
| Mean | 0.394 |
| Median | 0.31 |
| SD | 0.19 |
| SE of Mean | 0.0366 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0741 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.394 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Antimony(0-10) (377 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 6 |
| Minimum | 0.31 |
| Maximum | 0.64 |
| Mean | 0.337 |
| Median | 0.31 |
| SD | 0.0763 |
| SE of Mean | 0.0135 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (377 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.637E-17 |
| SE of Mean | 9.813E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (378 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 17 |
| Minimum | 0.31 |
| Maximum | 0.82 |
| Mean | 0.458 |
| Median | 0.32 |
| SD | 0.186 |
| SE of Mean | 0.0291 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.195 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0008455 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Antimony(0-10) (383 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.64E-17 |
| SE of Mean | 9.97E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (402 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 5.64E-17 |
| SE of Mean | 9.97E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Antimony(0-10) (408 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.31 |
| Maximum | 0.31 |
| Mean | 0.31 |
| Median | 0.31 |
| SD | 1.701E-16 |
| SE of Mean | 3.472E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Antimony(0-10) (412 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 77 |
| Number of Distinct Observations | 2 |
| Minimum | 0.19 |
| Maximum | 0.31 |
| Mean | 0.298 |
| Median | 0.31 |
| SD | 0.0369 |
| SE of Mean | 0.0042 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24401 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 1.48 |
| Maximum | 29.2 |
| Mean | 5.81 |
| Median | 4.3 |
| SD | 5.019 |
| SE of Mean | 0.874 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0606 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.496 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24402 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 47 |
| Minimum | 4.13 |
| Maximum | 15.6 |
| Mean | 6.853 |
| Median | 6.445 |
| SD | 2.055 |
| SE of Mean | 0.297 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0208 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.915 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24402 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 127 |
| Number of Distinct Observations | 114 |
| Minimum | 0.83 |
| Maximum | 27.9 |
| Mean | 5.776 |
| Median | 4.61 |
| SD | 3.722 |
| SE of Mean | 0.33 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.063 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | 0.468 |
| Critical Value (0.05) | 1.645 |

| | |
|---|---|
| P-Value | 0.32 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

**Arsenic(0-10) (24402 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 34 |
| Minimum | 3.39 |
| Maximum | 25 |
| Mean | 7.062 |
| Median | 5.87 |
| SD | 4.168 |
| SE of Mean | 0.659 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.075 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.323 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24403 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 46 |
| Minimum | 4.03 |
| Maximum | 18.7 |
| Mean | 8.855 |
| Median | 7.83 |
| SD | 3.775 |
| SE of Mean | 0.557 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.174 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00185 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Arsenic(0-10) (24403 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 62 |
| Number of Distinct Observations | 59 |
| Minimum | 2.93 |
| Maximum | 13.9 |
| Mean | 6.752 |
| Median | 6.79 |
| SD | 2.135 |
| SE of Mean | 0.271 |
| Number of Exceedances | 1 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0.0161 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.958 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24405 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 25 |
| Minimum | 2.24 |
| Maximum | 26.9 |
| Mean | 6.44 |
| Median | 4.76 |
| SD | 5.274 |
| SE of Mean | 1.055 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.08 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.358 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24406 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 2.91 |
| Maximum | 12.7 |
| Mean | 6.279 |
| Median | 5.825 |
| SD | 2.28 |
| SE of Mean | 0.36 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.05 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.601 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24406 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 25 |
| Minimum | 2 |
| Maximum | 10.4 |
| Mean | 5.909 |

| | |
|---|---|
| Median | 5.445 |
| SD | 2.167 |
| SE of Mean | 0.409 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24406 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 23 |
| Minimum | 0.77 |
| Maximum | 5.78 |
| Mean | 3.9 |
| Median | 3.67 |
| SD | 1.228 |
| SE of Mean | 0.256 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24406 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 23 |
| Minimum | 3.2 |
| Maximum | 10 |
| Mean | 5.376 |
| Median | 5.055 |
| SD | 1.471 |
| SE of Mean | 0.288 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24409 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |

| | |
|---|---|
| Number of Distinct Observations | 24 |
| Minimum | 2.96 |
| Maximum | 13.8 |
| Mean | 5.923 |
| Median | 5.415 |
| SD | 2.386 |
| SE of Mean | 0.487 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0417 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.708 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24409 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 4.64 |
| Maximum | 16.3 |
| Mean | 6.988 |
| Median | 6.3 |
| SD | 2.347 |
| SE of Mean | 0.409 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0606 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.496 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24410 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 1.02 |
| Maximum | 5.69 |
| Mean | 3.109 |
| Median | 3.12 |
| SD | 1.207 |
| SE of Mean | 0.21 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24411 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 69 |
| Number of Distinct Observations | 66 |
| Minimum | 0.4 |
| Maximum | 18 |
| Mean | 4.882 |
| Median | 4.47 |
| SD | 2.718 |
| SE of Mean | 0.327 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0145 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.971

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24411 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 3.38 |
| Maximum | 43.6 |
| Mean | 8.601 |
| Median | 6.64 |
| SD | 6.763 |
| SE of Mean | 1.112 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.135 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.0359

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Arsenic(0-10) (24412 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 0.63 |
| Maximum | 14.9 |
| Mean | 4.62 |
| Median | 3.97 |
| SD | 2.756 |
| SE of Mean | 0.495 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0323 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.796

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24412 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 61 |
| Number of Distinct Observations | 58 |
| Minimum | 3.48 |
| Maximum | 21.1 |
| Mean | 7.17 |
| Median | 6.92 |
| SD | 2.538 |
| SE of Mean | 0.325 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0164 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.956 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24413 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 22 |
| Minimum | 1.14 |
| Maximum | 14.8 |
| Mean | 3.789 |
| Median | 3.055 |
| SD | 2.895 |
| SE of Mean | 0.591 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0417 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.708 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24413 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 2.84 |
| Maximum | 11.9 |
| Mean | 6.358 |
| Median | 6.3 |
| SD | 2.095 |
| SE of Mean | 0.396 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24416 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 49 |
| Minimum | 2.33 |
| Maximum | 21.2 |
| Mean | 6.198 |
| Median | 5.37 |
| SD | 3.497 |
| SE of Mean | 0.495 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.06 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.459 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24416 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 20 |
| Minimum | 2.82 |
| Maximum | 8.76 |
| Mean | 5.464 |
| Median | 5.76 |
| SD | 1.575 |
| SE of Mean | 0.344 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24416 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 1.28 |
| Maximum | 6.16 |
| Mean | 2.873 |
| Median | 2.52 |
| SD | 1.14 |
| SE of Mean | 0.198 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24416 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 1.31 |
| Maximum | 7.74 |
| Mean | 4.447 |
| Median | 4.215 |
| SD | 1.552 |
| SE of Mean | 0.239 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24417 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 8 |
| Number of Distinct Observations | 8 |
| Minimum | 6.44 |
| Maximum | 24.6 |
| Mean | 13.3 |
| Median | 11.13 |
| SD | 6.595 |
| SE of Mean | 2.332 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.5 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0003718 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Arsenic(0-10) (24417 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 44 |
| Minimum | 0.59 |
| Maximum | 11.1 |
| Mean | 2.88 |
| Median | 2.45 |

| | |
|---|---|
| SD | 1.803 |
| SE of Mean | 0.263 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24419 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 3.6 |
| Maximum | 19.9 |
| Mean | 6.686 |
| Median | 6.105 |
| SD | 3.037 |
| SE of Mean | 0.537 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0625 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.48 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24419 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 1.45 |
| Maximum | 8.57 |
| Mean | 5.529 |
| Median | 5.98 |
| SD | 1.727 |
| SE of Mean | 0.305 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24420 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |

| | |
|---|---|
| Minimum | 1.43 |
| Maximum | 9.05 |
| Mean | 4.037 |
| Median | 3.86 |
| SD | 1.61 |
| SE of Mean | 0.28 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24421 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 0.4 |
| Maximum | 12.2 |
| Mean | 3.251 |
| Median | 2.685 |
| SD | 2.314 |
| SE of Mean | 0.422 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.785 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24422 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 1.51 |
| Maximum | 9.62 |
| Mean | 5.006 |
| Median | 4.83 |
| SD | 1.994 |
| SE of Mean | 0.304 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24422 neptune ave)

One-Sample Proportion Test

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 3.34 |
| Maximum | 10.9 |
| Mean | 5.926 |
| Median | 6.15 |
| SD | 1.534 |
| SE of Mean | 0.256 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24422 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 4.04 |
| Maximum | 7.43 |
| Mean | 5.549 |
| Median | 5.49 |
| SD | 1.027 |
| SE of Mean | 0.191 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24423 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 13 |
| Minimum | 4.77 |
| Maximum | 28.3 |
| Mean | 10.36 |
| Median | 8.41 |
| SD | 6.172 |
| SE of Mean | 1.712 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.154 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.135

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24423 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 2.3 |
| Maximum | 10.3 |
| Mean | 4.989 |
| Median | 4.58 |
| SD | 1.682 |
| SE of Mean | 0.277 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24423 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 35 |
| Minimum | 1.77 |
| Maximum | 8.01 |
| Mean | 4.065 |
| Median | 3.76 |
| SD | 1.468 |
| SE of Mean | 0.232 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24426 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 2.29 |
| Maximum | 9.78 |
| Mean | 5.81 |
| Median | 5.89 |
| SD | 1.965 |
| SE of Mean | 0.401 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24426 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 3.18 |
| Maximum | 8.98 |
| Mean | 5.425 |
| Median | 5.14 |
| SD | 1.54 |
| SE of Mean | 0.281 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24426 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 1.5 |
| Maximum | 6.27 |
| Mean | 3.472 |
| Median | 2.905 |
| SD | 1.524 |
| SE of Mean | 0.278 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24426 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 48 |
| Minimum | 2.9 |
| Maximum | 13.8 |
| Mean | 6.437 |
| Median | 6.43 |
| SD | 1.791 |
| SE of Mean | 0.256 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0204 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.919 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24427 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 25 |
| Minimum | 2.78 |
| Maximum | 13.6 |
| Mean | 6.867 |
| Median | 6.78 |
| SD | 2.4 |
| SE of Mean | 0.48 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.04 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.723 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24427 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 37 |
| Minimum | 4.26 |
| Maximum | 11 |
| Mean | 6.771 |
| Median | 6.75 |
| SD | 1.455 |
| SE of Mean | 0.236 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24429 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 19 |
| Number of Distinct Observations | 19 |
| Minimum | 2.06 |
| Maximum | 10.7 |
| Mean | 4.909 |
| Median | 4.64 |
| SD | 2.308 |

| | |
|---|---|
| SE of Mean | 0.529 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24429 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 2.87 |
| Maximum | 7.39 |
| Mean | 4.284 |
| Median | 3.98 |
| SD | 1.12 |
| SE of Mean | 0.208 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24430 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 2.49 |
| Maximum | 9.26 |
| Mean | 5.081 |
| Median | 4.625 |
| SD | 1.669 |
| SE of Mean | 0.305 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24431 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 35 |
| Minimum | 3.21 |

| | |
|---|---|
| Maximum | 21.8 |
| Mean | 6.009 |
| Median | 5.22 |
| SD | 3.062 |
| SE of Mean | 0.518 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24432 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 67 |
| Number of Distinct Observations | 64 |
| Minimum | 0.92 |
| Maximum | 16.4 |
| Mean | 4.621 |
| Median | 3.92 |
| SD | 2.896 |
| SE of Mean | 0.354 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0299 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.854 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24433 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 2.34 |
| Maximum | 10.1 |
| Mean | 5.88 |
| Median | 5.62 |
| SD | 1.963 |
| SE of Mean | 0.378 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24436 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 31 |
| Minimum | 2.52 |
| Maximum | 6.59 |
| Mean | 4.398 |
| Median | 4.48 |
| SD | 1.222 |
| SE of Mean | 0.207 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24502 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 50 |
| Minimum | 2.22 |
| Maximum | 16.9 |
| Mean | 5.62 |
| Median | 5.11 |
| SD | 2.678 |
| SE of Mean | 0.375 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0196 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.927

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24502 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 55 |
| Minimum | 2.44 |
| Maximum | 7.68 |
| Mean | 4.322 |
| Median | 4.28 |
| SD | 0.934 |
| SE of Mean | 0.123 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24502 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 47 |
| Minimum | 0.26 |
| Maximum | 6.85 |
| Mean | 3.353 |
| Median | 3.435 |
| SD | 1.654 |
| SE of Mean | 0.239 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24502 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 44 |
| Number of Distinct Observations | 42 |
| Minimum | 1.73 |
| Maximum | 8.79 |
| Mean | 3.412 |
| Median | 2.935 |
| SD | 1.481 |
| SE of Mean | 0.223 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24503 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 3.34 |
| Maximum | 9.4 |
| Mean | 6.445 |
| Median | 6.63 |
| SD | 1.502 |
| SE of Mean | 0.279 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24503 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 60 |
| Number of Distinct Observations | 59 |
| Minimum | 2.15 |
| Maximum | 35.5 |
| Mean | 6.861 |
| Median | 5.76 |
| SD | 4.474 |
| SE of Mean | 0.578 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.0667 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.353 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24503 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 2.93 |
| Maximum | 10.1 |
| Mean | 5.854 |
| Median | 5.38 |
| SD | 1.761 |
| SE of Mean | 0.333 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24503 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 2.13 |
| Maximum | 11.3 |
| Mean | 4.389 |
| Median | 4.155 |
| SD | 1.71 |
| SE of Mean | 0.293 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24506 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 3.19 |
| Maximum | 28.8 |
| Mean | 8.536 |
| Median | 7.155 |
| SD | 4.692 |
| SE of Mean | 0.782 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.167 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00834 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Arsenic(0-10) (24507 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 5.39 |
| Maximum | 12.4 |
| Mean | 7.991 |
| Median | 7.56 |
| SD | 1.73 |
| SE of Mean | 0.288 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0278 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.842 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24508 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 3.45 |
| Maximum | 14.8 |
| Mean | 7.1 |
| Median | 6.35 |
| SD | 2.638 |
| SE of Mean | 0.417 |

| | |
|---|---|
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.05 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.601 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24508 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 1.15 |
| Maximum | 6.58 |
| Mean | 4.364 |
| Median | 4.685 |
| SD | 1.516 |
| SE of Mean | 0.309 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24508 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 2.31 |
| Maximum | 9.6 |
| Mean | 5.451 |
| Median | 4.87 |
| SD | 2.112 |
| SE of Mean | 0.338 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24509 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 1.46 |
| Maximum | 15.2 |

| | |
|---|---|
| Mean | 6.012 |
| Median | 5.58 |
| SD | 3.012 |
| SE of Mean | 0.541 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0645 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.463 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24509 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 43 |
| Minimum | 0.58 |
| Maximum | 12.1 |
| Mean | 3.083 |
| Median | 2.4 |
| SD | 2.236 |
| SE of Mean | 0.326 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0213 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.91 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24509 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 3.67 |
| Maximum | 14 |
| Mean | 7.355 |
| Median | 7.01 |
| SD | 2.587 |
| SE of Mean | 0.425 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.558 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24512 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 47 |
| Minimum | 1.73 |
| Maximum | 18.7 |
| Mean | 7.489 |
| Median | 7.415 |
| SD | 3.464 |
| SE of Mean | 0.5 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.104 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0907 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24512 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 2.43 |
| Maximum | 14.8 |
| Mean | 6.512 |
| Median | 5.165 |
| SD | 3.288 |
| SE of Mean | 0.548 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0556 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.543 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24512 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 0.89 |
| Maximum | 6.15 |
| Mean | 3.216 |
| Median | 3.495 |
| SD | 1.446 |
| SE of Mean | 0.273 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24512 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 44 |
| Minimum | 2.42 |
| Maximum | 20 |
| Mean | 6.507 |
| Median | 5.565 |
| SD | 3.292 |
| SE of Mean | 0.485 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0435 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.677 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24513 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 2.25 |
| Maximum | 14.4 |
| Mean | 6.352 |
| Median | 5.89 |
| SD | 2.755 |
| SE of Mean | 0.453 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24513 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 50 |
| Minimum | 1.75 |
| Maximum | 37.9 |
| Mean | 6.332 |
| Median | 5.35 |
| SD | 5.189 |
| SE of Mean | 0.727 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0392 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.731 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Arsenic(0-10) (24513 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 2.18 |
| Maximum | 12.8 |
| Mean | 6.624 |
| Median | 5.99 |
| SD | 2.904 |
| SE of Mean | 0.53 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0667 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.446 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24516 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 2.75 |
| Maximum | 17.8 |
| Mean | 8.083 |
| Median | 7.83 |
| SD | 3.55 |
| SE of Mean | 0.648 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.133 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0608 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24517 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 3.22 |
| Maximum | 7.9 |
| Mean | 5.684 |
| Median | 5.38 |
| SD | 1.327 |
| SE of Mean | 0.383 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24518 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 40 |
| Minimum | 1.68 |
| Maximum | 17.3 |
| Mean | 5.724 |
| Median | 4.86 |
| SD | 3.56 |
| SE of Mean | 0.531 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0444 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.665 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24518 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 1.58 |
| Maximum | 6.81 |
| Mean | 4.039 |
| Median | 3.985 |
| SD | 1.307 |
| SE of Mean | 0.202 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24518 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 2.33 |
| Maximum | 26.8 |
| Mean | 8.007 |
| Median | 6.375 |
| SD | 5.358 |
| SE of Mean | 0.978 |
| Number of Exceedances | 4 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0.133 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0608 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24519 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 2.28 |
| Maximum | 11.3 |
| Mean | 6.415 |
| Median | 6.08 |
| SD | 2.676 |
| SE of Mean | 0.452 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24519 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 1.56 |
| Maximum | 9.25 |
| Mean | 3.618 |
| Median | 2.76 |
| SD | 2.024 |
| SE of Mean | 0.37 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24522 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 1.3 |
| Maximum | 19 |
| Mean | 8.431 |

| | |
|---|---|
| Median | 7.49 |
| SD | 4.88 |
| SE of Mean | 0.939 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.296 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 3.674E-05 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Arsenic(0-10) (24522 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 2.14 |
| Maximum | 19.8 |
| Mean | 7.041 |
| Median | 5.58 |
| SD | 4.163 |
| SE of Mean | 0.787 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0714 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.412 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24522 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 1.53 |
| Maximum | 8.92 |
| Mean | 3.965 |
| Median | 3.48 |
| SD | 1.571 |
| SE of Mean | 0.262 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24522 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |

| | |
|---|---|
| Number of Distinct Observations | 34 |
| Minimum | 0.87 |
| Maximum | 13.7 |
| Mean | 3.357 |
| Median | 2.61 |
| SD | 2.492 |
| SE of Mean | 0.421 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24523 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 42 |
| Minimum | 1.55 |
| Maximum | 12 |
| Mean | 5.737 |
| Median | 5.54 |
| SD | 1.852 |
| SE of Mean | 0.276 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24523 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 2.25 |
| Maximum | 21.9 |
| Mean | 7.933 |
| Median | 6.75 |
| SD | 4.395 |
| SE of Mean | 0.723 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.108 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.112 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24523 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 17 |
| Number of Distinct Observations | 17 |
| Minimum | 3.05 |
| Maximum | 9.48 |
| Mean | 5.483 |
| Median | 4.8 |
| SD | 1.969 |
| SE of Mean | 0.477 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24526 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 2.1 |
| Maximum | 26.2 |
| Mean | 6.266 |
| Median | 5.505 |
| SD | 4.272 |
| SE of Mean | 0.712 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0556 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.543

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24528 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 26 |
| Minimum | 0.41 |
| Maximum | 15.8 |
| Mean | 2.763 |
| Median | 1.94 |
| SD | 3.274 |
| SE of Mean | 0.588 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0645 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.463

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24528 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 37 |
| Minimum | 0.48 |
| Maximum | 5.8 |
| Mean | 2.23 |
| Median | 1.85 |
| SD | 1.096 |
| SE of Mean | 0.176 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24529 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 2.4 |
| Maximum | 11.3 |
| Mean | 5.307 |
| Median | 4.62 |
| SD | 2.205 |
| SE of Mean | 0.39 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24529 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 2.45 |
| Maximum | 6.01 |
| Mean | 4.152 |
| Median | 3.93 |
| SD | 1.029 |
| SE of Mean | 0.21 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24529 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 25 |
| Minimum | 2.83 |
| Maximum | 9.29 |
| Mean | 5.206 |
| Median | 4.715 |
| SD | 1.998 |
| SE of Mean | 0.392 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24532 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 2.19 |
| Maximum | 16.1 |
| Mean | 5.303 |
| Median | 4.64 |
| SD | 2.898 |
| SE of Mean | 0.558 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0741 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.394 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24532 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 21 |
| Minimum | 1.15 |
| Maximum | 7.66 |
| Mean | 3.564 |
| Median | 3.01 |
| SD | 1.706 |
| SE of Mean | 0.372 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24532 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 23 |
| Minimum | 2.36 |
| Maximum | 11.2 |
| Mean | 5.058 |
| Median | 4.19 |
| SD | 2.432 |
| SE of Mean | 0.507 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24532 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 1.75 |
| Maximum | 6.51 |
| Mean | 3.859 |
| Median | 3.5 |
| SD | 1.256 |
| SE of Mean | 0.233 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24533 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 25 |
| Minimum | 4.15 |
| Maximum | 11 |
| Mean | 7.285 |
| Median | 7.11 |

| | |
|---|---|
| SD | 1.649 |
| SE of Mean | 0.33 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24533 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 3.15 |
| Maximum | 8.4 |
| Mean | 5.364 |
| Median | 5.17 |
| SD | 1.414 |
| SE of Mean | 0.263 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24533 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 47 |
| Minimum | 0.53 |
| Maximum | 4.57 |
| Mean | 2.81 |
| Median | 2.915 |
| SD | 0.895 |
| SE of Mean | 0.124 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24602 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |

| | |
|---|---|
| Minimum | 0.46 |
| Maximum | 16 |
| Mean | 4.176 |
| Median | 3.245 |
| SD | 3.493 |
| SE of Mean | 0.599 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0588 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.512 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24602 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 0.92 |
| Maximum | 3.86 |
| Mean | 2.119 |
| Median | 1.91 |
| SD | 0.93 |
| SE of Mean | 0.162 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24602 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 1.24 |
| Maximum | 15 |
| Mean | 4.093 |
| Median | 2.98 |
| SD | 3.277 |
| SE of Mean | 0.518 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.05 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.601 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24602 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 3.2 |
| Maximum | 9.3 |
| Mean | 5.453 |
| Median | 5.16 |
| SD | 1.714 |
| SE of Mean | 0.324 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24603 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 24 |
| Minimum | 2.87 |
| Maximum | 12.3 |
| Mean | 6.214 |
| Median | 5.59 |
| SD | 2.396 |
| SE of Mean | 0.47 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0385 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.736

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24603 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 48 |
| Minimum | 0.53 |
| Maximum | 8.62 |
| Mean | 3.412 |
| Median | 2.93 |
| SD | 2.397 |
| SE of Mean | 0.342 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24603 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 2.36 |
| Maximum | 8.04 |
| Mean | 4.837 |
| Median | 4.795 |
| SD | 1.297 |
| SE of Mean | 0.237 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24603 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 2.17 |
| Maximum | 6.02 |
| Mean | 3.779 |
| Median | 3.68 |
| SD | 0.961 |
| SE of Mean | 0.173 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24606 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 63 |
| Number of Distinct Observations | 61 |
| Minimum | 1.92 |
| Maximum | 11 |
| Mean | 5.461 |
| Median | 5.36 |
| SD | 2.071 |
| SE of Mean | 0.261 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24607 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 0.58 |
| Maximum | 21.1 |
| Mean | 5.345 |
| Median | 4.75 |
| SD | 3.418 |
| SE of Mean | 0.614 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0323 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.796 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24608 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 1.94 |
| Maximum | 6.98 |
| Mean | 4.384 |
| Median | 4.53 |
| SD | 1.282 |
| SE of Mean | 0.211 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24608 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 22 |
| Minimum | 2.11 |
| Maximum | 11.2 |
| Mean | 4.583 |
| Median | 4.625 |
| SD | 1.888 |
| SE of Mean | 0.403 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24608 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 1.58 |
| Maximum | 14.7 |
| Mean | 4.017 |
| Median | 3.605 |
| SD | 2.122 |
| SE of Mean | 0.336 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.871 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24609 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 1.81 |
| Maximum | 15.5 |
| Mean | 6.724 |
| Median | 6.255 |
| SD | 3.61 |
| SE of Mean | 0.659 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.133 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0608 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24609 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 0.4 |
| Maximum | 14.3 |
| Mean | 4.95 |
| Median | 4.215 |
| SD | 2.871 |

| | |
|---|---|
| SE of Mean | 0.492 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0294 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.825 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24609 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 42 |
| Minimum | 1.42 |
| Maximum | 5.51 |
| Mean | 2.86 |
| Median | 2.55 |
| SD | 1.053 |
| SE of Mean | 0.157 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24612 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 50 |
| Minimum | 2.1 |
| Maximum | 14.8 |
| Mean | 5.258 |
| Median | 4.71 |
| SD | 2.51 |
| SE of Mean | 0.351 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0392 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.731 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24612 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 44 |
| Minimum | 2.04 |

| | |
|---|---|
| Maximum | 9.42 |
| Mean | 4.786 |
| Median | 4.5 |
| SD | 1.522 |
| SE of Mean | 0.222 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24612 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 1.78 |
| Maximum | 10.2 |
| Mean | 4.025 |
| Median | 3.09 |
| SD | 2.359 |
| SE of Mean | 0.411 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24612 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 45 |
| Minimum | 2.24 |
| Maximum | 15.6 |
| Mean | 6.023 |
| Median | 4.73 |
| SD | 3.096 |
| SE of Mean | 0.457 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0652 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.406 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24613 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 51 |
| Minimum | 3.22 |
| Maximum | 35.4 |
| Mean | 9.803 |
| Median | 7.77 |
| SD | 6.246 |
| SE of Mean | 0.866 |
| Number of Exceedances | 11 |
| Sample Proportion of Exceedances | 0.212 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 4.371E-05

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Arsenic(0-10) (24613 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 2.41 |
| Maximum | 15.2 |
| Mean | 6.901 |
| Median | 5.89 |
| SD | 3.532 |
| SE of Mean | 0.566 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.128 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.0438

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Arsenic(0-10) (24613 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 47 |
| Minimum | 1.56 |
| Maximum | 14.8 |
| Mean | 5.509 |
| Median | 4.64 |
| SD | 2.607 |
| SE of Mean | 0.365 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0196 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.927

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24613 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 1.32 |
| Maximum | 8.26 |
| Mean | 3.705 |
| Median | 3.57 |
| SD | 1.639 |
| SE of Mean | 0.285 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24616 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 44 |
| Minimum | 2.24 |
| Maximum | 32.2 |
| Mean | 6.947 |
| Median | 5.035 |
| SD | 6.089 |
| SE of Mean | 0.898 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.109 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0786 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24617 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 2.69 |
| Maximum | 17.2 |
| Mean | 8.529 |
| Median | 7.72 |
| SD | 3.333 |
| SE of Mean | 0.572 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.176 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00627 |

**Conclusion with Alpha = 0.05**

Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Arsenic(0-10) (24618 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 24 |
| Minimum | 2.69 |
| Maximum | 8.68 |
| Mean | 4.911 |
| Median | 4.61 |
| SD | 1.603 |
| SE of Mean | 0.314 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24618 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 1.58 |
| Maximum | 18.2 |
| Mean | 4.026 |
| Median | 3.115 |
| SD | 3.248 |
| SE of Mean | 0.614 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.762 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24618 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 1.81 |
| Maximum | 15.1 |
| Mean | 4.787 |
| Median | 4.22 |
| SD | 2.632 |
| SE of Mean | 0.416 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.871 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24619 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 3.58 |
| Maximum | 14.2 |
| Mean | 7.708 |
| Median | 7.19 |
| SD | 3.327 |
| SE of Mean | 0.629 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.107 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.163 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24619 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 38 |
| Minimum | 1.19 |
| Maximum | 15 |
| Mean | 3.919 |
| Median | 3.375 |
| SD | 2.547 |
| SE of Mean | 0.413 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0263 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.858 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24619 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 35 |
| Minimum | 1.55 |
| Maximum | 8.63 |
| Mean | 3.517 |
| Median | 3.15 |
| SD | 1.565 |
| SE of Mean | 0.264 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24622 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 49 |
| Minimum | 0.54 |
| Maximum | 28.4 |
| Mean | 7.661 |
| Median | 6.29 |
| SD | 4.927 |
| SE of Mean | 0.677 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.113 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0482 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Arsenic(0-10) (24622 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 2.41 |
| Maximum | 13.2 |
| Mean | 4.764 |
| Median | 4.02 |
| SD | 2.539 |
| SE of Mean | 0.435 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0294 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.825 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24623 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 3.01 |
| Maximum | 25.8 |

| | |
|---|---|
| Mean | 7.075 |
| Median | 5.66 |
| SD | 4.632 |
| SE of Mean | 0.819 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0938 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.214 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24623 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 4.28 |
| Maximum | 16 |
| Mean | 8.68 |
| Median | 8.065 |
| SD | 3.1 |
| SE of Mean | 0.517 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.194 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00181 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Arsenic(0-10) (24627 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 46 |
| Minimum | 2.02 |
| Maximum | 20.5 |
| Mean | 6.605 |
| Median | 5.475 |
| SD | 3.511 |
| SE of Mean | 0.507 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.0833 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.218 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24628 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 47 |
| Minimum | 2.4 |
| Maximum | 25.6 |
| Mean | 7.353 |
| Median | 5.94 |
| SD | 4.495 |
| SE of Mean | 0.623 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.154 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00409 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Arsenic(0-10) (24628 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 0.44 |
| Maximum | 5.85 |
| Mean | 2.093 |
| Median | 1.695 |
| SD | 1.397 |
| SE of Mean | 0.329 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24629 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 3.63 |
| Maximum | 13 |
| Mean | 7.941 |
| Median | 7.89 |
| SD | 2.53 |
| SE of Mean | 0.405 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0513 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.587 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24632 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 20 |
| Number of Distinct Observations | 20 |
| Minimum | 2.44 |
| Maximum | 11.2 |
| Mean | 5.376 |
| Median | 4.6 |
| SD | 2.338 |
| SE of Mean | 0.523 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24633 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 3.1 |
| Maximum | 27.7 |
| Mean | 7.584 |
| Median | 6.59 |
| SD | 4.379 |
| SE of Mean | 0.692 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.1 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.138

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24700 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 46 |
| Minimum | 1.86 |
| Maximum | 16.2 |
| Mean | 6.607 |
| Median | 6.35 |
| SD | 2.283 |
| SE of Mean | 0.337 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0217 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.906

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Arsenic(0-10) (24700 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 56 |
| Number of Distinct Observations | 53 |
| Minimum | 2.18 |
| Maximum | 11.7 |
| Mean | 5.102 |
| Median | 4.37 |
| SD | 2.32 |
| SE of Mean | 0.31 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24702 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 41 |
| Minimum | 0.84 |
| Maximum | 7.49 |
| Mean | 2.476 |
| Median | 1.905 |
| SD | 1.561 |
| SE of Mean | 0.23 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24702 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 2.32 |
| Maximum | 13.4 |
| Mean | 6.025 |
| Median | 5.475 |
| SD | 2.274 |
| SE of Mean | 0.415 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.785 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24703 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 2.33 |
| Maximum | 12.8 |
| Mean | 5.411 |
| Median | 4.645 |
| SD | 2.366 |
| SE of Mean | 0.394 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0278 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.842 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24703 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 38 |
| Minimum | 1.01 |
| Maximum | 10.9 |
| Mean | 4.553 |
| Median | 4.41 |
| SD | 2.938 |
| SE of Mean | 0.47 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24703 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 47 |
| Minimum | 0.88 |
| Maximum | 9.93 |
| Mean | 3.148 |
| Median | 2.36 |
| SD | 2.04 |
| SE of Mean | 0.28 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24706 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 42 |
| Minimum | 2.89 |
| Maximum | 11.5 |
| Mean | 5.653 |
| Median | 5.53 |
| SD | 1.92 |
| SE of Mean | 0.293 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24706 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 2.12 |
| Maximum | 13.6 |
| Mean | 4.941 |
| Median | 4.08 |
| SD | 2.667 |
| SE of Mean | 0.464 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24707 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 3.28 |
| Maximum | 11.2 |
| Mean | 6.092 |

| | |
|---|---|
| Median | 5.82 |
| SD | 1.737 |
| SE of Mean | 0.286 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24708 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 1.59 |
| Maximum | 12.1 |
| Mean | 5.194 |
| Median | 5.02 |
| SD | 2.585 |
| SE of Mean | 0.425 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24709 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 2.75 |
| Maximum | 16.8 |
| Mean | 6.665 |
| Median | 5.73 |
| SD | 2.951 |
| SE of Mean | 0.485 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.558 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24709 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |

| | |
|---|---|
| Number of Distinct Observations | 43 |
| Minimum | 1.49 |
| Maximum | 11.4 |
| Mean | 4.291 |
| Median | 3.73 |
| SD | 2.082 |
| SE of Mean | 0.318 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24709 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 49 |
| Minimum | 1.84 |
| Maximum | 11.5 |
| Mean | 4.351 |
| Median | 4.415 |
| SD | 1.455 |
| SE of Mean | 0.202 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24710 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 2.04 |
| Maximum | 9.01 |
| Mean | 5.072 |
| Median | 4.76 |
| SD | 1.734 |
| SE of Mean | 0.264 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24712 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 1.42 |
| Maximum | 11.5 |
| Mean | 4.733 |
| Median | 4.18 |
| SD | 2.226 |
| SE of Mean | 0.393 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24712 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 1.83 |
| Maximum | 7.33 |
| Mean | 4.734 |
| Median | 4.96 |
| SD | 1.343 |
| SE of Mean | 0.259 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24712 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 45 |
| Minimum | 2.23 |
| Maximum | 8.7 |
| Mean | 5.058 |
| Median | 4.71 |
| SD | 1.481 |
| SE of Mean | 0.221 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24713 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 3.37 |
| Maximum | 9.79 |
| Mean | 5.407 |
| Median | 5.09 |
| SD | 1.552 |
| SE of Mean | 0.255 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24713 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 2.3 |
| Maximum | 16.5 |
| Mean | 5.969 |
| Median | 5.3 |
| SD | 2.919 |
| SE of Mean | 0.501 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0588 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.512

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24713 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 1.31 |
| Maximum | 6.31 |
| Mean | 3.57 |
| Median | 3.54 |
| SD | 1.422 |
| SE of Mean | 0.24 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24715 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 2.78 |
| Maximum | 16.7 |
| Mean | 6.627 |
| Median | 6.37 |
| SD | 3.388 |
| SE of Mean | 0.557 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0811 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.282 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24716 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 4.3 |
| Maximum | 11.2 |
| Mean | 6.711 |
| Median | 6.475 |
| SD | 1.474 |
| SE of Mean | 0.269 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24716 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 2.04 |
| Maximum | 10.5 |
| Mean | 3.87 |
| Median | 3.18 |
| SD | 2.078 |
| SE of Mean | 0.537 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24717 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 38 |
| Minimum | 2.85 |
| Maximum | 10.7 |
| Mean | 4.93 |
| Median | 4.72 |
| SD | 1.582 |
| SE of Mean | 0.257 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24718 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 65 |
| Number of Distinct Observations | 61 |
| Minimum | 1.02 |
| Maximum | 7.88 |
| Mean | 3.262 |
| Median | 3.14 |
| SD | 1.725 |
| SE of Mean | 0.214 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24718 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 2.1 |
| Maximum | 11.7 |
| Mean | 4.978 |
| Median | 4.8 |

| | |
|---|---|
| SD | 1.86 |
| SE of Mean | 0.324 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24719 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 2.32 |
| Maximum | 8.64 |
| Mean | 5.502 |
| Median | 5.57 |
| SD | 1.642 |
| SE of Mean | 0.286 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24719 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 3.09 |
| Maximum | 13.6 |
| Mean | 5.558 |
| Median | 5.015 |
| SD | 2.122 |
| SE of Mean | 0.401 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24719 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 44 |

| | |
|---|---|
| Minimum | 1.35 |
| Maximum | 9.28 |
| Mean | 3.981 |
| Median | 4.03 |
| SD | 1.689 |
| SE of Mean | 0.252 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24722 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 2.4 |
| Maximum | 6.6 |
| Mean | 4.396 |
| Median | 4.365 |
| SD | 1.156 |
| SE of Mean | 0.198 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24722 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 1.06 |
| Maximum | 5.46 |
| Mean | 2.45 |
| Median | 2.305 |
| SD | 1.064 |
| SE of Mean | 0.168 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24722 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 2.36 |
| Maximum | 6.56 |
| Mean | 4.596 |
| Median | 4.715 |
| SD | 1.418 |
| SE of Mean | 0.334 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24722 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 24 |
| Minimum | 2 |
| Maximum | 8.6 |
| Mean | 3.505 |
| Median | 3.2 |
| SD | 1.303 |
| SE of Mean | 0.203 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24723 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 22 |
| Minimum | 1.52 |
| Maximum | 5.79 |
| Mean | 3.301 |
| Median | 3.48 |
| SD | 0.96 |
| SE of Mean | 0.205 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24723 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 0.4 |
| Maximum | 4.42 |
| Mean | 1.688 |
| Median | 1.56 |
| SD | 1.099 |
| SE of Mean | 0.181 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24725 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 2.07 |
| Maximum | 6.63 |
| Mean | 4.247 |
| Median | 4.01 |
| SD | 1.238 |
| SE of Mean | 0.209 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24726 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 45 |
| Minimum | 4.23 |
| Maximum | 11.4 |
| Mean | 6.76 |
| Median | 6.45 |
| SD | 1.458 |
| SE of Mean | 0.208 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24726 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 1.17 |
| Maximum | 5.68 |
| Mean | 2.992 |
| Median | 3.14 |
| SD | 1.318 |
| SE of Mean | 0.217 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24727 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 2.47 |
| Maximum | 8.17 |
| Mean | 4.635 |
| Median | 4.41 |
| SD | 1.34 |
| SE of Mean | 0.212 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24728 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 1.18 |
| Maximum | 4.76 |
| Mean | 2.651 |
| Median | 2.58 |
| SD | 1.121 |
| SE of Mean | 0.195 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24728 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 1.43 |
| Maximum | 10.8 |
| Mean | 3.956 |
| Median | 4.1 |
| SD | 1.965 |
| SE of Mean | 0.353 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24729 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 2.32 |
| Maximum | 6.3 |
| Mean | 4.015 |
| Median | 3.91 |
| SD | 1.147 |
| SE of Mean | 0.194 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24729 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 1.78 |
| Maximum | 8.85 |
| Mean | 3.853 |
| Median | 3.41 |
| SD | 1.735 |

| | |
|---|---|
| SE of Mean | 0.297 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24729 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 16 |
| Number of Distinct Observations | 16 |
| Minimum | 1.53 |
| Maximum | 6.51 |
| Mean | 3.469 |
| Median | 2.685 |
| SD | 1.692 |
| SE of Mean | 0.423 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24732 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 0.66 |
| Maximum | 9.03 |
| Mean | 5.213 |
| Median | 5.58 |
| SD | 1.704 |
| SE of Mean | 0.28 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24732 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 1.12 |

| | |
|---|---|
| Maximum | 4.68 |
| Mean | 2.626 |
| Median | 2.54 |
| SD | 1.095 |
| SE of Mean | 0.185 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24732 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 1.34 |
| Maximum | 6 |
| Mean | 3.621 |
| Median | 3.75 |
| SD | 1.338 |
| SE of Mean | 0.233 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24732 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 38 |
| Minimum | 0.4 |
| Maximum | 5.82 |
| Mean | 1.74 |
| Median | 1.655 |
| SD | 1.15 |
| SE of Mean | 0.177 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24733 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 2.76 |
| Maximum | 8.98 |
| Mean | 4.965 |
| Median | 4.775 |
| SD | 1.385 |
| SE of Mean | 0.245 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24733 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 36 |
| Minimum | 1.89 |
| Maximum | 6.64 |
| Mean | 4.099 |
| Median | 4.27 |
| SD | 1.529 |
| SE of Mean | 0.248 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24733 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 1.6 |
| Maximum | 5.06 |
| Mean | 3.026 |
| Median | 2.715 |
| SD | 1.015 |
| SE of Mean | 0.161 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24735 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 0.95 |
| Maximum | 4.92 |
| Mean | 2.568 |
| Median | 2.395 |
| SD | 1.137 |
| SE of Mean | 0.189 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24736 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 49 |
| Minimum | 1.33 |
| Maximum | 8.55 |
| Mean | 4.282 |
| Median | 4.18 |
| SD | 1.615 |
| SE of Mean | 0.224 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24736 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 38 |
| Minimum | 1.56 |
| Maximum | 5.62 |
| Mean | 3.491 |
| Median | 3.51 |
| SD | 0.938 |
| SE of Mean | 0.143 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24737 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 1.71 |
| Maximum | 6.3 |
| Mean | 3.663 |
| Median | 3.835 |
| SD | 1.267 |
| SE of Mean | 0.239 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24738 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 49 |
| Minimum | 1.52 |
| Maximum | 5.76 |
| Mean | 3.131 |
| Median | 2.97 |
| SD | 1.185 |
| SE of Mean | 0.166 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24738 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 0.84 |
| Maximum | 4.61 |
| Mean | 2.606 |
| Median | 2.545 |
| SD | 1.093 |
| SE of Mean | 0.193 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24739 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 38 |
| Minimum | 0.65 |
| Maximum | 7.14 |
| Mean | 2.64 |
| Median | 2.34 |
| SD | 1.551 |
| SE of Mean | 0.242 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24739 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 43 |
| Minimum | 0.93 |
| Maximum | 9.32 |
| Mean | 3.195 |
| Median | 3.01 |
| SD | 1.62 |
| SE of Mean | 0.247 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24739 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 39 |
| Minimum | 0.4 |
| Maximum | 4.09 |
| Mean | 1.604 |
| Median | 1.665 |
| SD | 0.889 |
| SE of Mean | 0.137 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24740 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 62 |
| Minimum | 2.07 |
| Maximum | 10.8 |
| Mean | 4.594 |
| Median | 4.51 |
| SD | 1.418 |
| SE of Mean | 0.177 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24741 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 2.77 |
| Maximum | 5.39 |
| Mean | 4.378 |
| Median | 4.42 |
| SD | 0.747 |
| SE of Mean | 0.216 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24743 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 36 |
| Minimum | 0.62 |
| Maximum | 4.3 |

| | |
|---|---|
| Mean | 2.217 |
| Median | 2.18 |
| SD | 1.092 |
| SE of Mean | 0.169 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24744 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 24 |
| Minimum | 1.71 |
| Maximum | 5.81 |
| Mean | 3.609 |
| Median | 3.43 |
| SD | 1.165 |
| SE of Mean | 0.233 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24748 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 3.31 |
| Maximum | 6.9 |
| Mean | 4.891 |
| Median | 4.77 |
| SD | 0.96 |
| SE of Mean | 0.196 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24749 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 1.52 |
| Maximum | 6.22 |
| Mean | 2.768 |
| Median | 2.77 |
| SD | 0.794 |
| SE of Mean | 0.121 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24752 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 40 |
| Minimum | 1.86 |
| Maximum | 5.5 |
| Mean | 3.376 |
| Median | 3.22 |
| SD | 0.746 |
| SE of Mean | 0.111 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24802 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 46 |
| Minimum | 1.26 |
| Maximum | 5.33 |
| Mean | 3.246 |
| Median | 3.22 |
| SD | 1.19 |
| SE of Mean | 0.174 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24803 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 1.17 |
| Maximum | 6.7 |
| Mean | 2.569 |
| Median | 2.26 |
| SD | 1.284 |
| SE of Mean | 0.227 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24803 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 1.48 |
| Maximum | 5.03 |
| Mean | 2.726 |
| Median | 2.67 |
| SD | 1.071 |
| SE of Mean | 0.252 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24809 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 25 |
| Minimum | 0.62 |
| Maximum | 3.01 |
| Mean | 1.403 |
| Median | 1.14 |
| SD | 0.693 |
| SE of Mean | 0.133 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Arsenic(0-10) (24809 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 1.47 |
| Maximum | 6.83 |
| Mean | 2.749 |
| Median | 2.41 |
| SD | 1.163 |
| SE of Mean | 0.194 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24812 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 27 |
| Minimum | 0.58 |
| Maximum | 3.54 |
| Mean | 2.047 |
| Median | 2.29 |
| SD | 0.926 |
| SE of Mean | 0.172 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (24813 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 14 |
| Minimum | 1.06 |
| Maximum | 4.47 |
| Mean | 2.732 |
| Median | 2.33 |
| SD | 1.123 |
| SE of Mean | 0.29 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24815 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 1.16 |
| Maximum | 5.2 |
| Mean | 2.604 |
| Median | 2.32 |
| SD | 1.094 |
| SE of Mean | 0.2 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24818 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 0.92 |
| Maximum | 4.33 |
| Mean | 2.487 |
| Median | 2.645 |
| SD | 1.022 |
| SE of Mean | 0.175 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24819 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 31 |
| Minimum | 2.63 |
| Maximum | 6.01 |
| Mean | 3.99 |
| Median | 3.945 |
| SD | 0.929 |
| SE of Mean | 0.159 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24822 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 1.72 |
| Maximum | 5.75 |
| Mean | 3.369 |
| Median | 3.54 |
| SD | 1.318 |
| SE of Mean | 0.201 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24823 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 37 |
| Minimum | 2.27 |
| Maximum | 5.9 |
| Mean | 3.832 |
| Median | 3.97 |
| SD | 0.866 |
| SE of Mean | 0.139 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24825 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 98 |
| Number of Distinct Observations | 85 |
| Minimum | 1.47 |
| Maximum | 6.45 |
| Mean | 3.425 |

| | |
|---|---|
| Median | 3.2 |
| SD | 1.139 |
| SE of Mean | 0.115 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24828 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 0.55 |
| Maximum | 3.77 |
| Mean | 1.877 |
| Median | 1.94 |
| SD | 0.91 |
| SE of Mean | 0.152 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24829 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 43 |
| Minimum | 0.89 |
| Maximum | 8.67 |
| Mean | 2.318 |
| Median | 2.215 |
| SD | 1.136 |
| SE of Mean | 0.164 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (24832 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |

| | |
|---|---|
| Number of Distinct Observations | 33 |
| Minimum | 0.4 |
| Maximum | 3.9 |
| Mean | 1.692 |
| Median | 1.495 |
| SD | 0.837 |
| SE of Mean | 0.136 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24833 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 0.58 |
| Maximum | 3.8 |
| Mean | 1.725 |
| Median | 1.69 |
| SD | 0.762 |
| SE of Mean | 0.116 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24838 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 1.54 |
| Maximum | 7.23 |
| Mean | 4.068 |
| Median | 4.17 |
| SD | 1.596 |
| SE of Mean | 0.302 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24904 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 74 |
| Number of Distinct Observations | 64 |
| Minimum | 1.54 |
| Maximum | 6.59 |
| Mean | 4.054 |
| Median | 4.115 |
| SD | 0.922 |
| SE of Mean | 0.107 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (24912 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 1.61 |
| Maximum | 6.07 |
| Mean | 3.427 |
| Median | 2.965 |
| SD | 1.315 |
| SE of Mean | 0.219 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (301 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 25 |
| Minimum | 0.4 |
| Maximum | 14 |
| Mean | 2.769 |
| Median | 1.79 |
| SD | 3.347 |
| SE of Mean | 0.621 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0345 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.774 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (305 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 54 |
| Number of Distinct Observations | 54 |
| Minimum | 1.91 |
| Maximum | 28.2 |
| Mean | 8.046 |
| Median | 6.97 |
| SD | 5.174 |
| SE of Mean | 0.704 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.167 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00134 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Arsenic(0-10) (311 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 71 |
| Number of Distinct Observations | 68 |
| Minimum | 0.75 |
| Maximum | 39.6 |
| Mean | 7.078 |
| Median | 6.82 |
| SD | 4.825 |
| SE of Mean | 0.573 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.0563 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.477 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (317 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 56 |
| Minimum | 0.89 |
| Maximum | 20.2 |
| Mean | 7.549 |
| Median | 7.59 |
| SD | 3.708 |
| SE of Mean | 0.487 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.069 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.33 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (321 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 3.44 |
| Maximum | 50.9 |
| Mean | 8.714 |
| Median | 6.715 |
| SD | 7.741 |
| SE of Mean | 1.224 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.15 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0139 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Arsenic(0-10) (327 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 2.32 |
| Maximum | 10.9 |
| Mean | 5.581 |
| Median | 5.31 |
| SD | 2.52 |
| SE of Mean | 0.728 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (331 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 1.95 |
| Maximum | 62.9 |
| Mean | 11.65 |
| Median | 7.05 |
| SD | 13.13 |
| SE of Mean | 2.481 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.214 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00227 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Arsenic(0-10) (337 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 2.59 |
| Maximum | 19.3 |
| Mean | 7.901 |
| Median | 6.67 |
| SD | 4.164 |
| SE of Mean | 0.714 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.147 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0259 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Arsenic(0-10) (341 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 46 |
| Minimum | 5.12 |
| Maximum | 19.3 |
| Mean | 8.239 |
| Median | 7.53 |
| SD | 2.563 |
| SE of Mean | 0.37 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.0833 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.218 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (344 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 1.13 |
| Maximum | 4.73 |
| Mean | 2.755 |
| Median | 2.57 |

| | |
|---|---|
| SD | 1.21 |
| SE of Mean | 0.204 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (345 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 93 |
| Number of Distinct Observations | 82 |
| Minimum | 1.01 |
| Maximum | 5.99 |
| Mean | 3.201 |
| Median | 3.04 |
| SD | 1.053 |
| SE of Mean | 0.109 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (347 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 4.48 |
| Maximum | 14.2 |
| Mean | 7.07 |
| Median | 6.795 |
| SD | 1.865 |
| SE of Mean | 0.33 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0313 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.806 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (348 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 47 |

| | |
|---|---|
| Minimum | 1.01 |
| Maximum | 5.58 |
| Mean | 2.644 |
| Median | 2.4 |
| SD | 1.21 |
| SE of Mean | 0.173 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (348 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 49 |
| Minimum | 0.4 |
| Maximum | 6.55 |
| Mean | 3.214 |
| Median | 3.12 |
| SD | 1.513 |
| SE of Mean | 0.212 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (351 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 3.03 |
| Maximum | 8.58 |
| Mean | 5.286 |
| Median | 5.25 |
| SD | 1.198 |
| SE of Mean | 0.212 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (352 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 1.28 |
| Maximum | 4.32 |
| Mean | 2.8 |
| Median | 2.865 |
| SD | 0.87 |
| SE of Mean | 0.154 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (353 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 29 |
| Minimum | 2.18 |
| Maximum | 11.1 |
| Mean | 5.098 |
| Median | 4.875 |
| SD | 1.909 |
| SE of Mean | 0.338 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (354 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 37 |
| Minimum | 1.72 |
| Maximum | 6.21 |
| Mean | 3.225 |
| Median | 2.86 |
| SD | 1.235 |
| SE of Mean | 0.198 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (357 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 3.86 |
| Maximum | 9.56 |
| Mean | 6.291 |
| Median | 6.425 |
| SD | 1.377 |
| SE of Mean | 0.218 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (357 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 2.05 |
| Maximum | 6.17 |
| Mean | 4.043 |
| Median | 4.03 |
| SD | 1.141 |
| SE of Mean | 0.233 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (358 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 42 |
| Minimum | 0.4 |
| Maximum | 4.93 |
| Mean | 2.196 |
| Median | 2.04 |
| SD | 1.155 |
| SE of Mean | 0.176 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (360 248th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 46 |
| Minimum | 2.77 |
| Maximum | 8.26 |
| Mean | 5.189 |
| Median | 5.08 |
| SD | 1.194 |
| SE of Mean | 0.172 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (361 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 23 |
| Minimum | 3.46 |
| Maximum | 9.84 |
| Mean | 5.449 |
| Median | 5.46 |
| SD | 1.57 |
| SE of Mean | 0.327 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (362 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 24 |
| Minimum | 1.16 |
| Maximum | 5.67 |
| Mean | 3.285 |
| Median | 3.09 |
| SD | 1.51 |
| SE of Mean | 0.302 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (363 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 0.53 |
| Maximum | 6.3 |
| Mean | 2.68 |
| Median | 2.15 |
| SD | 1.758 |
| SE of Mean | 0.338 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (364 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 42 |
| Minimum | 1.32 |
| Maximum | 4.86 |
| Mean | 2.497 |
| Median | 2.38 |
| SD | 0.766 |
| SE of Mean | 0.111 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (367 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 13 |
| Minimum | 1.34 |
| Maximum | 5.55 |
| Mean | 3.919 |
| Median | 4.08 |
| SD | 1.203 |

| | |
|---|---|
| SE of Mean | 0.334 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (367 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 45 |
| Minimum | 0.7 |
| Maximum | 5.96 |
| Mean | 3.295 |
| Median | 3.355 |
| SD | 1.331 |
| SE of Mean | 0.196 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (368 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 55 |
| Number of Distinct Observations | 51 |
| Minimum | 0.94 |
| Maximum | 7.22 |
| Mean | 2.244 |
| Median | 1.98 |
| SD | 1.092 |
| SE of Mean | 0.147 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (373 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 0.4 |

| | |
|---|---|
| Maximum | 5.06 |
| Mean | 2.152 |
| Median | 2.115 |
| SD | 0.956 |
| SE of Mean | 0.147 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (374 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 120 |
| Number of Distinct Observations | 109 |
| Minimum | 0.51 |
| Maximum | 7.46 |
| Mean | 2.911 |
| Median | 2.87 |
| SD | 1.423 |
| SE of Mean | 0.13 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.304 |
| Critical Value (0.05) | 1.645 |
| P-Value | 0.0106 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**

**P-Value < Alpha (0.05)**

**Arsenic(0-10) (374 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 25 |
| Minimum | 0.4 |
| Maximum | 3.38 |
| Mean | 1.237 |
| Median | 1 |
| SD | 0.835 |
| SE of Mean | 0.161 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Arsenic(0-10) (377 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 3.24 |
| Maximum | 11.6 |
| Mean | 5.502 |
| Median | 4.935 |
| SD | 2.019 |
| SE of Mean | 0.357 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (377 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 20 |
| Minimum | 0.4 |
| Maximum | 2.54 |
| Mean | 0.871 |
| Median | 0.65 |
| SD | 0.554 |
| SE of Mean | 0.0965 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (378 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 38 |
| Minimum | 0.42 |
| Maximum | 4.38 |
| Mean | 2.442 |
| Median | 2.32 |
| SD | 1.015 |
| SE of Mean | 0.159 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (383 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 29 |
| Minimum | 1.37 |
| Maximum | 6.86 |
| Mean | 2.618 |
| Median | 2.41 |
| SD | 0.994 |
| SE of Mean | 0.176 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (402 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 0.69 |
| Maximum | 3.6 |
| Mean | 2.271 |
| Median | 2.525 |
| SD | 0.906 |
| SE of Mean | 0.16 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Arsenic(0-10) (408 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 0.76 |
| Maximum | 6.7 |
| Mean | 2.871 |
| Median | 2.27 |
| SD | 1.673 |
| SE of Mean | 0.341 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Arsenic(0-10) (412 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 77 |
| Number of Distinct Observations | 71 |
| Minimum | 1.12 |
| Maximum | 11.5 |
| Mean | 4.346 |
| Median | 4.26 |
| SD | 2.039 |
| SE of Mean | 0.232 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24401 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00053 |
| Maximum | 0.0555 |
| Mean | 0.0124 |
| Median | 0.00838 |
| SD | 0.0148 |
| SE of Mean | 0.00258 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24402 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 48 |
| Minimum | 0.00268 |
| Maximum | 0.613 |
| Mean | 0.0459 |
| Median | 0.0188 |
| SD | 0.0962 |
| SE of Mean | 0.0139 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24402 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 127 |
| Number of Distinct Observations | 73 |
| Minimum | 0.00053 |
| Maximum | 0.584 |
| Mean | 0.0232 |
| Median | 0.00098 |
| SD | 0.0833 |
| SE of Mean | 0.00739 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.382 |
| Critical Value (0.05) | 1.645 |

| | |
|---|---|
| P-Value | 0.00861 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value < Alpha (0.05)

**BaP_TEQ(0-10) (24402 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 0.00053 |
| Maximum | 0.569 |
| Mean | 0.0614 |
| Median | 0.0245 |
| SD | 0.101 |
| SE of Mean | 0.016 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24403 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 45 |
| Minimum | 0.00162 |
| Maximum | 1.07 |
| Mean | 0.146 |
| Median | 0.0539 |
| SD | 0.223 |
| SE of Mean | 0.0329 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0217 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.906 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24403 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 62 |
| Minimum | 0.000537 |
| Maximum | 1.236 |
| Mean | 0.0933 |
| Median | 0.0218 |
| SD | 0.252 |
| SE of Mean | 0.0315 |
| Number of Exceedances | 3 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0.0469 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.627 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24405 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 22 |
| Minimum | 0.00053 |
| Maximum | 0.0337 |
| Mean | 0.00776 |
| Median | 0.00225 |
| SD | 0.00944 |
| SE of Mean | 0.00189 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24406 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 23 |
| Minimum | 0.00053 |
| Maximum | 0.415 |
| Mean | 0.0289 |
| Median | 0.00118 |
| SD | 0.088 |
| SE of Mean | 0.0139 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24406 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 0.00134 |
| Maximum | 0.342 |
| Mean | 0.0269 |

| | |
|---|---|
| Median | 0.0118 |
| SD | 0.0633 |
| SE of Mean | 0.012 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24406 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 22 |
| Minimum | 0.00053 |
| Maximum | 0.821 |
| Mean | 0.0908 |
| Median | 0.0233 |
| SD | 0.176 |
| SE of Mean | 0.0368 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24406 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 26 |
| Minimum | 0.00439 |
| Maximum | 0.0921 |
| Mean | 0.0361 |
| Median | 0.0339 |
| SD | 0.0264 |
| SE of Mean | 0.00518 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24409 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |

| | |
|---|---|
| Number of Distinct Observations | 24 |
| Minimum | 0.00402 |
| Maximum | 0.45 |
| Mean | 0.0787 |
| Median | 0.024 |
| SD | 0.112 |
| SE of Mean | 0.0229 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24409 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 0.000537 |
| Maximum | 0.17 |
| Mean | 0.0354 |
| Median | 0.0178 |
| SD | 0.0442 |
| SE of Mean | 0.00769 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24410 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 0.00053 |
| Maximum | 0.202 |
| Mean | 0.0367 |
| Median | 0.00466 |
| SD | 0.0528 |
| SE of Mean | 0.00919 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24411 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 69 |
| Number of Distinct Observations | 48 |
| Minimum | 0.00053 |
| Maximum | 1.251 |
| Mean | 0.0601 |
| Median | 0.00254 |
| SD | 0.201 |
| SE of Mean | 0.0243 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.029 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.866 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24411 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 35 |
| Minimum | 0.00053 |
| Maximum | 0.224 |
| Mean | 0.0474 |
| Median | 0.0289 |
| SD | 0.0576 |
| SE of Mean | 0.009 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24412 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 28 |
| Minimum | 0.00053 |
| Maximum | 0.208 |
| Mean | 0.0405 |
| Median | 0.0276 |
| SD | 0.0479 |
| SE of Mean | 0.00861 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24412 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 61 |
| Number of Distinct Observations | 61 |
| Minimum | 0.00053 |
| Maximum | 0.43 |
| Mean | 0.0575 |
| Median | 0.0237 |
| SD | 0.0901 |
| SE of Mean | 0.0115 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24413 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00141 |
| Maximum | 0.384 |
| Mean | 0.0701 |
| Median | 0.0194 |
| SD | 0.101 |
| SE of Mean | 0.0206 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24413 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 0.00103 |
| Maximum | 0.386 |
| Mean | 0.0415 |
| Median | 0.0222 |
| SD | 0.0724 |
| SE of Mean | 0.0137 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24416 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 47 |
| Minimum | 0.000781 |
| Maximum | 1.102 |
| Mean | 0.134 |
| Median | 0.0563 |
| SD | 0.212 |
| SE of Mean | 0.03 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.02 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.923 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24416 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 21 |
| Minimum | 0.00152 |
| Maximum | 0.162 |
| Mean | 0.028 |
| Median | 0.0129 |
| SD | 0.0382 |
| SE of Mean | 0.00833 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24416 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 0.00053 |
| Maximum | 0.197 |
| Mean | 0.031 |
| Median | 0.00409 |
| SD | 0.0568 |
| SE of Mean | 0.00989 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24416 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 42 |
| Minimum | 0.00218 |
| Maximum | 2.275 |
| Mean | 0.166 |
| Median | 0.0298 |
| SD | 0.432 |
| SE of Mean | 0.0667 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0714 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.351 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24417 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 8 |
| Number of Distinct Observations | 4 |
| Minimum | 0.00053 |
| Maximum | 0.0194 |
| Mean | 0.00469 |
| Median | 0.00053 |
| SD | 0.00734 |
| SE of Mean | 0.0026 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24417 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 43 |
| Minimum | 0.00053 |
| Maximum | 0.529 |
| Mean | 0.0602 |
| Median | 0.0256 |

| | |
|---|---|
| SD | 0.0975 |
| SE of Mean | 0.0142 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24419 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 0.00152 |
| Maximum | 0.448 |
| Mean | 0.0813 |
| Median | 0.0255 |
| SD | 0.115 |
| SE of Mean | 0.0204 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24419 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 0.00106 |
| Maximum | 0.176 |
| Mean | 0.0269 |
| Median | 0.0127 |
| SD | 0.0367 |
| SE of Mean | 0.00649 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24420 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |

| | |
|---|---|
| Minimum | 0.00053 |
| Maximum | 1.113 |
| Mean | 0.0684 |
| Median | 0.0085 |
| SD | 0.204 |
| SE of Mean | 0.0356 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24421 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 0.000549 |
| Maximum | 0.283 |
| Mean | 0.0786 |
| Median | 0.0347 |
| SD | 0.0861 |
| SE of Mean | 0.0157 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24422 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 43 |
| Minimum | 0.000606 |
| Maximum | 0.605 |
| Mean | 0.0888 |
| Median | 0.0318 |
| SD | 0.143 |
| SE of Mean | 0.0218 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24422 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 0.000992 |
| Maximum | 0.258 |
| Mean | 0.0327 |
| Median | 0.0165 |
| SD | 0.0502 |
| SE of Mean | 0.00837 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24422 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 0.00053 |
| Maximum | 1.019 |
| Mean | 0.089 |
| Median | 0.026 |
| SD | 0.195 |
| SE of Mean | 0.0362 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0345 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.774

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24423 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 9 |
| Minimum | 0.00053 |
| Maximum | 0.0199 |
| Mean | 0.00316 |
| Median | 0.000786 |
| SD | 0.00565 |
| SE of Mean | 0.00157 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24423 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 0.00098 |
| Maximum | 0.229 |
| Mean | 0.0463 |
| Median | 0.0129 |
| SD | 0.0666 |
| SE of Mean | 0.0109 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24423 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 0.00224 |
| Maximum | 0.995 |
| Mean | 0.0677 |
| Median | 0.0194 |
| SD | 0.167 |
| SE of Mean | 0.0265 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.871

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24426 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00186 |
| Maximum | 0.419 |
| Mean | 0.0996 |
| Median | 0.0486 |
| SD | 0.102 |
| SE of Mean | 0.0208 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24426 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 0.000605 |
| Maximum | 0.142 |
| Mean | 0.0186 |
| Median | 0.0114 |
| SD | 0.0264 |
| SE of Mean | 0.00483 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24426 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 23 |
| Minimum | 0.00053 |
| Maximum | 0.409 |
| Mean | 0.0208 |
| Median | 0.00264 |
| SD | 0.0753 |
| SE of Mean | 0.0138 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24426 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 49 |
| Minimum | 0.00316 |
| Maximum | 1.983 |
| Mean | 0.114 |
| Median | 0.0337 |
| SD | 0.296 |
| SE of Mean | 0.0423 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0204 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.919 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24427 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 17 |
| Minimum | 0.00053 |
| Maximum | 0.0946 |
| Mean | 0.00892 |
| Median | 0.000995 |
| SD | 0.0205 |
| SE of Mean | 0.0041 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24427 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 38 |
| Minimum | 0.00078 |
| Maximum | 0.821 |
| Mean | 0.0691 |
| Median | 0.0136 |
| SD | 0.148 |
| SE of Mean | 0.0241 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24429 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 19 |
| Number of Distinct Observations | 19 |
| Minimum | 0.0012 |
| Maximum | 0.211 |
| Mean | 0.0424 |
| Median | 0.0178 |
| SD | 0.0524 |

| | |
|---|---|
| SE of Mean | 0.012 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24429 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 0.00128 |
| Maximum | 0.188 |
| Mean | 0.0376 |
| Median | 0.0206 |
| SD | 0.0404 |
| SE of Mean | 0.00751 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24430 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00053 |
| Maximum | 0.139 |
| Mean | 0.0101 |
| Median | 0.00143 |
| SD | 0.0264 |
| SE of Mean | 0.00481 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24431 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 35 |
| Minimum | 0.000916 |

| | |
|---|---|
| Maximum | 0.154 |
| Mean | 0.0386 |
| Median | 0.0251 |
| SD | 0.0443 |
| SE of Mean | 0.00749 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24432 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 67 |
| Number of Distinct Observations | 65 |
| Minimum | 0.0004723 |
| Maximum | 0.5 |
| Mean | 0.0683 |
| Median | 0.0405 |
| SD | 0.0868 |
| SE of Mean | 0.0106 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24433 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 10 |
| Minimum | 0.00053 |
| Maximum | 0.0733 |
| Mean | 0.00567 |
| Median | 0.0016 |
| SD | 0.0147 |
| SE of Mean | 0.00283 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24436 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00053 |
| Maximum | 0.156 |
| Mean | 0.0109 |
| Median | 0.0017 |
| SD | 0.0288 |
| SE of Mean | 0.00487 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24502 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 51 |
| Minimum | 0.0004723 |
| Maximum | 0.221 |
| Mean | 0.0456 |
| Median | 0.0212 |
| SD | 0.056 |
| SE of Mean | 0.00784 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24502 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 57 |
| Minimum | 0.00053 |
| Maximum | 0.303 |
| Mean | 0.0343 |
| Median | 0.0155 |
| SD | 0.0598 |
| SE of Mean | 0.00786 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24502 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 14 |
| Minimum | 0.00053 |
| Maximum | 0.0124 |
| Mean | 0.00143 |
| Median | 0.00053 |
| SD | 0.0026 |
| SE of Mean | 0.0003749 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24502 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 44 |
| Number of Distinct Observations | 44 |
| Minimum | 0.00053 |
| Maximum | 0.489 |
| Mean | 0.0718 |
| Median | 0.027 |
| SD | 0.115 |
| SE of Mean | 0.0173 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24503 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 16 |
| Minimum | 0.00053 |
| Maximum | 0.0187 |
| Mean | 0.0027 |
| Median | 0.000541 |
| SD | 0.00408 |
| SE of Mean | 0.0007574 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24503 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 60 |
| Number of Distinct Observations | 60 |
| Minimum | 0.00269 |
| Maximum | 0.245 |
| Mean | 0.0561 |
| Median | 0.0317 |
| SD | 0.0622 |
| SE of Mean | 0.00803 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24503 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 0.00108 |
| Maximum | 0.347 |
| Mean | 0.053 |
| Median | 0.0103 |
| SD | 0.0854 |
| SE of Mean | 0.0161 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24503 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 0.00067 |
| Maximum | 0.676 |
| Mean | 0.0429 |
| Median | 0.0183 |
| SD | 0.114 |
| SE of Mean | 0.0196 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24506 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 0.00308 |
| Maximum | 0.593 |
| Mean | 0.097 |
| Median | 0.0245 |
| SD | 0.149 |
| SE of Mean | 0.0249 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24507 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 21 |
| Minimum | 0.00053 |
| Maximum | 0.222 |
| Mean | 0.0177 |
| Median | 0.0007095 |
| SD | 0.0432 |
| SE of Mean | 0.00721 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24508 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 0.00174 |
| Maximum | 1.09 |
| Mean | 0.0861 |
| Median | 0.035 |
| SD | 0.179 |
| SE of Mean | 0.0283 |

| | |
|---|---|
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.871 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24508 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 8 |
| Minimum | 0.00053 |
| Maximum | 0.00587 |
| Mean | 0.00107 |
| Median | 0.00053 |
| SD | 0.0013 |
| SE of Mean | 0.0002645 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24508 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 38 |
| Minimum | 0.000928 |
| Maximum | 0.884 |
| Mean | 0.124 |
| Median | 0.0286 |
| SD | 0.192 |
| SE of Mean | 0.0308 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24509 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 0.000575 |
| Maximum | 0.405 |

| | |
|---|---|
| Mean | 0.0609 |
| Median | 0.019 |
| SD | 0.095 |
| SE of Mean | 0.0171 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24509 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 45 |
| Minimum | 0.00271 |
| Maximum | 0.504 |
| Mean | 0.0647 |
| Median | 0.029 |
| SD | 0.0879 |
| SE of Mean | 0.0128 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24509 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 0.00327 |
| Maximum | 0.956 |
| Mean | 0.0891 |
| Median | 0.027 |
| SD | 0.174 |
| SE of Mean | 0.0286 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24512 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 53 |
| Minimum | 0.000615 |
| Maximum | 1.118 |
| Mean | 0.137 |
| Median | 0.0467 |
| SD | 0.21 |
| SE of Mean | 0.0288 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0189 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.934 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24512 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 0.00202 |
| Maximum | 0.207 |
| Mean | 0.0433 |
| Median | 0.019 |
| SD | 0.0512 |
| SE of Mean | 0.00854 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24512 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 0.00053 |
| Maximum | 0.0279 |
| Mean | 0.00465 |
| Median | 0.00176 |
| SD | 0.0074 |
| SE of Mean | 0.0014 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24512 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 46 |
| Minimum | 0.00137 |
| Maximum | 0.283 |
| Mean | 0.0376 |
| Median | 0.0151 |
| SD | 0.055 |
| SE of Mean | 0.00811 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24513 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 0.000675 |
| Maximum | 0.247 |
| Mean | 0.0351 |
| Median | 0.0183 |
| SD | 0.0466 |
| SE of Mean | 0.00766 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24513 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 49 |
| Minimum | 0.00054 |
| Maximum | 0.232 |
| Mean | 0.0648 |
| Median | 0.0344 |
| SD | 0.0659 |
| SE of Mean | 0.00922 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24513 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 0.000743 |
| Maximum | 0.223 |
| Mean | 0.0451 |
| Median | 0.0157 |
| SD | 0.0689 |
| SE of Mean | 0.0126 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24516 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 27 |
| Minimum | 0.00053 |
| Maximum | 0.409 |
| Mean | 0.0599 |
| Median | 0.0168 |
| SD | 0.101 |
| SE of Mean | 0.0184 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24517 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 0.00053 |
| Maximum | 0.335 |
| Mean | 0.0507 |
| Median | 0.00376 |
| SD | 0.103 |
| SE of Mean | 0.0298 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24518 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 45 |
| Minimum | 0.00251 |
| Maximum | 0.595 |
| Mean | 0.044 |
| Median | 0.0129 |
| SD | 0.0935 |
| SE of Mean | 0.0139 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24518 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 16 |
| Minimum | 0.00053 |
| Maximum | 0.248 |
| Mean | 0.0109 |
| Median | 0.00053 |
| SD | 0.0413 |
| SE of Mean | 0.00638 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24518 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 0.000916 |
| Maximum | 0.208 |
| Mean | 0.0322 |
| Median | 0.013 |
| SD | 0.0473 |
| SE of Mean | 0.00864 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24519 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 35 |
| Minimum | 0.000721 |
| Maximum | 0.111 |
| Mean | 0.0331 |
| Median | 0.0168 |
| SD | 0.0354 |
| SE of Mean | 0.00598 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24519 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 0.00078 |
| Maximum | 0.351 |
| Mean | 0.0337 |
| Median | 0.0147 |
| SD | 0.066 |
| SE of Mean | 0.012 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24522 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00053 |
| Maximum | 0.208 |
| Mean | 0.0299 |

| | |
|---|---|
| Median | 0.00913 |
| SD | 0.0518 |
| SE of Mean | 0.00997 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24522 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 0.00053 |
| Maximum | 0.402 |
| Mean | 0.0368 |
| Median | 0.0124 |
| SD | 0.0761 |
| SE of Mean | 0.0144 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24522 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 15 |
| Minimum | 0.00053 |
| Maximum | 0.015 |
| Mean | 0.00207 |
| Median | 0.00053 |
| SD | 0.00339 |
| SE of Mean | 0.0005643 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24522 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |

| | |
|---|---|
| Number of Distinct Observations | 31 |
| Minimum | 0.00053 |
| Maximum | 0.212 |
| Mean | 0.0338 |
| Median | 0.0174 |
| SD | 0.05 |
| SE of Mean | 0.00845 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24523 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 37 |
| Minimum | 0.00053 |
| Maximum | 0.785 |
| Mean | 0.0364 |
| Median | 0.00298 |
| SD | 0.142 |
| SE of Mean | 0.0212 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24523 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 0.00053 |
| Maximum | 0.507 |
| Mean | 0.0638 |
| Median | 0.0251 |
| SD | 0.0992 |
| SE of Mean | 0.0163 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24523 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 17 |
| Number of Distinct Observations | 17 |
| Minimum | 0.00459 |
| Maximum | 0.297 |
| Mean | 0.0761 |
| Median | 0.0522 |
| SD | 0.0722 |
| SE of Mean | 0.0175 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24526 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 27 |
| Minimum | 0.00053 |
| Maximum | 0.411 |
| Mean | 0.0822 |
| Median | 0.0137 |
| SD | 0.121 |
| SE of Mean | 0.0201 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24528 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00053 |
| Maximum | 0.0271 |
| Mean | 0.00539 |
| Median | 0.00268 |
| SD | 0.00719 |
| SE of Mean | 0.00129 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24528 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 35 |
| Minimum | 0.0004723 |
| Maximum | 0.44 |
| Mean | 0.0545 |
| Median | 0.0141 |
| SD | 0.0998 |
| SE of Mean | 0.016 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24529 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 0.00053 |
| Maximum | 2.2 |
| Mean | 0.107 |
| Median | 0.014 |
| SD | 0.388 |
| SE of Mean | 0.0686 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0313 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.806 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24529 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 12 |
| Minimum | 0.0004723 |
| Maximum | 0.0359 |
| Mean | 0.00244 |
| Median | 0.00053 |
| SD | 0.00719 |
| SE of Mean | 0.00147 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24529 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 23 |
| Minimum | 0.0005134 |
| Maximum | 0.292 |
| Mean | 0.0546 |
| Median | 0.0287 |
| SD | 0.0714 |
| SE of Mean | 0.014 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24532 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 0.0005134 |
| Maximum | 0.273 |
| Mean | 0.0688 |
| Median | 0.0174 |
| SD | 0.09 |
| SE of Mean | 0.0173 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24532 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 13 |
| Minimum | 0.00053 |
| Maximum | 0.0285 |
| Mean | 0.00556 |
| Median | 0.00289 |
| SD | 0.0066 |
| SE of Mean | 0.00144 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24532 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 23 |
| Minimum | 0.00192 |
| Maximum | 0.923 |
| Mean | 0.128 |
| Median | 0.0284 |
| SD | 0.225 |
| SE of Mean | 0.0468 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0435 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.693 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24532 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 9 |
| Minimum | 0.00053 |
| Maximum | 0.0269 |
| Mean | 0.00266 |
| Median | 0.00053 |
| SD | 0.00555 |
| SE of Mean | 0.00103 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24533 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 22 |
| Minimum | 0.00053 |
| Maximum | 0.063 |
| Mean | 0.0111 |
| Median | 0.00828 |

| | |
|---|---|
| SD | 0.0143 |
| SE of Mean | 0.00285 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24533 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 27 |
| Minimum | 0.00053 |
| Maximum | 0.356 |
| Mean | 0.0303 |
| Median | 0.00277 |
| SD | 0.0762 |
| SE of Mean | 0.0141 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24533 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 23 |
| Minimum | 0.0004723 |
| Maximum | 0.0988 |
| Mean | 0.00299 |
| Median | 0.00053 |
| SD | 0.0136 |
| SE of Mean | 0.00189 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24602 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |

| | |
|---|---|
| Minimum | 0.00053 |
| Maximum | 0.496 |
| Mean | 0.0396 |
| Median | 0.0145 |
| SD | 0.0872 |
| SE of Mean | 0.015 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24602 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 15 |
| Minimum | 0.00053 |
| Maximum | 0.0158 |
| Mean | 0.00235 |
| Median | 0.00053 |
| SD | 0.00346 |
| SE of Mean | 0.0006026 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24602 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 0.00053 |
| Maximum | 1.085 |
| Mean | 0.128 |
| Median | 0.0281 |
| SD | 0.243 |
| SE of Mean | 0.0385 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.871 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24602 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 11 |
| Minimum | 0.00053 |
| Maximum | 0.176 |
| Mean | 0.0116 |
| Median | 0.00053 |
| SD | 0.0365 |
| SE of Mean | 0.00689 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24603 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 23 |
| Minimum | 0.00053 |
| Maximum | 0.769 |
| Mean | 0.0448 |
| Median | 0.00684 |
| SD | 0.152 |
| SE of Mean | 0.0298 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24603 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 38 |
| Minimum | 0.00053 |
| Maximum | 0.109 |
| Mean | 0.019 |
| Median | 0.0062 |
| SD | 0.032 |
| SE of Mean | 0.00457 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24603 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 25 |
| Minimum | 0.00053 |
| Maximum | 0.863 |
| Mean | 0.0719 |
| Median | 0.00264 |
| SD | 0.21 |
| SE of Mean | 0.0384 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24603 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 8 |
| Minimum | 0.00053 |
| Maximum | 1.168 |
| Mean | 0.0389 |
| Median | 0.00053 |
| SD | 0.21 |
| SE of Mean | 0.0376 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0323 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.796

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24606 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 63 |
| Number of Distinct Observations | 45 |
| Minimum | 0.00053 |
| Maximum | 2.382 |
| Mean | 0.0912 |
| Median | 0.00319 |
| SD | 0.326 |
| SE of Mean | 0.041 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0159 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.961

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24607 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 23 |
| Minimum | 0.00053 |
| Maximum | 0.207 |
| Mean | 0.0107 |
| Median | 0.00117 |
| SD | 0.0371 |
| SE of Mean | 0.00666 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24608 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 22 |
| Minimum | 0.00053 |
| Maximum | 0.513 |
| Mean | 0.0576 |
| Median | 0.0118 |
| SD | 0.115 |
| SE of Mean | 0.0188 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24608 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 21 |
| Minimum | 0.00053 |
| Maximum | 1.799 |
| Mean | 0.268 |
| Median | 0.0687 |
| SD | 0.479 |
| SE of Mean | 0.102 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0909 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.302 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24608 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 31 |
| Minimum | 0.00053 |
| Maximum | 1.579 |
| Mean | 0.12 |
| Median | 0.0079 |
| SD | 0.314 |
| SE of Mean | 0.0496 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.05 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.601 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24609 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 0.00053 |
| Maximum | 1.449 |
| Mean | 0.191 |
| Median | 0.0208 |
| SD | 0.37 |
| SE of Mean | 0.0675 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0667 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.446 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24609 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 0.00053 |
| Maximum | 0.896 |
| Mean | 0.0873 |
| Median | 0.0166 |
| SD | 0.185 |

| | |
|---|---|
| SE of Mean | 0.0317 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24609 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 25 |
| Minimum | 0.00053 |
| Maximum | 0.0456 |
| Mean | 0.00452 |
| Median | 0.00088 |
| SD | 0.00952 |
| SE of Mean | 0.00142 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24612 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 38 |
| Minimum | 0.00053 |
| Maximum | 0.803 |
| Mean | 0.0875 |
| Median | 0.00486 |
| SD | 0.185 |
| SE of Mean | 0.026 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24612 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 45 |
| Minimum | 0.0004723 |

| | |
|---|---|
| Maximum | 1.972 |
| Mean | 0.316 |
| Median | 0.0675 |
| SD | 0.514 |
| SE of Mean | 0.0749 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.17 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00213 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**BaP_TEQ(0-10) (24612 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 0.0004723 |
| Maximum | 1.647 |
| Mean | 0.146 |
| Median | 0.0144 |
| SD | 0.348 |
| SE of Mean | 0.0606 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0606 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.496 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24612 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 38 |
| Minimum | 0.00053 |
| Maximum | 0.352 |
| Mean | 0.0582 |
| Median | 0.0159 |
| SD | 0.0873 |
| SE of Mean | 0.0129 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24613 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 26 |
| Minimum | 0.00053 |
| Maximum | 0.135 |
| Mean | 0.00557 |
| Median | 0.0005475 |
| SD | 0.0189 |
| SE of Mean | 0.00261 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24613 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 0.00208 |
| Maximum | 0.879 |
| Mean | 0.145 |
| Median | 0.0497 |
| SD | 0.225 |
| SE of Mean | 0.036 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24613 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 51 |
| Minimum | 0.000537 |
| Maximum | 6.181 |
| Mean | 0.262 |
| Median | 0.0435 |
| SD | 0.87 |
| SE of Mean | 0.122 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0196 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.927

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24613 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 21 |
| Minimum | 0.00053 |
| Maximum | 0.591 |
| Mean | 0.0384 |
| Median | 0.000762 |
| SD | 0.113 |
| SE of Mean | 0.0196 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24616 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 57 |
| Number of Distinct Observations | 56 |
| Minimum | 0.00053 |
| Maximum | 3.037 |
| Mean | 0.498 |
| Median | 0.0552 |
| SD | 0.747 |
| SE of Mean | 0.099 |
| Number of Exceedances | 12 |
| Sample Proportion of Exceedances | 0.211 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 2.091E-05

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**BaP_TEQ(0-10) (24617 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 11 |
| Minimum | 0.00053 |
| Maximum | 0.018 |
| Mean | 0.00136 |
| Median | 0.00053 |
| SD | 0.00311 |
| SE of Mean | 0.0005327 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24618 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 26 |
| Minimum | 0.00173 |
| Maximum | 0.571 |
| Mean | 0.09 |
| Median | 0.0197 |
| SD | 0.156 |
| SE of Mean | 0.0306 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24618 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 0.000605 |
| Maximum | 1.197 |
| Mean | 0.204 |
| Median | 0.0431 |
| SD | 0.308 |
| SE of Mean | 0.0582 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0714 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.412

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24618 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00053 |
| Maximum | 0.746 |
| Mean | 0.0235 |
| Median | 0.00126 |
| SD | 0.117 |
| SE of Mean | 0.0186 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24619 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 0.00233 |
| Maximum | 1.822 |
| Mean | 0.241 |
| Median | 0.0504 |
| SD | 0.425 |
| SE of Mean | 0.0804 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0714 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.412

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24619 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 38 |
| Minimum | 0.0023 |
| Maximum | 0.755 |
| Mean | 0.151 |
| Median | 0.0428 |
| SD | 0.2 |
| SE of Mean | 0.0325 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24619 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 22 |
| Minimum | 0.00053 |
| Maximum | 2.496 |
| Mean | 0.132 |
| Median | 0.00102 |
| SD | 0.467 |
| SE of Mean | 0.0789 |

| | |
|---|---|
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0571 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.528 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24622 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 52 |
| Minimum | 0.00053 |
| Maximum | 6.891 |
| Mean | 0.409 |
| Median | 0.0114 |
| SD | 1.082 |
| SE of Mean | 0.149 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.151 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00461 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**BaP_TEQ(0-10) (24622 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 0.00424 |
| Maximum | 3.304 |
| Mean | 0.206 |
| Median | 0.0327 |
| SD | 0.57 |
| SE of Mean | 0.0978 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0294 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.825 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24623 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 14 |
| Minimum | 0.00053 |
| Maximum | 0.106 |

| | |
|---|---|
| Mean | 0.00782 |
| Median | 0.00053 |
| SD | 0.0219 |
| SE of Mean | 0.00387 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24623 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 0.00852 |
| Maximum | 4.856 |
| Mean | 0.452 |
| Median | 0.0662 |
| SD | 1.002 |
| SE of Mean | 0.167 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.167 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00834 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**BaP_TEQ(0-10) (24627 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 34 |
| Minimum | 0.00053 |
| Maximum | 1.041 |
| Mean | 0.0738 |
| Median | 0.00236 |
| SD | 0.179 |
| SE of Mean | 0.0259 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0208 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.915 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24628 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 51 |
| Minimum | 0.00053 |
| Maximum | 0.712 |
| Mean | 0.0678 |
| Median | 0.00913 |
| SD | 0.148 |
| SE of Mean | 0.0205 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24628 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 0.0019 |
| Maximum | 0.342 |
| Mean | 0.0673 |
| Median | 0.03 |
| SD | 0.0941 |
| SE of Mean | 0.0222 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24629 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 0.00106 |
| Maximum | 0.914 |
| Mean | 0.132 |
| Median | 0.0418 |
| SD | 0.221 |
| SE of Mean | 0.0354 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0256 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.865 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24632 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 20 |
| Number of Distinct Observations | 20 |
| Minimum | 0.00312 |
| Maximum | 2.497 |
| Mean | 0.254 |
| Median | 0.0276 |
| SD | 0.591 |
| SE of Mean | 0.132 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.1 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.264 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24633 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 37 |
| Minimum | 0.0004723 |
| Maximum | 1.551 |
| Mean | 0.0454 |
| Median | 0.00152 |
| SD | 0.244 |
| SE of Mean | 0.0386 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.871 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24700 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 46 |
| Minimum | 0.00053 |
| Maximum | 1.099 |
| Mean | 0.0965 |
| Median | 0.032 |
| SD | 0.207 |
| SE of Mean | 0.0305 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0217 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.906 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24700 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 56 |
| Number of Distinct Observations | 40 |
| Minimum | 0.00053 |
| Maximum | 0.444 |
| Mean | 0.0272 |
| Median | 0.00283 |
| SD | 0.0772 |
| SE of Mean | 0.0103 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24702 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 46 |
| Minimum | 0.00258 |
| Maximum | 1.538 |
| Mean | 0.173 |
| Median | 0.0546 |
| SD | 0.31 |
| SE of Mean | 0.0458 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0652 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.406

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24702 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 0.00254 |
| Maximum | 5.003 |
| Mean | 0.452 |
| Median | 0.0898 |
| SD | 1.005 |
| SE of Mean | 0.184 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.133 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0608 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24703 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 23 |
| Minimum | 0.00053 |
| Maximum | 1.833 |
| Mean | 0.0574 |
| Median | 0.00187 |
| SD | 0.305 |
| SE of Mean | 0.0508 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0278 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.842 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24703 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 38 |
| Minimum | 0.0032 |
| Maximum | 0.629 |
| Mean | 0.104 |
| Median | 0.045 |
| SD | 0.145 |
| SE of Mean | 0.0233 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24703 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 50 |
| Minimum | 0.00053 |
| Maximum | 2.722 |
| Mean | 0.217 |
| Median | 0.0311 |
| SD | 0.482 |
| SE of Mean | 0.0662 |
| Number of Exceedances | 3 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0.0566 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.498 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24706 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 43 |
| Minimum | 0.00217 |
| Maximum | 1.428 |
| Mean | 0.189 |
| Median | 0.053 |
| SD | 0.32 |
| SE of Mean | 0.0489 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0465 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.64 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24706 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 0.00235 |
| Maximum | 0.888 |
| Mean | 0.103 |
| Median | 0.0229 |
| SD | 0.189 |
| SE of Mean | 0.0329 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24707 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 23 |
| Minimum | 0.00053 |
| Maximum | 0.0779 |
| Mean | 0.00757 |

| | |
|---|---|
| Median | 0.00118 |
| SD | 0.0154 |
| SE of Mean | 0.00253 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24708 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 0.000639 |
| Maximum | 1.972 |
| Mean | 0.185 |
| Median | 0.0696 |
| SD | 0.381 |
| SE of Mean | 0.0626 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.558 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24709 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 0.00569 |
| Maximum | 1.531 |
| Mean | 0.185 |
| Median | 0.0472 |
| SD | 0.304 |
| SE of Mean | 0.05 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24709 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |

| | |
|---|---|
| Number of Distinct Observations | 43 |
| Minimum | 0.00171 |
| Maximum | 7.051 |
| Mean | 0.514 |
| Median | 0.0676 |
| SD | 1.219 |
| SE of Mean | 0.186 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.116 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0623 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24709 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 48 |
| Minimum | 0.00053 |
| Maximum | 3.926 |
| Mean | 0.244 |
| Median | 0.0507 |
| SD | 0.648 |
| SE of Mean | 0.0898 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.0769 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.262 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24710 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 42 |
| Minimum | 0.000689 |
| Maximum | 2.282 |
| Mean | 0.178 |
| Median | 0.0256 |
| SD | 0.385 |
| SE of Mean | 0.0587 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0465 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.64 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24712 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 0.00356 |
| Maximum | 0.992 |
| Mean | 0.122 |
| Median | 0.0416 |
| SD | 0.197 |
| SE of Mean | 0.0349 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0313 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.806 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24712 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 0.00294 |
| Maximum | 1.979 |
| Mean | 0.271 |
| Median | 0.125 |
| SD | 0.471 |
| SE of Mean | 0.0906 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0741 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.394 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24712 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 45 |
| Minimum | 0.00053 |
| Maximum | 1.51 |
| Mean | 0.106 |
| Median | 0.0297 |
| SD | 0.251 |
| SE of Mean | 0.0374 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0222 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.901 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24713 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 29 |
| Minimum | 0.00053 |
| Maximum | 0.086 |
| Mean | 0.0148 |
| Median | 0.00513 |
| SD | 0.0219 |
| SE of Mean | 0.0036 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24713 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 0.00188 |
| Maximum | 2.124 |
| Mean | 0.162 |
| Median | 0.0354 |
| SD | 0.396 |
| SE of Mean | 0.0679 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0588 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.512 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24713 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 28 |
| Minimum | 0.00053 |
| Maximum | 2.226 |
| Mean | 0.17 |
| Median | 0.0071 |
| SD | 0.462 |
| SE of Mean | 0.0781 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0571 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.528 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24715 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 0.00526 |
| Maximum | 2.31 |
| Mean | 0.321 |
| Median | 0.0663 |
| SD | 0.534 |
| SE of Mean | 0.0877 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.135 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0359 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

BaP_TEQ(0-10) (24716 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 25 |
| Minimum | 0.00053 |
| Maximum | 0.869 |
| Mean | 0.0663 |
| Median | 0.00879 |
| SD | 0.172 |
| SE of Mean | 0.0315 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24716 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 0.000634 |
| Maximum | 0.313 |
| Mean | 0.0819 |
| Median | 0.0472 |
| SD | 0.0905 |
| SE of Mean | 0.0234 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24717 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 29 |
| Minimum | 0.00053 |
| Maximum | 0.682 |
| Mean | 0.0517 |
| Median | 0.00319 |
| SD | 0.132 |
| SE of Mean | 0.0214 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24718 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 70 |
| Number of Distinct Observations | 49 |
| Minimum | 0.00053 |
| Maximum | 0.475 |
| Mean | 0.0594 |
| Median | 0.0121 |
| SD | 0.0909 |
| SE of Mean | 0.0109 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24718 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 0.00452 |
| Maximum | 16.09 |
| Mean | 0.625 |
| Median | 0.096 |

| | |
|---|---|
| SD | 2.781 |
| SE of Mean | 0.484 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24719 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 0.00053 |
| Maximum | 0.192 |
| Mean | 0.0467 |
| Median | 0.0368 |
| SD | 0.0452 |
| SE of Mean | 0.00787 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24719 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 0.00212 |
| Maximum | 1.74 |
| Mean | 0.196 |
| Median | 0.0529 |
| SD | 0.368 |
| SE of Mean | 0.0696 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24719 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 40 |

| | |
|---|---|
| Minimum | 0.00053 |
| Maximum | 1.022 |
| Mean | 0.103 |
| Median | 0.035 |
| SD | 0.208 |
| SE of Mean | 0.031 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0444 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.665 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24722 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 0.00053 |
| Maximum | 0.687 |
| Mean | 0.048 |
| Median | 0.0159 |
| SD | 0.119 |
| SE of Mean | 0.0204 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24722 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 18 |
| Minimum | 0.00053 |
| Maximum | 0.0318 |
| Mean | 0.00439 |
| Median | 0.00053 |
| SD | 0.00779 |
| SE of Mean | 0.00123 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24722 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 17 |
| Minimum | 0.00053 |
| Maximum | 0.713 |
| Mean | 0.155 |
| Median | 0.0355 |
| SD | 0.241 |
| SE of Mean | 0.0569 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24722 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 48 |
| Minimum | 0.00053 |
| Maximum | 0.858 |
| Mean | 0.106 |
| Median | 0.0227 |
| SD | 0.195 |
| SE of Mean | 0.0276 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24723 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 16 |
| Minimum | 0.00053 |
| Maximum | 0.404 |
| Mean | 0.0256 |
| Median | 0.00265 |
| SD | 0.086 |
| SE of Mean | 0.0183 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24723 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 30 |
| Minimum | 0.00053 |
| Maximum | 0.0713 |
| Mean | 0.0137 |
| Median | 0.00433 |
| SD | 0.019 |
| SE of Mean | 0.00312 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24725 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 25 |
| Minimum | 0.00053 |
| Maximum | 0.238 |
| Mean | 0.0196 |
| Median | 0.00138 |
| SD | 0.047 |
| SE of Mean | 0.00795 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24726 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 39 |
| Minimum | 0.00053 |
| Maximum | 0.346 |
| Mean | 0.0227 |
| Median | 0.00489 |
| SD | 0.0553 |
| SE of Mean | 0.0079 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24726 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 0.00053 |
| Maximum | 3.954 |
| Mean | 0.146 |
| Median | 0.00338 |
| SD | 0.649 |
| SE of Mean | 0.107 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.85 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24727 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 35 |
| Minimum | 0.00053 |
| Maximum | 1.765 |
| Mean | 0.0922 |
| Median | 0.00656 |
| SD | 0.292 |
| SE of Mean | 0.0461 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.871 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24728 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 23 |
| Minimum | 0.00053 |
| Maximum | 0.357 |
| Mean | 0.0206 |
| Median | 0.00093 |
| SD | 0.0658 |
| SE of Mean | 0.0115 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24728 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 0.00185 |
| Maximum | 1.706 |
| Mean | 0.174 |
| Median | 0.0543 |
| SD | 0.34 |
| SE of Mean | 0.061 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0323 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.796 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24729 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00053 |
| Maximum | 0.32 |
| Mean | 0.0275 |
| Median | 0.00276 |
| SD | 0.0618 |
| SE of Mean | 0.0104 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24729 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 0.00053 |
| Maximum | 0.187 |
| Mean | 0.0381 |
| Median | 0.0155 |
| SD | 0.0454 |

| | |
|---|---|
| SE of Mean | 0.00779 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24729 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 16 |
| Number of Distinct Observations | 5 |
| Minimum | 0.00053 |
| Maximum | 0.013 |
| Mean | 0.0024 |
| Median | 0.00053 |
| SD | 0.00391 |
| SE of Mean | 0.0009764 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24732 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 29 |
| Minimum | 0.00053 |
| Maximum | 0.406 |
| Mean | 0.0249 |
| Median | 0.0031 |
| SD | 0.0771 |
| SE of Mean | 0.0127 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24732 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 26 |
| Minimum | 0.00053 |

| | |
|---|---|
| Maximum | 1.852 |
| Mean | 0.132 |
| Median | 0.0345 |
| SD | 0.323 |
| SE of Mean | 0.0545 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24732 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 28 |
| Minimum | 0.00053 |
| Maximum | 0.498 |
| Mean | 0.0616 |
| Median | 0.0284 |
| SD | 0.106 |
| SE of Mean | 0.0185 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24732 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 39 |
| Minimum | 0.00053 |
| Maximum | 0.273 |
| Mean | 0.0395 |
| Median | 0.00573 |
| SD | 0.0703 |
| SE of Mean | 0.0108 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24733 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 22 |
| Minimum | 0.00053 |
| Maximum | 0.12 |
| Mean | 0.0151 |
| Median | 0.003 |
| SD | 0.026 |
| SE of Mean | 0.0046 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24733 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 38 |
| Minimum | 0.00228 |
| Maximum | 1.98 |
| Mean | 0.196 |
| Median | 0.0584 |
| SD | 0.4 |
| SE of Mean | 0.0649 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0526 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.573

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24733 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 30 |
| Minimum | 0.00053 |
| Maximum | 0.198 |
| Mean | 0.0144 |
| Median | 0.00169 |
| SD | 0.0364 |
| SE of Mean | 0.00576 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24735 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 0.00053 |
| Maximum | 0.656 |
| Mean | 0.0351 |
| Median | 0.00439 |
| SD | 0.111 |
| SE of Mean | 0.0185 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24736 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 40 |
| Minimum | 0.00053 |
| Maximum | 0.149 |
| Mean | 0.0193 |
| Median | 0.00257 |
| SD | 0.032 |
| SE of Mean | 0.00444 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24736 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 0.00273 |
| Maximum | 1.032 |
| Mean | 0.148 |
| Median | 0.058 |
| SD | 0.214 |
| SE of Mean | 0.0327 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0233 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.89

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24737 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00053 |
| Maximum | 0.586 |
| Mean | 0.042 |
| Median | 0.00339 |
| SD | 0.116 |
| SE of Mean | 0.022 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24738 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 46 |
| Minimum | 0.00053 |
| Maximum | 2.263 |
| Mean | 0.268 |
| Median | 0.125 |
| SD | 0.407 |
| SE of Mean | 0.057 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0588 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.473

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24738 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 0.00053 |
| Maximum | 2.037 |
| Mean | 0.232 |
| Median | 0.054 |
| SD | 0.463 |
| SE of Mean | 0.0818 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0625 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.48 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24739 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 39 |
| Minimum | 0.00053 |
| Maximum | 0.415 |
| Mean | 0.0421 |
| Median | 0.00825 |
| SD | 0.0862 |
| SE of Mean | 0.0135 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24739 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 39 |
| Minimum | 0.00053 |
| Maximum | 0.525 |
| Mean | 0.0579 |
| Median | 0.0214 |
| SD | 0.109 |
| SE of Mean | 0.0166 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24739 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 0.00053 |
| Maximum | 1.43 |
| Mean | 0.291 |
| Median | 0.182 |
| SD | 0.378 |
| SE of Mean | 0.0583 |

| | |
|---|---|
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.119 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0573 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24740 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 46 |
| Minimum | 0.00053 |
| Maximum | 1.185 |
| Mean | 0.0526 |
| Median | 0.00276 |
| SD | 0.17 |
| SE of Mean | 0.0212 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0156 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.962 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24741 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 0.00053 |
| Maximum | 0.0717 |
| Mean | 0.0178 |
| Median | 0.0138 |
| SD | 0.0213 |
| SE of Mean | 0.00615 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24743 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 47 |
| Minimum | 0.00118 |
| Maximum | 1.455 |

| | |
|---|---|
| Mean | 0.259 |
| Median | 0.141 |
| SD | 0.336 |
| SE of Mean | 0.049 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0638 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.42 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24744 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 21 |
| Minimum | 0.00053 |
| Maximum | 0.492 |
| Mean | 0.0643 |
| Median | 0.00428 |
| SD | 0.148 |
| SE of Mean | 0.0296 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24748 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00411 |
| Maximum | 0.905 |
| Mean | 0.145 |
| Median | 0.0648 |
| SD | 0.206 |
| SE of Mean | 0.042 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0417 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.708 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24749 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 43 |
| Minimum | 0.00518 |
| Maximum | 1.1 |
| Mean | 0.191 |
| Median | 0.0935 |
| SD | 0.218 |
| SE of Mean | 0.0333 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0233 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.89 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24752 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 45 |
| Minimum | 0.00342 |
| Maximum | 1.521 |
| Mean | 0.127 |
| Median | 0.0707 |
| SD | 0.236 |
| SE of Mean | 0.0351 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0222 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.901 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24802 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 46 |
| Minimum | 0.00053 |
| Maximum | 0.775 |
| Mean | 0.0718 |
| Median | 0.0193 |
| SD | 0.128 |
| SE of Mean | 0.0187 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24803 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 0.000893 |
| Maximum | 0.23 |
| Mean | 0.0291 |
| Median | 0.00868 |
| SD | 0.0494 |
| SE of Mean | 0.00874 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24803 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 16 |
| Minimum | 0.00053 |
| Maximum | 0.849 |
| Mean | 0.108 |
| Median | 0.00215 |
| SD | 0.246 |
| SE of Mean | 0.058 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24809 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 0.000536 |
| Maximum | 1.659 |
| Mean | 0.113 |
| Median | 0.0331 |
| SD | 0.315 |
| SE of Mean | 0.0606 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.037 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.75

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24809 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 0.000552 |
| Maximum | 0.55 |
| Mean | 0.118 |
| Median | 0.0469 |
| SD | 0.154 |
| SE of Mean | 0.0256 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24812 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 24 |
| Minimum | 0.00053 |
| Maximum | 0.331 |
| Mean | 0.0351 |
| Median | 0.00336 |
| SD | 0.0762 |
| SE of Mean | 0.0142 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (24813 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 0.0113 |
| Maximum | 0.609 |
| Mean | 0.201 |
| Median | 0.134 |
| SD | 0.198 |
| SE of Mean | 0.051 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24815 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 0.00115 |
| Maximum | 0.628 |
| Mean | 0.0924 |
| Median | 0.0347 |
| SD | 0.157 |
| SE of Mean | 0.0287 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24818 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 0.00053 |
| Maximum | 15.22 |
| Mean | 0.517 |
| Median | 0.01 |
| SD | 2.608 |
| SE of Mean | 0.447 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0588 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.512 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24819 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 0.00986 |
| Maximum | 0.661 |
| Mean | 0.12 |
| Median | 0.0792 |
| SD | 0.147 |
| SE of Mean | 0.0251 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24822 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 42 |
| Minimum | 0.00053 |
| Maximum | 0.448 |
| Mean | 0.0545 |
| Median | 0.014 |
| SD | 0.0844 |
| SE of Mean | 0.0129 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24823 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 0.00358 |
| Maximum | 0.937 |
| Mean | 0.113 |
| Median | 0.0649 |
| SD | 0.165 |
| SE of Mean | 0.0264 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0256 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.865 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24825 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 98 |
| Number of Distinct Observations | 84 |
| Minimum | 0.00053 |
| Maximum | 0.287 |
| Mean | 0.0207 |

| | |
|---|---|
| Median | 0.0045 |
| SD | 0.0423 |
| SE of Mean | 0.00428 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24828 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 0.0005134 |
| Maximum | 2.862 |
| Mean | 0.189 |
| Median | 0.0289 |
| SD | 0.56 |
| SE of Mean | 0.0933 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0833 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.268 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24829 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 48 |
| Minimum | 0.00161 |
| Maximum | 1.036 |
| Mean | 0.0977 |
| Median | 0.0639 |
| SD | 0.152 |
| SE of Mean | 0.022 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0208 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.915 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24832 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |

| | |
|---|---|
| Number of Distinct Observations | 38 |
| Minimum | 0.00053 |
| Maximum | 0.8 |
| Mean | 0.0662 |
| Median | 0.0188 |
| SD | 0.142 |
| SE of Mean | 0.023 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24833 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 0.00053 |
| Maximum | 1.254 |
| Mean | 0.112 |
| Median | 0.0456 |
| SD | 0.223 |
| SE of Mean | 0.034 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0233 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.89 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24838 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 0.00078 |
| Maximum | 0.871 |
| Mean | 0.146 |
| Median | 0.0417 |
| SD | 0.239 |
| SE of Mean | 0.0451 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (24904 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 74 |
| Number of Distinct Observations | 74 |
| Minimum | 0.00088 |
| Maximum | 0.652 |
| Mean | 0.106 |
| Median | 0.0675 |
| SD | 0.113 |
| SE of Mean | 0.0131 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (24912 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 0.00053 |
| Maximum | 0.314 |
| Mean | 0.0448 |
| Median | 0.0182 |
| SD | 0.0688 |
| SE of Mean | 0.0115 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (301 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 21 |
| Minimum | 0.00053 |
| Maximum | 0.212 |
| Mean | 0.0235 |
| Median | 0.00176 |
| SD | 0.0465 |
| SE of Mean | 0.00864 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (305 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 54 |
| Number of Distinct Observations | 34 |
| Minimum | 0.00053 |
| Maximum | 8.597 |
| Mean | 0.561 |
| Median | 0.00104 |
| SD | 1.784 |
| SE of Mean | 0.243 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.0926 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.132 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (311 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 71 |
| Number of Distinct Observations | 64 |
| Minimum | 0.00053 |
| Maximum | 33.31 |
| Mean | 1.833 |
| Median | 0.0174 |
| SD | 5.196 |
| SE of Mean | 0.617 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.183 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.603E-05 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**BaP_TEQ(0-10) (317 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 42 |
| Minimum | 0.00053 |
| Maximum | 13.07 |
| Mean | 0.606 |
| Median | 0.00316 |
| SD | 2.459 |
| SE of Mean | 0.323 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.069 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.33 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (321 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 27 |
| Minimum | 0.00053 |
| Maximum | 0.0578 |
| Mean | 0.00807 |
| Median | 0.00185 |
| SD | 0.0128 |
| SE of Mean | 0.00202 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (327 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 7 |
| Minimum | 0.00053 |
| Maximum | 0.0132 |
| Mean | 0.00359 |
| Median | 0.00148 |
| SD | 0.00423 |
| SE of Mean | 0.00122 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (331 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 9 |
| Minimum | 0.00053 |
| Maximum | 0.0519 |
| Mean | 0.00426 |
| Median | 0.00053 |
| SD | 0.0106 |
| SE of Mean | 0.00201 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (337 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 19 |
| Minimum | 0.00053 |
| Maximum | 0.0548 |
| Mean | 0.00598 |
| Median | 0.0011 |
| SD | 0.011 |
| SE of Mean | 0.00189 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (341 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 29 |
| Minimum | 0.00053 |
| Maximum | 0.0714 |
| Mean | 0.00622 |
| Median | 0.0006665 |
| SD | 0.014 |
| SE of Mean | 0.00202 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (344 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 35 |
| Minimum | 0.000627 |
| Maximum | 0.542 |
| Mean | 0.083 |
| Median | 0.039 |

| | |
|---|---|
| SD | 0.127 |
| SE of Mean | 0.0215 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (345 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 93 |
| Number of Distinct Observations | 89 |
| Minimum | 0.00053 |
| Maximum | 2.431 |
| Mean | 0.135 |
| Median | 0.0222 |
| SD | 0.395 |
| SE of Mean | 0.041 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0323 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (347 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 21 |
| Minimum | 0.00053 |
| Maximum | 0.0357 |
| Mean | 0.00579 |
| Median | 0.00116 |
| SD | 0.00915 |
| SE of Mean | 0.00162 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (348 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 46 |

| | |
|---|---|
| Minimum | 0.00053 |
| Maximum | 4.123 |
| Mean | 0.219 |
| Median | 0.0137 |
| SD | 0.687 |
| SE of Mean | 0.0981 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0408 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.71 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (348 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 51 |
| Minimum | 0.00316 |
| Maximum | 0.424 |
| Mean | 0.0982 |
| Median | 0.0618 |
| SD | 0.108 |
| SE of Mean | 0.0151 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (351 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 23 |
| Minimum | 0.00053 |
| Maximum | 0.488 |
| Mean | 0.0234 |
| Median | 0.00208 |
| SD | 0.0863 |
| SE of Mean | 0.0153 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (352 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 0.00053 |
| Maximum | 0.899 |
| Mean | 0.0954 |
| Median | 0.0441 |
| SD | 0.17 |
| SE of Mean | 0.0301 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (353 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 0.000538 |
| Maximum | 0.466 |
| Mean | 0.0321 |
| Median | 0.00959 |
| SD | 0.0843 |
| SE of Mean | 0.0149 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (354 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 0.00343 |
| Maximum | 1.271 |
| Mean | 0.256 |
| Median | 0.128 |
| SD | 0.335 |
| SE of Mean | 0.0537 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0769 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.309

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (357 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 20 |
| Minimum | 0.00053 |
| Maximum | 0.0643 |
| Mean | 0.00459 |
| Median | 0.00053 |
| SD | 0.0109 |
| SE of Mean | 0.00172 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (357 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 0.00053 |
| Maximum | 1.449 |
| Mean | 0.126 |
| Median | 0.0262 |
| SD | 0.329 |
| SE of Mean | 0.0672 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0417 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.708

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (358 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 0.00053 |
| Maximum | 0.416 |
| Mean | 0.0506 |
| Median | 0.0075 |
| SD | 0.0978 |
| SE of Mean | 0.0149 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (360 248th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 47 |
| Minimum | 0.00053 |
| Maximum | 0.448 |
| Mean | 0.0935 |
| Median | 0.0403 |
| SD | 0.123 |
| SE of Mean | 0.0177 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (361 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 16 |
| Minimum | 0.00053 |
| Maximum | 0.0452 |
| Mean | 0.00615 |
| Median | 0.00208 |
| SD | 0.0104 |
| SE of Mean | 0.00218 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

BaP_TEQ(0-10) (362 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 21 |
| Minimum | 0.00053 |
| Maximum | 0.0862 |
| Mean | 0.0154 |
| Median | 0.00348 |
| SD | 0.024 |
| SE of Mean | 0.00479 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (363 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 0.0054 |
| Maximum | 2.198 |
| Mean | 0.182 |
| Median | 0.0603 |
| SD | 0.417 |
| SE of Mean | 0.0802 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.037 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.75 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (364 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 49 |
| Minimum | 0.000654 |
| Maximum | 0.735 |
| Mean | 0.126 |
| Median | 0.051 |
| SD | 0.173 |
| SE of Mean | 0.0247 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (367 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 13 |
| Minimum | 0.000659 |
| Maximum | 0.691 |
| Mean | 0.097 |
| Median | 0.0175 |
| SD | 0.188 |

| | |
|---|---|
| SE of Mean | 0.0522 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (367 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 46 |
| Minimum | 0.00249 |
| Maximum | 1.128 |
| Mean | 0.121 |
| Median | 0.0558 |
| SD | 0.215 |
| SE of Mean | 0.0317 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0435 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.677 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (368 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 55 |
| Number of Distinct Observations | 55 |
| Minimum | 0.000603 |
| Maximum | 7.213 |
| Mean | 0.282 |
| Median | 0.0214 |
| SD | 1.197 |
| SE of Mean | 0.161 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0545 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.523 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (373 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 42 |
| Minimum | 0.00728 |

| | |
|---|---|
| Maximum | 0.664 |
| Mean | 0.0904 |
| Median | 0.0462 |
| SD | 0.116 |
| SE of Mean | 0.0179 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (374 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 120 |
| Number of Distinct Observations | 120 |
| Minimum | 0.00061 |
| Maximum | 22.3 |
| Mean | 0.502 |
| Median | 0.079 |
| SD | 2.29 |
| SE of Mean | 0.209 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.05 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | 0.209 |
| Critical Value (0.05) | 1.645 |
| P-Value | 0.417 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (374 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 0.000538 |
| Maximum | 0.46 |
| Mean | 0.143 |
| Median | 0.0823 |
| SD | 0.142 |
| SE of Mean | 0.0273 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (377 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 20 |
| Minimum | 0.00053 |
| Maximum | 0.203 |
| Mean | 0.0167 |
| Median | 0.0015 |
| SD | 0.0396 |
| SE of Mean | 0.00701 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (377 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 0.00554 |
| Maximum | 0.718 |
| Mean | 0.136 |
| Median | 0.0952 |
| SD | 0.152 |
| SE of Mean | 0.0264 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (378 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 37 |
| Minimum | 0.00053 |
| Maximum | 0.456 |
| Mean | 0.0417 |
| Median | 0.0176 |
| SD | 0.0756 |
| SE of Mean | 0.0118 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (383 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 0.00446 |
| Maximum | 3.06 |
| Mean | 0.322 |
| Median | 0.0761 |
| SD | 0.718 |
| SE of Mean | 0.127 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0625 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.48 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (402 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 0.00053 |
| Maximum | 0.547 |
| Mean | 0.0536 |
| Median | 0.0194 |
| SD | 0.107 |
| SE of Mean | 0.0189 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**BaP_TEQ(0-10) (408 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 22 |
| Minimum | 0.00053 |
| Maximum | 0.239 |
| Mean | 0.0429 |
| Median | 0.0325 |
| SD | 0.0541 |
| SE of Mean | 0.011 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**BaP_TEQ(0-10) (412 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 77 |
| Number of Distinct Observations | 72 |
| Minimum | 0.00053 |
| Maximum | 16.19 |
| Mean | 0.266 |
| Median | 0.0191 |
| SD | 1.842 |
| SE of Mean | 0.21 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.013 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.981 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24401 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 20 |
| Minimum | 0.09 |
| Maximum | 1.16 |
| Mean | 0.354 |
| Median | 0.31 |
| SD | 0.195 |
| SE of Mean | 0.0339 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24402 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 4.207E-17 |
| SE of Mean | 6.073E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24402 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 127 |
| Number of Distinct Observations | 20 |
| Minimum | 0.09 |
| Maximum | 0.83 |
| Mean | 0.123 |
| Median | 0.09 |
| SD | 0.0969 |
| SE of Mean | 0.0086 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.382 |
| Critical Value (0.05) | 1.645 |

| | |
|---|---|
| P-Value | 0.00861 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value < Alpha (0.05)

**Cadmium(0-10) (24402 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 15 |
| Minimum | 0.01 |
| Maximum | 1.54 |
| Mean | 0.162 |
| Median | 0.09 |
| SD | 0.312 |
| SE of Mean | 0.0493 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24403 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 4.209E-17 |
| SE of Mean | 6.206E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24403 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 62 |
| Number of Distinct Observations | 14 |
| Minimum | 0.09 |
| Maximum | 0.58 |
| Mean | 0.128 |
| Median | 0.1 |
| SD | 0.0748 |
| SE of Mean | 0.0095 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24405 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 12 |
| Minimum | 0.09 |
| Maximum | 0.21 |
| Mean | 0.14 |
| Median | 0.14 |
| SD | 0.0378 |
| SE of Mean | 0.00756 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24406 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 18 |
| Minimum | 0.03 |
| Maximum | 0.7 |
| Mean | 0.142 |
| Median | 0.09 |
| SD | 0.142 |
| SE of Mean | 0.0225 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24406 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 17 |
| Minimum | 0.09 |
| Maximum | 0.75 |
| Mean | 0.404 |

| | |
|---|---|
| Median | 0.455 |
| SD | 0.228 |
| SE of Mean | 0.0431 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24406 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 3 |
| Minimum | 0.01 |
| Maximum | 0.09 |
| Mean | 0.07 |
| Median | 0.09 |
| SD | 0.0346 |
| SE of Mean | 0.00722 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24406 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 11 |
| Minimum | 0.01 |
| Maximum | 0.47 |
| Mean | 0.0927 |
| Median | 0.09 |
| SD | 0.102 |
| SE of Mean | 0.0201 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24409 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |

| | |
|---|---|
| Number of Distinct Observations | 12 |
| Minimum | 0.09 |
| Maximum | 1.85 |
| Mean | 0.4 |
| Median | 0.26 |
| SD | 0.412 |
| SE of Mean | 0.0842 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24409 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 27 |
| Minimum | 0.09 |
| Maximum | 1.4 |
| Mean | 0.608 |
| Median | 0.66 |
| SD | 0.343 |
| SE of Mean | 0.0597 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24410 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 0.36 |
| Mean | 0.12 |
| Median | 0.09 |
| SD | 0.0733 |
| SE of Mean | 0.0128 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24411 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 69 |
| Number of Distinct Observations | 14 |
| Minimum | 0.09 |
| Maximum | 0.45 |
| Mean | 0.121 |
| Median | 0.09 |
| SD | 0.0654 |
| SE of Mean | 0.00787 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24411 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 3 |
| Minimum | 0.09 |
| Maximum | 6.33 |
| Mean | 0.373 |
| Median | 0.09 |
| SD | 1.222 |
| SE of Mean | 0.201 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.558 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24412 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 15 |
| Minimum | 0.09 |
| Maximum | 1.68 |
| Mean | 0.275 |
| Median | 0.14 |
| SD | 0.369 |
| SE of Mean | 0.0663 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24412 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 61 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 6.996E-17 |
| SE of Mean | 8.958E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24413 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |
| Maximum | 2.05 |
| Mean | 0.223 |
| Median | 0.09 |
| SD | 0.432 |
| SE of Mean | 0.0883 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24413 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 5 |
| Minimum | 0.09 |
| Maximum | 0.98 |
| Mean | 0.158 |
| Median | 0.09 |
| SD | 0.216 |
| SE of Mean | 0.0409 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24416 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 0.93 |
| Mean | 0.129 |
| Median | 0.09 |
| SD | 0.14 |
| SE of Mean | 0.0197 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24416 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 16 |
| Minimum | 0.12 |
| Maximum | 0.38 |
| Mean | 0.22 |
| Median | 0.22 |
| SD | 0.0711 |
| SE of Mean | 0.0155 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24416 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 15 |
| Minimum | 0.09 |
| Maximum | 0.37 |
| Mean | 0.156 |
| Median | 0.13 |
| SD | 0.0779 |
| SE of Mean | 0.0136 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24416 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 3 |
| Minimum | 0.01 |
| Maximum | 1.22 |
| Mean | 0.107 |
| Median | 0.09 |
| SD | 0.178 |
| SE of Mean | 0.0274 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24417 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 8 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.484E-17 |
| SE of Mean | 5.245E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24417 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 16 |
| Minimum | 0.09 |
| Maximum | 0.57 |
| Mean | 0.138 |
| Median | 0.09 |

| | |
|---|---|
| SD | 0.0914 |
| SE of Mean | 0.0133 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24419 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.41E-17 |
| SE of Mean | 2.493E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24419 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 3 |
| Minimum | 0.01 |
| Maximum | 0.43 |
| Mean | 0.0881 |
| Median | 0.09 |
| SD | 0.069 |
| SE of Mean | 0.0122 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24420 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 5 |

| | |
|---|---|
| Minimum | 0.09 |
| Maximum | 1.09 |
| Mean | 0.127 |
| Median | 0.09 |
| SD | 0.174 |
| SE of Mean | 0.0303 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24421 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 9 |
| Minimum | 0.09 |
| Maximum | 0.34 |
| Mean | 0.122 |
| Median | 0.09 |
| SD | 0.0728 |
| SE of Mean | 0.0133 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24422 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 10 |
| Minimum | 0.09 |
| Maximum | 0.81 |
| Mean | 0.145 |
| Median | 0.09 |
| SD | 0.16 |
| SE of Mean | 0.0244 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24422 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 3 |
| Minimum | 0.01 |
| Maximum | 0.22 |
| Mean | 0.0803 |
| Median | 0.09 |
| SD | 0.0385 |
| SE of Mean | 0.00642 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24422 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 7 |
| Minimum | 0.01 |
| Maximum | 0.15 |
| Mean | 0.0379 |
| Median | 0.01 |
| SD | 0.0489 |
| SE of Mean | 0.00908 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24423 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 1.7 |
| Mean | 0.214 |
| Median | 0.09 |
| SD | 0.447 |
| SE of Mean | 0.124 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24423 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 11 |
| Minimum | 0.09 |
| Maximum | 0.39 |
| Mean | 0.132 |
| Median | 0.1 |
| SD | 0.067 |
| SE of Mean | 0.011 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24423 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 5 |
| Minimum | 0.01 |
| Maximum | 0.38 |
| Mean | 0.0878 |
| Median | 0.09 |
| SD | 0.0573 |
| SE of Mean | 0.00906 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24426 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 6 |
| Minimum | 0.01 |
| Maximum | 0.79 |
| Mean | 0.115 |
| Median | 0.09 |
| SD | 0.148 |
| SE of Mean | 0.0302 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24426 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 2 |
| Minimum | 0.01 |
| Maximum | 0.09 |
| Mean | 0.074 |
| Median | 0.09 |
| SD | 0.0325 |
| SE of Mean | 0.00594 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24426 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 10 |
| Minimum | 0.09 |
| Maximum | 0.75 |
| Mean | 0.158 |
| Median | 0.09 |
| SD | 0.152 |
| SE of Mean | 0.0277 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24426 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.8 |
| Mean | 0.104 |
| Median | 0.09 |
| SD | 0.101 |
| SE of Mean | 0.0145 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24427 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.833E-17 |
| SE of Mean | 5.666E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24427 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 1.08 |
| Mean | 0.116 |
| Median | 0.09 |
| SD | 0.161 |
| SE of Mean | 0.0261 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24429 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 19 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.852E-17 |

| | |
|---|---|
| SE of Mean | 6.542E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24429 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 15 |
| Minimum | 0.09 |
| Maximum | 0.44 |
| Mean | 0.178 |
| Median | 0.12 |
| SD | 0.107 |
| SE of Mean | 0.0199 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24430 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 3 |
| Minimum | 0.01 |
| Maximum | 1.37 |
| Mean | 0.125 |
| Median | 0.09 |
| SD | 0.236 |
| SE of Mean | 0.0432 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24431 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 12 |
| Minimum | 0.09 |

| | |
|---|---|
| Maximum | 1.12 |
| Mean | 0.176 |
| Median | 0.09 |
| SD | 0.221 |
| SE of Mean | 0.0373 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24432 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 67 |
| Number of Distinct Observations | 14 |
| Minimum | 0.09 |
| Maximum | 0.66 |
| Mean | 0.141 |
| Median | 0.09 |
| SD | 0.138 |
| SE of Mean | 0.0169 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24433 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 5 |
| Minimum | 0.01 |
| Maximum | 0.32 |
| Mean | 0.0907 |
| Median | 0.09 |
| SD | 0.0788 |
| SE of Mean | 0.0152 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24436 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.816E-17 |
| SE of Mean | 4.76E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24502 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 26 |
| Minimum | 0.09 |
| Maximum | 2.8 |
| Mean | 0.357 |
| Median | 0.11 |
| SD | 0.521 |
| SE of Mean | 0.0729 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24502 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 2 |
| Minimum | 0.01 |
| Maximum | 0.09 |
| Mean | 0.0817 |
| Median | 0.09 |
| SD | 0.0246 |
| SE of Mean | 0.00323 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24502 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 3 |
| Minimum | 0.01 |
| Maximum | 0.14 |
| Mean | 0.081 |
| Median | 0.09 |
| SD | 0.0281 |
| SE of Mean | 0.00405 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24502 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 44 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.25 |
| Mean | 0.0984 |
| Median | 0.09 |
| SD | 0.0296 |
| SE of Mean | 0.00447 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24503 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24503 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 60 |
| Number of Distinct Observations | 11 |
| Minimum | 0.09 |
| Maximum | 0.72 |
| Mean | 0.146 |
| Median | 0.09 |
| SD | 0.156 |
| SE of Mean | 0.0201 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24503 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 12 |
| Minimum | 0.01 |
| Maximum | 0.27 |
| Mean | 0.132 |
| Median | 0.13 |
| SD | 0.0507 |
| SE of Mean | 0.00957 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24503 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.14 |
| Mean | 0.0959 |
| Median | 0.09 |
| SD | 0.0164 |
| SE of Mean | 0.0028 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24506 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 19 |
| Minimum | 0.01 |
| Maximum | 0.47 |
| Mean | 0.159 |
| Median | 0.14 |
| SD | 0.103 |
| SE of Mean | 0.0172 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24507 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 17 |
| Minimum | 0.09 |
| Maximum | 0.34 |
| Mean | 0.175 |
| Median | 0.18 |
| SD | 0.0594 |
| SE of Mean | 0.00991 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24508 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 4.216E-17 |
| SE of Mean | 6.667E-18 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24508 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.835E-17 |
| SE of Mean | 5.787E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24508 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.28 |
| Mean | 0.0977 |
| Median | 0.09 |
| SD | 0.0316 |
| SE of Mean | 0.00506 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24509 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 19 |
| Minimum | 0.09 |
| Maximum | 0.64 |

| | |
|---|---|
| Mean | 0.327 |
| Median | 0.36 |
| SD | 0.172 |
| SE of Mean | 0.031 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24509 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 12 |
| Minimum | 0.09 |
| Maximum | 1.85 |
| Mean | 0.164 |
| Median | 0.09 |
| SD | 0.269 |
| SE of Mean | 0.0392 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24509 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 1 |
| Mean | 0.115 |
| Median | 0.09 |
| SD | 0.15 |
| SE of Mean | 0.0246 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24512 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 28 |
| Minimum | 0.26 |
| Maximum | 0.73 |
| Mean | 0.499 |
| Median | 0.505 |
| SD | 0.0993 |
| SE of Mean | 0.0143 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24512 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 23 |
| Minimum | 0.4 |
| Maximum | 1.36 |
| Mean | 0.626 |
| Median | 0.575 |
| SD | 0.173 |
| SE of Mean | 0.0289 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24512 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 3 |
| Minimum | 0.09 |
| Maximum | 0.27 |
| Mean | 0.0996 |
| Median | 0.09 |
| SD | 0.0375 |
| SE of Mean | 0.00708 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24512 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 20 |
| Minimum | 0.09 |
| Maximum | 0.31 |
| Mean | 0.163 |
| Median | 0.14 |
| SD | 0.0745 |
| SE of Mean | 0.011 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24513 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.27 |
| Mean | 0.0962 |
| Median | 0.09 |
| SD | 0.0299 |
| SE of Mean | 0.00492 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24513 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.12 |
| Mean | 0.0912 |
| Median | 0.09 |
| SD | 0.00588 |
| SE of Mean | 0.0008235 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Cadmium(0-10) (24513 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 11 |
| Minimum | 0.09 |
| Maximum | 0.37 |
| Mean | 0.125 |
| Median | 0.09 |
| SD | 0.068 |
| SE of Mean | 0.0124 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24516 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24517 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 9 |
| Minimum | 0.01 |
| Maximum | 0.98 |
| Mean | 0.458 |
| Median | 0.585 |
| SD | 0.351 |
| SE of Mean | 0.101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24518 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 15 |
| Minimum | 0.09 |
| Maximum | 0.46 |
| Mean | 0.219 |
| Median | 0.25 |
| SD | 0.104 |
| SE of Mean | 0.0156 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24518 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 8 |
| Minimum | 0.01 |
| Maximum | 0.44 |
| Mean | 0.102 |
| Median | 0.09 |
| SD | 0.0764 |
| SE of Mean | 0.0118 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24518 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 10 |
| Minimum | 0.09 |
| Maximum | 0.58 |
| Mean | 0.132 |
| Median | 0.09 |
| SD | 0.105 |
| SE of Mean | 0.0192 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24519 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 6.88 |
| Mean | 0.309 |
| Median | 0.09 |
| SD | 1.146 |
| SE of Mean | 0.194 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24519 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 8 |
| Minimum | 0.09 |
| Maximum | 0.51 |
| Mean | 0.13 |
| Median | 0.09 |
| SD | 0.105 |
| SE of Mean | 0.0193 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24522 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 11 |
| Minimum | 0.09 |
| Maximum | 0.39 |
| Mean | 0.158 |

| | |
|---|---|
| Median | 0.09 |
| SD | 0.0909 |
| SE of Mean | 0.0175 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24522 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 14 |
| Minimum | 0.09 |
| Maximum | 0.58 |
| Mean | 0.285 |
| Median | 0.31 |
| SD | 0.172 |
| SE of Mean | 0.0326 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24522 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.815E-17 |
| SE of Mean | 4.692E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24522 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |

| | |
|---|---|
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |
| Maximum | 0.28 |
| Mean | 0.101 |
| Median | 0.09 |
| SD | 0.034 |
| SE of Mean | 0.00575 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24523 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 14 |
| Minimum | 0.09 |
| Maximum | 0.63 |
| Mean | 0.145 |
| Median | 0.09 |
| SD | 0.123 |
| SE of Mean | 0.0183 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24523 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 5 |
| Minimum | 0.09 |
| Maximum | 0.36 |
| Mean | 0.108 |
| Median | 0.09 |
| SD | 0.0576 |
| SE of Mean | 0.00947 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24523 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 17 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 0.73 |
| Mean | 0.146 |
| Median | 0.09 |
| SD | 0.159 |
| SE of Mean | 0.0387 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24526 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 12 |
| Minimum | 0.09 |
| Maximum | 0.57 |
| Mean | 0.137 |
| Median | 0.09 |
| SD | 0.0926 |
| SE of Mean | 0.0154 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24528 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 9 |
| Minimum | 0.09 |
| Maximum | 0.28 |
| Mean | 0.118 |
| Median | 0.09 |
| SD | 0.0504 |
| SE of Mean | 0.00906 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24528 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 2 |
| Minimum | 0.14 |
| Maximum | 0.2 |
| Mean | 0.142 |
| Median | 0.14 |
| SD | 0.00961 |
| SE of Mean | 0.00154 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24529 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.72 |
| Mean | 0.131 |
| Median | 0.09 |
| SD | 0.15 |
| SE of Mean | 0.0266 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24529 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 13 |
| Minimum | 0.09 |
| Maximum | 0.59 |
| Mean | 0.279 |
| Median | 0.32 |
| SD | 0.163 |
| SE of Mean | 0.0332 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24529 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 14 |
| Minimum | 0.09 |
| Maximum | 3.72 |
| Mean | 0.327 |
| Median | 0.105 |
| SD | 0.73 |
| SE of Mean | 0.143 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24532 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 14 |
| Minimum | 0.01 |
| Maximum | 0.33 |
| Mean | 0.135 |
| Median | 0.15 |
| SD | 0.103 |
| SE of Mean | 0.0198 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24532 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 1.35 |
| Mean | 0.212 |
| Median | 0.09 |
| SD | 0.304 |
| SE of Mean | 0.0662 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24532 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 17 |
| Minimum | 0.14 |
| Maximum | 0.43 |
| Mean | 0.29 |
| Median | 0.28 |
| SD | 0.0704 |
| SE of Mean | 0.0147 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24532 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.12 |
| Mean | 0.091 |
| Median | 0.09 |
| SD | 0.00557 |
| SE of Mean | 0.00103 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24533 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 18 |
| Minimum | 0.01 |
| Maximum | 2.6 |
| Mean | 0.415 |
| Median | 0.24 |

| | |
|---|---|
| SD | 0.603 |
| SE of Mean | 0.121 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24533 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 3 |
| Minimum | 0.09 |
| Maximum | 1.1 |
| Mean | 0.131 |
| Median | 0.09 |
| SD | 0.19 |
| SE of Mean | 0.0352 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24533 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |
| Maximum | 0.42 |
| Mean | 0.112 |
| Median | 0.09 |
| SD | 0.0558 |
| SE of Mean | 0.00773 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24602 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 25 |

| | |
|---|---|
| Minimum | 0.25 |
| Maximum | 1.2 |
| Mean | 0.595 |
| Median | 0.575 |
| SD | 0.203 |
| SE of Mean | 0.0347 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24602 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.409E-17 |
| SE of Mean | 2.453E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24602 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 4.216E-17 |
| SE of Mean | 6.667E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24602 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 3 |
| Minimum | 0.01 |
| Maximum | 0.17 |
| Mean | 0.0357 |
| Median | 0.01 |
| SD | 0.0438 |
| SE of Mean | 0.00828 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24603 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 5 |
| Minimum | 0.01 |
| Maximum | 0.31 |
| Mean | 0.102 |
| Median | 0.09 |
| SD | 0.0786 |
| SE of Mean | 0.0154 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24603 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 5 |
| Minimum | 0.09 |
| Maximum | 0.2 |
| Mean | 0.0949 |
| Median | 0.09 |
| SD | 0.0195 |
| SE of Mean | 0.00278 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24603 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24603 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 6 |
| Minimum | 0.01 |
| Maximum | 0.22 |
| Mean | 0.0877 |
| Median | 0.09 |
| SD | 0.0455 |
| SE of Mean | 0.00817 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24606 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 63 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 0.33 |
| Mean | 0.0989 |
| Median | 0.09 |
| SD | 0.0346 |
| SE of Mean | 0.00436 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24607 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 15 |
| Minimum | 0.09 |
| Maximum | 0.65 |
| Mean | 0.17 |
| Median | 0.1 |
| SD | 0.124 |
| SE of Mean | 0.0223 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24608 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.814E-17 |
| SE of Mean | 4.626E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24608 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 9 |
| Minimum | 0.09 |
| Maximum | 0.27 |
| Mean | 0.143 |
| Median | 0.15 |
| SD | 0.0494 |
| SE of Mean | 0.0105 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24608 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 1 |
| Mean | 0.128 |
| Median | 0.09 |
| SD | 0.153 |
| SE of Mean | 0.0242 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24609 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 5 |
| Minimum | 0.09 |
| Maximum | 0.39 |
| Mean | 0.105 |
| Median | 0.09 |
| SD | 0.0555 |
| SE of Mean | 0.0101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24609 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 3 |
| Minimum | 0.09 |
| Maximum | 0.38 |
| Mean | 0.0997 |
| Median | 0.09 |
| SD | 0.0498 |

| | |
|---|---|
| SE of Mean | 0.00853 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24609 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.6 |
| Mean | 0.108 |
| Median | 0.09 |
| SD | 0.0825 |
| SE of Mean | 0.0123 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24612 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 17 |
| Minimum | 0.09 |
| Maximum | 3.08 |
| Mean | 0.244 |
| Median | 0.1 |
| SD | 0.419 |
| SE of Mean | 0.0587 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24612 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |

| | |
|---|---|
| Maximum | 0.77 |
| Mean | 0.149 |
| Median | 0.14 |
| SD | 0.136 |
| SE of Mean | 0.0198 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24612 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 19 |
| Minimum | 0.14 |
| Maximum | 0.51 |
| Mean | 0.272 |
| Median | 0.27 |
| SD | 0.107 |
| SE of Mean | 0.0186 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24612 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 14 |
| Minimum | 0.09 |
| Maximum | 0.61 |
| Mean | 0.142 |
| Median | 0.12 |
| SD | 0.0941 |
| SE of Mean | 0.0139 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24613 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 5.605E-17 |
| SE of Mean | 7.773E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24613 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 9 |
| Minimum | 0.09 |
| Maximum | 0.33 |
| Mean | 0.177 |
| Median | 0.09 |
| SD | 0.0978 |
| SE of Mean | 0.0157 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24613 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.2 |
| Mean | 0.0922 |
| Median | 0.09 |
| SD | 0.0154 |
| SE of Mean | 0.00216 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24613 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 10 |
| Minimum | 0.09 |
| Maximum | 0.32 |
| Mean | 0.131 |
| Median | 0.09 |
| SD | 0.0653 |
| SE of Mean | 0.0114 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24616 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 9 |
| Minimum | 0.09 |
| Maximum | 0.28 |
| Mean | 0.11 |
| Median | 0.09 |
| SD | 0.0437 |
| SE of Mean | 0.00644 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24617 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 24 |
| Minimum | 0.09 |
| Maximum | 1.02 |
| Mean | 0.383 |
| Median | 0.335 |
| SD | 0.212 |
| SE of Mean | 0.0363 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24618 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.415E-17 |
| SE of Mean | 2.776E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24618 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 5 |
| Minimum | 0.09 |
| Maximum | 0.63 |
| Mean | 0.141 |
| Median | 0.09 |
| SD | 0.135 |
| SE of Mean | 0.0254 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24618 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 10 |
| Minimum | 0.09 |
| Maximum | 0.19 |
| Mean | 0.113 |
| Median | 0.1 |
| SD | 0.0308 |
| SE of Mean | 0.00487 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24619 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24619 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |
| Maximum | 0.21 |
| Mean | 0.101 |
| Median | 0.09 |
| SD | 0.0296 |
| SE of Mean | 0.0048 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24619 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |
| Maximum | 0.32 |
| Mean | 0.106 |
| Median | 0.09 |
| SD | 0.0474 |
| SE of Mean | 0.008 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24622 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 1.03 |
| Mean | 0.108 |
| Median | 0.09 |
| SD | 0.129 |
| SE of Mean | 0.0177 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24622 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 19 |
| Minimum | 0.09 |
| Maximum | 0.61 |
| Mean | 0.302 |
| Median | 0.325 |
| SD | 0.151 |
| SE of Mean | 0.0258 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24623 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 17 |
| Minimum | 0.09 |
| Maximum | 0.57 |

| | |
|---|---|
| Mean | 0.197 |
| Median | 0.19 |
| SD | 0.096 |
| SE of Mean | 0.017 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24623 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.24 |
| Mean | 0.0942 |
| Median | 0.09 |
| SD | 0.025 |
| SE of Mean | 0.00417 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24627 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 4.207E-17 |
| SE of Mean | 6.073E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24628 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 19 |
| Minimum | 0.01 |
| Maximum | 0.78 |
| Mean | 0.099 |
| Median | 0.03 |
| SD | 0.155 |
| SE of Mean | 0.0215 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24628 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.856E-17 |
| SE of Mean | 6.732E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24629 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.1 |
| Mean | 0.0903 |
| Median | 0.09 |
| SD | 0.0016 |
| SE of Mean | 0.0002564 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24632 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 20 |
| Number of Distinct Observations | 2 |
| Minimum | 0.01 |
| Maximum | 0.09 |
| Mean | 0.078 |
| Median | 0.09 |
| SD | 0.0293 |
| SE of Mean | 0.00655 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24633 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 8 |
| Minimum | 0.14 |
| Maximum | 0.58 |
| Mean | 0.17 |
| Median | 0.14 |
| SD | 0.0901 |
| SE of Mean | 0.0142 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24700 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.3 |
| Mean | 0.0946 |
| Median | 0.09 |
| SD | 0.031 |
| SE of Mean | 0.00457 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Cadmium(0-10) (24700 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 56 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 5.601E-17 |
| SE of Mean | 7.485E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24702 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.39 |
| Mean | 0.0974 |
| Median | 0.09 |
| SD | 0.0442 |
| SE of Mean | 0.00652 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24702 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 3 |
| Minimum | 0.09 |
| Maximum | 1.72 |
| Mean | 0.157 |
| Median | 0.09 |
| SD | 0.304 |
| SE of Mean | 0.0554 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24703 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 15 |
| Minimum | 0.09 |
| Maximum | 0.66 |
| Mean | 0.194 |
| Median | 0.09 |
| SD | 0.144 |
| SE of Mean | 0.0241 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24703 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 11 |
| Minimum | 0.01 |
| Maximum | 0.65 |
| Mean | 0.117 |
| Median | 0.09 |
| SD | 0.105 |
| SE of Mean | 0.0168 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24703 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.29 |
| Mean | 0.0951 |
| Median | 0.09 |
| SD | 0.0285 |
| SE of Mean | 0.00392 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24706 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.53 |
| Mean | 0.102 |
| Median | 0.09 |
| SD | 0.0673 |
| SE of Mean | 0.0103 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24706 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.19 |
| Mean | 0.0948 |
| Median | 0.09 |
| SD | 0.0192 |
| SE of Mean | 0.00335 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24707 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |

| | |
|---|---|
| Median | 0.09 |
| SD | 2.814E-17 |
| SE of Mean | 4.626E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24708 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 12 |
| Minimum | 0.09 |
| Maximum | 0.72 |
| Mean | 0.178 |
| Median | 0.09 |
| SD | 0.162 |
| SE of Mean | 0.0266 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24709 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.814E-17 |
| SE of Mean | 4.626E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24709 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |

| | |
|---|---|
| Number of Distinct Observations | 5 |
| Minimum | 0.01 |
| Maximum | 0.15 |
| Mean | 0.0749 |
| Median | 0.09 |
| SD | 0.0363 |
| SE of Mean | 0.00554 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24709 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |
| Maximum | 0.15 |
| Mean | 0.0935 |
| Median | 0.09 |
| SD | 0.0122 |
| SE of Mean | 0.00169 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24710 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 13 |
| Minimum | 0.09 |
| Maximum | 0.52 |
| Mean | 0.14 |
| Median | 0.09 |
| SD | 0.0877 |
| SE of Mean | 0.0134 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24712 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.41E-17 |
| SE of Mean | 2.493E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24712 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.23 |
| Mean | 0.0989 |
| Median | 0.09 |
| SD | 0.0299 |
| SE of Mean | 0.00576 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24712 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.18 |
| Mean | 0.0976 |
| Median | 0.09 |
| SD | 0.0225 |
| SE of Mean | 0.00335 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24713 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 9 |
| Minimum | 0.09 |
| Maximum | 0.34 |
| Mean | 0.124 |
| Median | 0.09 |
| SD | 0.0617 |
| SE of Mean | 0.0101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24713 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 22 |
| Minimum | 0.01 |
| Maximum | 0.62 |
| Mean | 0.206 |
| Median | 0.16 |
| SD | 0.169 |
| SE of Mean | 0.0289 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24713 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 13 |
| Minimum | 0.09 |
| Maximum | 0.61 |
| Mean | 0.159 |
| Median | 0.13 |
| SD | 0.0895 |
| SE of Mean | 0.0151 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24715 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 9 |
| Minimum | 0.09 |
| Maximum | 0.47 |
| Mean | 0.128 |
| Median | 0.09 |
| SD | 0.0951 |
| SE of Mean | 0.0156 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24716 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24716 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 5 |
| Minimum | 0.09 |
| Maximum | 0.2 |
| Mean | 0.106 |
| Median | 0.09 |
| SD | 0.0342 |
| SE of Mean | 0.00883 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24717 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.813E-17 |
| SE of Mean | 4.563E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24718 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 65 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 0.19 |
| Mean | 0.0963 |
| Median | 0.09 |
| SD | 0.0164 |
| SE of Mean | 0.00204 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24718 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.28 |
| Mean | 0.0958 |
| Median | 0.09 |

| | |
|---|---|
| SD | 0.0331 |
| SE of Mean | 0.00576 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24719 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.409E-17 |
| SE of Mean | 2.453E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24719 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24719 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 4 |

| | |
|---|---|
| Minimum | 0.09 |
| Maximum | 0.17 |
| Mean | 0.0929 |
| Median | 0.09 |
| SD | 0.0129 |
| SE of Mean | 0.00192 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24722 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 13 |
| Minimum | 0.01 |
| Maximum | 0.41 |
| Mean | 0.103 |
| Median | 0.06 |
| SD | 0.113 |
| SE of Mean | 0.0193 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24722 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 0.31 |
| Mean | 0.129 |
| Median | 0.09 |
| SD | 0.0741 |
| SE of Mean | 0.0117 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24722 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.856E-17 |
| SE of Mean | 6.732E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24722 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 8 |
| Minimum | 0.01 |
| Maximum | 0.52 |
| Mean | 0.0398 |
| Median | 0.01 |
| SD | 0.0937 |
| SE of Mean | 0.0146 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24723 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.58 |
| Mean | 0.112 |
| Median | 0.09 |
| SD | 0.104 |
| SE of Mean | 0.0223 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24723 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 10 |
| Minimum | 0.09 |
| Maximum | 1.53 |
| Mean | 0.197 |
| Median | 0.09 |
| SD | 0.321 |
| SE of Mean | 0.0528 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24725 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 3 |
| Minimum | 0.01 |
| Maximum | 0.09 |
| Mean | 0.0777 |
| Median | 0.09 |
| SD | 0.0285 |
| SE of Mean | 0.00482 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24726 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 4.206E-17 |
| SE of Mean | 6.009E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24726 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 3 |
| Minimum | 0.09 |
| Maximum | 0.19 |
| Mean | 0.0932 |
| Median | 0.09 |
| SD | 0.0165 |
| SE of Mean | 0.00271 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24727 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 21 |
| Minimum | 0.09 |
| Maximum | 0.69 |
| Mean | 0.333 |
| Median | 0.32 |
| SD | 0.117 |
| SE of Mean | 0.0184 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24728 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.409E-17 |
| SE of Mean | 2.453E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24728 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 15 |
| Minimum | 0.09 |
| Maximum | 2.12 |
| Mean | 0.311 |
| Median | 0.12 |
| SD | 0.478 |
| SE of Mean | 0.0859 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24729 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 2 |
| Minimum | 0.01 |
| Maximum | 0.09 |
| Mean | 0.0786 |
| Median | 0.09 |
| SD | 0.0284 |
| SE of Mean | 0.0048 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24729 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |
| Maximum | 0.15 |
| Mean | 0.0953 |
| Median | 0.09 |
| SD | 0.0148 |

| | |
|---|---|
| SE of Mean | 0.00254 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24729 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 16 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.433E-17 |
| SE of Mean | 3.583E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24732 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.814E-17 |
| SE of Mean | 4.626E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24732 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |

| | |
|---|---|
| Maximum | 0.3 |
| Mean | 0.107 |
| Median | 0.09 |
| SD | 0.0481 |
| SE of Mean | 0.00814 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24732 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |
| Maximum | 1.16 |
| Mean | 0.172 |
| Median | 0.09 |
| SD | 0.254 |
| SE of Mean | 0.0443 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24732 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.15 |
| Mean | 0.0914 |
| Median | 0.09 |
| SD | 0.00926 |
| SE of Mean | 0.00143 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24733 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 19 |
| Minimum | 0.09 |
| Maximum | 0.44 |
| Mean | 0.197 |
| Median | 0.17 |
| SD | 0.0967 |
| SE of Mean | 0.0171 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24733 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 17 |
| Minimum | 0.11 |
| Maximum | 0.5 |
| Mean | 0.179 |
| Median | 0.16 |
| SD | 0.0723 |
| SE of Mean | 0.0117 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24733 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 18 |
| Minimum | 0.01 |
| Maximum | 0.43 |
| Mean | 0.236 |
| Median | 0.255 |
| SD | 0.114 |
| SE of Mean | 0.018 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24735 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.815E-17 |
| SE of Mean | 4.692E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24736 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.5 |
| Mean | 0.0979 |
| Median | 0.09 |
| SD | 0.0569 |
| SE of Mean | 0.00788 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24736 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 9 |
| Minimum | 0.09 |
| Maximum | 0.39 |
| Mean | 0.137 |
| Median | 0.09 |
| SD | 0.103 |
| SE of Mean | 0.0157 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24737 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.86 |
| Mean | 0.118 |
| Median | 0.09 |
| SD | 0.146 |
| SE of Mean | 0.0275 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24738 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 5 |
| Minimum | 0.01 |
| Maximum | 0.32 |
| Mean | 0.0863 |
| Median | 0.09 |
| SD | 0.0432 |
| SE of Mean | 0.00605 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24738 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 8 |
| Minimum | 0.09 |
| Maximum | 0.57 |
| Mean | 0.151 |
| Median | 0.09 |
| SD | 0.121 |
| SE of Mean | 0.0214 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24739 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |
| Maximum | 0.61 |
| Mean | 0.14 |
| Median | 0.09 |
| SD | 0.138 |
| SE of Mean | 0.0216 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24739 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 17 |
| Minimum | 0.09 |
| Maximum | 0.57 |
| Mean | 0.258 |
| Median | 0.26 |
| SD | 0.104 |
| SE of Mean | 0.0159 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24739 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 0.55 |
| Mean | 0.118 |
| Median | 0.09 |
| SD | 0.0905 |
| SE of Mean | 0.014 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24740 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 6.994E-17 |
| SE of Mean | 8.742E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24741 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.14 |
| Mean | 0.0942 |
| Median | 0.09 |
| SD | 0.0144 |
| SE of Mean | 0.00417 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24743 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 20 |
| Minimum | 0.01 |
| Maximum | 0.44 |

| | |
|---|---|
| Mean | 0.192 |
| Median | 0.24 |
| SD | 0.116 |
| SE of Mean | 0.018 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24744 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.14 |
| Mean | 0.092 |
| Median | 0.09 |
| SD | 0.01 |
| SE of Mean | 0.002 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24748 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.835E-17 |
| SE of Mean | 5.787E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24749 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.34 |
| Mean | 0.1 |
| Median | 0.09 |
| SD | 0.0423 |
| SE of Mean | 0.00645 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24752 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.39 |
| Mean | 0.0987 |
| Median | 0.09 |
| SD | 0.0454 |
| SE of Mean | 0.00677 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24802 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 5 |
| Minimum | 0.09 |
| Maximum | 0.41 |
| Mean | 0.106 |
| Median | 0.09 |
| SD | 0.0612 |
| SE of Mean | 0.00893 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24803 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 0.39 |
| Mean | 0.104 |
| Median | 0.09 |
| SD | 0.056 |
| SE of Mean | 0.00991 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24803 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.11 |
| Mean | 0.0911 |
| Median | 0.09 |
| SD | 0.00471 |
| SE of Mean | 0.00111 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24809 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 4 |
| Minimum | 0.09 |
| Maximum | 9.02 |
| Mean | 0.43 |
| Median | 0.09 |
| SD | 1.717 |
| SE of Mean | 0.33 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.037 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.75

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Cadmium(0-10) (24809 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.13 |
| Mean | 0.0911 |
| Median | 0.09 |
| SD | 0.00667 |
| SE of Mean | 0.00111 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24812 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 3 |
| Minimum | 0.09 |
| Maximum | 0.28 |
| Mean | 0.108 |
| Median | 0.09 |
| SD | 0.0551 |
| SE of Mean | 0.0102 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cadmium(0-10) (24813 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.436E-17 |
| SE of Mean | 3.709E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24815 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 9 |
| Minimum | 0.01 |
| Maximum | 0.93 |
| Mean | 0.14 |
| Median | 0.09 |
| SD | 0.175 |
| SE of Mean | 0.0319 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24818 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.817E-17 |
| SE of Mean | 4.832E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24819 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.63 |
| Mean | 0.106 |
| Median | 0.09 |
| SD | 0.0926 |
| SE of Mean | 0.0159 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24822 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 3 |
| Minimum | 0.09 |
| Maximum | 0.31 |
| Mean | 0.0958 |
| Median | 0.09 |
| SD | 0.0338 |
| SE of Mean | 0.00515 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24823 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 5 |
| Minimum | 0.09 |
| Maximum | 0.26 |
| Mean | 0.099 |
| Median | 0.09 |
| SD | 0.0342 |
| SE of Mean | 0.00547 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24825 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 98 |
| Number of Distinct Observations | 20 |
| Minimum | 0.01 |
| Maximum | 0.82 |
| Mean | 0.128 |

| | |
|---|---|
| Median | 0.1 |
| SD | 0.0992 |
| SE of Mean | 0.01 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24828 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 14 |
| Minimum | 0.1 |
| Maximum | 0.58 |
| Mean | 0.174 |
| Median | 0.145 |
| SD | 0.0945 |
| SE of Mean | 0.0158 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24829 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 4.207E-17 |
| SE of Mean | 6.073E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (24832 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |

| | |
|---|---|
| Number of Distinct Observations | 8 |
| Minimum | 0.09 |
| Maximum | 0.4 |
| Mean | 0.11 |
| Median | 0.09 |
| SD | 0.0565 |
| SE of Mean | 0.00916 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24833 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.34 |
| Mean | 0.0958 |
| Median | 0.09 |
| SD | 0.0381 |
| SE of Mean | 0.00581 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24838 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 3 |
| Minimum | 0.01 |
| Maximum | 0.11 |
| Mean | 0.0736 |
| Median | 0.09 |
| SD | 0.034 |
| SE of Mean | 0.00643 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24904 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 74 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 8.384E-17 |
| SE of Mean | 9.746E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (24912 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 2 |
| Minimum | 0.01 |
| Maximum | 0.09 |
| Mean | 0.0767 |
| Median | 0.09 |
| SD | 0.0302 |
| SE of Mean | 0.00504 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (301 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 2 |
| Minimum | 0.09 |
| Maximum | 0.15 |
| Mean | 0.0921 |
| Median | 0.09 |
| SD | 0.0111 |
| SE of Mean | 0.00207 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (305 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 54 |
| Number of Distinct Observations | 10 |
| Minimum | 0.09 |
| Maximum | 1.39 |
| Mean | 0.146 |
| Median | 0.09 |
| SD | 0.193 |
| SE of Mean | 0.0263 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (311 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 71 |
| Number of Distinct Observations | 26 |
| Minimum | 0.09 |
| Maximum | 3.76 |
| Mean | 0.297 |
| Median | 0.14 |
| SD | 0.568 |
| SE of Mean | 0.0674 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (317 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 24 |
| Minimum | 0.09 |
| Maximum | 0.43 |
| Mean | 0.177 |
| Median | 0.15 |
| SD | 0.0812 |
| SE of Mean | 0.0107 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (321 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 16 |
| Minimum | 0.09 |
| Maximum | 1 |
| Mean | 0.175 |
| Median | 0.13 |
| SD | 0.154 |
| SE of Mean | 0.0244 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (327 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.449E-17 |
| SE of Mean | 4.184E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (331 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 11 |
| Minimum | 0.09 |
| Maximum | 1.12 |
| Mean | 0.184 |
| Median | 0.11 |
| SD | 0.206 |
| SE of Mean | 0.0389 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (337 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 18 |
| Minimum | 0.09 |
| Maximum | 1.18 |
| Mean | 0.31 |
| Median | 0.29 |
| SD | 0.184 |
| SE of Mean | 0.0315 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (341 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 4.207E-17 |
| SE of Mean | 6.073E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (344 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 5 |
| Minimum | 0.09 |
| Maximum | 0.78 |
| Mean | 0.128 |
| Median | 0.09 |

| | |
|---|---|
| SD | 0.13 |
| SE of Mean | 0.0219 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (345 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 93 |
| Number of Distinct Observations | 46 |
| Minimum | 0.01 |
| Maximum | 1.93 |
| Mean | 0.671 |
| Median | 0.19 |
| SD | 0.64 |
| SE of Mean | 0.0664 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (347 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.41E-17 |
| SE of Mean | 2.493E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (348 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 4 |

| | |
|---|---|
| Minimum | 0.09 |
| Maximum | 0.18 |
| Mean | 0.0929 |
| Median | 0.09 |
| SD | 0.0134 |
| SE of Mean | 0.00191 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (348 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 10 |
| Minimum | 0.09 |
| Maximum | 0.22 |
| Mean | 0.102 |
| Median | 0.09 |
| SD | 0.0277 |
| SE of Mean | 0.00387 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (351 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 6 |
| Minimum | 0.01 |
| Maximum | 0.4 |
| Mean | 0.0897 |
| Median | 0.09 |
| SD | 0.0689 |
| SE of Mean | 0.0122 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (352 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 6 |
| Minimum | 0.01 |
| Maximum | 0.47 |
| Mean | 0.0922 |
| Median | 0.09 |
| SD | 0.0796 |
| SE of Mean | 0.0141 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (353 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.41E-17 |
| SE of Mean | 2.493E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (354 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 9 |
| Minimum | 0.09 |
| Maximum | 0.79 |
| Mean | 0.134 |
| Median | 0.09 |
| SD | 0.133 |
| SE of Mean | 0.0214 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (357 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 4.216E-17 |
| SE of Mean | 6.667E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (357 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.835E-17 |
| SE of Mean | 5.787E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (358 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 3 |
| Minimum | 0.09 |
| Maximum | 0.2 |
| Mean | 0.0944 |
| Median | 0.09 |
| SD | 0.0205 |
| SE of Mean | 0.00313 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (360 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 15 |
| Minimum | 0.16 |
| Maximum | 0.74 |
| Mean | 0.288 |
| Median | 0.27 |
| SD | 0.0796 |
| SE of Mean | 0.0115 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (361 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 2 |
| Minimum | 0.01 |
| Maximum | 0.09 |
| Mean | 0.0691 |
| Median | 0.09 |
| SD | 0.0359 |
| SE of Mean | 0.00749 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (362 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 2.833E-17 |
| SE of Mean | 5.666E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (363 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 11 |
| Minimum | 0.09 |
| Maximum | 2.89 |
| Mean | 0.357 |
| Median | 0.09 |
| SD | 0.584 |
| SE of Mean | 0.112 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (364 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 11 |
| Minimum | 0.09 |
| Maximum | 0.37 |
| Mean | 0.127 |
| Median | 0.09 |
| SD | 0.0693 |
| SE of Mean | 0.01 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (367 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 0 |

| | |
|---|---|
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (367 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 11 |
| Minimum | 0.09 |
| Maximum | 0.32 |
| Mean | 0.121 |
| Median | 0.09 |
| SD | 0.0474 |
| SE of Mean | 0.00699 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (368 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 55 |
| Number of Distinct Observations | 7 |
| Minimum | 0.09 |
| Maximum | 0.33 |
| Mean | 0.0995 |
| Median | 0.09 |
| SD | 0.0364 |
| SE of Mean | 0.00491 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (373 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 10 |
| Minimum | 0.09 |

| | |
|---|---|
| Maximum | 0.56 |
| Mean | 0.181 |
| Median | 0.09 |
| SD | 0.144 |
| SE of Mean | 0.0222 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (374 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 120 |
| Number of Distinct Observations | 15 |
| Minimum | 0.09 |
| Maximum | 1.88 |
| Mean | 0.128 |
| Median | 0.09 |
| SD | 0.184 |
| SE of Mean | 0.0168 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.304 |
| Critical Value (0.05) | 1.645 |
| P-Value | 0.0106 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value < Alpha (0.05)

**Cadmium(0-10) (374 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 6 |
| Minimum | 0.09 |
| Maximum | 0.33 |
| Mean | 0.112 |
| Median | 0.09 |
| SD | 0.0634 |
| SE of Mean | 0.0122 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (377 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 8 |
| Minimum | 0.09 |
| Maximum | 0.47 |
| Mean | 0.118 |
| Median | 0.09 |
| SD | 0.0749 |
| SE of Mean | 0.0132 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (377 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.409E-17 |
| SE of Mean | 2.453E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (378 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 5 |
| Minimum | 0.09 |
| Maximum | 0.27 |
| Mean | 0.098 |
| Median | 0.09 |
| SD | 0.0308 |
| SE of Mean | 0.00482 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (383 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.09 |
| Maximum | 0.09 |
| Mean | 0.09 |
| Median | 0.09 |
| SD | 1.41E-17 |
| SE of Mean | 2.493E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (402 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 8 |
| Minimum | 0.09 |
| Maximum | 0.53 |
| Mean | 0.12 |
| Median | 0.09 |
| SD | 0.083 |
| SE of Mean | 0.0147 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cadmium(0-10) (408 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 8 |
| Minimum | 0.09 |
| Maximum | 1.34 |
| Mean | 0.208 |
| Median | 0.09 |
| SD | 0.279 |
| SE of Mean | 0.057 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cadmium(0-10) (412 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 77 |
| Number of Distinct Observations | 14 |
| Minimum | 0.01 |
| Maximum | 0.29 |
| Mean | 0.101 |
| Median | 0.09 |
| SD | 0.0496 |
| SE of Mean | 0.00565 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24401 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 7.51 |
| Maximum | 16 |
| Mean | 11.25 |
| Median | 10.9 |
| SD | 2.138 |
| SE of Mean | 0.372 |
| Number of Exceedances | 15 |
| Sample Proportion of Exceedances | 0.455 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.336E-11 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24402 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 42 |
| Minimum | 7.29 |
| Maximum | 14 |
| Mean | 9.713 |
| Median | 9.755 |
| SD | 1.316 |
| SE of Mean | 0.19 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.167 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00245 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24402 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 127 |
| Number of Distinct Observations | 87 |
| Minimum | 2.58 |
| Maximum | 16.5 |
| Mean | 10.96 |
| Median | 11.4 |
| SD | 2.776 |
| SE of Mean | 0.246 |
| Number of Exceedances | 71 |
| Sample Proportion of Exceedances | 0.559 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | 26.12 |
| Critical Value (0.05) | 1.645 |

| | |
|---|---|
| P-Value | 0 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**

**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24402 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 33 |
| Minimum | 7.47 |
| Maximum | 18.4 |
| Mean | 10.53 |
| Median | 10.1 |
| SD | 2.18 |
| SE of Mean | 0.345 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.325 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.088E-08 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24403 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 40 |
| Minimum | 7.29 |
| Maximum | 19 |
| Mean | 10.25 |
| Median | 9.805 |
| SD | 2.372 |
| SE of Mean | 0.35 |
| Number of Exceedances | 12 |
| Sample Proportion of Exceedances | 0.261 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.921E-06 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24403 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 62 |
| Number of Distinct Observations | 50 |
| Minimum | 5.24 |
| Maximum | 17.3 |
| Mean | 10.07 |
| Median | 9.925 |
| SD | 1.759 |
| SE of Mean | 0.223 |
| Number of Exceedances | 13 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0.21 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.003E-05 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24405 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 24 |
| Minimum | 7.39 |
| Maximum | 16.5 |
| Mean | 11.36 |
| Median | 10.8 |
| SD | 2.561 |
| SE of Mean | 0.512 |
| Number of Exceedances | 12 |
| Sample Proportion of Exceedances | 0.48 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 6.877E-10 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24406 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 33 |
| Minimum | 6.29 |
| Maximum | 15 |
| Mean | 10.34 |
| Median | 10.3 |
| SD | 2.025 |
| SE of Mean | 0.32 |
| Number of Exceedances | 14 |
| Sample Proportion of Exceedances | 0.35 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.103E-09 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24406 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 7.26 |
| Maximum | 14.1 |
| Mean | 9.709 |

| | |
|---|---|
| Median | 9.305 |
| SD | 1.745 |
| SE of Mean | 0.33 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.214 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00227 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24406 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 22 |
| Minimum | 4.93 |
| Maximum | 15.8 |
| Mean | 9.741 |
| Median | 10.2 |
| SD | 2.729 |
| SE of Mean | 0.569 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.304 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 9.401E-05 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24406 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 24 |
| Minimum | 6.51 |
| Maximum | 12 |
| Mean | 9.219 |
| Median | 9.21 |
| SD | 1.238 |
| SE of Mean | 0.243 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.115 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.139 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24409 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |

| | |
|---|---|
| Number of Distinct Observations | 22 |
| Minimum | 6.49 |
| Maximum | 10.8 |
| Mean | 8.915 |
| Median | 9.135 |
| SD | 1.19 |
| SE of Mean | 0.243 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24409 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 28 |
| Minimum | 6.67 |
| Maximum | 12.6 |
| Mean | 9.54 |
| Median | 9.45 |
| SD | 1.491 |
| SE of Mean | 0.259 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.182 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00539 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24410 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 3.82 |
| Maximum | 16.5 |
| Mean | 8.864 |
| Median | 8.96 |
| SD | 2.759 |
| SE of Mean | 0.48 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.182 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00539 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24411 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 69 |
| Number of Distinct Observations | 46 |
| Minimum | 5.72 |
| Maximum | 15.1 |
| Mean | 10.83 |
| Median | 11 |
| SD | 1.761 |
| SE of Mean | 0.212 |
| Number of Exceedances | 35 |
| Sample Proportion of Exceedances | 0.507 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 3.003E-27

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24411 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 6.46 |
| Maximum | 14.8 |
| Mean | 10.29 |
| Median | 9.8 |
| SD | 2.027 |
| SE of Mean | 0.333 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.351 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1.394E-08

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24412 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 28 |
| Minimum | 7.8 |
| Maximum | 31.3 |
| Mean | 12.01 |
| Median | 11.3 |
| SD | 4.148 |
| SE of Mean | 0.745 |
| Number of Exceedances | 17 |
| Sample Proportion of Exceedances | 0.548 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1.029E-14

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24412 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 61 |
| Number of Distinct Observations | 47 |
| Minimum | 6.85 |
| Maximum | 13.9 |
| Mean | 9.536 |
| Median | 9.2 |
| SD | 1.737 |
| SE of Mean | 0.222 |
| Number of Exceedances | 16 |
| Sample Proportion of Exceedances | 0.262 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 3.568E-08 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24413 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 7.32 |
| Maximum | 11.7 |
| Mean | 8.878 |
| Median | 8.685 |
| SD | 1.221 |
| SE of Mean | 0.249 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0417 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.708 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24413 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 5.19 |
| Maximum | 13.5 |
| Mean | 8.782 |
| Median | 8.585 |
| SD | 2.023 |
| SE of Mean | 0.382 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.143 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0491 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24416 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 41 |
| Minimum | 5.38 |
| Maximum | 21.5 |
| Mean | 10.31 |
| Median | 9.915 |
| SD | 2.962 |
| SE of Mean | 0.419 |
| Number of Exceedances | 16 |
| Sample Proportion of Exceedances | 0.32 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.466E-09 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24416 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 18 |
| Minimum | 6.5 |
| Maximum | 10.8 |
| Mean | 9.17 |
| Median | 9.8 |
| SD | 1.39 |
| SE of Mean | 0.303 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24416 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 4.41 |
| Maximum | 12.2 |
| Mean | 8.582 |
| Median | 8.38 |
| SD | 2.154 |
| SE of Mean | 0.375 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.212 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00106 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24416 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 38 |
| Minimum | 6.2 |
| Maximum | 13.5 |
| Mean | 9.274 |
| Median | 9.115 |
| SD | 1.566 |
| SE of Mean | 0.242 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.0952 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.157 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24417 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 8 |
| Number of Distinct Observations | 7 |
| Minimum | 9.75 |
| Maximum | 13.9 |
| Mean | 11.46 |
| Median | 11.45 |
| SD | 1.34 |
| SE of Mean | 0.474 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.625 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.541E-05 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24417 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 43 |
| Minimum | 4.63 |
| Maximum | 13.6 |
| Mean | 9.306 |
| Median | 9.22 |

| | |
|---|---|
| SD | 1.816 |
| SE of Mean | 0.265 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.191 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0004707 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24419 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 28 |
| Minimum | 6.54 |
| Maximum | 11.2 |
| Mean | 8.927 |
| Median | 8.805 |
| SD | 1.215 |
| SE of Mean | 0.215 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0625 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.48 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24419 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 5.84 |
| Maximum | 14.4 |
| Mean | 8.411 |
| Median | 8.275 |
| SD | 1.876 |
| SE of Mean | 0.332 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0938 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.214 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24420 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |

| | |
|---|---|
| Minimum | 2.68 |
| Maximum | 11.5 |
| Mean | 7.664 |
| Median | 7.68 |
| SD | 1.936 |
| SE of Mean | 0.337 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24421 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 5.13 |
| Maximum | 13.5 |
| Mean | 8.757 |
| Median | 8.385 |
| SD | 1.956 |
| SE of Mean | 0.357 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.133 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0608 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24422 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 5 |
| Maximum | 14.1 |
| Mean | 8.791 |
| Median | 8.67 |
| SD | 1.723 |
| SE of Mean | 0.263 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.093 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.167 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24422 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 6.96 |
| Maximum | 11.4 |
| Mean | 9.235 |
| Median | 9.35 |
| SD | 1.228 |
| SE of Mean | 0.205 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0833 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.268

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24422 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 26 |
| Minimum | 6.73 |
| Maximum | 11 |
| Mean | 9.209 |
| Median | 9.16 |
| SD | 1.121 |
| SE of Mean | 0.208 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0345 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.774

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24423 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 13 |
| Minimum | 8.43 |
| Maximum | 14.7 |
| Mean | 10.94 |
| Median | 10.7 |
| SD | 1.679 |
| SE of Mean | 0.466 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.462 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1.975E-05

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24423 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 31 |
| Minimum | 6.3 |
| Maximum | 12.8 |
| Mean | 9.087 |
| Median | 8.94 |
| SD | 1.605 |
| SE of Mean | 0.264 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0811 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.282

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24423 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 5.53 |
| Maximum | 13.5 |
| Mean | 8.318 |
| Median | 8.165 |
| SD | 1.794 |
| SE of Mean | 0.284 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.125 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.048

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24426 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 22 |
| Minimum | 5.68 |
| Maximum | 12.4 |
| Mean | 8.758 |
| Median | 8.71 |
| SD | 1.603 |
| SE of Mean | 0.327 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0833 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.339

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24426 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 5.9 |
| Maximum | 12.2 |
| Mean | 9.204 |
| Median | 9.08 |
| SD | 1.652 |
| SE of Mean | 0.302 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.167 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0156 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Cobalt(0-10) (24426 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 2.7 |
| Maximum | 14.2 |
| Mean | 8.907 |
| Median | 9.15 |
| SD | 2.776 |
| SE of Mean | 0.507 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.267 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 8.465E-05 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Cobalt(0-10) (24426 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 45 |
| Minimum | 5.68 |
| Maximum | 15.3 |
| Mean | 9.289 |
| Median | 9.06 |
| SD | 1.915 |
| SE of Mean | 0.274 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.184 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0006485 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24427 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 22 |
| Minimum | 7.02 |
| Maximum | 15.5 |
| Mean | 12.36 |
| Median | 13.1 |
| SD | 2.314 |
| SE of Mean | 0.463 |
| Number of Exceedances | 19 |
| Sample Proportion of Exceedances | 0.76 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 2.523E-20 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24427 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 36 |
| Minimum | 6.23 |
| Maximum | 13.8 |
| Mean | 9.381 |
| Median | 9.51 |
| SD | 1.612 |
| SE of Mean | 0.262 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.158 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0109 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24429 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 19 |
| Number of Distinct Observations | 17 |
| Minimum | 7.38 |
| Maximum | 11.3 |
| Mean | 9.208 |
| Median | 9.03 |
| SD | 1.079 |

| | |
|---|---|
| SE of Mean | 0.247 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0526 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.623 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24429 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 5.14 |
| Maximum | 11.5 |
| Mean | 8.237 |
| Median | 8.16 |
| SD | 1.386 |
| SE of Mean | 0.257 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.069 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.429 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24430 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 2.37 |
| Maximum | 12.1 |
| Mean | 7.701 |
| Median | 8.315 |
| SD | 2.47 |
| SE of Mean | 0.451 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0667 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.446 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24431 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 27 |
| Minimum | 6.8 |

| | |
|---|---|
| Maximum | 12.7 |
| Mean | 10.02 |
| Median | 9.91 |
| SD | 1.422 |
| SE of Mean | 0.24 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.229 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0002721 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24432 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 67 |
| Number of Distinct Observations | 60 |
| Minimum | 6.36 |
| Maximum | 13.6 |
| Mean | 9.214 |
| Median | 9.12 |
| SD | 1.464 |
| SE of Mean | 0.179 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.0896 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.118 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24433 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 23 |
| Minimum | 7.04 |
| Maximum | 16.5 |
| Mean | 12.13 |
| Median | 11.7 |
| SD | 2.204 |
| SE of Mean | 0.424 |
| Number of Exceedances | 18 |
| Sample Proportion of Exceedances | 0.667 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.156E-17 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24436 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 1.84 |
| Maximum | 11.7 |
| Mean | 7.019 |
| Median | 7.27 |
| SD | 2.411 |
| SE of Mean | 0.408 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.834

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24502 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 47 |
| Minimum | 5.7 |
| Maximum | 13 |
| Mean | 9.274 |
| Median | 9.29 |
| SD | 1.772 |
| SE of Mean | 0.248 |
| Number of Exceedances | 11 |
| Sample Proportion of Exceedances | 0.216 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 3.609E-05

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24502 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 53 |
| Minimum | 4.33 |
| Maximum | 11.7 |
| Mean | 7.525 |
| Median | 7.415 |
| SD | 1.512 |
| SE of Mean | 0.199 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0345 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.793

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24502 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 46 |
| Minimum | 1.27 |
| Maximum | 12.7 |
| Mean | 7.15 |
| Median | 7.42 |
| SD | 2.371 |
| SE of Mean | 0.342 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0208 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.915

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24502 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 44 |
| Number of Distinct Observations | 42 |
| Minimum | 5.86 |
| Maximum | 12.3 |
| Mean | 8.278 |
| Median | 8.015 |
| SD | 1.291 |
| SE of Mean | 0.195 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0227 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.895

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24503 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 22 |
| Minimum | 9.36 |
| Maximum | 24.9 |
| Mean | 12.66 |
| Median | 11.7 |
| SD | 3.494 |
| SE of Mean | 0.649 |
| Number of Exceedances | 20 |
| Sample Proportion of Exceedances | 0.69 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 6.158E-20

**Conclusion with Alpha = 0.05**

Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Cobalt(0-10) (24503 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 60 |
| Number of Distinct Observations | 50 |
| Minimum | 2.58 |
| Maximum | 14.5 |
| Mean | 9.3 |
| Median | 9.395 |
| SD | 1.589 |
| SE of Mean | 0.205 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.0667 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.353

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24503 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 25 |
| Minimum | 4.4 |
| Maximum | 11.9 |
| Mean | 9.228 |
| Median | 9.395 |
| SD | 1.737 |
| SE of Mean | 0.328 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.107 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.163

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24503 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 4.9 |
| Maximum | 13.5 |
| Mean | 8.324 |
| Median | 8.085 |
| SD | 1.836 |
| SE of Mean | 0.315 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0588 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.512 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24506 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 5.35 |
| Maximum | 17.1 |
| Mean | 9.615 |
| Median | 9.455 |
| SD | 2.119 |
| SE of Mean | 0.353 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.167 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00834 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24507 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 28 |
| Minimum | 9.43 |
| Maximum | 17.5 |
| Mean | 13.2 |
| Median | 13.15 |
| SD | 1.86 |
| SE of Mean | 0.31 |
| Number of Exceedances | 33 |
| Sample Proportion of Exceedances | 0.917 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 7.16E-40 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24508 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 5.93 |
| Maximum | 11.5 |
| Mean | 8.675 |
| Median | 8.605 |
| SD | 1.263 |
| SE of Mean | 0.2 |

| | |
|---|---|
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.05 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.601 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24508 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 1.98 |
| Maximum | 12 |
| Mean | 7.505 |
| Median | 8.22 |
| SD | 2.971 |
| SE of Mean | 0.606 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.125 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.116 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24508 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 37 |
| Minimum | 6.59 |
| Maximum | 11.7 |
| Mean | 9.003 |
| Median | 8.76 |
| SD | 1.523 |
| SE of Mean | 0.244 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.179 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00292 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24509 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 28 |
| Minimum | 3.24 |
| Maximum | 11.3 |

| | |
|---|---|
| Mean | 8.098 |
| Median | 7.86 |
| SD | 1.649 |
| SE of Mean | 0.296 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0323 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.796 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24509 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 43 |
| Minimum | 6.01 |
| Maximum | 11.7 |
| Mean | 8.519 |
| Median | 8.35 |
| SD | 1.298 |
| SE of Mean | 0.189 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0213 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.91 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24509 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 6.08 |
| Maximum | 11.6 |
| Mean | 8.395 |
| Median | 8.27 |
| SD | 1.39 |
| SE of Mean | 0.229 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.558 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24512 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 39 |
| Minimum | 7.49 |
| Maximum | 16.9 |
| Mean | 10.3 |
| Median | 10.25 |
| SD | 2.004 |
| SE of Mean | 0.289 |
| Number of Exceedances | 17 |
| Sample Proportion of Exceedances | 0.354 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 7.255E-11 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24512 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 32 |
| Minimum | 6.64 |
| Maximum | 15.2 |
| Mean | 9.001 |
| Median | 8.625 |
| SD | 1.67 |
| SE of Mean | 0.278 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.111 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.104 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24512 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 1.89 |
| Maximum | 10.9 |
| Mean | 6.515 |
| Median | 7.24 |
| SD | 2.909 |
| SE of Mean | 0.55 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24512 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 41 |
| Minimum | 5.14 |
| Maximum | 12.2 |
| Mean | 8.452 |
| Median | 8.54 |
| SD | 1.453 |
| SE of Mean | 0.214 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0217 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.906 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24513 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 31 |
| Minimum | 5.83 |
| Maximum | 16.4 |
| Mean | 9.219 |
| Median | 9.41 |
| SD | 1.945 |
| SE of Mean | 0.32 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.558 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24513 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 49 |
| Minimum | 4.82 |
| Maximum | 10.3 |
| Mean | 7.64 |
| Median | 7.47 |
| SD | 1.299 |
| SE of Mean | 0.182 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Cobalt(0-10) (24513 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 5.96 |
| Maximum | 12.6 |
| Mean | 8.614 |
| Median | 8.36 |
| SD | 1.81 |
| SE of Mean | 0.331 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.133 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.0608

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24516 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 26 |
| Minimum | 6.46 |
| Maximum | 11.6 |
| Mean | 9.017 |
| Median | 9.13 |
| SD | 1.433 |
| SE of Mean | 0.262 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.785

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24517 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 9.82 |
| Maximum | 18.4 |
| Mean | 11.97 |
| Median | 11.15 |
| SD | 2.336 |
| SE of Mean | 0.674 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.667 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1.612E-08 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24518 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 43 |
| Minimum | 6.25 |
| Maximum | 16.3 |
| Mean | 8.784 |
| Median | 8.35 |
| SD | 1.962 |
| SE of Mean | 0.292 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.133 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0239 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24518 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 1.3 |
| Maximum | 11.2 |
| Mean | 6.54 |
| Median | 7.745 |
| SD | 2.893 |
| SE of Mean | 0.446 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0238 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.884 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24518 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 6.04 |
| Maximum | 10.7 |
| Mean | 8.314 |
| Median | 8.59 |
| SD | 1.397 |
| SE of Mean | 0.255 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24519 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 6.95 |
| Maximum | 11.3 |
| Mean | 8.877 |
| Median | 8.83 |
| SD | 1.231 |
| SE of Mean | 0.208 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0857 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.254 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24519 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 2.46 |
| Maximum | 11.9 |
| Mean | 7.73 |
| Median | 8.045 |
| SD | 1.965 |
| SE of Mean | 0.359 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.785 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24522 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 23 |
| Minimum | 4.99 |
| Maximum | 18.6 |
| Mean | 11.28 |

| | |
|---|---|
| Median | 11.6 |
| SD | 2.719 |
| SE of Mean | 0.523 |
| Number of Exceedances | 17 |
| Sample Proportion of Exceedances | 0.63 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 3.969E-16 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24522 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 23 |
| Minimum | 6.44 |
| Maximum | 11.3 |
| Mean | 9.175 |
| Median | 9.015 |
| SD | 1.441 |
| SE of Mean | 0.272 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.179 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0117 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24522 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 1.19 |
| Maximum | 10.6 |
| Mean | 6.35 |
| Median | 6.99 |
| SD | 2.918 |
| SE of Mean | 0.486 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24522 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |

| | |
|---|---|
| Number of Distinct Observations | 35 |
| Minimum | 1.56 |
| Maximum | 14 |
| Mean | 7.713 |
| Median | 7.81 |
| SD | 2.373 |
| SE of Mean | 0.401 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0571 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.528 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24523 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 35 |
| Minimum | 5.02 |
| Maximum | 15.7 |
| Mean | 10.37 |
| Median | 10.9 |
| SD | 2.158 |
| SE of Mean | 0.322 |
| Number of Exceedances | 22 |
| Sample Proportion of Exceedances | 0.489 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 3.183E-17 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24523 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 7.09 |
| Maximum | 13.6 |
| Mean | 9.519 |
| Median | 9.18 |
| SD | 1.663 |
| SE of Mean | 0.273 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.135 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0359 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24523 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 17 |
| Number of Distinct Observations | 16 |
| Minimum | 6.01 |
| Maximum | 10.7 |
| Mean | 7.899 |
| Median | 7.74 |
| SD | 1.147 |
| SE of Mean | 0.278 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24526 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 28 |
| Minimum | 5.26 |
| Maximum | 16 |
| Mean | 10.56 |
| Median | 10.9 |
| SD | 2.353 |
| SE of Mean | 0.392 |
| Number of Exceedances | 17 |
| Sample Proportion of Exceedances | 0.472 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 2.62E-13

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24528 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 2.4 |
| Maximum | 17.6 |
| Mean | 6.85 |
| Median | 6.44 |
| SD | 2.888 |
| SE of Mean | 0.519 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0323 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.796

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24528 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 38 |
| Minimum | 1.6 |
| Maximum | 15.7 |
| Mean | 6.17 |
| Median | 6.58 |
| SD | 2.483 |
| SE of Mean | 0.398 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0256 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.865 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24529 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 5.97 |
| Maximum | 16.2 |
| Mean | 8.665 |
| Median | 8.23 |
| SD | 2.065 |
| SE of Mean | 0.365 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0938 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.214 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24529 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 1.2 |
| Maximum | 9.54 |
| Mean | 6.535 |
| Median | 6.755 |
| SD | 2.463 |
| SE of Mean | 0.503 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24529 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 26 |
| Minimum | 2.13 |
| Maximum | 11.2 |
| Mean | 7.319 |
| Median | 7.815 |
| SD | 2.285 |
| SE of Mean | 0.448 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0385 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.736 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24532 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 23 |
| Minimum | 4.72 |
| Maximum | 18.3 |
| Mean | 10.59 |
| Median | 10.9 |
| SD | 2.872 |
| SE of Mean | 0.553 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.481 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.26E-10 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24532 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 21 |
| Minimum | 3.13 |
| Maximum | 14.9 |
| Mean | 6.856 |
| Median | 6.03 |
| SD | 3.08 |
| SE of Mean | 0.672 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.143 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0849 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24532 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 21 |
| Minimum | 2.68 |
| Maximum | 7.63 |
| Mean | 6.083 |
| Median | 6.45 |
| SD | 1.176 |
| SE of Mean | 0.245 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24532 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 1.98 |
| Maximum | 11.5 |
| Mean | 7.198 |
| Median | 7.5 |
| SD | 2.734 |
| SE of Mean | 0.508 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0345 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.774 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24533 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 24 |
| Minimum | 7.05 |
| Maximum | 16.4 |
| Mean | 10.54 |
| Median | 10.3 |

| | |
|---|---|
| SD | 1.989 |
| SE of Mean | 0.398 |
| Number of Exceedances | 10 |
| Sample Proportion of Exceedances | 0.4 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.592E-07 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24533 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 1.69 |
| Maximum | 10.3 |
| Mean | 6.412 |
| Median | 6.61 |
| SD | 2.082 |
| SE of Mean | 0.387 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24533 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 51 |
| Minimum | 1.91 |
| Maximum | 11.8 |
| Mean | 6.827 |
| Median | 7.22 |
| SD | 2.468 |
| SE of Mean | 0.342 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0192 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.931 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24602 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 30 |

| | |
|---|---|
| Minimum | 5.62 |
| Maximum | 16.4 |
| Mean | 9.792 |
| Median | 9.755 |
| SD | 2.18 |
| SE of Mean | 0.374 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.265 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 3.263E-05 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24602 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 3.55 |
| Maximum | 11.9 |
| Mean | 6.995 |
| Median | 6.81 |
| SD | 2.05 |
| SE of Mean | 0.357 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0606 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.496 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24602 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 1.49 |
| Maximum | 8.81 |
| Mean | 6.256 |
| Median | 6.41 |
| SD | 1.408 |
| SE of Mean | 0.223 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24602 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 2.62 |
| Maximum | 11.8 |
| Mean | 7.345 |
| Median | 7.165 |
| SD | 2.425 |
| SE of Mean | 0.458 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0714 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.412

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24603 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 25 |
| Minimum | 7.32 |
| Maximum | 15.7 |
| Mean | 10.8 |
| Median | 11.25 |
| SD | 2.117 |
| SE of Mean | 0.415 |
| Number of Exceedances | 15 |
| Sample Proportion of Exceedances | 0.577 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1.391E-13

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24603 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 47 |
| Minimum | 2.52 |
| Maximum | 12.6 |
| Mean | 7.407 |
| Median | 7.42 |
| SD | 2.199 |
| SE of Mean | 0.314 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0408 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.71

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24603 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 4.55 |
| Maximum | 12.8 |
| Mean | 6.895 |
| Median | 6.72 |
| SD | 1.68 |
| SE of Mean | 0.307 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.785 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24603 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 2.6 |
| Maximum | 13.3 |
| Mean | 6.503 |
| Median | 6.77 |
| SD | 2.392 |
| SE of Mean | 0.43 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0323 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.796 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24606 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 63 |
| Number of Distinct Observations | 55 |
| Minimum | 3.04 |
| Maximum | 14.7 |
| Mean | 9.311 |
| Median | 10.1 |
| SD | 2.893 |
| SE of Mean | 0.365 |
| Number of Exceedances | 18 |
| Sample Proportion of Exceedances | 0.286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.12E-09 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Cobalt(0-10) (24607 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 29 |
| Minimum | 1.31 |
| Maximum | 15.8 |
| Mean | 9.483 |
| Median | 10.5 |
| SD | 3.21 |
| SE of Mean | 0.577 |
| Number of Exceedances | 12 |
| Sample Proportion of Exceedances | 0.387 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1.407E-08 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Cobalt(0-10) (24608 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 2.88 |
| Maximum | 9.76 |
| Mean | 6.528 |
| Median | 6.4 |
| SD | 1.83 |
| SE of Mean | 0.301 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24608 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 21 |
| Minimum | 3.11 |
| Maximum | 8.31 |
| Mean | 6.138 |
| Median | 5.895 |
| SD | 1.112 |
| SE of Mean | 0.237 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24608 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 2.38 |
| Maximum | 9.16 |
| Mean | 6.391 |
| Median | 6.745 |
| SD | 1.802 |
| SE of Mean | 0.285 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24609 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 3.43 |
| Maximum | 15.6 |
| Mean | 8.121 |
| Median | 8.065 |
| SD | 2.309 |
| SE of Mean | 0.422 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0667 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.446 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24609 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 2.69 |
| Maximum | 13 |
| Mean | 6.845 |
| Median | 6.625 |
| SD | 1.949 |

| | |
|---|---|
| SE of Mean | 0.334 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0294 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.825 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24609 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 42 |
| Minimum | 2.19 |
| Maximum | 10.7 |
| Mean | 6.335 |
| Median | 5.98 |
| SD | 1.807 |
| SE of Mean | 0.269 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24612 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 43 |
| Minimum | 5.09 |
| Maximum | 15.1 |
| Mean | 10.14 |
| Median | 10.7 |
| SD | 2.704 |
| SE of Mean | 0.379 |
| Number of Exceedances | 23 |
| Sample Proportion of Exceedances | 0.451 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 5.942E-17 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24612 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 43 |
| Minimum | 3.42 |

| | |
|---|---|
| Maximum | 9.86 |
| Mean | 6.726 |
| Median | 6.91 |
| SD | 1.456 |
| SE of Mean | 0.212 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24612 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 4.63 |
| Maximum | 8.68 |
| Mean | 6.559 |
| Median | 6.31 |
| SD | 0.912 |
| SE of Mean | 0.159 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24612 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 44 |
| Minimum | 2.99 |
| Maximum | 9.79 |
| Mean | 6.233 |
| Median | 6.54 |
| SD | 1.503 |
| SE of Mean | 0.222 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24613 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 42 |
| Minimum | 6.88 |
| Maximum | 26 |
| Mean | 11.66 |
| Median | 11.65 |
| SD | 3.132 |
| SE of Mean | 0.434 |
| Number of Exceedances | 32 |
| Sample Proportion of Exceedances | 0.615 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.086E-28 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24613 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 5.33 |
| Maximum | 12.1 |
| Mean | 8.436 |
| Median | 8.42 |
| SD | 1.299 |
| SE of Mean | 0.208 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0256 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.865 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24613 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 46 |
| Minimum | 3.5 |
| Maximum | 12.1 |
| Mean | 6.679 |
| Median | 6.25 |
| SD | 1.557 |
| SE of Mean | 0.218 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0392 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.731 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24613 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 4.34 |
| Maximum | 10.1 |
| Mean | 6.869 |
| Median | 6.57 |
| SD | 1.383 |
| SE of Mean | 0.241 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24616 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 41 |
| Minimum | 3.17 |
| Maximum | 13.1 |
| Mean | 8.458 |
| Median | 8.52 |
| SD | 2.678 |
| SE of Mean | 0.395 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.196 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.0003981

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24617 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 30 |
| Minimum | 5.01 |
| Maximum | 19.3 |
| Mean | 12.03 |
| Median | 11.5 |
| SD | 3.183 |
| SE of Mean | 0.546 |
| Number of Exceedances | 21 |
| Sample Proportion of Exceedances | 0.618 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 2.344E-19

**Conclusion with Alpha = 0.05**

Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Cobalt(0-10) (24618 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 26 |
| Minimum | 6.32 |
| Maximum | 8.22 |
| Mean | 7.076 |
| Median | 7.035 |
| SD | 0.627 |
| SE of Mean | 0.123 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24618 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 4.38 |
| Maximum | 9.95 |
| Mean | 6.469 |
| Median | 6.205 |
| SD | 1.305 |
| SE of Mean | 0.247 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24618 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 4.31 |
| Maximum | 9.34 |
| Mean | 6.714 |
| Median | 6.275 |
| SD | 1.352 |
| SE of Mean | 0.214 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24619 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 5.87 |
| Maximum | 11 |
| Mean | 8.126 |
| Median | 8.035 |
| SD | 1.21 |
| SE of Mean | 0.229 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24619 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 37 |
| Minimum | 3.3 |
| Maximum | 8.66 |
| Mean | 6.342 |
| Median | 6.44 |
| SD | 1.269 |
| SE of Mean | 0.206 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24619 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 35 |
| Minimum | 4.37 |
| Maximum | 9.31 |
| Mean | 6.941 |
| Median | 6.91 |
| SD | 1.206 |
| SE of Mean | 0.204 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24622 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 48 |
| Minimum | 2.6 |
| Maximum | 15.5 |
| Mean | 9.119 |
| Median | 9.14 |
| SD | 3.154 |
| SE of Mean | 0.433 |
| Number of Exceedances | 19 |
| Sample Proportion of Exceedances | 0.358 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.356E-12 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24622 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 5.33 |
| Maximum | 13.2 |
| Mean | 7.614 |
| Median | 7.115 |
| SD | 1.758 |
| SE of Mean | 0.301 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0882 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.241 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24623 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 26 |
| Minimum | 5.23 |
| Maximum | 18.6 |

| | |
|---|---|
| Mean | 11.38 |
| Median | 11.7 |
| SD | 2.292 |
| SE of Mean | 0.405 |
| Number of Exceedances | 21 |
| Sample Proportion of Exceedances | 0.656 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 3.594E-20 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24623 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 6.38 |
| Maximum | 9.91 |
| Mean | 8.423 |
| Median | 8.41 |
| SD | 0.839 |
| SE of Mean | 0.14 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24627 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 45 |
| Minimum | 5.61 |
| Maximum | 21 |
| Mean | 11.52 |
| Median | 11.3 |
| SD | 2.866 |
| SE of Mean | 0.414 |
| Number of Exceedances | 27 |
| Sample Proportion of Exceedances | 0.563 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 5.894E-23 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24628 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 48 |
| Minimum | 2.65 |
| Maximum | 17.7 |
| Mean | 9.115 |
| Median | 9.04 |
| SD | 3.633 |
| SE of Mean | 0.504 |
| Number of Exceedances | 16 |
| Sample Proportion of Exceedances | 0.308 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 2.804E-09 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24628 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 5.41 |
| Maximum | 9.22 |
| Mean | 6.752 |
| Median | 6.39 |
| SD | 1.064 |
| SE of Mean | 0.251 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24629 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 37 |
| Minimum | 5.78 |
| Maximum | 10.8 |
| Mean | 8.141 |
| Median | 7.89 |
| SD | 1.165 |
| SE of Mean | 0.186 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24632 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 20 |
| Number of Distinct Observations | 20 |
| Minimum | 3.65 |
| Maximum | 11.8 |
| Mean | 7.366 |
| Median | 7.065 |
| SD | 1.628 |
| SE of Mean | 0.364 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.05 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.642 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24633 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 34 |
| Minimum | 6.16 |
| Maximum | 24.6 |
| Mean | 11.33 |
| Median | 10.95 |
| SD | 3.426 |
| SE of Mean | 0.542 |
| Number of Exceedances | 20 |
| Sample Proportion of Exceedances | 0.5 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.96E-16 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24700 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 42 |
| Minimum | 2.78 |
| Maximum | 12.6 |
| Mean | 8.636 |
| Median | 8.63 |
| SD | 2.05 |
| SE of Mean | 0.302 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.13 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0263 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05

P-Value < Alpha (0.05)

Cobalt(0-10) (24700 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 56 |
| Number of Distinct Observations | 54 |
| Minimum | 5.43 |
| Maximum | 13.5 |
| Mean | 6.914 |
| Median | 6.565 |
| SD | 1.263 |
| SE of Mean | 0.169 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0179 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.943 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24702 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 43 |
| Minimum | 4.81 |
| Maximum | 9.09 |
| Mean | 7.212 |
| Median | 7.115 |
| SD | 0.779 |
| SE of Mean | 0.115 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24702 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 5.52 |
| Maximum | 11 |
| Mean | 6.655 |
| Median | 6.435 |
| SD | 1.051 |
| SE of Mean | 0.192 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.785 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24703 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 4.62 |
| Maximum | 18.8 |
| Mean | 9.842 |
| Median | 9.74 |
| SD | 2.916 |
| SE of Mean | 0.486 |
| Number of Exceedances | 12 |
| Sample Proportion of Exceedances | 0.333 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 9.871E-08 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24703 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 6.23 |
| Maximum | 11.2 |
| Mean | 8.36 |
| Median | 8.48 |
| SD | 1.115 |
| SE of Mean | 0.178 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0256 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.865 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24703 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 47 |
| Minimum | 5.42 |
| Maximum | 9.65 |
| Mean | 7.686 |
| Median | 7.66 |
| SD | 1.052 |
| SE of Mean | 0.145 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24706 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 3.08 |
| Maximum | 12.9 |
| Mean | 8.38 |
| Median | 8.71 |
| SD | 2.278 |
| SE of Mean | 0.347 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.14 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0194 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24706 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 5.4 |
| Maximum | 9.46 |
| Mean | 7.303 |
| Median | 7.46 |
| SD | 1.13 |
| SE of Mean | 0.197 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24707 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 5.31 |
| Maximum | 13.1 |
| Mean | 8.539 |

| | |
|---|---|
| Median | 7.86 |
| SD | 2.226 |
| SE of Mean | 0.366 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.216 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0004083 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24708 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 3.95 |
| Maximum | 12.8 |
| Mean | 7.089 |
| Median | 6.99 |
| SD | 1.526 |
| SE of Mean | 0.251 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24709 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 5.96 |
| Maximum | 9.32 |
| Mean | 7.762 |
| Median | 7.89 |
| SD | 0.947 |
| SE of Mean | 0.156 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24709 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |

| | |
|---|---|
| Number of Distinct Observations | 41 |
| Minimum | 5.18 |
| Maximum | 9.42 |
| Mean | 6.964 |
| Median | 6.87 |
| SD | 0.869 |
| SE of Mean | 0.133 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24709 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 50 |
| Minimum | 5.65 |
| Maximum | 9.7 |
| Mean | 7.338 |
| Median | 7.4 |
| SD | 1.039 |
| SE of Mean | 0.144 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24710 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 3.18 |
| Maximum | 14 |
| Mean | 9.045 |
| Median | 8.75 |
| SD | 2.526 |
| SE of Mean | 0.385 |
| Number of Exceedances | 11 |
| Sample Proportion of Exceedances | 0.256 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 6.312E-06 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24712 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 5.49 |
| Maximum | 9.25 |
| Mean | 7.134 |
| Median | 7.03 |
| SD | 0.904 |
| SE of Mean | 0.16 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24712 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 4.16 |
| Maximum | 13.6 |
| Mean | 7.477 |
| Median | 7.18 |
| SD | 1.771 |
| SE of Mean | 0.341 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.037 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.75 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24712 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 43 |
| Minimum | 4.96 |
| Maximum | 9.29 |
| Mean | 6.601 |
| Median | 6.46 |
| SD | 0.835 |
| SE of Mean | 0.125 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24713 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 33 |
| Minimum | 4.19 |
| Maximum | 14.3 |
| Mean | 8.721 |
| Median | 8.62 |
| SD | 2.9 |
| SE of Mean | 0.477 |
| Number of Exceedances | 10 |
| Sample Proportion of Exceedances | 0.27 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 9.755E-06

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (24713 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 4.2 |
| Maximum | 9.36 |
| Mean | 7.284 |
| Median | 7.31 |
| SD | 1.256 |
| SE of Mean | 0.215 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24713 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 4.94 |
| Maximum | 9.56 |
| Mean | 6.805 |
| Median | 6.89 |
| SD | 1.079 |
| SE of Mean | 0.182 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24715 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 5.15 |
| Maximum | 10.9 |
| Mean | 8.273 |
| Median | 8.34 |
| SD | 1.228 |
| SE of Mean | 0.202 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24716 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 5.04 |
| Maximum | 12 |
| Mean | 8.599 |
| Median | 9.18 |
| SD | 2.23 |
| SE of Mean | 0.407 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.167 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0156 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24716 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 4.8 |
| Maximum | 7.23 |
| Mean | 6.065 |
| Median | 6.08 |
| SD | 0.742 |
| SE of Mean | 0.191 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24717 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 37 |
| Minimum | 4.68 |
| Maximum | 17 |
| Mean | 8.555 |
| Median | 7.36 |
| SD | 3.181 |
| SE of Mean | 0.516 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.158 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0109 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24718 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 65 |
| Number of Distinct Observations | 61 |
| Minimum | 5.02 |
| Maximum | 11.3 |
| Mean | 6.952 |
| Median | 6.49 |
| SD | 1.345 |
| SE of Mean | 0.167 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0154 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.964 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24718 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 5.09 |
| Maximum | 9.58 |
| Mean | 6.908 |
| Median | 6.74 |

| | |
|---|---|
| SD | 0.971 |
| SE of Mean | 0.169 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24719 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 3.33 |
| Maximum | 12.1 |
| Mean | 7.824 |
| Median | 7.96 |
| SD | 1.769 |
| SE of Mean | 0.308 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0606 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.496 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24719 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 5.4 |
| Maximum | 9.49 |
| Mean | 7.026 |
| Median | 6.85 |
| SD | 0.885 |
| SE of Mean | 0.167 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24719 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 44 |

| | |
|---|---|
| Minimum | 5.03 |
| Maximum | 10.8 |
| Mean | 7.171 |
| Median | 7.13 |
| SD | 1.431 |
| SE of Mean | 0.213 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24722 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 4.04 |
| Maximum | 12.1 |
| Mean | 8.061 |
| Median | 7.76 |
| SD | 1.9 |
| SE of Mean | 0.326 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0882 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.241 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24722 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 1.44 |
| Maximum | 11.1 |
| Mean | 6.617 |
| Median | 6.5 |
| SD | 1.535 |
| SE of Mean | 0.243 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.871 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24722 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 17 |
| Minimum | 4.27 |
| Maximum | 10.2 |
| Mean | 6.326 |
| Median | 6.22 |
| SD | 1.447 |
| SE of Mean | 0.341 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24722 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 36 |
| Minimum | 3.7 |
| Maximum | 9.69 |
| Mean | 6.24 |
| Median | 6.21 |
| SD | 0.997 |
| SE of Mean | 0.156 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24723 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 22 |
| Minimum | 2.05 |
| Maximum | 12.4 |
| Mean | 7.576 |
| Median | 7.235 |
| SD | 2.661 |
| SE of Mean | 0.567 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.182 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.0222

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24723 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 5.1 |
| Maximum | 8.56 |
| Mean | 6.449 |
| Median | 6.29 |
| SD | 0.895 |
| SE of Mean | 0.147 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24725 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 4.99 |
| Maximum | 9.02 |
| Mean | 6.657 |
| Median | 6.34 |
| SD | 1.117 |
| SE of Mean | 0.189 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24726 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 44 |
| Minimum | 2.59 |
| Maximum | 12.9 |
| Mean | 8.94 |
| Median | 9.01 |
| SD | 2.62 |
| SE of Mean | 0.374 |
| Number of Exceedances | 12 |
| Sample Proportion of Exceedances | 0.245 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 3.96E-06

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Cobalt(0-10) (24726 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 2.63 |
| Maximum | 11 |
| Mean | 6.235 |
| Median | 6.21 |
| SD | 1.378 |
| SE of Mean | 0.226 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.85 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24727 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 2.37 |
| Maximum | 13.7 |
| Mean | 7.482 |
| Median | 7.37 |
| SD | 2.567 |
| SE of Mean | 0.406 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.05 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.601 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24728 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 3.83 |
| Maximum | 9.02 |
| Mean | 6.409 |
| Median | 6.13 |
| SD | 1.198 |
| SE of Mean | 0.209 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24728 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 4.14 |
| Maximum | 14.7 |
| Mean | 7.181 |
| Median | 6.95 |
| SD | 1.839 |
| SE of Mean | 0.33 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0323 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.796 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24729 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 4.56 |
| Maximum | 13.1 |
| Mean | 7.076 |
| Median | 6.74 |
| SD | 1.585 |
| SE of Mean | 0.268 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24729 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 5.49 |
| Maximum | 9.76 |
| Mean | 6.884 |
| Median | 6.7 |
| SD | 0.869 |

| | |
|---|---|
| SE of Mean | 0.149 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24729 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 16 |
| Number of Distinct Observations | 15 |
| Minimum | 5.31 |
| Maximum | 8.81 |
| Mean | 6.452 |
| Median | 6.27 |
| SD | 0.834 |
| SE of Mean | 0.209 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24732 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 1.24 |
| Maximum | 12.4 |
| Mean | 7.308 |
| Median | 7.2 |
| SD | 2.683 |
| SE of Mean | 0.441 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0811 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.282 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24732 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 5.17 |

| | |
|---|---|
| Maximum | 11.3 |
| Mean | 7.15 |
| Median | 6.84 |
| SD | 1.45 |
| SE of Mean | 0.245 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24732 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 4.88 |
| Maximum | 9.13 |
| Mean | 6.996 |
| Median | 7.24 |
| SD | 1.186 |
| SE of Mean | 0.206 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24732 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 39 |
| Minimum | 5.18 |
| Maximum | 8.83 |
| Mean | 6.445 |
| Median | 6.2 |
| SD | 0.924 |
| SE of Mean | 0.143 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24733 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 28 |
| Minimum | 1.81 |
| Maximum | 12.3 |
| Mean | 7.166 |
| Median | 6.89 |
| SD | 2.989 |
| SE of Mean | 0.528 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.156 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.0204

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24733 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 37 |
| Minimum | 5.74 |
| Maximum | 9.65 |
| Mean | 7.399 |
| Median | 7.36 |
| SD | 0.989 |
| SE of Mean | 0.16 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24733 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 5.14 |
| Maximum | 8.9 |
| Mean | 6.443 |
| Median | 6.26 |
| SD | 0.828 |
| SE of Mean | 0.131 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24735 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 3.74 |
| Maximum | 10.6 |
| Mean | 6.758 |
| Median | 6.245 |
| SD | 1.385 |
| SE of Mean | 0.231 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24736 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 46 |
| Minimum | 3.13 |
| Maximum | 13.9 |
| Mean | 8.345 |
| Median | 8.65 |
| SD | 2.505 |
| SE of Mean | 0.347 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.115 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0445 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24736 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 5.85 |
| Maximum | 8.3 |
| Mean | 7.021 |
| Median | 7.03 |
| SD | 0.65 |
| SE of Mean | 0.0991 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24737 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 5.19 |
| Maximum | 12.6 |
| Mean | 7.858 |
| Median | 7.125 |
| SD | 2.132 |
| SE of Mean | 0.403 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.107 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.163 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24738 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 50 |
| Minimum | 5.5 |
| Maximum | 9.36 |
| Mean | 6.915 |
| Median | 6.77 |
| SD | 0.915 |
| SE of Mean | 0.128 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24738 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 3.84 |
| Maximum | 9.16 |
| Mean | 6.014 |
| Median | 5.91 |
| SD | 1.381 |
| SE of Mean | 0.244 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24739 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 38 |
| Minimum | 4.81 |
| Maximum | 9.73 |
| Mean | 6.656 |
| Median | 6.4 |
| SD | 1.011 |
| SE of Mean | 0.158 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24739 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 5.05 |
| Maximum | 9.69 |
| Mean | 7 |
| Median | 7.04 |
| SD | 1.242 |
| SE of Mean | 0.189 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24739 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 40 |
| Minimum | 2.44 |
| Maximum | 7.92 |
| Mean | 6.455 |
| Median | 6.535 |
| SD | 0.98 |
| SE of Mean | 0.151 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24740 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 62 |
| Minimum | 3.34 |
| Maximum | 12.9 |
| Mean | 7.622 |
| Median | 7.205 |
| SD | 2.071 |
| SE of Mean | 0.259 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0469 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.627 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24741 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 11 |
| Minimum | 4.34 |
| Maximum | 10.2 |
| Mean | 7.718 |
| Median | 7.505 |
| SD | 1.615 |
| SE of Mean | 0.466 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24743 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 36 |
| Minimum | 5.79 |
| Maximum | 8.27 |

| | |
|---|---|
| Mean | 7.064 |
| Median | 7.055 |
| SD | 0.625 |
| SE of Mean | 0.0965 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24744 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 25 |
| Minimum | 4.06 |
| Maximum | 15.7 |
| Mean | 7.533 |
| Median | 6.94 |
| SD | 2.469 |
| SE of Mean | 0.494 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.08 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.358 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24748 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 22 |
| Minimum | 6.01 |
| Maximum | 8.09 |
| Mean | 7.04 |
| Median | 7.05 |
| SD | 0.476 |
| SE of Mean | 0.0973 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24749 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 5.43 |
| Maximum | 12.9 |
| Mean | 6.962 |
| Median | 6.92 |
| SD | 1.129 |
| SE of Mean | 0.172 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0233 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.89 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24752 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 40 |
| Minimum | 5.56 |
| Maximum | 10.2 |
| Mean | 6.931 |
| Median | 6.83 |
| SD | 1.04 |
| SE of Mean | 0.155 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24802 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 43 |
| Minimum | 4.54 |
| Maximum | 10.3 |
| Mean | 6.691 |
| Median | 6.86 |
| SD | 1.454 |
| SE of Mean | 0.212 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24803 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 4.68 |
| Maximum | 9.98 |
| Mean | 6.468 |
| Median | 6.16 |
| SD | 1.102 |
| SE of Mean | 0.195 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24803 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 4.79 |
| Maximum | 10.1 |
| Mean | 6.121 |
| Median | 5.75 |
| SD | 1.31 |
| SE of Mean | 0.309 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24809 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 5.52 |
| Maximum | 8.33 |
| Mean | 6.449 |
| Median | 6.27 |
| SD | 0.741 |
| SE of Mean | 0.143 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Cobalt(0-10) (24809 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 6.23 |
| Maximum | 10.9 |
| Mean | 7.498 |
| Median | 7.32 |
| SD | 0.899 |
| SE of Mean | 0.15 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24812 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 4.26 |
| Maximum | 8.6 |
| Mean | 6.176 |
| Median | 6.29 |
| SD | 1.31 |
| SE of Mean | 0.243 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (24813 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 5.93 |
| Maximum | 13.1 |
| Mean | 8.271 |
| Median | 7.17 |
| SD | 2.315 |
| SE of Mean | 0.598 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.2 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0362 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (24815 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 4.71 |
| Maximum | 10 |
| Mean | 6.637 |
| Median | 6.5 |
| SD | 1.19 |
| SE of Mean | 0.217 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24818 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 4.23 |
| Maximum | 10.6 |
| Mean | 5.974 |
| Median | 5.75 |
| SD | 1.363 |
| SE of Mean | 0.234 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24819 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 5.04 |
| Maximum | 10.7 |
| Mean | 6.734 |
| Median | 6.62 |
| SD | 0.924 |
| SE of Mean | 0.158 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24822 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 43 |
| Minimum | 4.24 |
| Maximum | 9.49 |
| Mean | 6.465 |
| Median | 6.44 |
| SD | 1.411 |
| SE of Mean | 0.215 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24823 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 36 |
| Minimum | 4.78 |
| Maximum | 10.3 |
| Mean | 6.881 |
| Median | 6.74 |
| SD | 0.992 |
| SE of Mean | 0.159 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24825 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 98 |
| Number of Distinct Observations | 84 |
| Minimum | 5.41 |
| Maximum | 9.66 |
| Mean | 6.996 |

| | |
|---|---|
| Median | 6.835 |
| SD | 0.839 |
| SE of Mean | 0.0847 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24828 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 3.53 |
| Maximum | 9.49 |
| Mean | 6.079 |
| Median | 6.03 |
| SD | 1.535 |
| SE of Mean | 0.256 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24829 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 45 |
| Minimum | 5.33 |
| Maximum | 9.68 |
| Mean | 6.861 |
| Median | 6.6 |
| SD | 1.055 |
| SE of Mean | 0.152 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24832 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |

| | |
|---|---|
| Number of Distinct Observations | 37 |
| Minimum | 4.88 |
| Maximum | 14 |
| Mean | 7.139 |
| Median | 6.85 |
| SD | 1.859 |
| SE of Mean | 0.302 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0526 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.573 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24833 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 5.23 |
| Maximum | 10.9 |
| Mean | 7.023 |
| Median | 6.52 |
| SD | 1.52 |
| SE of Mean | 0.232 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24838 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 4.69 |
| Maximum | 9.97 |
| Mean | 6.698 |
| Median | 6.49 |
| SD | 1.33 |
| SE of Mean | 0.251 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (24904 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 74 |
| Number of Distinct Observations | 65 |
| Minimum | 2.23 |
| Maximum | 9.79 |
| Mean | 6.942 |
| Median | 6.935 |
| SD | 1.016 |
| SE of Mean | 0.118 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (24912 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 4.76 |
| Maximum | 8.89 |
| Mean | 6.281 |
| Median | 5.93 |
| SD | 1.193 |
| SE of Mean | 0.199 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (301 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 27 |
| Minimum | 2.84 |
| Maximum | 17.4 |
| Mean | 10.76 |
| Median | 10.2 |
| SD | 3.113 |
| SE of Mean | 0.578 |
| Number of Exceedances | 12 |
| Sample Proportion of Exceedances | 0.414 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 5.685E-09

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (305 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 54 |
| Number of Distinct Observations | 49 |
| Minimum | 5.9 |
| Maximum | 21.2 |
| Mean | 10.67 |
| Median | 10.4 |
| SD | 2.933 |
| SE of Mean | 0.399 |
| Number of Exceedances | 23 |
| Sample Proportion of Exceedances | 0.426 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 2.831E-16

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (311 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 71 |
| Number of Distinct Observations | 58 |
| Minimum | 2.36 |
| Maximum | 14.2 |
| Mean | 9.165 |
| Median | 9.35 |
| SD | 2.34 |
| SE of Mean | 0.278 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.183 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 4.603E-05

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (317 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 42 |
| Minimum | 3.8 |
| Maximum | 14.6 |
| Mean | 9.875 |
| Median | 10.2 |
| SD | 2.2 |
| SE of Mean | 0.289 |
| Number of Exceedances | 23 |
| Sample Proportion of Exceedances | 0.397 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1.886E-15

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (321 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 35 |
| Minimum | 6.55 |
| Maximum | 21 |
| Mean | 11.55 |
| Median | 11.15 |
| SD | 2.878 |
| SE of Mean | 0.455 |
| Number of Exceedances | 22 |
| Sample Proportion of Exceedances | 0.55 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.12E-18 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (327 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 8.31 |
| Maximum | 12.7 |
| Mean | 10.81 |
| Median | 10.85 |
| SD | 1.26 |
| SE of Mean | 0.364 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.417 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.000184 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (331 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 24 |
| Minimum | 6.7 |
| Maximum | 17.7 |
| Mean | 11.18 |
| Median | 10.9 |
| SD | 2.465 |
| SE of Mean | 0.466 |
| Number of Exceedances | 14 |
| Sample Proportion of Exceedances | 0.5 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.255E-11 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (337 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 31 |
| Minimum | 5.79 |
| Maximum | 13.6 |
| Mean | 9.876 |
| Median | 9.68 |
| SD | 2.166 |
| SE of Mean | 0.371 |
| Number of Exceedances | 10 |
| Sample Proportion of Exceedances | 0.294 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.216E-06 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (341 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 38 |
| Minimum | 6.4 |
| Maximum | 17.6 |
| Mean | 10.76 |
| Median | 11.1 |
| SD | 2.332 |
| SE of Mean | 0.337 |
| Number of Exceedances | 25 |
| Sample Proportion of Exceedances | 0.521 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 2.974E-20 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (344 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 5.42 |
| Maximum | 11 |
| Mean | 7.044 |
| Median | 6.26 |

| | |
|---|---|
| SD | 1.664 |
| SE of Mean | 0.281 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (345 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 93 |
| Number of Distinct Observations | 84 |
| Minimum | 4.91 |
| Maximum | 9.81 |
| Mean | 6.997 |
| Median | 7.06 |
| SD | 0.975 |
| SE of Mean | 0.101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (347 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 29 |
| Minimum | 6 |
| Maximum | 14.6 |
| Mean | 10.4 |
| Median | 10.45 |
| SD | 2.241 |
| SE of Mean | 0.396 |
| Number of Exceedances | 14 |
| Sample Proportion of Exceedances | 0.438 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.219E-10 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (348 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 43 |

| | |
|---|---|
| Minimum | 5.2 |
| Maximum | 8.94 |
| Mean | 6.434 |
| Median | 6.42 |
| SD | 0.839 |
| SE of Mean | 0.12 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (348 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 46 |
| Minimum | 4.88 |
| Maximum | 10.7 |
| Mean | 6.986 |
| Median | 6.34 |
| SD | 1.598 |
| SE of Mean | 0.224 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (351 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 5.41 |
| Maximum | 16 |
| Mean | 10.16 |
| Median | 10.55 |
| SD | 2.65 |
| SE of Mean | 0.468 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.406 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.722E-09 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (352 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 5.09 |
| Maximum | 9.7 |
| Mean | 6.714 |
| Median | 6.675 |
| SD | 1.139 |
| SE of Mean | 0.201 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (353 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 5.06 |
| Maximum | 9.14 |
| Mean | 6.913 |
| Median | 6.9 |
| SD | 1.055 |
| SE of Mean | 0.187 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (354 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 31 |
| Minimum | 5.85 |
| Maximum | 7.96 |
| Mean | 6.91 |
| Median | 6.89 |
| SD | 0.481 |
| SE of Mean | 0.0771 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (357 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 33 |
| Minimum | 5.16 |
| Maximum | 24.1 |
| Mean | 10.59 |
| Median | 10.5 |
| SD | 3.345 |
| SE of Mean | 0.529 |
| Number of Exceedances | 17 |
| Sample Proportion of Exceedances | 0.425 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 2.23E-12

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Cobalt(0-10) (357 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 5.36 |
| Maximum | 9.05 |
| Mean | 7.072 |
| Median | 6.97 |
| SD | 1.046 |
| SE of Mean | 0.214 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (358 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 2.76 |
| Maximum | 9.25 |
| Mean | 5.983 |
| Median | 5.81 |
| SD | 1.397 |
| SE of Mean | 0.213 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (360 248th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 43 |
| Minimum | 4.67 |
| Maximum | 13.9 |
| Mean | 6.894 |
| Median | 6.76 |
| SD | 1.341 |
| SE of Mean | 0.194 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0208 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.915 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Cobalt(0-10) (361 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 20 |
| Minimum | 4.7 |
| Maximum | 14.7 |
| Mean | 9.945 |
| Median | 10.5 |
| SD | 2.694 |
| SE of Mean | 0.562 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.391 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 8.395E-07 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Cobalt(0-10) (362 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 24 |
| Minimum | 4.62 |
| Maximum | 10.9 |
| Mean | 6.858 |
| Median | 6.45 |
| SD | 1.682 |
| SE of Mean | 0.336 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (363 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 5.74 |
| Maximum | 7.79 |
| Mean | 6.562 |
| Median | 6.63 |
| SD | 0.501 |
| SE of Mean | 0.0964 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (364 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 43 |
| Minimum | 5.46 |
| Maximum | 8.27 |
| Mean | 6.741 |
| Median | 6.635 |
| SD | 0.66 |
| SE of Mean | 0.0952 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (367 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 13 |
| Minimum | 4.13 |
| Maximum | 11.3 |
| Mean | 8.985 |
| Median | 9.52 |
| SD | 2.234 |

| | |
|---|---|
| SE of Mean | 0.62 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.154 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.135 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (367 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 43 |
| Minimum | 2.19 |
| Maximum | 8.52 |
| Mean | 6.271 |
| Median | 6.345 |
| SD | 1.198 |
| SE of Mean | 0.177 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (368 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 55 |
| Number of Distinct Observations | 52 |
| Minimum | 4.61 |
| Maximum | 11.2 |
| Mean | 6.622 |
| Median | 6.18 |
| SD | 1.36 |
| SE of Mean | 0.183 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0182 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.94 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (373 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 38 |
| Minimum | 4.2 |

| | |
|---|---|
| Maximum | 8.26 |
| Mean | 6.142 |
| Median | 6.18 |
| SD | 0.755 |
| SE of Mean | 0.117 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (374 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 120 |
| Number of Distinct Observations | 93 |
| Minimum | 2.19 |
| Maximum | 10.4 |
| Mean | 6.999 |
| Median | 6.945 |
| SD | 0.898 |
| SE of Mean | 0.0819 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.304 |
| Critical Value (0.05) | 1.645 |
| P-Value | 0.0106 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value < Alpha (0.05)

**Cobalt(0-10) (374 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 3.81 |
| Maximum | 9.2 |
| Mean | 6.757 |
| Median | 6.28 |
| SD | 1.371 |
| SE of Mean | 0.264 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (377 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 27 |
| Minimum | 6.5 |
| Maximum | 14.7 |
| Mean | 11.27 |
| Median | 11.6 |
| SD | 1.975 |
| SE of Mean | 0.349 |
| Number of Exceedances | 20 |
| Sample Proportion of Exceedances | 0.625 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1.2E-18

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Cobalt(0-10) (377 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 3.45 |
| Maximum | 7.51 |
| Mean | 6.07 |
| Median | 6.07 |
| SD | 0.72 |
| SE of Mean | 0.125 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (378 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 38 |
| Minimum | 5.07 |
| Maximum | 10 |
| Mean | 6.708 |
| Median | 6.22 |
| SD | 1.259 |
| SE of Mean | 0.197 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (383 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 5.01 |
| Maximum | 7.48 |
| Mean | 6.065 |
| Median | 6.02 |
| SD | 0.656 |
| SE of Mean | 0.116 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (402 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 5.09 |
| Maximum | 10.5 |
| Mean | 6.918 |
| Median | 6.585 |
| SD | 1.348 |
| SE of Mean | 0.238 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Cobalt(0-10) (408 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 5.45 |
| Maximum | 8.97 |
| Mean | 6.406 |
| Median | 6.135 |
| SD | 0.809 |
| SE of Mean | 0.165 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Cobalt(0-10) (412 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 77 |
| Number of Distinct Observations | 71 |
| Minimum | 4.44 |
| Maximum | 15.3 |
| Mean | 6.958 |
| Median | 6.17 |
| SD | 2.422 |
| SE of Mean | 0.276 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.0909 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0903 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24401 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 8.39 |
| Maximum | 41.5 |
| Mean | 21.18 |
| Median | 19 |
| SD | 7.862 |
| SE of Mean | 1.369 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24402 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 40 |
| Minimum | 9.13 |
| Maximum | 26.4 |
| Mean | 14.86 |
| Median | 14.8 |
| SD | 3.019 |
| SE of Mean | 0.436 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24402 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 127 |
| Number of Distinct Observations | 105 |
| Minimum | 3.96 |
| Maximum | 47.9 |
| Mean | 19.27 |
| Median | 18.7 |
| SD | 7.492 |
| SE of Mean | 0.665 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.382 |
| Critical Value (0.05) | 1.645 |

| | |
|---|---|
| P-Value | 0.00861 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value < Alpha (0.05)

**Copper(0-10) (24402 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 33 |
| Minimum | 12 |
| Maximum | 34.5 |
| Mean | 19.08 |
| Median | 18.1 |
| SD | 5.634 |
| SE of Mean | 0.891 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24403 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 40 |
| Minimum | 10.2 |
| Maximum | 33.4 |
| Mean | 18.17 |
| Median | 17.5 |
| SD | 4.84 |
| SE of Mean | 0.714 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24403 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 62 |
| Number of Distinct Observations | 49 |
| Minimum | 9.24 |
| Maximum | 31.3 |
| Mean | 16.08 |
| Median | 15.6 |
| SD | 3.757 |
| SE of Mean | 0.477 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24405 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 24 |
| Minimum | 10.1 |
| Maximum | 43.6 |
| Mean | 19.93 |
| Median | 18.3 |
| SD | 8.503 |
| SE of Mean | 1.701 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24406 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 36 |
| Minimum | 10.8 |
| Maximum | 31.4 |
| Mean | 19.62 |
| Median | 20.15 |
| SD | 4.552 |
| SE of Mean | 0.72 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24406 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 24 |
| Minimum | 7.92 |
| Maximum | 25.4 |
| Mean | 14.32 |

| | |
|---|---|
| Median | 13.6 |
| SD | 4.279 |
| SE of Mean | 0.809 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24406 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 21 |
| Minimum | 9.36 |
| Maximum | 27.3 |
| Mean | 17.98 |
| Median | 18.3 |
| SD | 5.486 |
| SE of Mean | 1.144 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24406 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 24 |
| Minimum | 10 |
| Maximum | 27.2 |
| Mean | 15.84 |
| Median | 15.1 |
| SD | 3.897 |
| SE of Mean | 0.764 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24409 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |

| | |
|---|---|
| Number of Distinct Observations | 24 |
| Minimum | 8.49 |
| Maximum | 37.3 |
| Mean | 16.77 |
| Median | 15.95 |
| SD | 6.099 |
| SE of Mean | 1.245 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24409 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 9.45 |
| Maximum | 27.5 |
| Mean | 16.39 |
| Median | 15.6 |
| SD | 3.73 |
| SE of Mean | 0.649 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24410 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 8.16 |
| Maximum | 36.4 |
| Mean | 14.89 |
| Median | 14.2 |
| SD | 5.283 |
| SE of Mean | 0.92 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24411 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 69 |
| Number of Distinct Observations | 54 |
| Minimum | 10.3 |
| Maximum | 38 |
| Mean | 21.38 |
| Median | 21.4 |
| SD | 4.692 |
| SE of Mean | 0.565 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24411 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 11.4 |
| Maximum | 92.6 |
| Mean | 23.73 |
| Median | 19.5 |
| SD | 15.98 |
| SE of Mean | 2.628 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.558

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24412 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 10.4 |
| Maximum | 1190 |
| Mean | 88.46 |
| Median | 20.9 |
| SD | 242.8 |
| SE of Mean | 43.61 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.129 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.0671

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24412 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 61 |
| Number of Distinct Observations | 48 |
| Minimum | 9.46 |
| Maximum | 23.5 |
| Mean | 15.05 |
| Median | 14.3 |
| SD | 3.917 |
| SE of Mean | 0.501 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24413 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 8.53 |
| Maximum | 40.8 |
| Mean | 17.1 |
| Median | 16.5 |
| SD | 7.181 |
| SE of Mean | 1.466 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24413 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 5.87 |
| Maximum | 53.4 |
| Mean | 17.2 |
| Median | 13.9 |
| SD | 10.42 |
| SE of Mean | 1.969 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24416 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 44 |
| Minimum | 8.57 |
| Maximum | 36.4 |
| Mean | 17.85 |
| Median | 17.3 |
| SD | 6.164 |
| SE of Mean | 0.872 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24416 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 18 |
| Minimum | 8.86 |
| Maximum | 18.7 |
| Mean | 13.79 |
| Median | 13.5 |
| SD | 3.007 |
| SE of Mean | 0.656 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24416 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 8.61 |
| Maximum | 20 |
| Mean | 13.93 |
| Median | 14.3 |
| SD | 2.946 |
| SE of Mean | 0.513 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24416 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 39 |
| Minimum | 8.02 |
| Maximum | 42.3 |
| Mean | 14.61 |
| Median | 13.65 |
| SD | 5.713 |
| SE of Mean | 0.882 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24417 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 8 |
| Number of Distinct Observations | 8 |
| Minimum | 19.1 |
| Maximum | 27.4 |
| Mean | 22.49 |
| Median | 21.85 |
| SD | 3.18 |
| SE of Mean | 1.124 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24417 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 42 |
| Minimum | 7.4 |
| Maximum | 27.1 |
| Mean | 15.72 |
| Median | 14.7 |

| | |
|---|---|
| SD | 4.297 |
| SE of Mean | 0.627 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24419 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 7.86 |
| Maximum | 40.2 |
| Mean | 15.55 |
| Median | 14.4 |
| SD | 5.869 |
| SE of Mean | 1.037 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24419 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 5.45 |
| Maximum | 20.3 |
| Mean | 12.62 |
| Median | 13.4 |
| SD | 3.597 |
| SE of Mean | 0.636 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24420 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |

| | |
|---|---|
| Minimum | 5.82 |
| Maximum | 19.9 |
| Mean | 12.48 |
| Median | 11.8 |
| SD | 3.538 |
| SE of Mean | 0.616 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24421 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 7.9 |
| Maximum | 24.7 |
| Mean | 15.4 |
| Median | 15.4 |
| SD | 4.352 |
| SE of Mean | 0.795 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24422 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 37 |
| Minimum | 7.87 |
| Maximum | 54.7 |
| Mean | 17.19 |
| Median | 16.4 |
| SD | 7.861 |
| SE of Mean | 1.199 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24422 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 31 |
| Minimum | 9.57 |
| Maximum | 33.1 |
| Mean | 15.46 |
| Median | 15.15 |
| SD | 4.961 |
| SE of Mean | 0.827 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24422 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 23 |
| Minimum | 9.29 |
| Maximum | 29.4 |
| Mean | 14.61 |
| Median | 14.5 |
| SD | 4.074 |
| SE of Mean | 0.756 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24423 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 13 |
| Minimum | 15.7 |
| Maximum | 56.5 |
| Mean | 24.82 |
| Median | 22.6 |
| SD | 10.51 |
| SE of Mean | 2.914 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24423 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 6.78 |
| Maximum | 23.1 |
| Mean | 14.76 |
| Median | 14.5 |
| SD | 4.117 |
| SE of Mean | 0.677 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24423 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 34 |
| Minimum | 6.65 |
| Maximum | 20.3 |
| Mean | 11.76 |
| Median | 11.6 |
| SD | 3.295 |
| SE of Mean | 0.521 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24426 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 7.91 |
| Maximum | 44.2 |
| Mean | 17.05 |
| Median | 16.1 |
| SD | 7.212 |
| SE of Mean | 1.472 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24426 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 6.93 |
| Maximum | 24.6 |
| Mean | 13.11 |
| Median | 11 |
| SD | 4.859 |
| SE of Mean | 0.887 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24426 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 4.74 |
| Maximum | 23 |
| Mean | 13.79 |
| Median | 12.85 |
| SD | 4.474 |
| SE of Mean | 0.817 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24426 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 46 |
| Minimum | 7.38 |
| Maximum | 23.9 |
| Mean | 14.46 |
| Median | 13.9 |
| SD | 4.366 |
| SE of Mean | 0.624 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24427 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 20 |
| Minimum | 13.8 |
| Maximum | 31.1 |
| Mean | 21.79 |
| Median | 21.7 |
| SD | 4.258 |
| SE of Mean | 0.852 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24427 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 34 |
| Minimum | 8.51 |
| Maximum | 60.1 |
| Mean | 16.12 |
| Median | 15.4 |
| SD | 8.359 |
| SE of Mean | 1.356 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0263 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.858 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24429 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 19 |
| Number of Distinct Observations | 18 |
| Minimum | 9.42 |
| Maximum | 20.1 |
| Mean | 13.64 |
| Median | 13.6 |
| SD | 2.837 |

| | |
|---|---|
| SE of Mean | 0.651 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24429 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 23 |
| Minimum | 6.47 |
| Maximum | 24.9 |
| Mean | 13.01 |
| Median | 11.7 |
| SD | 4.182 |
| SE of Mean | 0.777 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24430 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 27 |
| Minimum | 3.07 |
| Maximum | 43.3 |
| Mean | 12.24 |
| Median | 10.95 |
| SD | 7.432 |
| SE of Mean | 1.357 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24431 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 8.61 |

| | |
|---|---|
| Maximum | 31 |
| Mean | 17.56 |
| Median | 17.3 |
| SD | 5.195 |
| SE of Mean | 0.878 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24432 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 67 |
| Number of Distinct Observations | 53 |
| Minimum | 8.02 |
| Maximum | 35 |
| Mean | 16.35 |
| Median | 16.6 |
| SD | 4.179 |
| SE of Mean | 0.51 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24433 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 17.3 |
| Maximum | 35.2 |
| Mean | 23.06 |
| Median | 20.8 |
| SD | 5.592 |
| SE of Mean | 1.076 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24436 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 35 |
| Minimum | 2.76 |
| Maximum | 12.8 |
| Mean | 7.758 |
| Median | 8.54 |
| SD | 2.724 |
| SE of Mean | 0.46 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24502 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 47 |
| Minimum | 8.53 |
| Maximum | 32 |
| Mean | 16.7 |
| Median | 16.3 |
| SD | 5.515 |
| SE of Mean | 0.772 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24502 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 53 |
| Minimum | 6.33 |
| Maximum | 36 |
| Mean | 11.21 |
| Median | 10.2 |
| SD | 4.407 |
| SE of Mean | 0.579 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24502 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 43 |
| Minimum | 1.53 |
| Maximum | 16.9 |
| Mean | 7.519 |
| Median | 7.705 |
| SD | 2.937 |
| SE of Mean | 0.424 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24502 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 44 |
| Number of Distinct Observations | 40 |
| Minimum | 6.99 |
| Maximum | 19 |
| Mean | 11.37 |
| Median | 10.7 |
| SD | 2.832 |
| SE of Mean | 0.427 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24503 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 26 |
| Minimum | 13 |
| Maximum | 46 |
| Mean | 21.02 |
| Median | 19.1 |
| SD | 6.063 |
| SE of Mean | 1.126 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24503 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 60 |
| Number of Distinct Observations | 50 |
| Minimum | 4.44 |
| Maximum | 24.3 |
| Mean | 15.68 |
| Median | 15.45 |
| SD | 4.11 |
| SE of Mean | 0.531 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24503 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 7.28 |
| Maximum | 21.2 |
| Mean | 14.71 |
| Median | 14.55 |
| SD | 3.453 |
| SE of Mean | 0.653 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24503 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 31 |
| Minimum | 7.42 |
| Maximum | 36.2 |
| Mean | 12.9 |
| Median | 11.25 |
| SD | 5.673 |
| SE of Mean | 0.973 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24506 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 32 |
| Minimum | 8.59 |
| Maximum | 36.4 |
| Mean | 17.88 |
| Median | 18 |
| SD | 4.892 |
| SE of Mean | 0.815 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24507 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 9.86 |
| Maximum | 37.3 |
| Mean | 21.86 |
| Median | 19.35 |
| SD | 6.885 |
| SE of Mean | 1.148 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24508 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 34 |
| Minimum | 8.21 |
| Maximum | 20.8 |
| Mean | 14.02 |
| Median | 13.65 |
| SD | 3.37 |
| SE of Mean | 0.533 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24508 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 2.34 |
| Maximum | 15.4 |
| Mean | 7.835 |
| Median | 8.665 |
| SD | 3.123 |
| SE of Mean | 0.638 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24508 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 30 |
| Minimum | 7.57 |
| Maximum | 23.5 |
| Mean | 13.32 |
| Median | 12.6 |
| SD | 3.833 |
| SE of Mean | 0.614 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24509 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 28 |
| Minimum | 9.02 |
| Maximum | 21.8 |

| | |
|---|---|
| Mean | 14.44 |
| Median | 13.8 |
| SD | 3.222 |
| SE of Mean | 0.579 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24509 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 41 |
| Minimum | 8.7 |
| Maximum | 33.3 |
| Mean | 13.83 |
| Median | 12.5 |
| SD | 4.743 |
| SE of Mean | 0.692 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24509 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 33 |
| Minimum | 7.32 |
| Maximum | 39.2 |
| Mean | 14.83 |
| Median | 13.9 |
| SD | 5.907 |
| SE of Mean | 0.971 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24512 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 40 |
| Minimum | 8.88 |
| Maximum | 36.5 |
| Mean | 19.26 |
| Median | 19 |
| SD | 5.837 |
| SE of Mean | 0.843 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24512 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 32 |
| Minimum | 7.87 |
| Maximum | 28.5 |
| Mean | 14.33 |
| Median | 13.25 |
| SD | 4.474 |
| SE of Mean | 0.746 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24512 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 1.91 |
| Maximum | 13 |
| Mean | 6.861 |
| Median | 7.625 |
| SD | 3.156 |
| SE of Mean | 0.596 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24512 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 42 |
| Minimum | 7.58 |
| Maximum | 23.1 |
| Mean | 13.59 |
| Median | 13.3 |
| SD | 3.998 |
| SE of Mean | 0.589 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24513 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 6.12 |
| Maximum | 29.4 |
| Mean | 14.67 |
| Median | 14.1 |
| SD | 4.82 |
| SE of Mean | 0.792 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24513 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 48 |
| Minimum | 6.01 |
| Maximum | 24.6 |
| Mean | 12.23 |
| Median | 11.5 |
| SD | 3.794 |
| SE of Mean | 0.531 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Copper(0-10) (24513 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 6.5 |
| Maximum | 22.6 |
| Mean | 14.58 |
| Median | 13.85 |
| SD | 4.341 |
| SE of Mean | 0.793 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24516 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 7.42 |
| Maximum | 28 |
| Mean | 17.81 |
| Median | 18.35 |
| SD | 4.826 |
| SE of Mean | 0.881 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24517 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 17.5 |
| Maximum | 29.6 |
| Mean | 23.2 |
| Median | 22.35 |
| SD | 4.915 |
| SE of Mean | 1.419 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24518 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 40 |
| Minimum | 7.92 |
| Maximum | 22.3 |
| Mean | 14.57 |
| Median | 14.7 |
| SD | 4.184 |
| SE of Mean | 0.624 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24518 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 1.87 |
| Maximum | 27.1 |
| Mean | 7.995 |
| Median | 8.495 |
| SD | 5.291 |
| SE of Mean | 0.816 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24518 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 8.65 |
| Maximum | 21.4 |
| Mean | 15.25 |
| Median | 16.3 |
| SD | 4.087 |
| SE of Mean | 0.746 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24519 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 30 |
| Minimum | 8.56 |
| Maximum | 22.3 |
| Mean | 14.02 |
| Median | 13.1 |
| SD | 4.078 |
| SE of Mean | 0.689 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24519 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 26 |
| Minimum | 3.04 |
| Maximum | 18.7 |
| Mean | 11.18 |
| Median | 10.95 |
| SD | 4.088 |
| SE of Mean | 0.746 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24522 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 24 |
| Minimum | 7.88 |
| Maximum | 35.7 |
| Mean | 22.88 |

| | |
|---|---|
| Median | 23.4 |
| SD | 6.458 |
| SE of Mean | 1.243 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24522 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 7.05 |
| Maximum | 22.8 |
| Mean | 15.13 |
| Median | 16 |
| SD | 4.277 |
| SE of Mean | 0.808 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24522 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 1.01 |
| Maximum | 19.9 |
| Mean | 7.145 |
| Median | 7.665 |
| SD | 3.706 |
| SE of Mean | 0.618 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24522 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |

| | |
|---|---|
| Number of Distinct Observations | 34 |
| Minimum | 2.01 |
| Maximum | 23.4 |
| Mean | 11.72 |
| Median | 11 |
| SD | 4.629 |
| SE of Mean | 0.782 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24523 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 40 |
| Minimum | 7.27 |
| Maximum | 31.6 |
| Mean | 21.26 |
| Median | 20.7 |
| SD | 5.173 |
| SE of Mean | 0.771 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24523 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 8.26 |
| Maximum | 27.4 |
| Mean | 15.78 |
| Median | 15.1 |
| SD | 5.312 |
| SE of Mean | 0.873 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24523 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 17 |
| Number of Distinct Observations | 16 |
| Minimum | 7.68 |
| Maximum | 18 |
| Mean | 13.05 |
| Median | 14 |
| SD | 3.073 |
| SE of Mean | 0.745 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24526 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 7.36 |
| Maximum | 37.8 |
| Mean | 19.21 |
| Median | 19.35 |
| SD | 6.104 |
| SE of Mean | 1.017 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24528 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 2.8 |
| Maximum | 21.2 |
| Mean | 8.784 |
| Median | 7.82 |
| SD | 4.636 |
| SE of Mean | 0.833 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24528 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 0.51 |
| Maximum | 28.2 |
| Mean | 6.216 |
| Median | 6.2 |
| SD | 4.586 |
| SE of Mean | 0.734 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24529 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 8.87 |
| Maximum | 37.3 |
| Mean | 15.21 |
| Median | 14.15 |
| SD | 5.574 |
| SE of Mean | 0.985 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24529 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 2.05 |
| Maximum | 13.2 |
| Mean | 7.662 |
| Median | 7.82 |
| SD | 2.953 |
| SE of Mean | 0.603 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24529 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 26 |
| Minimum | 2.65 |
| Maximum | 41.6 |
| Mean | 13.99 |
| Median | 12.2 |
| SD | 9.361 |
| SE of Mean | 1.836 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24532 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 25 |
| Minimum | 8.07 |
| Maximum | 36.1 |
| Mean | 20.79 |
| Median | 21.2 |
| SD | 6.804 |
| SE of Mean | 1.309 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24532 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 21 |
| Minimum | 3.59 |
| Maximum | 80.8 |
| Mean | 15.7 |
| Median | 10.2 |
| SD | 16.73 |
| SE of Mean | 3.652 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0476 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.659 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24532 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 23 |
| Minimum | 2.73 |
| Maximum | 26.6 |
| Mean | 9.643 |
| Median | 9.18 |
| SD | 4.716 |
| SE of Mean | 0.983 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24532 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 26 |
| Minimum | 1.97 |
| Maximum | 12.1 |
| Mean | 7.69 |
| Median | 8.17 |
| SD | 2.754 |
| SE of Mean | 0.511 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24533 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 21 |
| Minimum | 16.5 |
| Maximum | 170 |
| Mean | 31.41 |
| Median | 24.5 |

| | |
|---|---|
| SD | 29.82 |
| SE of Mean | 5.964 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.04 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.723 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24533 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 27 |
| Minimum | 2.19 |
| Maximum | 16.7 |
| Mean | 8.762 |
| Median | 8.67 |
| SD | 3.047 |
| SE of Mean | 0.566 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24533 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 50 |
| Minimum | 1.8 |
| Maximum | 17.5 |
| Mean | 7.557 |
| Median | 7.79 |
| SD | 3.092 |
| SE of Mean | 0.429 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24602 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 31 |

| | |
|---|---|
| Minimum | 7.63 |
| Maximum | 31.5 |
| Mean | 20.77 |
| Median | 21.35 |
| SD | 5.927 |
| SE of Mean | 1.017 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24602 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 3.37 |
| Maximum | 12.5 |
| Mean | 8.235 |
| Median | 8.26 |
| SD | 2.401 |
| SE of Mean | 0.418 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24602 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 2.25 |
| Maximum | 17.5 |
| Mean | 9.412 |
| Median | 8.97 |
| SD | 3.64 |
| SE of Mean | 0.575 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24602 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 4.3 |
| Maximum | 16.3 |
| Mean | 9.264 |
| Median | 9.035 |
| SD | 2.822 |
| SE of Mean | 0.533 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24603 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 24 |
| Minimum | 14.3 |
| Maximum | 30.5 |
| Mean | 22.69 |
| Median | 23.7 |
| SD | 4.674 |
| SE of Mean | 0.917 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24603 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 49 |
| Minimum | 2.82 |
| Maximum | 26.3 |
| Mean | 10.93 |
| Median | 9.98 |
| SD | 4.453 |
| SE of Mean | 0.636 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24603 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 27 |
| Minimum | 6.71 |
| Maximum | 14.5 |
| Mean | 9.877 |
| Median | 9.98 |
| SD | 2.044 |
| SE of Mean | 0.373 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24603 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 3.45 |
| Maximum | 19.4 |
| Mean | 7.848 |
| Median | 7.78 |
| SD | 2.932 |
| SE of Mean | 0.527 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24606 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 63 |
| Number of Distinct Observations | 54 |
| Minimum | 3.67 |
| Maximum | 30.2 |
| Mean | 16.77 |
| Median | 17.9 |
| SD | 6.771 |
| SE of Mean | 0.853 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24607 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 27 |
| Minimum | 2.35 |
| Maximum | 37.1 |
| Mean | 19.73 |
| Median | 19.8 |
| SD | 7.675 |
| SE of Mean | 1.378 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24608 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 3.67 |
| Maximum | 46.5 |
| Mean | 12.26 |
| Median | 8.88 |
| SD | 9.243 |
| SE of Mean | 1.52 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24608 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 19 |
| Minimum | 3.73 |
| Maximum | 26 |
| Mean | 10.3 |
| Median | 9.905 |
| SD | 4.58 |
| SE of Mean | 0.976 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24608 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 2.43 |
| Maximum | 29.8 |
| Mean | 9.95 |
| Median | 8.535 |
| SD | 5.939 |
| SE of Mean | 0.939 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24609 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 4.62 |
| Maximum | 22.4 |
| Mean | 13.07 |
| Median | 11.35 |
| SD | 5.418 |
| SE of Mean | 0.989 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24609 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 3.93 |
| Maximum | 21.8 |
| Mean | 11.16 |
| Median | 10.85 |
| SD | 4.182 |

| | |
|---|---|
| SE of Mean | 0.717 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24609 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 41 |
| Minimum | 3.31 |
| Maximum | 21.2 |
| Mean | 7.732 |
| Median | 7.56 |
| SD | 2.851 |
| SE of Mean | 0.425 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24612 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 48 |
| Minimum | 6.61 |
| Maximum | 54.3 |
| Mean | 18.31 |
| Median | 18.4 |
| SD | 7.482 |
| SE of Mean | 1.048 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24612 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 45 |
| Minimum | 4.12 |

| | |
|---|---|
| Maximum | 105 |
| Mean | 10.81 |
| Median | 8.51 |
| SD | 14.22 |
| SE of Mean | 2.074 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0213 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.91 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24612 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 5.89 |
| Maximum | 17.8 |
| Mean | 9.773 |
| Median | 8.85 |
| SD | 2.956 |
| SE of Mean | 0.514 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24612 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 44 |
| Minimum | 3.67 |
| Maximum | 64.3 |
| Mean | 11.22 |
| Median | 9.505 |
| SD | 8.936 |
| SE of Mean | 1.318 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0217 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.906 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24613 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 45 |
| Minimum | 15.3 |
| Maximum | 35.9 |
| Mean | 22.55 |
| Median | 22.65 |
| SD | 4.515 |
| SE of Mean | 0.626 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24613 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 38 |
| Minimum | 7.69 |
| Maximum | 21 |
| Mean | 13.4 |
| Median | 13.3 |
| SD | 4.295 |
| SE of Mean | 0.688 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24613 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 47 |
| Minimum | 6.4 |
| Maximum | 23.2 |
| Mean | 10.9 |
| Median | 9.82 |
| SD | 3.867 |
| SE of Mean | 0.542 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24613 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 5.71 |
| Maximum | 13.1 |
| Mean | 8.521 |
| Median | 7.82 |
| SD | 2.131 |
| SE of Mean | 0.371 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24616 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 42 |
| Minimum | 3.71 |
| Maximum | 27.8 |
| Mean | 14.15 |
| Median | 12.95 |
| SD | 6.832 |
| SE of Mean | 1.007 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24617 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 11.4 |
| Maximum | 47.4 |
| Mean | 25.28 |
| Median | 24.3 |
| SD | 8.231 |
| SE of Mean | 1.412 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24618 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 24 |
| Minimum | 7.58 |
| Maximum | 18.5 |
| Mean | 11.77 |
| Median | 11.05 |
| SD | 3.323 |
| SE of Mean | 0.652 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24618 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 4.86 |
| Maximum | 18.6 |
| Mean | 9.793 |
| Median | 9.065 |
| SD | 3.403 |
| SE of Mean | 0.643 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24618 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 37 |
| Minimum | 5.93 |
| Maximum | 17.8 |
| Mean | 8.852 |
| Median | 8.405 |
| SD | 2.458 |
| SE of Mean | 0.389 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24619 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 8.05 |
| Maximum | 23 |
| Mean | 13.38 |
| Median | 12.55 |
| SD | 4.177 |
| SE of Mean | 0.789 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24619 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 36 |
| Minimum | 4.4 |
| Maximum | 16.3 |
| Mean | 9.946 |
| Median | 9.585 |
| SD | 2.743 |
| SE of Mean | 0.445 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24619 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 6.55 |
| Maximum | 14.4 |
| Mean | 9.374 |
| Median | 8.64 |
| SD | 2.227 |
| SE of Mean | 0.377 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24622 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 50 |
| Minimum | 3.46 |
| Maximum | 38.4 |
| Mean | 16.95 |
| Median | 18 |
| SD | 9.073 |
| SE of Mean | 1.246 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24622 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 7.09 |
| Maximum | 19 |
| Mean | 10.36 |
| Median | 9.67 |
| SD | 2.922 |
| SE of Mean | 0.501 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24623 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 12.1 |
| Maximum | 48.1 |

| | |
|---|---|
| Mean | 23.7 |
| Median | 22.3 |
| SD | 6.573 |
| SE of Mean | 1.162 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24623 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 7.7 |
| Maximum | 30.7 |
| Mean | 14.72 |
| Median | 14.7 |
| SD | 4.655 |
| SE of Mean | 0.776 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24627 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 44 |
| Minimum | 7.2 |
| Maximum | 33.6 |
| Mean | 22.15 |
| Median | 22.95 |
| SD | 6.511 |
| SE of Mean | 0.94 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24628 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 41 |
| Minimum | 3.97 |
| Maximum | 39.3 |
| Mean | 17.1 |
| Median | 17.15 |
| SD | 8.117 |
| SE of Mean | 1.126 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24628 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 6.2 |
| Maximum | 14.7 |
| Mean | 8.964 |
| Median | 8.055 |
| SD | 2.247 |
| SE of Mean | 0.53 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24629 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 36 |
| Minimum | 8.02 |
| Maximum | 26.6 |
| Mean | 13.86 |
| Median | 14.5 |
| SD | 3.88 |
| SE of Mean | 0.621 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24632 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 20 |
| Number of Distinct Observations | 18 |
| Minimum | 6.46 |
| Maximum | 20.6 |
| Mean | 10.59 |
| Median | 8.825 |
| SD | 4.029 |
| SE of Mean | 0.901 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24633 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 37 |
| Minimum | 5.99 |
| Maximum | 37.5 |
| Mean | 20.93 |
| Median | 21.7 |
| SD | 8.274 |
| SE of Mean | 1.308 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24700 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 39 |
| Minimum | 2.79 |
| Maximum | 36.8 |
| Mean | 15.6 |
| Median | 14.75 |
| SD | 6.386 |
| SE of Mean | 0.942 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Copper(0-10) (24700 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 56 |
| Number of Distinct Observations | 54 |
| Minimum | 5.11 |
| Maximum | 16.5 |
| Mean | 8.961 |
| Median | 8.17 |
| SD | 2.45 |
| SE of Mean | 0.327 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24702 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 42 |
| Minimum | 7.21 |
| Maximum | 15.9 |
| Mean | 10.04 |
| Median | 9.345 |
| SD | 2.139 |
| SE of Mean | 0.315 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24702 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 5.93 |
| Maximum | 51.7 |
| Mean | 13.89 |
| Median | 11.15 |
| SD | 9.107 |
| SE of Mean | 1.663 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24703 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 4.91 |
| Maximum | 74.2 |
| Mean | 20.58 |
| Median | 20.65 |
| SD | 12.78 |
| SE of Mean | 2.131 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0278 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.842 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24703 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 34 |
| Minimum | 7.89 |
| Maximum | 20.9 |
| Mean | 13.83 |
| Median | 14 |
| SD | 3.844 |
| SE of Mean | 0.615 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24703 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 49 |
| Minimum | 5.8 |
| Maximum | 34.4 |
| Mean | 10.75 |
| Median | 9.49 |
| SD | 4.296 |
| SE of Mean | 0.59 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24706 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 3.6 |
| Maximum | 23.8 |
| Mean | 13.85 |
| Median | 14 |
| SD | 5.378 |
| SE of Mean | 0.82 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24706 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 6.41 |
| Maximum | 18.8 |
| Mean | 10.53 |
| Median | 9.38 |
| SD | 3.211 |
| SE of Mean | 0.559 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24707 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 33 |
| Minimum | 5.98 |
| Maximum | 26 |
| Mean | 13.75 |

| | |
|---|---|
| Median | 11.7 |
| SD | 5.596 |
| SE of Mean | 0.92 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24708 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 6.26 |
| Maximum | 25.8 |
| Mean | 13.77 |
| Median | 13.4 |
| SD | 4.957 |
| SE of Mean | 0.815 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24709 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 32 |
| Minimum | 6.2 |
| Maximum | 21.5 |
| Mean | 12.43 |
| Median | 12.1 |
| SD | 3.607 |
| SE of Mean | 0.593 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24709 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |

| | |
|---|---|
| Number of Distinct Observations | 38 |
| Minimum | 6.44 |
| Maximum | 17.9 |
| Mean | 10.89 |
| Median | 10.6 |
| SD | 2.797 |
| SE of Mean | 0.426 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24709 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 47 |
| Minimum | 6.44 |
| Maximum | 19.1 |
| Mean | 9.715 |
| Median | 9.115 |
| SD | 2.308 |
| SE of Mean | 0.32 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24710 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 42 |
| Minimum | 4.02 |
| Maximum | 36.8 |
| Mean | 16.29 |
| Median | 15 |
| SD | 7.137 |
| SE of Mean | 1.088 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24712 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 7.39 |
| Maximum | 16.4 |
| Mean | 9.663 |
| Median | 8.96 |
| SD | 2.146 |
| SE of Mean | 0.379 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24712 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 6.63 |
| Maximum | 16.7 |
| Mean | 10.73 |
| Median | 10.2 |
| SD | 2.6 |
| SE of Mean | 0.5 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24712 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 41 |
| Minimum | 6.53 |
| Maximum | 26.8 |
| Mean | 9.968 |
| Median | 8.53 |
| SD | 3.859 |
| SE of Mean | 0.575 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24713 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 6 |
| Maximum | 26.7 |
| Mean | 13.89 |
| Median | 11.7 |
| SD | 6.256 |
| SE of Mean | 1.028 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24713 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 17 |
| Minimum | 8.7 |
| Maximum | 24.9 |
| Mean | 13.37 |
| Median | 12.6 |
| SD | 3.287 |
| SE of Mean | 0.564 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24713 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 30 |
| Minimum | 6.56 |
| Maximum | 18 |
| Mean | 9.293 |
| Median | 9.17 |
| SD | 2.044 |
| SE of Mean | 0.345 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24715 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 33 |
| Minimum | 6.95 |
| Maximum | 20.1 |
| Mean | 13.26 |
| Median | 14.1 |
| SD | 3.635 |
| SE of Mean | 0.598 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24716 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 6.49 |
| Maximum | 25 |
| Mean | 15.18 |
| Median | 15.9 |
| SD | 5.389 |
| SE of Mean | 0.984 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24716 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 7.58 |
| Maximum | 16.3 |
| Mean | 9.999 |
| Median | 9.5 |
| SD | 2.271 |
| SE of Mean | 0.586 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24717 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 37 |
| Minimum | 4.34 |
| Maximum | 25.2 |
| Mean | 10.9 |
| Median | 9.195 |
| SD | 4.978 |
| SE of Mean | 0.808 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24718 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 65 |
| Number of Distinct Observations | 56 |
| Minimum | 6.21 |
| Maximum | 16.3 |
| Mean | 9.37 |
| Median | 8.92 |
| SD | 2.199 |
| SE of Mean | 0.273 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24718 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 6.15 |
| Maximum | 26.3 |
| Mean | 11.62 |
| Median | 10.2 |

| | |
|---|---|
| SD | 4.776 |
| SE of Mean | 0.831 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24719 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 3.9 |
| Maximum | 36.5 |
| Mean | 14.34 |
| Median | 11.5 |
| SD | 7.495 |
| SE of Mean | 1.305 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24719 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 7.46 |
| Maximum | 22.7 |
| Mean | 11.63 |
| Median | 11.05 |
| SD | 3.501 |
| SE of Mean | 0.662 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24719 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 42 |

| | |
|---|---|
| Minimum | 6.55 |
| Maximum | 33.3 |
| Mean | 10.11 |
| Median | 9.18 |
| SD | 4.191 |
| SE of Mean | 0.625 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24722 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 28 |
| Minimum | 6.5 |
| Maximum | 25 |
| Mean | 13.19 |
| Median | 12 |
| SD | 5.262 |
| SE of Mean | 0.902 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24722 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 1.66 |
| Maximum | 14.4 |
| Mean | 8.5 |
| Median | 8.3 |
| SD | 2.278 |
| SE of Mean | 0.36 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24722 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 5.63 |
| Maximum | 14.2 |
| Mean | 8.678 |
| Median | 8.48 |
| SD | 1.834 |
| SE of Mean | 0.432 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24722 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 32 |
| Minimum | 6.3 |
| Maximum | 19.7 |
| Mean | 9.344 |
| Median | 8.8 |
| SD | 2.869 |
| SE of Mean | 0.448 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24723 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 22 |
| Minimum | 2.8 |
| Maximum | 28.2 |
| Mean | 11.72 |
| Median | 9.185 |
| SD | 6.236 |
| SE of Mean | 1.33 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24723 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 5.49 |
| Maximum | 32.5 |
| Mean | 10.09 |
| Median | 8.31 |
| SD | 5.499 |
| SE of Mean | 0.904 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24725 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 32 |
| Minimum | 5.64 |
| Maximum | 22.1 |
| Mean | 9.574 |
| Median | 8.67 |
| SD | 3.256 |
| SE of Mean | 0.55 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24726 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 46 |
| Minimum | 3.2 |
| Maximum | 27.8 |
| Mean | 15.17 |
| Median | 15.7 |
| SD | 6.004 |
| SE of Mean | 0.858 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24726 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 4.83 |
| Maximum | 17.6 |
| Mean | 7.679 |
| Median | 7.77 |
| SD | 2.165 |
| SE of Mean | 0.356 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24727 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 3.38 |
| Maximum | 27.8 |
| Mean | 11.67 |
| Median | 10.65 |
| SD | 5.479 |
| SE of Mean | 0.866 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24728 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 5.3 |
| Maximum | 22.2 |
| Mean | 8.299 |
| Median | 8.02 |
| SD | 2.772 |
| SE of Mean | 0.483 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24728 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 29 |
| Minimum | 4.92 |
| Maximum | 41 |
| Mean | 13.32 |
| Median | 10.2 |
| SD | 8.402 |
| SE of Mean | 1.509 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24729 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 6.16 |
| Maximum | 21.4 |
| Mean | 10.21 |
| Median | 9.57 |
| SD | 3.147 |
| SE of Mean | 0.532 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24729 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 5.96 |
| Maximum | 14.7 |
| Mean | 8.921 |
| Median | 9.225 |
| SD | 1.801 |

| | |
|---|---|
| SE of Mean | 0.309 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24729 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 16 |
| Number of Distinct Observations | 16 |
| Minimum | 5.41 |
| Maximum | 23.5 |
| Mean | 8.791 |
| Median | 7.95 |
| SD | 4.258 |
| SE of Mean | 1.064 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24732 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 1.22 |
| Maximum | 24.9 |
| Mean | 10.43 |
| Median | 8.86 |
| SD | 5.511 |
| SE of Mean | 0.906 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24732 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 5.41 |

| | |
|---|---|
| Maximum | 22.3 |
| Mean | 9.653 |
| Median | 8.9 |
| SD | 3.21 |
| SE of Mean | 0.543 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24732 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 4.86 |
| Maximum | 29.9 |
| Mean | 10.37 |
| Median | 8.9 |
| SD | 4.935 |
| SE of Mean | 0.859 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24732 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 5.19 |
| Maximum | 17.4 |
| Mean | 8.174 |
| Median | 8.155 |
| SD | 1.872 |
| SE of Mean | 0.289 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24733 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 2.54 |
| Maximum | 27.2 |
| Mean | 11.36 |
| Median | 9.8 |
| SD | 6.08 |
| SE of Mean | 1.075 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24733 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 35 |
| Minimum | 6.64 |
| Maximum | 31.4 |
| Mean | 11.11 |
| Median | 10.15 |
| SD | 4.298 |
| SE of Mean | 0.697 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24733 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 36 |
| Minimum | 5.89 |
| Maximum | 13.2 |
| Mean | 8.736 |
| Median | 8.275 |
| SD | 1.781 |
| SE of Mean | 0.282 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24735 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 5.05 |
| Maximum | 125 |
| Mean | 11.34 |
| Median | 8.05 |
| SD | 19.57 |
| SE of Mean | 3.262 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0278 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.842 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24736 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 50 |
| Minimum | 3.23 |
| Maximum | 21.8 |
| Mean | 12.11 |
| Median | 10.75 |
| SD | 4.684 |
| SE of Mean | 0.649 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24736 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 6.87 |
| Maximum | 18.3 |
| Mean | 9.379 |
| Median | 8.85 |
| SD | 1.834 |
| SE of Mean | 0.28 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24737 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 25 |
| Minimum | 6.19 |
| Maximum | 21.6 |
| Mean | 10.7 |
| Median | 10.4 |
| SD | 3.126 |
| SE of Mean | 0.591 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24738 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 50 |
| Minimum | 5.56 |
| Maximum | 13.9 |
| Mean | 8.828 |
| Median | 8.63 |
| SD | 1.526 |
| SE of Mean | 0.214 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24738 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 3.99 |
| Maximum | 22 |
| Mean | 9.195 |
| Median | 8.915 |
| SD | 3.382 |
| SE of Mean | 0.598 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24739 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 37 |
| Minimum | 5.68 |
| Maximum | 18.9 |
| Mean | 9.021 |
| Median | 8.72 |
| SD | 2.07 |
| SE of Mean | 0.323 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24739 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 5.77 |
| Maximum | 14.2 |
| Mean | 8.793 |
| Median | 8.59 |
| SD | 1.761 |
| SE of Mean | 0.269 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24739 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 39 |
| Minimum | 5 |
| Maximum | 18.2 |
| Mean | 8.907 |
| Median | 8.73 |
| SD | 2.296 |
| SE of Mean | 0.354 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24740 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 56 |
| Minimum | 3.45 |
| Maximum | 21.6 |
| Mean | 10.51 |
| Median | 9.62 |
| SD | 3.798 |
| SE of Mean | 0.475 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24741 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 11 |
| Minimum | 6.69 |
| Maximum | 17.3 |
| Mean | 11.48 |
| Median | 11.55 |
| SD | 2.753 |
| SE of Mean | 0.795 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24743 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 40 |
| Minimum | 5.17 |
| Maximum | 13.1 |

| | |
|---|---|
| Mean | 8.859 |
| Median | 8.69 |
| SD | 1.472 |
| SE of Mean | 0.227 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24744 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 22 |
| Minimum | 5.54 |
| Maximum | 22.5 |
| Mean | 10.21 |
| Median | 9.97 |
| SD | 3.118 |
| SE of Mean | 0.624 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24748 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 7.8 |
| Maximum | 13.5 |
| Mean | 9.375 |
| Median | 9.115 |
| SD | 1.276 |
| SE of Mean | 0.26 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24749 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 38 |
| Minimum | 7.33 |
| Maximum | 28.2 |
| Mean | 10.18 |
| Median | 9.74 |
| SD | 3.399 |
| SE of Mean | 0.518 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24752 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 43 |
| Minimum | 6.57 |
| Maximum | 19.7 |
| Mean | 8.922 |
| Median | 8.27 |
| SD | 2.367 |
| SE of Mean | 0.353 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24802 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 44 |
| Minimum | 4.24 |
| Maximum | 15.7 |
| Mean | 8.23 |
| Median | 8.11 |
| SD | 2.412 |
| SE of Mean | 0.352 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24803 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 5.52 |
| Maximum | 15.3 |
| Mean | 8.59 |
| Median | 8.355 |
| SD | 2.122 |
| SE of Mean | 0.375 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24803 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 5.58 |
| Maximum | 10.1 |
| Mean | 7.564 |
| Median | 7.405 |
| SD | 1.105 |
| SE of Mean | 0.261 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24809 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 5.48 |
| Maximum | 10.4 |
| Mean | 8.415 |
| Median | 8.63 |
| SD | 1.302 |
| SE of Mean | 0.251 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Copper(0-10) (24809 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 7.34 |
| Maximum | 21.8 |
| Mean | 9.984 |
| Median | 9.085 |
| SD | 2.938 |
| SE of Mean | 0.49 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24812 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 5.31 |
| Maximum | 13.8 |
| Mean | 7.866 |
| Median | 7.36 |
| SD | 2.088 |
| SE of Mean | 0.388 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (24813 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 6.84 |
| Maximum | 30.1 |
| Mean | 13.04 |
| Median | 9.5 |
| SD | 7.832 |
| SE of Mean | 2.022 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24815 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 26 |
| Minimum | 4.84 |
| Maximum | 23.1 |
| Mean | 11.1 |
| Median | 9.79 |
| SD | 4.463 |
| SE of Mean | 0.815 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24818 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 4.94 |
| Maximum | 17.6 |
| Mean | 7.846 |
| Median | 7.175 |
| SD | 2.43 |
| SE of Mean | 0.417 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24819 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 6.98 |
| Maximum | 51.7 |
| Mean | 10.35 |
| Median | 8.385 |
| SD | 7.719 |
| SE of Mean | 1.324 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24822 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 5.65 |
| Maximum | 74.9 |
| Mean | 9.924 |
| Median | 7.7 |
| SD | 10.4 |
| SE of Mean | 1.586 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0233 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.89 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24823 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 6.42 |
| Maximum | 15.7 |
| Mean | 9.522 |
| Median | 9.01 |
| SD | 2.138 |
| SE of Mean | 0.342 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24825 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 98 |
| Number of Distinct Observations | 88 |
| Minimum | 6.07 |
| Maximum | 24.9 |
| Mean | 9.136 |

| | |
|---|---|
| Median | 8.7 |
| SD | 2.576 |
| SE of Mean | 0.26 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24828 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 5.04 |
| Maximum | 17.5 |
| Mean | 8.29 |
| Median | 7.575 |
| SD | 2.913 |
| SE of Mean | 0.485 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24829 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 47 |
| Minimum | 6.42 |
| Maximum | 18.1 |
| Mean | 8.897 |
| Median | 8.895 |
| SD | 1.877 |
| SE of Mean | 0.271 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (24832 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |

| | |
|---|---|
| Number of Distinct Observations | 37 |
| Minimum | 5.89 |
| Maximum | 19.7 |
| Mean | 8.714 |
| Median | 8.405 |
| SD | 2.504 |
| SE of Mean | 0.406 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24833 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 5.88 |
| Maximum | 23.2 |
| Mean | 9.112 |
| Median | 8.78 |
| SD | 2.722 |
| SE of Mean | 0.415 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24838 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 6.29 |
| Maximum | 18.6 |
| Mean | 9.095 |
| Median | 8.435 |
| SD | 2.447 |
| SE of Mean | 0.462 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24904 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 74 |
| Number of Distinct Observations | 64 |
| Minimum | 2.9 |
| Maximum | 17.2 |
| Mean | 9.065 |
| Median | 8.68 |
| SD | 1.758 |
| SE of Mean | 0.204 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (24912 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 31 |
| Minimum | 5.99 |
| Maximum | 18.2 |
| Mean | 8.658 |
| Median | 7.97 |
| SD | 2.507 |
| SE of Mean | 0.418 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (301 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 26 |
| Minimum | 7.81 |
| Maximum | 37.7 |
| Mean | 18.65 |
| Median | 17 |
| SD | 7.083 |
| SE of Mean | 1.315 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (305 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 54 |
| Number of Distinct Observations | 47 |
| Minimum | 6.36 |
| Maximum | 78.3 |
| Mean | 19.04 |
| Median | 17.7 |
| SD | 11.43 |
| SE of Mean | 1.555 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0185 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.937 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (311 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 71 |
| Number of Distinct Observations | 64 |
| Minimum | 8.57 |
| Maximum | 115 |
| Mean | 25.05 |
| Median | 22.1 |
| SD | 16.2 |
| SE of Mean | 1.923 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0423 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.695 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (317 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 52 |
| Minimum | 11.2 |
| Maximum | 35.4 |
| Mean | 21.63 |
| Median | 22.65 |
| SD | 5.56 |
| SE of Mean | 0.73 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (321 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 34 |
| Minimum | 12.3 |
| Maximum | 58.1 |
| Mean | 24.95 |
| Median | 23.35 |
| SD | 9.073 |
| SE of Mean | 1.435 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (327 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 16.5 |
| Maximum | 27.9 |
| Mean | 20.57 |
| Median | 19 |
| SD | 4.026 |
| SE of Mean | 1.162 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (331 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 8.13 |
| Maximum | 38.3 |
| Mean | 21.43 |
| Median | 20.8 |
| SD | 5.98 |
| SE of Mean | 1.13 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (337 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 7.98 |
| Maximum | 37.7 |
| Mean | 18.45 |
| Median | 18.85 |
| SD | 6.016 |
| SE of Mean | 1.032 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (341 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 43 |
| Minimum | 10.8 |
| Maximum | 34.4 |
| Mean | 19.34 |
| Median | 20.25 |
| SD | 5.184 |
| SE of Mean | 0.748 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (344 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 30 |
| Minimum | 6.12 |
| Maximum | 22.4 |
| Mean | 9.944 |
| Median | 9.76 |

| | |
|---|---|
| SD | 2.961 |
| SE of Mean | 0.501 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (345 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 93 |
| Number of Distinct Observations | 78 |
| Minimum | 5.9 |
| Maximum | 26.6 |
| Mean | 9.869 |
| Median | 9.3 |
| SD | 3.001 |
| SE of Mean | 0.311 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (347 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 28 |
| Minimum | 9.65 |
| Maximum | 35.2 |
| Mean | 19 |
| Median | 19.2 |
| SD | 6.259 |
| SE of Mean | 1.106 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (348 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 45 |

| | |
|---|---|
| Minimum | 5.61 |
| Maximum | 12.2 |
| Mean | 8.698 |
| Median | 8.68 |
| SD | 1.657 |
| SE of Mean | 0.237 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (348 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 49 |
| Minimum | 6.34 |
| Maximum | 31.7 |
| Mean | 9.576 |
| Median | 8.85 |
| SD | 3.495 |
| SE of Mean | 0.489 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (351 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 29 |
| Minimum | 10 |
| Maximum | 24.7 |
| Mean | 16.9 |
| Median | 16.95 |
| SD | 4.375 |
| SE of Mean | 0.773 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (352 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 6.05 |
| Maximum | 17.8 |
| Mean | 9.148 |
| Median | 8.25 |
| SD | 2.679 |
| SE of Mean | 0.474 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (353 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 6.09 |
| Maximum | 13.3 |
| Mean | 9.486 |
| Median | 9.42 |
| SD | 1.677 |
| SE of Mean | 0.297 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (354 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 37 |
| Minimum | 7.49 |
| Maximum | 27.4 |
| Mean | 9.941 |
| Median | 8.52 |
| SD | 3.719 |
| SE of Mean | 0.596 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (357 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 36 |
| Minimum | 9.3 |
| Maximum | 37.2 |
| Mean | 16.69 |
| Median | 16.55 |
| SD | 5.174 |
| SE of Mean | 0.818 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (357 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 7 |
| Maximum | 12.6 |
| Mean | 9.69 |
| Median | 9.665 |
| SD | 1.578 |
| SE of Mean | 0.322 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (358 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 4 |
| Maximum | 11.5 |
| Mean | 7.627 |
| Median | 7.63 |
| SD | 1.747 |
| SE of Mean | 0.266 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (360 248th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 41 |
| Minimum | 5.81 |
| Maximum | 17.8 |
| Mean | 8.855 |
| Median | 8.715 |
| SD | 1.559 |
| SE of Mean | 0.225 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (361 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 21 |
| Minimum | 8.28 |
| Maximum | 29.7 |
| Mean | 17.56 |
| Median | 17.3 |
| SD | 5.291 |
| SE of Mean | 1.103 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Copper(0-10) (362 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 24 |
| Minimum | 5.72 |
| Maximum | 14.7 |
| Mean | 8.847 |
| Median | 8.56 |
| SD | 2.19 |
| SE of Mean | 0.438 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (363 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 7.49 |
| Maximum | 36.3 |
| Mean | 14.45 |
| Median | 9.51 |
| SD | 8.868 |
| SE of Mean | 1.707 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (364 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 47 |
| Minimum | 6.68 |
| Maximum | 158 |
| Mean | 18.83 |
| Median | 10.01 |
| SD | 28.07 |
| SE of Mean | 4.052 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0625 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.433 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (367 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 12 |
| Minimum | 7.47 |
| Maximum | 35.2 |
| Mean | 18.12 |
| Median | 16.9 |
| SD | 6.961 |

| | |
|---|---|
| SE of Mean | 1.931 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (367 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 41 |
| Minimum | 2.88 |
| Maximum | 12.8 |
| Mean | 8.939 |
| Median | 8.72 |
| SD | 1.939 |
| SE of Mean | 0.286 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (368 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 55 |
| Number of Distinct Observations | 54 |
| Minimum | 5.49 |
| Maximum | 13.9 |
| Mean | 8.571 |
| Median | 8.38 |
| SD | 1.923 |
| SE of Mean | 0.259 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (373 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 6.63 |

| | |
|---|---|
| Maximum | 23.3 |
| Mean | 9.789 |
| Median | 8.435 |
| SD | 4.02 |
| SE of Mean | 0.62 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (374 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 120 |
| Number of Distinct Observations | 100 |
| Minimum | 2.42 |
| Maximum | 40.6 |
| Mean | 10.01 |
| Median | 8.9 |
| SD | 4.591 |
| SE of Mean | 0.419 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.304 |
| Critical Value (0.05) | 1.645 |
| P-Value | 0.0106 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**

**P-Value < Alpha (0.05)**

**Copper(0-10) (374 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 5.16 |
| Maximum | 14.1 |
| Mean | 8.9 |
| Median | 8.33 |
| SD | 2.128 |
| SE of Mean | 0.41 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (377 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 12.2 |
| Maximum | 30.3 |
| Mean | 19.59 |
| Median | 19.15 |
| SD | 3.922 |
| SE of Mean | 0.693 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (377 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 4.7 |
| Maximum | 17.9 |
| Mean | 8.587 |
| Median | 7.83 |
| SD | 2.499 |
| SE of Mean | 0.435 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (378 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 36 |
| Minimum | 5.04 |
| Maximum | 12.9 |
| Mean | 8.801 |
| Median | 8.31 |
| SD | 1.815 |
| SE of Mean | 0.283 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (383 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 5.87 |
| Maximum | 20 |
| Mean | 9.023 |
| Median | 7.965 |
| SD | 3.189 |
| SE of Mean | 0.564 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (402 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 28 |
| Minimum | 6.49 |
| Maximum | 17.2 |
| Mean | 9.508 |
| Median | 9.08 |
| SD | 2.33 |
| SE of Mean | 0.412 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Copper(0-10) (408 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 5.93 |
| Maximum | 45.9 |
| Mean | 13.8 |
| Median | 9.555 |
| SD | 10.61 |
| SE of Mean | 2.165 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Copper(0-10) (412 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 77 |
| Number of Distinct Observations | 71 |
| Minimum | 3.71 |
| Maximum | 29.8 |
| Mean | 10.11 |
| Median | 8.57 |
| SD | 5.542 |
| SE of Mean | 0.632 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24401 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 4.17 |
| Maximum | 87 |
| Mean | 11.51 |
| Median | 8.22 |
| SD | 14.13 |
| SE of Mean | 2.459 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24402 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 47 |
| Minimum | 4.9 |
| Maximum | 24.6 |
| Mean | 8.432 |
| Median | 7.915 |
| SD | 2.94 |
| SE of Mean | 0.424 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24402 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 127 |
| Number of Distinct Observations | 114 |
| Minimum | 3.3 |
| Maximum | 50.1 |
| Mean | 9.056 |
| Median | 8 |
| SD | 5.822 |
| SE of Mean | 0.517 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.382 |
| Critical Value (0.05) | 1.645 |

P-Value 0.00861

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value < Alpha (0.05)

**Lead(0-10) (24402 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 36 |
| Minimum | 4.5 |
| Maximum | 38 |
| Mean | 9.567 |
| Median | 7.215 |
| SD | 7.28 |
| SE of Mean | 1.151 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24403 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 45 |
| Minimum | 4.48 |
| Maximum | 35 |
| Mean | 9.872 |
| Median | 8.245 |
| SD | 5.953 |
| SE of Mean | 0.878 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24403 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 62 |
| Number of Distinct Observations | 56 |
| Minimum | 5.02 |
| Maximum | 43.6 |
| Mean | 11.26 |
| Median | 9.655 |
| SD | 5.822 |
| SE of Mean | 0.739 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24405 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 21 |
| Minimum | 6.65 |
| Maximum | 16 |
| Mean | 11.14 |
| Median | 10.9 |
| SD | 2.375 |
| SE of Mean | 0.475 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24406 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 1.91 |
| Maximum | 30.8 |
| Mean | 7.519 |
| Median | 5.835 |
| SD | 6.132 |
| SE of Mean | 0.97 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24406 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 4.35 |
| Maximum | 62.7 |
| Mean | 11.16 |

| | |
|---|---|
| Median | 7.27 |
| SD | 13.48 |
| SE of Mean | 2.547 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24406 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 21 |
| Minimum | 2.52 |
| Maximum | 58.7 |
| Mean | 15.94 |
| Median | 9.53 |
| SD | 16.29 |
| SE of Mean | 3.397 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24406 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 25 |
| Minimum | 5.6 |
| Maximum | 27.2 |
| Mean | 10.22 |
| Median | 8.155 |
| SD | 5.646 |
| SE of Mean | 1.107 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24409 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |

| | |
|---|---|
| Number of Distinct Observations | 24 |
| Minimum | 5.99 |
| Maximum | 72.5 |
| Mean | 17.03 |
| Median | 9.785 |
| SD | 17.27 |
| SE of Mean | 3.526 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0833 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.339 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24409 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 5.37 |
| Maximum | 177 |
| Mean | 14.55 |
| Median | 7.15 |
| SD | 30.19 |
| SE of Mean | 5.256 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24410 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 2.21 |
| Maximum | 35.9 |
| Mean | 10.4 |
| Median | 7.38 |
| SD | 8.093 |
| SE of Mean | 1.409 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24411 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 69 |
| Number of Distinct Observations | 67 |
| Minimum | 2.11 |
| Maximum | 88.5 |
| Mean | 9.186 |
| Median | 6.3 |
| SD | 11.52 |
| SE of Mean | 1.387 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0145 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.971 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24411 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 4.28 |
| Maximum | 81.9 |
| Mean | 16.4 |
| Median | 9.96 |
| SD | 18.59 |
| SE of Mean | 3.056 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.558 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24412 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 29 |
| Minimum | 6.33 |
| Maximum | 87 |
| Mean | 17.87 |
| Median | 9.88 |
| SD | 20.04 |
| SE of Mean | 3.599 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0645 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.463 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24412 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 61 |
| Number of Distinct Observations | 60 |
| Minimum | 4.95 |
| Maximum | 39.5 |
| Mean | 8.497 |
| Median | 7.5 |
| SD | 4.588 |
| SE of Mean | 0.587 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24413 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 5.88 |
| Maximum | 59.1 |
| Mean | 12.02 |
| Median | 8.435 |
| SD | 11.46 |
| SE of Mean | 2.34 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24413 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 3.63 |
| Maximum | 83.5 |
| Mean | 13.72 |
| Median | 7.475 |
| SD | 17.21 |
| SE of Mean | 3.253 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.762

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24416 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 50 |
| Minimum | 0.18 |
| Maximum | 115 |
| Mean | 8.306 |
| Median | 4.465 |
| SD | 16.25 |
| SE of Mean | 2.298 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.02 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.923 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24416 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 20 |
| Minimum | 5.93 |
| Maximum | 100 |
| Mean | 13.45 |
| Median | 8.46 |
| SD | 19.99 |
| SE of Mean | 4.363 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0476 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.659 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24416 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 1.02 |
| Maximum | 32.3 |
| Mean | 9.318 |
| Median | 6.21 |
| SD | 8.336 |
| SE of Mean | 1.451 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24416 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 3.94 |
| Maximum | 64.4 |
| Mean | 8.768 |
| Median | 6.975 |
| SD | 9.219 |
| SE of Mean | 1.423 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0238 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.884 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24417 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 8 |
| Number of Distinct Observations | 8 |
| Minimum | 4.5 |
| Maximum | 22.4 |
| Mean | 9.354 |
| Median | 8.24 |
| SD | 5.531 |
| SE of Mean | 1.955 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24417 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 46 |
| Minimum | 5.41 |
| Maximum | 32.4 |
| Mean | 11.5 |
| Median | 9.33 |

| | |
|---|---|
| SD | 6.799 |
| SE of Mean | 0.992 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24419 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 5.57 |
| Maximum | 39.5 |
| Mean | 11.48 |
| Median | 8.165 |
| SD | 8.504 |
| SE of Mean | 1.503 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24419 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 2.54 |
| Maximum | 29.1 |
| Mean | 7.938 |
| Median | 6.76 |
| SD | 5.377 |
| SE of Mean | 0.951 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24420 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |

| | |
|---|---|
| Minimum | 2.54 |
| Maximum | 89.5 |
| Mean | 11.17 |
| Median | 8.37 |
| SD | 15.18 |
| SE of Mean | 2.642 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24421 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 3.76 |
| Maximum | 39.6 |
| Mean | 9.388 |
| Median | 8.13 |
| SD | 6.41 |
| SE of Mean | 1.17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24422 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 42 |
| Minimum | 1.22 |
| Maximum | 39.7 |
| Mean | 6.905 |
| Median | 5.49 |
| SD | 6.342 |
| SE of Mean | 0.967 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24422 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 5.07 |
| Maximum | 51.4 |
| Mean | 10.37 |
| Median | 7.81 |
| SD | 8.478 |
| SE of Mean | 1.413 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24422 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 6.61 |
| Maximum | 20.2 |
| Mean | 9.703 |
| Median | 9.06 |
| SD | 3.001 |
| SE of Mean | 0.557 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24423 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 13 |
| Minimum | 5.07 |
| Maximum | 63.5 |
| Mean | 11.8 |
| Median | 7.33 |
| SD | 15.61 |
| SE of Mean | 4.33 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0769 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.487

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24423 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 1.75 |
| Maximum | 18.4 |
| Mean | 6.042 |
| Median | 4.98 |
| SD | 3.535 |
| SE of Mean | 0.581 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24423 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 3.15 |
| Maximum | 14.5 |
| Mean | 6.497 |
| Median | 6.01 |
| SD | 2.52 |
| SE of Mean | 0.398 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24426 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 2.35 |
| Maximum | 59.4 |
| Mean | 11.35 |
| Median | 5.905 |
| SD | 12.51 |
| SE of Mean | 2.554 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24426 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 4.44 |
| Maximum | 20.8 |
| Mean | 8.466 |
| Median | 6.825 |
| SD | 4.226 |
| SE of Mean | 0.772 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24426 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 2.13 |
| Maximum | 40.4 |
| Mean | 8.703 |
| Median | 7.39 |
| SD | 6.929 |
| SE of Mean | 1.265 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24426 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 43 |
| Minimum | 4.22 |
| Maximum | 49.1 |
| Mean | 10.79 |
| Median | 8.01 |
| SD | 7.384 |
| SE of Mean | 1.055 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24427 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 24 |
| Minimum | 3.95 |
| Maximum | 18.5 |
| Mean | 8.595 |
| Median | 8.15 |
| SD | 3.375 |
| SE of Mean | 0.675 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24427 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 38 |
| Minimum | 5.13 |
| Maximum | 81.8 |
| Mean | 11.72 |
| Median | 8.05 |
| SD | 13.11 |
| SE of Mean | 2.126 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0263 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.858 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24429 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 19 |
| Number of Distinct Observations | 18 |
| Minimum | 5.33 |
| Maximum | 21.1 |
| Mean | 9.175 |
| Median | 7.59 |
| SD | 4.324 |

| | |
|---|---|
| SE of Mean | 0.992 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24429 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 1.47 |
| Maximum | 23.5 |
| Mean | 8.218 |
| Median | 6.13 |
| SD | 5.377 |
| SE of Mean | 0.999 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24430 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 1.08 |
| Maximum | 66.8 |
| Mean | 9.567 |
| Median | 5.755 |
| SD | 12.44 |
| SE of Mean | 2.272 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.785 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24431 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 3.6 |

| | |
|---|---|
| Maximum | 36.4 |
| Mean | 8.413 |
| Median | 5.09 |
| SD | 7.638 |
| SE of Mean | 1.291 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24432 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 67 |
| Number of Distinct Observations | 63 |
| Minimum | 4.83 |
| Maximum | 24.3 |
| Mean | 10.61 |
| Median | 9.12 |
| SD | 4.875 |
| SE of Mean | 0.596 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24433 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 4.07 |
| Maximum | 307 |
| Mean | 19.5 |
| Median | 7.41 |
| SD | 57.59 |
| SE of Mean | 11.08 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.037 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.75 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24436 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 0.87 |
| Maximum | 17.5 |
| Mean | 5.547 |
| Median | 5.44 |
| SD | 3.65 |
| SE of Mean | 0.617 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24502 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 50 |
| Minimum | 3.28 |
| Maximum | 1330 |
| Mean | 35.06 |
| Median | 7.59 |
| SD | 185 |
| SE of Mean | 25.91 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0196 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.927

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24502 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 57 |
| Minimum | 2.55 |
| Maximum | 29.8 |
| Mean | 6.091 |
| Median | 5.16 |
| SD | 4.313 |
| SE of Mean | 0.566 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24502 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 46 |
| Minimum | 0.31 |
| Maximum | 12.5 |
| Mean | 4.975 |
| Median | 4.94 |
| SD | 2.796 |
| SE of Mean | 0.404 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24502 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 44 |
| Number of Distinct Observations | 44 |
| Minimum | 4.18 |
| Maximum | 33 |
| Mean | 9.609 |
| Median | 7.965 |
| SD | 5.712 |
| SE of Mean | 0.861 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24503 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 5.83 |
| Maximum | 19 |
| Mean | 8.593 |
| Median | 7.74 |
| SD | 2.631 |
| SE of Mean | 0.488 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24503 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 60 |
| Number of Distinct Observations | 58 |
| Minimum | 3.91 |
| Maximum | 21.9 |
| Mean | 8.971 |
| Median | 7.785 |
| SD | 3.956 |
| SE of Mean | 0.511 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24503 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 3.73 |
| Maximum | 32.5 |
| Mean | 7.411 |
| Median | 6.06 |
| SD | 5.442 |
| SE of Mean | 1.028 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24503 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 3.85 |
| Maximum | 14.1 |
| Mean | 7.145 |
| Median | 6.565 |
| SD | 2.51 |
| SE of Mean | 0.431 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24506 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 5.08 |
| Maximum | 60 |
| Mean | 11.86 |
| Median | 9.38 |
| SD | 9.455 |
| SE of Mean | 1.576 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24507 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 5.35 |
| Maximum | 21.3 |
| Mean | 9.264 |
| Median | 8.07 |
| SD | 2.968 |
| SE of Mean | 0.495 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24508 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 4.94 |
| Maximum | 35.5 |
| Mean | 8.621 |
| Median | 6.92 |
| SD | 5.074 |
| SE of Mean | 0.802 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24508 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 20 |
| Minimum | 0.18 |
| Maximum | 12.9 |
| Mean | 5.32 |
| Median | 5.535 |
| SD | 3.262 |
| SE of Mean | 0.666 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24508 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 38 |
| Minimum | 2.7 |
| Maximum | 52.8 |
| Mean | 8.27 |
| Median | 5.82 |
| SD | 8.7 |
| SE of Mean | 1.393 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24509 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 5.2 |
| Maximum | 32.1 |

| | |
|---|---|
| Mean | 10.39 |
| Median | 7.97 |
| SD | 6.044 |
| SE of Mean | 1.085 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24509 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 45 |
| Minimum | 4.11 |
| Maximum | 48.4 |
| Mean | 9.647 |
| Median | 7.65 |
| SD | 7.123 |
| SE of Mean | 1.039 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24509 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 4.27 |
| Maximum | 73.4 |
| Mean | 11.81 |
| Median | 7.09 |
| SD | 13.57 |
| SE of Mean | 2.23 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24512 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 44 |
| Minimum | 3.6 |
| Maximum | 31.8 |
| Mean | 8.149 |
| Median | 6.75 |
| SD | 4.627 |
| SE of Mean | 0.668 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24512 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 3.52 |
| Maximum | 18.5 |
| Mean | 6.41 |
| Median | 5.44 |
| SD | 3.271 |
| SE of Mean | 0.545 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24512 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 24 |
| Minimum | 0.18 |
| Maximum | 15.1 |
| Mean | 4.773 |
| Median | 5.13 |
| SD | 3.447 |
| SE of Mean | 0.651 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24512 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 44 |
| Minimum | 3.27 |
| Maximum | 53.6 |
| Mean | 8.268 |
| Median | 7.285 |
| SD | 7.056 |
| SE of Mean | 1.04 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24513 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 3.47 |
| Maximum | 18.2 |
| Mean | 7.465 |
| Median | 7.13 |
| SD | 2.766 |
| SE of Mean | 0.455 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24513 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 51 |
| Minimum | 3.3 |
| Maximum | 20.5 |
| Mean | 6.729 |
| Median | 5.87 |
| SD | 3.432 |
| SE of Mean | 0.481 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Lead(0-10) (24513 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 3.14 |
| Maximum | 26.7 |
| Mean | 7.81 |
| Median | 6.42 |
| SD | 5.391 |
| SE of Mean | 0.984 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24516 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 4.69 |
| Maximum | 17 |
| Mean | 8.912 |
| Median | 7.435 |
| SD | 3.861 |
| SE of Mean | 0.705 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24517 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 4.67 |
| Maximum | 19.6 |
| Mean | 9.514 |
| Median | 7.195 |
| SD | 5.148 |
| SE of Mean | 1.486 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24518 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 43 |
| Minimum | 3.89 |
| Maximum | 72.2 |
| Mean | 8.871 |
| Median | 6.14 |
| SD | 10.45 |
| SE of Mean | 1.557 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0222 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.901 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24518 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 35 |
| Minimum | 0.18 |
| Maximum | 96 |
| Mean | 7.103 |
| Median | 3.665 |
| SD | 14.91 |
| SE of Mean | 2.3 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0238 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.884 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24518 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 3.72 |
| Maximum | 20.8 |
| Mean | 7.59 |
| Median | 6.415 |
| SD | 4.439 |
| SE of Mean | 0.81 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24519 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 4.06 |
| Maximum | 18.7 |
| Mean | 8.316 |
| Median | 6.69 |
| SD | 3.672 |
| SE of Mean | 0.621 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24519 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 0.18 |
| Maximum | 34.3 |
| Mean | 9.141 |
| Median | 7.115 |
| SD | 7.789 |
| SE of Mean | 1.422 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24522 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 1.1 |
| Maximum | 15.1 |
| Mean | 6.234 |

| | |
|---|---|
| Median | 6.17 |
| SD | 3.354 |
| SE of Mean | 0.645 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24522 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 3.81 |
| Maximum | 22 |
| Mean | 7.331 |
| Median | 5.615 |
| SD | 4.62 |
| SE of Mean | 0.873 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24522 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 0.18 |
| Maximum | 26.6 |
| Mean | 5.238 |
| Median | 4.845 |
| SD | 4.574 |
| SE of Mean | 0.762 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24522 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |

| | |
|---|---|
| Number of Distinct Observations | 34 |
| Minimum | 0.18 |
| Maximum | 16.9 |
| Mean | 6.227 |
| Median | 6.4 |
| SD | 3.09 |
| SE of Mean | 0.522 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24523 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 44 |
| Minimum | 3.44 |
| Maximum | 148 |
| Mean | 14.78 |
| Median | 8.09 |
| SD | 23.61 |
| SE of Mean | 3.52 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0444 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.665 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24523 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 4.75 |
| Maximum | 21.6 |
| Mean | 8.916 |
| Median | 6.73 |
| SD | 4.527 |
| SE of Mean | 0.744 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24523 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 17 |
| Number of Distinct Observations | 17 |
| Minimum | 3.23 |
| Maximum | 28.5 |
| Mean | 9.909 |
| Median | 6.85 |
| SD | 6.981 |
| SE of Mean | 1.693 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24526 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 2.34 |
| Maximum | 12.1 |
| Mean | 6.245 |
| Median | 6.005 |
| SD | 2.275 |
| SE of Mean | 0.379 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24528 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 1.41 |
| Maximum | 15.1 |
| Mean | 5.88 |
| Median | 5.36 |
| SD | 3.188 |
| SE of Mean | 0.573 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24528 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 0.96 |
| Maximum | 31.2 |
| Mean | 6.037 |
| Median | 4.35 |
| SD | 6.12 |
| SE of Mean | 0.98 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24529 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 3.39 |
| Maximum | 29.9 |
| Mean | 7.983 |
| Median | 6.57 |
| SD | 4.978 |
| SE of Mean | 0.88 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24529 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 0.51 |
| Maximum | 14.5 |
| Mean | 4.971 |
| Median | 4.815 |
| SD | 3.056 |
| SE of Mean | 0.624 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24529 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 25 |
| Minimum | 0.67 |
| Maximum | 39.6 |
| Mean | 8.215 |
| Median | 3.765 |
| SD | 9.888 |
| SE of Mean | 1.939 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24532 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 24 |
| Minimum | 1.38 |
| Maximum | 22.7 |
| Mean | 6.559 |
| Median | 5.09 |
| SD | 4.62 |
| SE of Mean | 0.889 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24532 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 20 |
| Minimum | 2.31 |
| Maximum | 51.7 |
| Mean | 15.2 |
| Median | 10.8 |
| SD | 14.48 |
| SE of Mean | 3.161 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24532 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 22 |
| Minimum | 2.41 |
| Maximum | 67.7 |
| Mean | 10.27 |
| Median | 6.12 |
| SD | 13.43 |
| SE of Mean | 2.801 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0435 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.693 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24532 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 0.77 |
| Maximum | 11.3 |
| Mean | 4.618 |
| Median | 4.78 |
| SD | 2.414 |
| SE of Mean | 0.448 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24533 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 25 |
| Minimum | 4.13 |
| Maximum | 31 |
| Mean | 10.9 |
| Median | 7.9 |

| | |
|---|---|
| SD | 7.098 |
| SE of Mean | 1.42 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24533 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 0.18 |
| Maximum | 22.2 |
| Mean | 5.573 |
| Median | 4.88 |
| SD | 4.506 |
| SE of Mean | 0.837 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24533 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 50 |
| Minimum | 1.02 |
| Maximum | 20.6 |
| Mean | 4.928 |
| Median | 4.845 |
| SD | 2.916 |
| SE of Mean | 0.404 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24602 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |

| | |
|---|---|
| Minimum | 2.89 |
| Maximum | 26.2 |
| Mean | 10.27 |
| Median | 9.3 |
| SD | 5.248 |
| SE of Mean | 0.9 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24602 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 1.59 |
| Maximum | 21 |
| Mean | 5.937 |
| Median | 4.85 |
| SD | 3.843 |
| SE of Mean | 0.669 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24602 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 0.94 |
| Maximum | 76 |
| Mean | 11.37 |
| Median | 4.06 |
| SD | 17.69 |
| SE of Mean | 2.796 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.05 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.601 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24602 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 1.8 |
| Maximum | 42 |
| Mean | 6.685 |
| Median | 5.01 |
| SD | 7.509 |
| SE of Mean | 1.419 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24603 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 26 |
| Minimum | 4.25 |
| Maximum | 32 |
| Mean | 11.19 |
| Median | 8.21 |
| SD | 7.11 |
| SE of Mean | 1.394 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24603 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 47 |
| Minimum | 1.51 |
| Maximum | 16.1 |
| Mean | 6.195 |
| Median | 5.58 |
| SD | 3.068 |
| SE of Mean | 0.438 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24603 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 5.23 |
| Maximum | 44.4 |
| Mean | 9.324 |
| Median | 7.385 |
| SD | 7.547 |
| SE of Mean | 1.378 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24603 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 1.78 |
| Maximum | 73.8 |
| Mean | 7.075 |
| Median | 4.47 |
| SD | 12.95 |
| SE of Mean | 2.326 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0323 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.796 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24606 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 63 |
| Number of Distinct Observations | 62 |
| Minimum | 1.58 |
| Maximum | 22 |
| Mean | 6.38 |
| Median | 5.67 |
| SD | 3.726 |
| SE of Mean | 0.469 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24607 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 1.3 |
| Maximum | 29.4 |
| Mean | 8.573 |
| Median | 7.13 |
| SD | 5.267 |
| SE of Mean | 0.946 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24608 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 1.94 |
| Maximum | 76.2 |
| Mean | 12.97 |
| Median | 5.07 |
| SD | 16.92 |
| SE of Mean | 2.781 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.85 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24608 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 22 |
| Minimum | 2.15 |
| Maximum | 330 |
| Mean | 26.96 |
| Median | 7.52 |
| SD | 69.24 |
| SE of Mean | 14.76 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0909 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.302 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24608 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 1.17 |
| Maximum | 58.7 |
| Mean | 9.969 |
| Median | 5.19 |
| SD | 12.02 |
| SE of Mean | 1.901 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24609 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 1.68 |
| Maximum | 14.9 |
| Mean | 6.652 |
| Median | 5.6 |
| SD | 3.371 |
| SE of Mean | 0.616 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24609 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 2.25 |
| Maximum | 46.8 |
| Mean | 9.226 |
| Median | 5.885 |
| SD | 8.955 |

| | |
|---|---|
| SE of Mean | 1.536 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24609 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 44 |
| Minimum | 1.46 |
| Maximum | 16.1 |
| Mean | 5.363 |
| Median | 4.95 |
| SD | 2.451 |
| SE of Mean | 0.365 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24612 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 50 |
| Minimum | 2.7 |
| Maximum | 144 |
| Mean | 9.61 |
| Median | 6.54 |
| SD | 19.44 |
| SE of Mean | 2.722 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0196 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.927 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24612 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 46 |
| Minimum | 2 |

| | |
|---|---|
| Maximum | 17.2 |
| Mean | 5.822 |
| Median | 5.07 |
| SD | 2.945 |
| SE of Mean | 0.43 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24612 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 3.39 |
| Maximum | 74.3 |
| Mean | 10.11 |
| Median | 5.47 |
| SD | 12.91 |
| SE of Mean | 2.248 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24612 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 45 |
| Minimum | 2.74 |
| Maximum | 141 |
| Mean | 13.34 |
| Median | 7.03 |
| SD | 22.69 |
| SE of Mean | 3.345 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0435 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.677 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24613 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 48 |
| Minimum | 5.57 |
| Maximum | 14.9 |
| Mean | 8.73 |
| Median | 8.245 |
| SD | 2.002 |
| SE of Mean | 0.278 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24613 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 36 |
| Minimum | 3.89 |
| Maximum | 18.9 |
| Mean | 7.451 |
| Median | 5.86 |
| SD | 3.783 |
| SE of Mean | 0.606 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24613 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 47 |
| Minimum | 3.4 |
| Maximum | 221 |
| Mean | 18.85 |
| Median | 9.38 |
| SD | 35.8 |
| SE of Mean | 5.013 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0588 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.473

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24613 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 3.92 |
| Maximum | 13.7 |
| Mean | 5.893 |
| Median | 5.05 |
| SD | 2.345 |
| SE of Mean | 0.408 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24616 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 45 |
| Minimum | 1.24 |
| Maximum | 21 |
| Mean | 7.309 |
| Median | 6.45 |
| SD | 4.419 |
| SE of Mean | 0.652 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24617 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 3.14 |
| Maximum | 20.1 |
| Mean | 8.415 |
| Median | 7.335 |
| SD | 3.697 |
| SE of Mean | 0.634 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24618 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 24 |
| Minimum | 4.87 |
| Maximum | 20.3 |
| Mean | 8.96 |
| Median | 7.09 |
| SD | 4.606 |
| SE of Mean | 0.903 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24618 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 3.08 |
| Maximum | 62 |
| Mean | 13.67 |
| Median | 7.535 |
| SD | 14.53 |
| SE of Mean | 2.747 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 0.762

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24618 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 36 |
| Minimum | 2.51 |
| Maximum | 10.4 |
| Mean | 3.85 |
| Median | 3.45 |
| SD | 1.503 |
| SE of Mean | 0.238 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24619 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 4.37 |
| Maximum | 30.9 |
| Mean | 8.151 |
| Median | 7.185 |
| SD | 4.898 |
| SE of Mean | 0.926 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24619 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 38 |
| Minimum | 2.91 |
| Maximum | 36.2 |
| Mean | 11.56 |
| Median | 7.52 |
| SD | 9.002 |
| SE of Mean | 1.46 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24619 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 3.48 |
| Maximum | 15.7 |
| Mean | 5.575 |
| Median | 5.04 |
| SD | 2.559 |
| SE of Mean | 0.433 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24622 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 51 |
| Minimum | 0.85 |
| Maximum | 41.1 |
| Mean | 8.812 |
| Median | 7.02 |
| SD | 6.683 |
| SE of Mean | 0.918 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24622 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 3.36 |
| Maximum | 50.6 |
| Mean | 7.34 |
| Median | 5.34 |
| SD | 8.154 |
| SE of Mean | 1.398 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24623 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 3.79 |
| Maximum | 23.1 |

| | |
|---|---|
| Mean | 8.476 |
| Median | 7.005 |
| SD | 4.392 |
| SE of Mean | 0.776 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24623 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 4.04 |
| Maximum | 34.3 |
| Mean | 8.873 |
| Median | 6.545 |
| SD | 6.852 |
| SE of Mean | 1.142 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24627 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 48 |
| Minimum | 2.8 |
| Maximum | 26.3 |
| Mean | 9.159 |
| Median | 8.365 |
| SD | 4.696 |
| SE of Mean | 0.678 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24628 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 50 |
| Minimum | 0.48 |
| Maximum | 45 |
| Mean | 10.1 |
| Median | 8.07 |
| SD | 9.144 |
| SE of Mean | 1.268 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24628 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 3.49 |
| Maximum | 27.5 |
| Mean | 7.201 |
| Median | 6.55 |
| SD | 5.313 |
| SE of Mean | 1.252 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24629 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 37 |
| Minimum | 4.17 |
| Maximum | 20 |
| Mean | 8.395 |
| Median | 7 |
| SD | 4.279 |
| SE of Mean | 0.685 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24632 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 20 |
| Number of Distinct Observations | 19 |
| Minimum | 5.06 |
| Maximum | 30.1 |
| Mean | 8.921 |
| Median | 6.275 |
| SD | 6.811 |
| SE of Mean | 1.523 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24633 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 2.3 |
| Maximum | 390 |
| Mean | 20.24 |
| Median | 8.42 |
| SD | 60.73 |
| SE of Mean | 9.603 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.871

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24700 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 46 |
| Minimum | 1.27 |
| Maximum | 49.4 |
| Mean | 9.349 |
| Median | 7.03 |
| SD | 8.754 |
| SE of Mean | 1.291 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Lead(0-10) (24700 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 56 |
| Number of Distinct Observations | 54 |
| Minimum | 2.98 |
| Maximum | 77 |
| Mean | 8.44 |
| Median | 4.97 |
| SD | 13 |
| SE of Mean | 1.737 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0357 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.777 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24702 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 45 |
| Minimum | 4.47 |
| Maximum | 50.1 |
| Mean | 8.994 |
| Median | 6.99 |
| SD | 6.954 |
| SE of Mean | 1.025 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24702 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 4.24 |
| Maximum | 156 |
| Mean | 24.47 |
| Median | 11.6 |
| SD | 31.7 |
| SE of Mean | 5.788 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.1 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.188 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24703 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 2.15 |
| Maximum | 59.8 |
| Mean | 10.4 |
| Median | 7.215 |
| SD | 11.01 |
| SE of Mean | 1.835 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24703 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 4.21 |
| Maximum | 29.3 |
| Mean | 8.672 |
| Median | 7 |
| SD | 5.333 |
| SE of Mean | 0.854 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24703 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 50 |
| Minimum | 3.6 |
| Maximum | 36.3 |
| Mean | 7.292 |
| Median | 6.03 |
| SD | 4.727 |
| SE of Mean | 0.649 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24706 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 39 |
| Minimum | 2.55 |
| Maximum | 18.2 |
| Mean | 8.076 |
| Median | 7.6 |
| SD | 3.442 |
| SE of Mean | 0.525 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24706 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 3.74 |
| Maximum | 65 |
| Mean | 14.54 |
| Median | 7.74 |
| SD | 15.44 |
| SE of Mean | 2.688 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24707 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 2.99 |
| Maximum | 29.9 |
| Mean | 7.672 |

| | |
|---|---|
| Median | 5.42 |
| SD | 6.218 |
| SE of Mean | 1.022 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24708 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 3.43 |
| Maximum | 108 |
| Mean | 16.7 |
| Median | 11.6 |
| SD | 20.54 |
| SE of Mean | 3.378 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0541 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.558 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24709 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 3.38 |
| Maximum | 24.9 |
| Mean | 9.554 |
| Median | 6.96 |
| SD | 5.429 |
| SE of Mean | 0.893 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24709 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |

| | |
|---|---|
| Number of Distinct Observations | 43 |
| Minimum | 1.6 |
| Maximum | 68.2 |
| Mean | 15.28 |
| Median | 8.1 |
| SD | 16.4 |
| SE of Mean | 2.501 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0465 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.64 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24709 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 51 |
| Minimum | 3.77 |
| Maximum | 27.9 |
| Mean | 7.153 |
| Median | 5.495 |
| SD | 4.403 |
| SE of Mean | 0.611 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24710 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 43 |
| Minimum | 1.61 |
| Maximum | 140 |
| Mean | 10.11 |
| Median | 6.06 |
| SD | 20.69 |
| SE of Mean | 3.155 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0233 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.89 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24712 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 2.78 |
| Maximum | 37.3 |
| Mean | 6.273 |
| Median | 4.625 |
| SD | 6.062 |
| SE of Mean | 1.072 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24712 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 4.48 |
| Maximum | 220 |
| Mean | 20.84 |
| Median | 9.17 |
| SD | 41.53 |
| SE of Mean | 7.992 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0741 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.394 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24712 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 45 |
| Minimum | 3.62 |
| Maximum | 146 |
| Mean | 13.02 |
| Median | 7.59 |
| SD | 22.86 |
| SE of Mean | 3.408 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0444 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.665 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24713 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 1.6 |
| Maximum | 12 |
| Mean | 5.017 |
| Median | 4.16 |
| SD | 2.945 |
| SE of Mean | 0.484 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24713 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 30 |
| Minimum | 3.1 |
| Maximum | 209 |
| Mean | 20.68 |
| Median | 9.7 |
| SD | 36.07 |
| SE of Mean | 6.186 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0588 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.512

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24713 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 2.49 |
| Maximum | 21.8 |
| Mean | 4.741 |
| Median | 4.03 |
| SD | 3.316 |
| SE of Mean | 0.56 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24715 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 3.31 |
| Maximum | 34.7 |
| Mean | 8.541 |
| Median | 7.06 |
| SD | 5.809 |
| SE of Mean | 0.955 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24716 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 3.11 |
| Maximum | 32.6 |
| Mean | 8.19 |
| Median | 7.34 |
| SD | 6.093 |
| SE of Mean | 1.112 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24716 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 2.31 |
| Maximum | 21 |
| Mean | 8.695 |
| Median | 7.65 |
| SD | 5.989 |
| SE of Mean | 1.546 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24717 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 38 |
| Minimum | 2.6 |
| Maximum | 12.1 |
| Mean | 5.724 |
| Median | 5.05 |
| SD | 2.515 |
| SE of Mean | 0.408 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24718 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 65 |
| Number of Distinct Observations | 62 |
| Minimum | 3.05 |
| Maximum | 17.3 |
| Mean | 4.92 |
| Median | 4.33 |
| SD | 2.161 |
| SE of Mean | 0.268 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24718 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 3.95 |
| Maximum | 91 |
| Mean | 15.67 |
| Median | 10.5 |

| | |
|---|---|
| SD | 16.03 |
| SE of Mean | 2.79 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24719 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 2.15 |
| Maximum | 65.5 |
| Mean | 15.05 |
| Median | 7.57 |
| SD | 15.35 |
| SE of Mean | 2.672 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24719 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 4.19 |
| Maximum | 146 |
| Mean | 18.2 |
| Median | 9.225 |
| SD | 27.47 |
| SE of Mean | 5.192 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24719 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 41 |

| | |
|---|---|
| Minimum | 3.26 |
| Maximum | 82.8 |
| Mean | 8.038 |
| Median | 5.2 |
| SD | 12.22 |
| SE of Mean | 1.822 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0222 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.901 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24722 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 2.6 |
| Maximum | 17.9 |
| Mean | 7.246 |
| Median | 5.42 |
| SD | 3.982 |
| SE of Mean | 0.683 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24722 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 0.44 |
| Maximum | 18.6 |
| Mean | 5.741 |
| Median | 4.395 |
| SD | 3.771 |
| SE of Mean | 0.596 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24722 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 2.26 |
| Maximum | 27.8 |
| Mean | 8.758 |
| Median | 6.415 |
| SD | 6.549 |
| SE of Mean | 1.544 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24722 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 41 |
| Minimum | 3.1 |
| Maximum | 105 |
| Mean | 15.16 |
| Median | 7.09 |
| SD | 21.59 |
| SE of Mean | 3.372 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0488 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.614

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24723 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 21 |
| Minimum | 1.08 |
| Maximum | 23.1 |
| Mean | 6.386 |
| Median | 5.205 |
| SD | 4.86 |
| SE of Mean | 1.036 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24723 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 3.05 |
| Maximum | 43.1 |
| Mean | 8.319 |
| Median | 5.01 |
| SD | 8.381 |
| SE of Mean | 1.378 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24725 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 2.95 |
| Maximum | 111 |
| Mean | 9.84 |
| Median | 4.67 |
| SD | 18.26 |
| SE of Mean | 3.087 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24726 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 45 |
| Minimum | 0.71 |
| Maximum | 28.2 |
| Mean | 7.386 |
| Median | 6.22 |
| SD | 4.32 |
| SE of Mean | 0.617 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24726 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 33 |
| Minimum | 1.73 |
| Maximum | 17 |
| Mean | 4.863 |
| Median | 3.62 |
| SD | 3.555 |
| SE of Mean | 0.584 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24727 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 0.97 |
| Maximum | 65.4 |
| Mean | 7.985 |
| Median | 4.635 |
| SD | 11.28 |
| SE of Mean | 1.784 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.871 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24728 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 2.54 |
| Maximum | 27.5 |
| Mean | 5.126 |
| Median | 4.2 |
| SD | 4.291 |
| SE of Mean | 0.747 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24728 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 3.56 |
| Maximum | 239 |
| Mean | 30.61 |
| Median | 9.57 |
| SD | 46.29 |
| SE of Mean | 8.314 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.194 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0039 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Lead(0-10) (24729 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 3.17 |
| Maximum | 155 |
| Mean | 13.44 |
| Median | 5.42 |
| SD | 25.98 |
| SE of Mean | 4.392 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24729 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 3.84 |
| Maximum | 52.4 |
| Mean | 8.81 |
| Median | 7.395 |
| SD | 8.157 |

| | |
|---|---|
| SE of Mean | 1.399 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24729 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 16 |
| Number of Distinct Observations | 16 |
| Minimum | 3.1 |
| Maximum | 35 |
| Mean | 6.808 |
| Median | 4.495 |
| SD | 7.745 |
| SE of Mean | 1.936 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24732 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 1.22 |
| Maximum | 27.3 |
| Mean | 6.788 |
| Median | 5.22 |
| SD | 5.494 |
| SE of Mean | 0.903 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24732 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 1.71 |

| | |
|---|---|
| Maximum | 26.4 |
| Mean | 5.983 |
| Median | 3.45 |
| SD | 5.677 |
| SE of Mean | 0.96 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24732 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 2.63 |
| Maximum | 48.6 |
| Mean | 8.739 |
| Median | 5.55 |
| SD | 9.064 |
| SE of Mean | 1.578 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24732 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 40 |
| Minimum | 3.24 |
| Maximum | 19.8 |
| Mean | 6.513 |
| Median | 5.255 |
| SD | 3.343 |
| SE of Mean | 0.516 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24733 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 1.36 |
| Maximum | 18.8 |
| Mean | 7.021 |
| Median | 6.425 |
| SD | 4.401 |
| SE of Mean | 0.778 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24733 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 35 |
| Minimum | 4.58 |
| Maximum | 98.7 |
| Mean | 14.78 |
| Median | 10.4 |
| SD | 17.35 |
| SE of Mean | 2.815 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0263 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.858

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24733 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 4.01 |
| Maximum | 30.2 |
| Mean | 7.407 |
| Median | 6.285 |
| SD | 4.485 |
| SE of Mean | 0.709 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24735 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 2 |
| Maximum | 25 |
| Mean | 7.423 |
| Median | 5.305 |
| SD | 5.397 |
| SE of Mean | 0.899 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24736 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 50 |
| Minimum | 1.6 |
| Maximum | 40.7 |
| Mean | 9.126 |
| Median | 6.48 |
| SD | 7.369 |
| SE of Mean | 1.022 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24736 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 2.41 |
| Maximum | 12.3 |
| Mean | 5.69 |
| Median | 4.97 |
| SD | 2.056 |
| SE of Mean | 0.314 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24737 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 2.57 |
| Maximum | 51 |
| Mean | 8.207 |
| Median | 5.76 |
| SD | 9.001 |
| SE of Mean | 1.701 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24738 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 51 |
| Minimum | 2.36 |
| Maximum | 97.1 |
| Mean | 9.456 |
| Median | 4.89 |
| SD | 16.64 |
| SE of Mean | 2.331 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0392 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.731 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24738 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 2.29 |
| Maximum | 103 |
| Mean | 18.54 |
| Median | 8.485 |
| SD | 23.7 |
| SE of Mean | 4.19 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0938 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.214 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24739 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 38 |
| Minimum | 3.12 |
| Maximum | 39.1 |
| Mean | 11.02 |
| Median | 8.38 |
| SD | 7.757 |
| SE of Mean | 1.212 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24739 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 2.5 |
| Maximum | 45 |
| Mean | 6.116 |
| Median | 4.7 |
| SD | 6.674 |
| SE of Mean | 1.018 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24739 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 40 |
| Minimum | 3.12 |
| Maximum | 27.2 |
| Mean | 7.532 |
| Median | 5.69 |
| SD | 5.013 |
| SE of Mean | 0.774 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24740 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 61 |
| Minimum | 2.15 |
| Maximum | 31 |
| Mean | 9.083 |
| Median | 5.635 |
| SD | 7.02 |
| SE of Mean | 0.877 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24741 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 3.7 |
| Maximum | 20.9 |
| Mean | 9.676 |
| Median | 7.635 |
| SD | 5.577 |
| SE of Mean | 1.61 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24743 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 3.76 |
| Maximum | 23.1 |

| | |
|---|---|
| Mean | 8.917 |
| Median | 7.95 |
| SD | 4.078 |
| SE of Mean | 0.629 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24744 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 25 |
| Minimum | 4.01 |
| Maximum | 23.6 |
| Mean | 8.797 |
| Median | 6.97 |
| SD | 4.676 |
| SE of Mean | 0.935 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24748 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 4.39 |
| Maximum | 13.3 |
| Mean | 6.96 |
| Median | 5.81 |
| SD | 2.812 |
| SE of Mean | 0.574 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24749 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 3.84 |
| Maximum | 163 |
| Mean | 15.68 |
| Median | 10.1 |
| SD | 24.34 |
| SE of Mean | 3.712 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0233 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.89 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24752 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 42 |
| Minimum | 3.42 |
| Maximum | 265 |
| Mean | 13.79 |
| Median | 7 |
| SD | 38.81 |
| SE of Mean | 5.786 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0222 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.901 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24802 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 47 |
| Minimum | 2.49 |
| Maximum | 27.8 |
| Mean | 8.701 |
| Median | 5.82 |
| SD | 6.719 |
| SE of Mean | 0.98 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24803 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 3.37 |
| Maximum | 25 |
| Mean | 9.068 |
| Median | 5.745 |
| SD | 6.322 |
| SE of Mean | 1.118 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24803 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 2.87 |
| Maximum | 7.65 |
| Mean | 4.587 |
| Median | 4.59 |
| SD | 1.398 |
| SE of Mean | 0.329 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24809 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 3.89 |
| Maximum | 31 |
| Mean | 11.21 |
| Median | 9.08 |
| SD | 7.335 |
| SE of Mean | 1.412 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Lead(0-10) (24809 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 3.53 |
| Maximum | 21.3 |
| Mean | 7.004 |
| Median | 5.405 |
| SD | 4.15 |
| SE of Mean | 0.692 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24812 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 1.69 |
| Maximum | 26.7 |
| Mean | 6.334 |
| Median | 3.92 |
| SD | 6.328 |
| SE of Mean | 1.175 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (24813 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 4.33 |
| Maximum | 34.7 |
| Mean | 11.82 |
| Median | 7.76 |
| SD | 9.641 |
| SE of Mean | 2.489 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24815 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 3.5 |
| Maximum | 51.2 |
| Mean | 15 |
| Median | 11.45 |
| SD | 11.48 |
| SE of Mean | 2.096 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24818 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 2.21 |
| Maximum | 88.1 |
| Mean | 10.12 |
| Median | 4.795 |
| SD | 18.97 |
| SE of Mean | 3.254 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0588 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.512 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24819 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 3.65 |
| Maximum | 267 |
| Mean | 17.18 |
| Median | 6.58 |
| SD | 46.1 |
| SE of Mean | 7.907 |
| Number of Exceedances | 2 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0.0588 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.512 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24822 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 39 |
| Minimum | 2.74 |
| Maximum | 82.9 |
| Mean | 10.58 |
| Median | 5.38 |
| SD | 14.73 |
| SE of Mean | 2.246 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0233 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.89 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24823 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 39 |
| Minimum | 3.72 |
| Maximum | 16.1 |
| Mean | 7.072 |
| Median | 6.16 |
| SD | 3.148 |
| SE of Mean | 0.504 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24825 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 98 |
| Number of Distinct Observations | 93 |
| Minimum | 2.84 |
| Maximum | 34.5 |
| Mean | 8.725 |

| | |
|---|---|
| Median | 4.605 |
| SD | 7.812 |
| SE of Mean | 0.789 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24828 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 1.78 |
| Maximum | 191 |
| Mean | 15.08 |
| Median | 5.6 |
| SD | 33.45 |
| SE of Mean | 5.576 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0556 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.543 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24829 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 48 |
| Minimum | 4.44 |
| Maximum | 24 |
| Mean | 7.756 |
| Median | 6.65 |
| SD | 3.709 |
| SE of Mean | 0.535 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (24832 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |

| | |
|---|---|
| Number of Distinct Observations | 37 |
| Minimum | 3.36 |
| Maximum | 23.7 |
| Mean | 8.772 |
| Median | 7.09 |
| SD | 5.557 |
| SE of Mean | 0.901 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24833 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 4.26 |
| Maximum | 34.8 |
| Mean | 8.933 |
| Median | 7.08 |
| SD | 5.59 |
| SE of Mean | 0.852 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24838 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 3.01 |
| Maximum | 90.7 |
| Mean | 12.5 |
| Median | 7.95 |
| SD | 16.73 |
| SE of Mean | 3.163 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24904 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 74 |
| Number of Distinct Observations | 69 |
| Minimum | 2.71 |
| Maximum | 47.3 |
| Mean | 12.1 |
| Median | 8.83 |
| SD | 8.92 |
| SE of Mean | 1.037 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (24912 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 3.1 |
| Maximum | 48 |
| Mean | 10.44 |
| Median | 7.03 |
| SD | 9.78 |
| SE of Mean | 1.63 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (301 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 0.18 |
| Maximum | 39.1 |
| Mean | 7.106 |
| Median | 4.98 |
| SD | 7.829 |
| SE of Mean | 1.454 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (305 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 54 |
| Number of Distinct Observations | 52 |
| Minimum | 3.72 |
| Maximum | 115 |
| Mean | 16.93 |
| Median | 8.31 |
| SD | 24.16 |
| SE of Mean | 3.288 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0556 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.511 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (311 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 71 |
| Number of Distinct Observations | 70 |
| Minimum | 2.74 |
| Maximum | 254 |
| Mean | 38.69 |
| Median | 13.3 |
| SD | 54.88 |
| SE of Mean | 6.513 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.183 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.603E-05 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Lead(0-10) (317 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 56 |
| Minimum | 4.08 |
| Maximum | 207 |
| Mean | 20.75 |
| Median | 9.76 |
| SD | 37.04 |
| SE of Mean | 4.863 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0517 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.559 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (321 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 3.2 |
| Maximum | 38.2 |
| Mean | 11.11 |
| Median | 9.725 |
| SD | 6.419 |
| SE of Mean | 1.015 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (327 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 7.23 |
| Maximum | 12.7 |
| Mean | 8.59 |
| Median | 8.265 |
| SD | 1.473 |
| SE of Mean | 0.425 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (331 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 3.63 |
| Maximum | 22.4 |
| Mean | 7.868 |
| Median | 7.35 |
| SD | 3.26 |
| SE of Mean | 0.616 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (337 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 3.16 |
| Maximum | 15.6 |
| Mean | 7.549 |
| Median | 7.22 |
| SD | 2.482 |
| SE of Mean | 0.426 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (341 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 46 |
| Minimum | 4.15 |
| Maximum | 28.1 |
| Mean | 8.61 |
| Median | 7.1 |
| SD | 5.111 |
| SE of Mean | 0.738 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (344 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 34 |
| Minimum | 4.17 |
| Maximum | 65.7 |
| Mean | 12.58 |
| Median | 9.3 |

| | |
|---|---|
| SD | 11.6 |
| SE of Mean | 1.961 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (345 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 93 |
| Number of Distinct Observations | 84 |
| Minimum | 0.18 |
| Maximum | 203 |
| Mean | 14.34 |
| Median | 7.48 |
| SD | 27.41 |
| SE of Mean | 2.843 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0215 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.95 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (347 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 3.61 |
| Maximum | 26.9 |
| Mean | 9.608 |
| Median | 7.69 |
| SD | 6.506 |
| SE of Mean | 1.15 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (348 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 49 |

| | |
|---|---|
| Minimum | 2.98 |
| Maximum | 26 |
| Mean | 7.449 |
| Median | 5.32 |
| SD | 5.483 |
| SE of Mean | 0.783 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (348 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 49 |
| Minimum | 3.15 |
| Maximum | 133 |
| Mean | 15.28 |
| Median | 8.56 |
| SD | 21.82 |
| SE of Mean | 3.055 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0392 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.731 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (351 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 2.84 |
| Maximum | 135 |
| Mean | 11.95 |
| Median | 7.225 |
| SD | 22.79 |
| SE of Mean | 4.028 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0313 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.806 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (352 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 2.85 |
| Maximum | 56.9 |
| Mean | 13.26 |
| Median | 8.655 |
| SD | 11.98 |
| SE of Mean | 2.118 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (353 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 3.05 |
| Maximum | 24.6 |
| Mean | 7.154 |
| Median | 5.955 |
| SD | 4.387 |
| SE of Mean | 0.776 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (354 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 38 |
| Minimum | 1.6 |
| Maximum | 47.2 |
| Mean | 9.401 |
| Median | 4.74 |
| SD | 10.6 |
| SE of Mean | 1.697 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (357 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 3.05 |
| Maximum | 15.9 |
| Mean | 7.739 |
| Median | 7.465 |
| SD | 3.096 |
| SE of Mean | 0.49 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (357 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 4.4 |
| Maximum | 14.6 |
| Mean | 7.633 |
| Median | 5.95 |
| SD | 3.069 |
| SE of Mean | 0.627 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (358 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 43 |
| Minimum | 0.56 |
| Maximum | 39.4 |
| Mean | 7.38 |
| Median | 4.57 |
| SD | 7.528 |
| SE of Mean | 1.148 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (360 248th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 45 |
| Minimum | 3.4 |
| Maximum | 26.3 |
| Mean | 6.497 |
| Median | 5.13 |
| SD | 3.857 |
| SE of Mean | 0.557 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (361 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 23 |
| Minimum | 2.81 |
| Maximum | 18.1 |
| Mean | 7.638 |
| Median | 6.99 |
| SD | 3.973 |
| SE of Mean | 0.828 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Lead(0-10) (362 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 25 |
| Minimum | 3.53 |
| Maximum | 31.4 |
| Mean | 9.047 |
| Median | 6.19 |
| SD | 7.864 |
| SE of Mean | 1.573 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (363 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 4.65 |
| Maximum | 81.8 |
| Mean | 18.25 |
| Median | 7.27 |
| SD | 19.37 |
| SE of Mean | 3.728 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.037 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.75 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (364 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 45 |
| Minimum | 1.98 |
| Maximum | 153 |
| Mean | 10.57 |
| Median | 4.97 |
| SD | 22.43 |
| SE of Mean | 3.238 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0208 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.915 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (367 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 13 |
| Minimum | 2.53 |
| Maximum | 151 |
| Mean | 22.6 |
| Median | 10.6 |
| SD | 39.22 |

| | |
|---|---|
| SE of Mean | 10.88 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0769 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.487 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (367 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 42 |
| Minimum | 3.1 |
| Maximum | 67.7 |
| Mean | 11.83 |
| Median | 8.47 |
| SD | 12 |
| SE of Mean | 1.769 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0217 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.906 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (368 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 55 |
| Number of Distinct Observations | 53 |
| Minimum | 2.85 |
| Maximum | 144 |
| Mean | 11.66 |
| Median | 6.2 |
| SD | 20.26 |
| SE of Mean | 2.731 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0182 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.94 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (373 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 4.01 |

| | |
|---|---|
| Maximum | 31.1 |
| Mean | 11.31 |
| Median | 7.405 |
| SD | 8.128 |
| SE of Mean | 1.254 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (374 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 120 |
| Number of Distinct Observations | 111 |
| Minimum | 1.83 |
| Maximum | 241 |
| Mean | 14.97 |
| Median | 7.125 |
| SD | 30.92 |
| SE of Mean | 2.823 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.0333 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -0.628 |
| Critical Value (0.05) | 1.645 |
| P-Value | 0.265 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

**Lead(0-10) (374 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 3.57 |
| Maximum | 32.9 |
| Mean | 9.639 |
| Median | 6.57 |
| SD | 8.351 |
| SE of Mean | 1.607 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (377 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 5.04 |
| Maximum | 28.3 |
| Mean | 9.642 |
| Median | 7.825 |
| SD | 4.96 |
| SE of Mean | 0.877 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (377 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 0.5 |
| Maximum | 26.2 |
| Mean | 6.162 |
| Median | 4.62 |
| SD | 6.134 |
| SE of Mean | 1.068 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (378 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 41 |
| Minimum | 3.42 |
| Maximum | 44.9 |
| Mean | 7.808 |
| Median | 6.58 |
| SD | 6.581 |
| SE of Mean | 1.028 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (383 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 3.83 |
| Maximum | 24.7 |
| Mean | 9.507 |
| Median | 7.245 |
| SD | 5.758 |
| SE of Mean | 1.018 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (402 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 1.82 |
| Maximum | 29.9 |
| Mean | 7.131 |
| Median | 5.06 |
| SD | 6.421 |
| SE of Mean | 1.135 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Lead(0-10) (408 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 3.42 |
| Maximum | 127 |
| Mean | 14.39 |
| Median | 6.975 |
| SD | 24.68 |
| SE of Mean | 5.038 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0417 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.708 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Lead(0-10) (412 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 77 |
| Number of Distinct Observations | 71 |
| Minimum | 1.34 |
| Maximum | 381 |
| Mean | 17.26 |
| Median | 6.89 |
| SD | 46.27 |
| SE of Mean | 5.273 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.039 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.747 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24401 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.218 |
| Median | 0.23 |
| SD | 0.0291 |
| SE of Mean | 0.00507 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24402 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.805E-16 |
| SE of Mean | 4.049E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24402 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 127 |
| Number of Distinct Observations | 12 |
| Minimum | 0.23 |
| Maximum | 0.74 |
| Mean | 0.253 |
| Median | 0.23 |
| SD | 0.0833 |
| SE of Mean | 0.0074 |
| Number of Exceedances | 12 |
| Sample Proportion of Exceedances | 0.0945 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | 2.097 |
| Critical Value (0.05) | 1.645 |

| | |
|---|---|
| P-Value | 0.018 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05

P-Value < Alpha (0.05)

**Thallium(0-10) (24402 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 3 |
| Minimum | 0.1 |
| Maximum | 0.3 |
| Mean | 0.203 |
| Median | 0.23 |
| SD | 0.057 |
| SE of Mean | 0.00901 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.871 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24403 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.724E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24403 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 62 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 3.078E-16 |
| SE of Mean | 3.909E-17 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24405 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.416E-16 |
| SE of Mean | 2.833E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24406 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.53E-16 |
| SE of Mean | 4E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24406 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.173 |

| | |
|---|---|
| Median | 0.15 |
| SD | 0.0368 |
| SE of Mean | 0.00696 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24406 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.196 |
| Median | 0.23 |
| SD | 0.0584 |
| SE of Mean | 0.0122 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24406 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.415E-16 |
| SE of Mean | 2.776E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24409 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |

| | |
|---|---|
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.19 |
| Median | 0.19 |
| SD | 0.0409 |
| SE of Mean | 0.00834 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24409 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 3 |
| Minimum | 0.23 |
| Maximum | 0.89 |
| Mean | 0.266 |
| Median | 0.23 |
| SD | 0.145 |
| SE of Mean | 0.0253 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0606 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.496 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24410 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.973E-16 |
| SE of Mean | 3.435E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24411 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 69 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 3.075E-16 |
| SE of Mean | 3.702E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24411 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 11 |
| Minimum | 0.23 |
| Maximum | 1.06 |
| Mean | 0.305 |
| Median | 0.23 |
| SD | 0.186 |
| SE of Mean | 0.0306 |
| Number of Exceedances | 10 |
| Sample Proportion of Exceedances | 0.27 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 9.755E-06 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Thallium(0-10) (24412 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.217 |
| Median | 0.23 |
| SD | 0.0299 |
| SE of Mean | 0.00537 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24412 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 61 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 3.078E-16 |
| SE of Mean | 3.942E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24413 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.134E-16 |
| SE of Mean | 2.315E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24413 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.696E-16 |
| SE of Mean | 3.205E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24416 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.804E-16 |
| SE of Mean | 3.965E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24416 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 8.532E-17 |
| SE of Mean | 1.862E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24416 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.973E-16 |
| SE of Mean | 3.435E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24416 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.211 |
| Median | 0.23 |
| SD | 0.046 |
| SE of Mean | 0.0071 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24417 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 8 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24417 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |

| | |
|---|---|
| SD | 2.806E-16 |
| SE of Mean | 4.092E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24419 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.25 |
| Mean | 0.231 |
| Median | 0.23 |
| SD | 0.00354 |
| SE of Mean | 0.000625 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0313 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.806 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24419 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.206 |
| Median | 0.23 |
| SD | 0.0516 |
| SE of Mean | 0.00911 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24420 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |

| | |
|---|---|
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.973E-16 |
| SE of Mean | 3.435E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24421 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.694E-16 |
| SE of Mean | 3.092E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24422 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.224 |
| Median | 0.23 |
| SD | 0.0206 |
| SE of Mean | 0.00314 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24422 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.208 |
| Median | 0.23 |
| SD | 0.0491 |
| SE of Mean | 0.00819 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24422 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.4 |
| Mean | 0.236 |
| Median | 0.23 |
| SD | 0.0316 |
| SE of Mean | 0.00586 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0345 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.774

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24423 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.31 |
| Mean | 0.236 |
| Median | 0.23 |
| SD | 0.0222 |
| SE of Mean | 0.00615 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0769 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.487

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24423 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.251E-16 |
| SE of Mean | 3.701E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24423 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.211 |
| Median | 0.23 |
| SD | 0.047 |
| SE of Mean | 0.00743 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24426 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.208 |
| Median | 0.23 |
| SD | 0.0495 |
| SE of Mean | 0.0101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24426 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 3 |
| Minimum | 0.1 |
| Maximum | 0.26 |
| Mean | 0.205 |
| Median | 0.23 |
| SD | 0.0537 |
| SE of Mean | 0.0098 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.785 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24426 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.694E-16 |
| SE of Mean | 3.092E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24426 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 1.24 |
| Mean | 0.251 |
| Median | 0.23 |
| SD | 0.144 |
| SE of Mean | 0.0206 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0204 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.919 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24427 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.416E-16 |
| SE of Mean | 2.833E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24427 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.228 |
| Median | 0.23 |
| SD | 0.013 |
| SE of Mean | 0.00211 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24429 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 19 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 5.703E-17 |

| | |
|---|---|
| SE of Mean | 1.308E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24429 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.695E-16 |
| SE of Mean | 3.147E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24430 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.217 |
| Median | 0.23 |
| SD | 0.0397 |
| SE of Mean | 0.00724 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24431 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |

| | |
|---|---|
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.253E-16 |
| SE of Mean | 3.808E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24432 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 67 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.225 |
| Median | 0.23 |
| SD | 0.0191 |
| SE of Mean | 0.00233 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24433 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.196 |
| Median | 0.23 |
| SD | 0.0581 |
| SE of Mean | 0.0112 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24436 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.253E-16 |
| SE of Mean | 3.808E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24502 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.221 |
| Median | 0.23 |
| SD | 0.026 |
| SE of Mean | 0.00365 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24502 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.217 |
| Median | 0.23 |
| SD | 0.0399 |
| SE of Mean | 0.00524 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24502 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 4 |
| Minimum | 0.1 |
| Maximum | 0.29 |
| Mean | 0.216 |
| Median | 0.23 |
| SD | 0.0452 |
| SE of Mean | 0.00652 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0417 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.699 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24502 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 44 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.527E-16 |
| SE of Mean | 3.809E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24503 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.695E-16 |
| SE of Mean | 3.147E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24503 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 60 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.223 |
| Median | 0.23 |
| SD | 0.0223 |
| SE of Mean | 0.00288 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24503 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.225 |
| Median | 0.23 |
| SD | 0.0246 |
| SE of Mean | 0.00464 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24503 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 4 |
| Minimum | 0.15 |
| Maximum | 0.28 |
| Mean | 0.227 |
| Median | 0.23 |
| SD | 0.0214 |
| SE of Mean | 0.00367 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0588 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.512 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24506 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 11 |
| Minimum | 0.23 |
| Maximum | 0.61 |
| Mean | 0.281 |
| Median | 0.23 |
| SD | 0.0877 |
| SE of Mean | 0.0146 |
| Number of Exceedances | 14 |
| Sample Proportion of Exceedances | 0.389 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 8.118E-10 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Thallium(0-10) (24507 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.252E-16 |
| SE of Mean | 3.753E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24508 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.53E-16 |
| SE of Mean | 4E-17 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24508 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.134E-16 |
| SE of Mean | 2.315E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24508 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.249E-16 |
| SE of Mean | 3.602E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24509 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |

| | |
|---|---|
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.975E-16 |
| SE of Mean | 3.547E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24509 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.806E-16 |
| SE of Mean | 4.092E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24509 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.251E-16 |
| SE of Mean | 3.701E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24512 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.805E-16 |
| SE of Mean | 4.049E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24512 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.15 |
| Maximum | 0.15 |
| Mean | 0.15 |
| Median | 0.15 |
| SD | 5.63E-17 |
| SE of Mean | 9.383E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24512 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.42 |
| Mean | 0.237 |
| Median | 0.23 |
| SD | 0.0359 |
| SE of Mean | 0.00679 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24512 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.724E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24513 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.251E-16 |
| SE of Mean | 3.701E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24513 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.803E-16 |
| SE of Mean | 3.925E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Thallium(0-10) (24513 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.694E-16 |
| SE of Mean | 3.092E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24516 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.694E-16 |
| SE of Mean | 3.092E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24517 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.187 |
| Median | 0.23 |
| SD | 0.064 |
| SE of Mean | 0.0185 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24518 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.766E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24518 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 4 |
| Minimum | 0.1 |
| Maximum | 0.31 |
| Mean | 0.215 |
| Median | 0.23 |
| SD | 0.0494 |
| SE of Mean | 0.00763 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0476 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.628 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24518 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.694E-16 |
| SE of Mean | 3.092E-17 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24519 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.253E-16 |
| SE of Mean | 3.808E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24519 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.694E-16 |
| SE of Mean | 3.092E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24522 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |

| | |
|---|---|
| Median | 0.23 |
| SD | 1.697E-16 |
| SE of Mean | 3.266E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24522 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.696E-16 |
| SE of Mean | 3.205E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24522 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.252E-16 |
| SE of Mean | 3.753E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24522 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |

| | |
|---|---|
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.253E-16 |
| SE of Mean | 3.808E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24523 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.766E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24523 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.251E-16 |
| SE of Mean | 3.701E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24523 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 17 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24526 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.252E-16 |
| SE of Mean | 3.753E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24528 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.975E-16 |
| SE of Mean | 3.547E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24528 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 1 |
| Minimum | 0.15 |
| Maximum | 0.15 |
| Mean | 0.15 |
| Median | 0.15 |
| SD | 8.436E-17 |
| SE of Mean | 1.351E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24529 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 14 |
| Minimum | 0.23 |
| Maximum | 0.84 |
| Mean | 0.35 |
| Median | 0.27 |
| SD | 0.169 |
| SE of Mean | 0.0299 |
| Number of Exceedances | 17 |
| Sample Proportion of Exceedances | 0.531 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 2.091E-14 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Thallium(0-10) (24529 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.177 |
| Median | 0.15 |
| SD | 0.0385 |
| SE of Mean | 0.00786 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24529 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.415E-16 |
| SE of Mean | 2.776E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24532 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.191 |
| Median | 0.23 |
| SD | 0.0605 |
| SE of Mean | 0.0116 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24532 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 8.532E-17 |
| SE of Mean | 1.862E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24532 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 1 |
| Minimum | 0.15 |
| Maximum | 0.15 |
| Mean | 0.15 |
| Median | 0.15 |
| SD | 5.676E-17 |
| SE of Mean | 1.184E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24532 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.695E-16 |
| SE of Mean | 3.147E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24533 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |

| | |
|---|---|
| SD | 1.416E-16 |
| SE of Mean | 2.833E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24533 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.695E-16 |
| SE of Mean | 3.147E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24533 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 3 |
| Minimum | 0.15 |
| Maximum | 0.29 |
| Mean | 0.219 |
| Median | 0.23 |
| SD | 0.0308 |
| SE of Mean | 0.00427 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0192 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.931 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24602 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |

| | |
|---|---|
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.972E-16 |
| SE of Mean | 3.382E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24602 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.973E-16 |
| SE of Mean | 3.435E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24602 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.53E-16 |
| SE of Mean | 4E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24602 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 4 |
| Minimum | 0.23 |
| Maximum | 0.38 |
| Mean | 0.241 |
| Median | 0.23 |
| SD | 0.0339 |
| SE of Mean | 0.0064 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.107 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.163 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24603 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 7 |
| Minimum | 0.1 |
| Maximum | 0.98 |
| Mean | 0.263 |
| Median | 0.23 |
| SD | 0.194 |
| SE of Mean | 0.038 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.192 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00851 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Thallium(0-10) (24603 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.804E-16 |
| SE of Mean | 4.006E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24603 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.694E-16 |
| SE of Mean | 3.092E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24603 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 23 |
| Minimum | 0.1 |
| Maximum | 3.47 |
| Mean | 1.886 |
| Median | 2.12 |
| SD | 1.345 |
| SE of Mean | 0.242 |
| Number of Exceedances | 21 |
| Sample Proportion of Exceedances | 0.677 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.297E-20 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Thallium(0-10) (24606 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 63 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 3.078E-16 |
| SE of Mean | 3.877E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24607 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.975E-16 |
| SE of Mean | 3.547E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24608 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.251E-16 |
| SE of Mean | 3.701E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24608 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 15 |
| Minimum | 0.23 |
| Maximum | 2.52 |
| Mean | 1.43 |
| Median | 1.97 |
| SD | 0.97 |
| SE of Mean | 0.207 |
| Number of Exceedances | 14 |
| Sample Proportion of Exceedances | 0.636 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1.332E-13 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Thallium(0-10) (24608 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.228 |
| Median | 0.23 |
| SD | 0.0126 |
| SE of Mean | 0.002 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24609 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.694E-16 |
| SE of Mean | 3.092E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24609 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.972E-16 |

| | |
|---|---|
| SE of Mean | 3.382E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24609 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.766E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24612 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.803E-16 |
| SE of Mean | 3.925E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24612 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 17 |
| Minimum | 0.15 |

| | |
|---|---|
| Maximum | 0.58 |
| Mean | 0.278 |
| Median | 0.23 |
| SD | 0.108 |
| SE of Mean | 0.0158 |
| Number of Exceedances | 17 |
| Sample Proportion of Exceedances | 0.362 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.917E-11 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Thallium(0-10) (24612 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 6 |
| Minimum | 0.15 |
| Maximum | 0.34 |
| Mean | 0.165 |
| Median | 0.15 |
| SD | 0.0418 |
| SE of Mean | 0.00727 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0606 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.496 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24612 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.724E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24613 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.803E-16 |
| SE of Mean | 3.887E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24613 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.249E-16 |
| SE of Mean | 3.602E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24613 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.803E-16 |
| SE of Mean | 3.925E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24613 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.973E-16 |
| SE of Mean | 3.435E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24616 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.724E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24617 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 19 |
| Minimum | 0.23 |
| Maximum | 1.2 |
| Mean | 0.494 |
| Median | 0.36 |
| SD | 0.296 |
| SE of Mean | 0.0507 |
| Number of Exceedances | 21 |
| Sample Proportion of Exceedances | 0.618 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 2.344E-19 |

**Conclusion with Alpha = 0.05**

Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Thallium(0-10) (24618 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.415E-16 |
| SE of Mean | 2.776E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24618 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.219 |
| Median | 0.23 |
| SD | 0.0285 |
| SE of Mean | 0.00539 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24618 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.53E-16 |
| SE of Mean | 4E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24619 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.696E-16 |
| SE of Mean | 3.205E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24619 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.25E-16 |
| SE of Mean | 3.65E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24619 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.253E-16 |
| SE of Mean | 3.808E-17 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24622 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.802E-16 |
| SE of Mean | 3.849E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24622 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.972E-16 |
| SE of Mean | 3.382E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24623 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |

| | |
|---|---|
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.974E-16 |
| SE of Mean | 3.49E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24623 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.252E-16 |
| SE of Mean | 3.753E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24627 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.805E-16 |
| SE of Mean | 4.049E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24628 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 6 |
| Minimum | 0.23 |
| Maximum | 0.44 |
| Mean | 0.24 |
| Median | 0.23 |
| SD | 0.0368 |
| SE of Mean | 0.0051 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.0962 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.117 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24628 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.856E-17 |
| SE of Mean | 6.732E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24629 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.32 |
| Mean | 0.232 |
| Median | 0.23 |
| SD | 0.0144 |
| SE of Mean | 0.00231 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0256 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.865 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24632 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 20 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.211 |
| Median | 0.23 |
| SD | 0.0476 |
| SE of Mean | 0.0106 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24633 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.15 |
| Maximum | 0.15 |
| Mean | 0.15 |
| Median | 0.15 |
| SD | 8.433E-17 |
| SE of Mean | 1.333E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24700 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.724E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Thallium(0-10) (24700 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 56 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.801E-16 |
| SE of Mean | 3.743E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24702 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.724E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24702 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.28 |
| Mean | 0.232 |
| Median | 0.23 |
| SD | 0.00913 |
| SE of Mean | 0.00167 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.785 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24703 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.252E-16 |
| SE of Mean | 3.753E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24703 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.21 |
| Median | 0.23 |
| SD | 0.0475 |
| SE of Mean | 0.00761 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24703 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.802E-16 |
| SE of Mean | 3.849E-17 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24706 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.528E-16 |
| SE of Mean | 3.855E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24706 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.973E-16 |
| SE of Mean | 3.435E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24707 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 10 |
| Minimum | 0.23 |
| Maximum | 0.54 |
| Mean | 0.262 |

| | |
|---|---|
| Median | 0.23 |
| SD | 0.0722 |
| SE of Mean | 0.0119 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.243 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 6.754E-05 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Thallium(0-10) (24708 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.251E-16 |
| SE of Mean | 3.701E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24709 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 4 |
| Minimum | 0.23 |
| Maximum | 0.36 |
| Mean | 0.236 |
| Median | 0.23 |
| SD | 0.0244 |
| SE of Mean | 0.00401 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0811 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.282 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24709 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |

| | |
|---|---|
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.2 |
| Median | 0.23 |
| SD | 0.0556 |
| SE of Mean | 0.00847 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24709 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.803E-16 |
| SE of Mean | 3.887E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24710 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.528E-16 |
| SE of Mean | 3.855E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24712 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.974E-16 |
| SE of Mean | 3.49E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24712 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.697E-16 |
| SE of Mean | 3.266E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24712 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.766E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24713 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.251E-16 |
| SE of Mean | 3.701E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24713 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 5 |
| Minimum | 0.23 |
| Maximum | 0.36 |
| Mean | 0.241 |
| Median | 0.23 |
| SD | 0.0321 |
| SE of Mean | 0.00551 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.176 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00627 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Thallium(0-10) (24713 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.253E-16 |
| SE of Mean | 3.808E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24715 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.221 |
| Median | 0.23 |
| SD | 0.0252 |
| SE of Mean | 0.00414 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24716 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 12 |
| Minimum | 0.23 |
| Maximum | 0.78 |
| Mean | 0.336 |
| Median | 0.23 |
| SD | 0.162 |
| SE of Mean | 0.0295 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.433 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 6.526E-10 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Thallium(0-10) (24716 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24717 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 4 |
| Minimum | 0.23 |
| Maximum | 0.32 |
| Mean | 0.235 |
| Median | 0.23 |
| SD | 0.0191 |
| SE of Mean | 0.0031 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0789 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.296 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24718 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 65 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 3.077E-16 |
| SE of Mean | 3.816E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24718 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |

| | |
|---|---|
| SD | 1.973E-16 |
| SE of Mean | 3.435E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24719 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.24 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 0.00174 |
| SE of Mean | 0.000303 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24719 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 3 |
| Minimum | 0.23 |
| Maximum | 0.35 |
| Mean | 0.236 |
| Median | 0.23 |
| SD | 0.0242 |
| SE of Mean | 0.00458 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0714 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.412 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24719 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 1 |

| | |
|---|---|
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.766E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24722 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 11 |
| Minimum | 0.23 |
| Maximum | 0.42 |
| Mean | 0.263 |
| Median | 0.23 |
| SD | 0.0523 |
| SE of Mean | 0.00896 |
| Number of Exceedances | 14 |
| Sample Proportion of Exceedances | 0.412 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 3.274E-10 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Thallium(0-10) (24722 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.53E-16 |
| SE of Mean | 4E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24722 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.856E-17 |
| SE of Mean | 6.732E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24722 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.26 |
| Mean | 0.231 |
| Median | 0.23 |
| SD | 0.00469 |
| SE of Mean | 0.0007317 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0244 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.878

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24723 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 8.523E-17 |
| SE of Mean | 1.817E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24723 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.251E-16 |
| SE of Mean | 3.701E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24725 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.208 |
| Median | 0.23 |
| SD | 0.0497 |
| SE of Mean | 0.0084 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24726 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.25 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 0.00286 |
| SE of Mean | 0.0004082 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0204 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.919

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24726 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.251E-16 |
| SE of Mean | 3.701E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24727 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.53E-16 |
| SE of Mean | 4E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24728 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.973E-16 |
| SE of Mean | 3.435E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24728 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.975E-16 |
| SE of Mean | 3.547E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24729 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.208 |
| Median | 0.23 |
| SD | 0.0497 |
| SE of Mean | 0.0084 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24729 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.972E-16 |

| | |
|---|---|
| SE of Mean | 3.382E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24729 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 16 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24732 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 4 |
| Minimum | 0.23 |
| Maximum | 0.31 |
| Mean | 0.234 |
| Median | 0.23 |
| SD | 0.0164 |
| SE of Mean | 0.0027 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0811 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.282 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24732 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |

| | |
|---|---|
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.253E-16 |
| SE of Mean | 3.808E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24732 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.973E-16 |
| SE of Mean | 3.435E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24732 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.528E-16 |
| SE of Mean | 3.901E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24733 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 7 |
| Minimum | 0.23 |
| Maximum | 0.83 |
| Mean | 0.282 |
| Median | 0.23 |
| SD | 0.129 |
| SE of Mean | 0.0228 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.188 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.0046

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Thallium(0-10) (24733 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.25E-16 |
| SE of Mean | 3.65E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24733 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 4 |
| Minimum | 0.23 |
| Maximum | 0.47 |
| Mean | 0.241 |
| Median | 0.23 |
| SD | 0.0399 |
| SE of Mean | 0.00631 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.125 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.048

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Thallium(0-10) (24735 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 20 |
| Minimum | 0.23 |
| Maximum | 0.57 |
| Mean | 0.338 |
| Median | 0.325 |
| SD | 0.0994 |
| SE of Mean | 0.0166 |
| Number of Exceedances | 28 |
| Sample Proportion of Exceedances | 0.778 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 7.589E-30 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Thallium(0-10) (24736 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.803E-16 |
| SE of Mean | 3.887E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24736 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.219 |
| Median | 0.23 |
| SD | 0.028 |
| SE of Mean | 0.00428 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24737 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.696E-16 |
| SE of Mean | 3.205E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24738 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.215 |
| Median | 0.23 |
| SD | 0.0423 |
| SE of Mean | 0.00592 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24738 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.974E-16 |
| SE of Mean | 3.49E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24739 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.529E-16 |
| SE of Mean | 3.95E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24739 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.528E-16 |
| SE of Mean | 3.855E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24739 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.528E-16 |
| SE of Mean | 3.901E-17 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24740 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 3.077E-16 |
| SE of Mean | 3.847E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24741 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24743 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |

| | |
|---|---|
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.528E-16 |
| SE of Mean | 3.901E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24744 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.416E-16 |
| SE of Mean | 2.833E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24748 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.134E-16 |
| SE of Mean | 2.315E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24749 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.528E-16 |
| SE of Mean | 3.855E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24752 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.526E-16 |
| SE of Mean | 3.766E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24802 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.806E-16 |
| SE of Mean | 4.092E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24803 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.974E-16 |
| SE of Mean | 3.49E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24803 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.856E-17 |
| SE of Mean | 6.732E-18 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24809 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.697E-16 |
| SE of Mean | 3.266E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Thallium(0-10) (24809 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.252E-16 |
| SE of Mean | 3.753E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24812 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.695E-16 |
| SE of Mean | 3.147E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (24813 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24815 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.217 |
| Median | 0.23 |
| SD | 0.0397 |
| SE of Mean | 0.00724 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24818 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.972E-16 |
| SE of Mean | 3.382E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24819 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.972E-16 |
| SE of Mean | 3.382E-17 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24822 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.528E-16 |
| SE of Mean | 3.855E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24823 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.249E-16 |
| SE of Mean | 3.602E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24825 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 98 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.222 |

| | |
|---|---|
| Median | 0.23 |
| SD | 0.0313 |
| SE of Mean | 0.00316 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24828 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.228 |
| Median | 0.23 |
| SD | 0.0133 |
| SE of Mean | 0.00222 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24829 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.805E-16 |
| SE of Mean | 4.049E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (24832 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |

| | |
|---|---|
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.25E-16 |
| SE of Mean | 3.65E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24833 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.528E-16 |
| SE of Mean | 3.855E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24838 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.202 |
| Median | 0.23 |
| SD | 0.0543 |
| SE of Mean | 0.0103 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24904 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 74 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 3.353E-16 |
| SE of Mean | 3.898E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (24912 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.208 |
| Median | 0.23 |
| SD | 0.0491 |
| SE of Mean | 0.00819 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (301 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.695E-16 |
| SE of Mean | 3.147E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (305 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 54 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.215 |
| Median | 0.23 |
| SD | 0.0314 |
| SE of Mean | 0.00427 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (311 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 71 |
| Number of Distinct Observations | 9 |
| Minimum | 0.15 |
| Maximum | 0.36 |
| Mean | 0.215 |
| Median | 0.23 |
| SD | 0.0365 |
| SE of Mean | 0.00433 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0423 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.695 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (317 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 3 |
| Minimum | 0.15 |
| Maximum | 0.23 |
| Mean | 0.219 |
| Median | 0.23 |
| SD | 0.0271 |
| SE of Mean | 0.00355 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (321 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 4 |
| Minimum | 0.23 |
| Maximum | 0.31 |
| Mean | 0.234 |
| Median | 0.23 |
| SD | 0.0168 |
| SE of Mean | 0.00265 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.075 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.323 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (327 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 0 |
| SE of Mean | 0 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (331 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.696E-16 |
| SE of Mean | 3.205E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (337 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.972E-16 |
| SE of Mean | 3.382E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (341 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 8 |
| Minimum | 0.23 |
| Maximum | 0.57 |
| Mean | 0.264 |
| Median | 0.23 |
| SD | 0.0902 |
| SE of Mean | 0.013 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.188 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0005537 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Thallium(0-10) (344 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 5 |
| Minimum | 0.23 |
| Maximum | 0.37 |
| Mean | 0.239 |
| Median | 0.23 |

| | |
|---|---|
| SD | 0.0291 |
| SE of Mean | 0.00493 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.114 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0958 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (345 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 93 |
| Number of Distinct Observations | 38 |
| Minimum | 0.1 |
| Maximum | 3.47 |
| Mean | 1.465 |
| Median | 0.23 |
| SD | 1.377 |
| SE of Mean | 0.143 |
| Number of Exceedances | 43 |
| Sample Proportion of Exceedances | 0.462 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 5.856E-31 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Thallium(0-10) (347 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.974E-16 |
| SE of Mean | 3.49E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (348 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 1 |

| | |
|---|---|
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.804E-16 |
| SE of Mean | 4.006E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (348 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.803E-16 |
| SE of Mean | 3.925E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (351 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.206 |
| Median | 0.23 |
| SD | 0.0516 |
| SE of Mean | 0.00911 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (352 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 2 |
| Minimum | 0.1 |
| Maximum | 0.23 |
| Mean | 0.206 |
| Median | 0.23 |
| SD | 0.0516 |
| SE of Mean | 0.00911 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (353 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.29 |
| Mean | 0.232 |
| Median | 0.23 |
| SD | 0.0106 |
| SE of Mean | 0.00188 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0313 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.806

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (354 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.249E-16 |
| SE of Mean | 3.602E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (357 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.53E-16 |
| SE of Mean | 4E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (357 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.134E-16 |
| SE of Mean | 2.315E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (358 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.528E-16 |
| SE of Mean | 3.855E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (360 248th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.805E-16 |
| SE of Mean | 4.049E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (361 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 8 |
| Minimum | 0.1 |
| Maximum | 0.76 |
| Mean | 0.243 |
| Median | 0.23 |
| SD | 0.151 |
| SE of Mean | 0.0315 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.261 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0007535 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Thallium(0-10) (362 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.416E-16 |
| SE of Mean | 2.833E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (363 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.697E-16 |
| SE of Mean | 3.266E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (364 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.805E-16 |
| SE of Mean | 4.049E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (367 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 2 |
| Minimum | 0.23 |
| Maximum | 0.27 |
| Mean | 0.233 |
| Median | 0.23 |
| SD | 0.0111 |

| | |
|---|---|
| SE of Mean | 0.00308 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0769 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.487 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (367 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 3 |
| Minimum | 0.23 |
| Maximum | 0.35 |
| Mean | 0.233 |
| Median | 0.23 |
| SD | 0.0181 |
| SE of Mean | 0.00267 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0435 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.677 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (368 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 55 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.801E-16 |
| SE of Mean | 3.777E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (373 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 2 |
| Minimum | 0.15 |

| | |
|---|---|
| Maximum | 0.23 |
| Mean | 0.217 |
| Median | 0.23 |
| SD | 0.0302 |
| SE of Mean | 0.00466 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (374 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 120 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 3.623E-16 |
| SE of Mean | 3.308E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.304 |
| Critical Value (0.05) | 1.645 |
| P-Value | 0.0106 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value < Alpha (0.05)

**Thallium(0-10) (374 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.697E-16 |
| SE of Mean | 3.266E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (377 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.974E-16 |
| SE of Mean | 3.49E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (377 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.973E-16 |
| SE of Mean | 3.435E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (378 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 2.529E-16 |
| SE of Mean | 3.95E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Thallium(0-10) (383 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.974E-16 |
| SE of Mean | 3.49E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (402 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.974E-16 |
| SE of Mean | 3.49E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Thallium(0-10) (408 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 1 |
| Minimum | 0.23 |
| Maximum | 0.23 |
| Mean | 0.23 |
| Median | 0.23 |
| SD | 1.134E-16 |
| SE of Mean | 2.315E-17 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Thallium(0-10) (412 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 77 |
| Number of Distinct Observations | 57 |
| Minimum | 0.1 |
| Maximum | 3.17 |
| Mean | 0.921 |
| Median | 0.76 |
| SD | 0.679 |
| SE of Mean | 0.0773 |
| Number of Exceedances | 64 |
| Sample Proportion of Exceedances | 0.831 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 5.168E-70 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (24401 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 23 |
| Maximum | 57.6 |
| Mean | 39.28 |
| Median | 38.1 |
| SD | 7.168 |
| SE of Mean | 1.248 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.152 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.023 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Vanadium(0-10) (24402 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 36 |
| Minimum | 28.9 |
| Maximum | 49.1 |
| Mean | 34.92 |
| Median | 34.45 |
| SD | 3.759 |
| SE of Mean | 0.543 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0208 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.915 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24402 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 127 |
| Number of Distinct Observations | 106 |
| Minimum | 7.95 |
| Maximum | 58.7 |
| Mean | 36.44 |
| Median | 36.5 |
| SD | 9.126 |
| SE of Mean | 0.81 |
| Number of Exceedances | 21 |
| Sample Proportion of Exceedances | 0.165 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | 5.761 |
| Critical Value (0.05) | 1.645 |

| | |
|---|---|
| P-Value | 4.178E-09 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05

P-Value < Alpha (0.05)

**Vanadium(0-10) (24402 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 29 |
| Maximum | 52.1 |
| Mean | 37.61 |
| Median | 37.1 |
| SD | 5.475 |
| SE of Mean | 0.866 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.075 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.323 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24403 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 38 |
| Minimum | 26 |
| Maximum | 73.5 |
| Mean | 36.57 |
| Median | 34.4 |
| SD | 8.473 |
| SE of Mean | 1.249 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.087 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.197 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24403 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 62 |
| Number of Distinct Observations | 53 |
| Minimum | 21.9 |
| Maximum | 48.3 |
| Mean | 37 |
| Median | 36.95 |
| SD | 5.082 |
| SE of Mean | 0.645 |
| Number of Exceedances | 3 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0.0484 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.605 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24405 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 23 |
| Minimum | 21.4 |
| Maximum | 55.6 |
| Mean | 36.03 |
| Median | 35.5 |
| SD | 7.908 |
| SE of Mean | 1.582 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.08 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.358 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24406 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 26.8 |
| Maximum | 46.3 |
| Mean | 36.03 |
| Median | 36.6 |
| SD | 5.525 |
| SE of Mean | 0.874 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.871 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24406 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 23.6 |
| Maximum | 46.8 |
| Mean | 34.55 |

| | |
|---|---|
| Median | 33.85 |
| SD | 5.988 |
| SE of Mean | 1.132 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24406 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 21 |
| Minimum | 20.7 |
| Maximum | 46.8 |
| Mean | 33.41 |
| Median | 32.6 |
| SD | 6.114 |
| SE of Mean | 1.275 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0435 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.693 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24406 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 24 |
| Minimum | 24.9 |
| Maximum | 42.2 |
| Mean | 33.45 |
| Median | 33.15 |
| SD | 4.429 |
| SE of Mean | 0.869 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24409 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |

| | |
|---|---|
| Number of Distinct Observations | 23 |
| Minimum | 23.9 |
| Maximum | 41.4 |
| Mean | 31.75 |
| Median | 31.55 |
| SD | 4.2 |
| SE of Mean | 0.857 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24409 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 27.4 |
| Maximum | 43.5 |
| Mean | 35.15 |
| Median | 34.9 |
| SD | 4.06 |
| SE of Mean | 0.707 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24410 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 17.2 |
| Maximum | 59.9 |
| Mean | 30.82 |
| Median | 31.1 |
| SD | 8.129 |
| SE of Mean | 1.415 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24411 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 69 |
| Number of Distinct Observations | 59 |
| Minimum | 22.6 |
| Maximum | 55.1 |
| Mean | 36.54 |
| Median | 36.2 |
| SD | 6.582 |
| SE of Mean | 0.792 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.087 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.131

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24411 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 33 |
| Minimum | 24.6 |
| Maximum | 49.2 |
| Mean | 36.06 |
| Median | 36.3 |
| SD | 5.691 |
| SE of Mean | 0.936 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0811 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.282

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24412 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 29 |
| Minimum | 27.1 |
| Maximum | 61.9 |
| Mean | 39.94 |
| Median | 38.5 |
| SD | 7.53 |
| SE of Mean | 1.352 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.161 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.0179

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (24412 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 61 |
| Number of Distinct Observations | 55 |
| Minimum | 24.1 |
| Maximum | 48.5 |
| Mean | 36.52 |
| Median | 36.1 |
| SD | 5.771 |
| SE of Mean | 0.739 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0492 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.594 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24413 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 23.7 |
| Maximum | 42 |
| Mean | 30.91 |
| Median | 30.55 |
| SD | 4.433 |
| SE of Mean | 0.905 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24413 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 18.6 |
| Maximum | 57.3 |
| Mean | 31.23 |
| Median | 30.5 |
| SD | 7.364 |
| SE of Mean | 1.392 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.762 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24416 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 45 |
| Minimum | 24.3 |
| Maximum | 67.1 |
| Mean | 37.14 |
| Median | 36.5 |
| SD | 9.152 |
| SE of Mean | 1.294 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.14 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.0118 |

Conclusion with Alpha = 0.05
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Vanadium(0-10) (24416 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 21 |
| Minimum | 23.4 |
| Maximum | 39.5 |
| Mean | 32.45 |
| Median | 32.5 |
| SD | 5.001 |
| SE of Mean | 1.091 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24416 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 15.9 |
| Maximum | 46.1 |
| Mean | 28.31 |
| Median | 26.3 |
| SD | 6.991 |
| SE of Mean | 1.217 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24416 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 37 |
| Minimum | 23.8 |
| Maximum | 43.5 |
| Mean | 34.63 |
| Median | 34.8 |
| SD | 4.249 |
| SE of Mean | 0.656 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24417 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 8 |
| Number of Distinct Observations | 8 |
| Minimum | 31.8 |
| Maximum | 49.7 |
| Mean | 40.18 |
| Median | 39.75 |
| SD | 6.257 |
| SE of Mean | 2.212 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.25 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0572 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24417 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 41 |
| Minimum | 20.3 |
| Maximum | 45.7 |
| Mean | 34.49 |
| Median | 34 |

| | |
|---|---|
| SD | 6.028 |
| SE of Mean | 0.879 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0213 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.91 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24419 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 28 |
| Minimum | 22.3 |
| Maximum | 41.2 |
| Mean | 31.78 |
| Median | 31.9 |
| SD | 4.472 |
| SE of Mean | 0.79 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24419 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 18 |
| Maximum | 40.3 |
| Mean | 30.12 |
| Median | 31.25 |
| SD | 6.012 |
| SE of Mean | 1.063 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24420 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |

| | |
|---|---|
| Minimum | 8.37 |
| Maximum | 42.7 |
| Mean | 26.66 |
| Median | 26.3 |
| SD | 6.9 |
| SE of Mean | 1.201 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24421 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 20.3 |
| Maximum | 43.8 |
| Mean | 31.31 |
| Median | 30.8 |
| SD | 5.791 |
| SE of Mean | 1.057 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24422 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 38 |
| Minimum | 18.6 |
| Maximum | 39 |
| Mean | 31.32 |
| Median | 32 |
| SD | 5.029 |
| SE of Mean | 0.767 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24422 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 23.8 |
| Maximum | 42.2 |
| Mean | 32.51 |
| Median | 32.65 |
| SD | 4.895 |
| SE of Mean | 0.816 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24422 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 25 |
| Minimum | 27.1 |
| Maximum | 49.1 |
| Mean | 34.71 |
| Median | 34.3 |
| SD | 4.218 |
| SE of Mean | 0.783 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0345 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.774

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24423 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 13 |
| Minimum | 28.5 |
| Maximum | 54.6 |
| Mean | 38.34 |
| Median | 37.7 |
| SD | 7.415 |
| SE of Mean | 2.057 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.154 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.135

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24423 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 21.9 |
| Maximum | 42.6 |
| Mean | 31.74 |
| Median | 32 |
| SD | 4.323 |
| SE of Mean | 0.711 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24423 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 35 |
| Minimum | 19.8 |
| Maximum | 39 |
| Mean | 28.26 |
| Median | 27.75 |
| SD | 4.841 |
| SE of Mean | 0.765 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24426 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 22.3 |
| Maximum | 39.6 |
| Mean | 32.9 |
| Median | 34.8 |
| SD | 5.324 |
| SE of Mean | 1.087 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24426 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 23.4 |
| Maximum | 42.5 |
| Mean | 32.6 |
| Median | 31.65 |
| SD | 5.341 |
| SE of Mean | 0.975 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24426 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 9.9 |
| Maximum | 45.1 |
| Mean | 29.74 |
| Median | 28.5 |
| SD | 9.423 |
| SE of Mean | 1.72 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24426 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 45 |
| Minimum | 21.3 |
| Maximum | 47.6 |
| Mean | 34.06 |
| Median | 33.5 |
| SD | 5.883 |
| SE of Mean | 0.84 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0612 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.446 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24427 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 25 |
| Minimum | 22 |
| Maximum | 53.2 |
| Mean | 40.49 |
| Median | 42.7 |
| SD | 8.377 |
| SE of Mean | 1.675 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.36 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.915E-06 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (24427 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 37 |
| Minimum | 23 |
| Maximum | 47.4 |
| Mean | 34.51 |
| Median | 34.25 |
| SD | 5.086 |
| SE of Mean | 0.825 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0263 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.858 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24429 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 19 |
| Number of Distinct Observations | 19 |
| Minimum | 29.7 |
| Maximum | 40.3 |
| Mean | 34.83 |
| Median | 35.6 |
| SD | 2.948 |

| | |
|---|---|
| SE of Mean | 0.676 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24429 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 24 |
| Minimum | 20.1 |
| Maximum | 45.3 |
| Mean | 30.96 |
| Median | 30.9 |
| SD | 4.901 |
| SE of Mean | 0.91 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24430 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 10.1 |
| Maximum | 49.5 |
| Mean | 28.98 |
| Median | 28.1 |
| SD | 10.18 |
| SE of Mean | 1.859 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0667 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.446 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24431 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 30 |
| Minimum | 28.6 |

| | |
|---|---|
| Maximum | 52.6 |
| Mean | 36.91 |
| Median | 36.5 |
| SD | 5.084 |
| SE of Mean | 0.859 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0571 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.528 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24432 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 67 |
| Number of Distinct Observations | 54 |
| Minimum | 23.4 |
| Maximum | 45.6 |
| Mean | 33.66 |
| Median | 34 |
| SD | 4.786 |
| SE of Mean | 0.585 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24433 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 25 |
| Minimum | 30.7 |
| Maximum | 63.5 |
| Mean | 39.65 |
| Median | 37.7 |
| SD | 6.557 |
| SE of Mean | 1.262 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.148 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0437 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (24436 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 7.26 |
| Maximum | 39.6 |
| Mean | 24.86 |
| Median | 28.4 |
| SD | 8.479 |
| SE of Mean | 1.433 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24502 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 46 |
| Minimum | 18.7 |
| Maximum | 72.7 |
| Mean | 34.38 |
| Median | 32.2 |
| SD | 10.05 |
| SE of Mean | 1.407 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.0784 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.251

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24502 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 47 |
| Minimum | 18.8 |
| Maximum | 34.7 |
| Mean | 26.98 |
| Median | 27.2 |
| SD | 3.353 |
| SE of Mean | 0.44 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24502 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 45 |
| Minimum | 5.57 |
| Maximum | 49.2 |
| Mean | 27.16 |
| Median | 29.45 |
| SD | 9.512 |
| SE of Mean | 1.373 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0208 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.915 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24502 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 44 |
| Number of Distinct Observations | 34 |
| Minimum | 22.9 |
| Maximum | 36.1 |
| Mean | 30.83 |
| Median | 31.4 |
| SD | 3.05 |
| SE of Mean | 0.46 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24503 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 28.9 |
| Maximum | 48.9 |
| Mean | 40.54 |
| Median | 40 |
| SD | 5.159 |
| SE of Mean | 0.958 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.207 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00274 |

**Conclusion with Alpha = 0.05**

Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Vanadium(0-10) (24503 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 60 |
| Number of Distinct Observations | 46 |
| Minimum | 9.7 |
| Maximum | 46.8 |
| Mean | 34.02 |
| Median | 33.75 |
| SD | 5.855 |
| SE of Mean | 0.756 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0333 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.808 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24503 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 17.4 |
| Maximum | 43.3 |
| Mean | 34.75 |
| Median | 35.2 |
| SD | 5.498 |
| SE of Mean | 1.039 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24503 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 22.7 |
| Maximum | 43 |
| Mean | 29.74 |
| Median | 28.1 |
| SD | 5.487 |
| SE of Mean | 0.941 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24506 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 18.9 |
| Maximum | 82.1 |
| Mean | 35.81 |
| Median | 35 |
| SD | 10.18 |
| SE of Mean | 1.697 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0556 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.543 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24507 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 25.6 |
| Maximum | 79.2 |
| Mean | 45.55 |
| Median | 42.35 |
| SD | 9.875 |
| SE of Mean | 1.646 |
| Number of Exceedances | 12 |
| Sample Proportion of Exceedances | 0.333 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 9.871E-08 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (24508 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 34 |
| Minimum | 23.2 |
| Maximum | 41 |
| Mean | 31.91 |
| Median | 32.2 |
| SD | 4.099 |
| SE of Mean | 0.648 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24508 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 10.1 |
| Maximum | 36.7 |
| Mean | 26.71 |
| Median | 30.95 |
| SD | 9.117 |
| SE of Mean | 1.861 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24508 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 38 |
| Minimum | 21.4 |
| Maximum | 42.7 |
| Mean | 32.58 |
| Median | 32.7 |
| SD | 5.413 |
| SE of Mean | 0.867 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24509 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 11.7 |
| Maximum | 41.2 |

| | |
|---|---|
| Mean | 30.79 |
| Median | 31 |
| SD | 5.764 |
| SE of Mean | 1.035 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24509 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 42 |
| Minimum | 20.6 |
| Maximum | 38.7 |
| Mean | 30.81 |
| Median | 31.1 |
| SD | 4.68 |
| SE of Mean | 0.683 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24509 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 32 |
| Minimum | 23.5 |
| Maximum | 47.5 |
| Mean | 31.66 |
| Median | 31.9 |
| SD | 5.752 |
| SE of Mean | 0.946 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24512 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 45 |
| Minimum | 28 |
| Maximum | 54.7 |
| Mean | 39.67 |
| Median | 39.85 |
| SD | 6.855 |
| SE of Mean | 0.989 |
| Number of Exceedances | 9 |
| Sample Proportion of Exceedances | 0.188 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0005537 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Vanadium(0-10) (24512 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 21.3 |
| Maximum | 57.2 |
| Mean | 31.77 |
| Median | 30.4 |
| SD | 6.33 |
| SE of Mean | 1.055 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0278 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.842 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24512 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 6.44 |
| Maximum | 35.5 |
| Mean | 23.55 |
| Median | 27.55 |
| SD | 9.937 |
| SE of Mean | 1.878 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24512 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 45 |
| Minimum | 19.8 |
| Maximum | 46.5 |
| Mean | 30.62 |
| Median | 30.9 |
| SD | 5.273 |
| SE of Mean | 0.777 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0217 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.906 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24513 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 19.3 |
| Maximum | 46.9 |
| Mean | 33.55 |
| Median | 34.6 |
| SD | 6.123 |
| SE of Mean | 1.007 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24513 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 45 |
| Minimum | 16.3 |
| Maximum | 62.9 |
| Mean | 28.97 |
| Median | 28.2 |
| SD | 6.95 |
| SE of Mean | 0.973 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0196 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.927 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Vanadium(0-10) (24513 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 19.2 |
| Maximum | 42.6 |
| Mean | 31.11 |
| Median | 30.25 |
| SD | 5.894 |
| SE of Mean | 1.076 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24516 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 27 |
| Minimum | 22.6 |
| Maximum | 48.3 |
| Mean | 34.22 |
| Median | 34.8 |
| SD | 5.764 |
| SE of Mean | 1.052 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0333 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.785 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24517 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 11 |
| Minimum | 37.8 |
| Maximum | 63 |
| Mean | 43.29 |
| Median | 39.4 |
| SD | 7.45 |
| SE of Mean | 2.151 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.333 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.00224 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (24518 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 43 |
| Minimum | 20.1 |
| Maximum | 43.7 |
| Mean | 31.2 |
| Median | 32.2 |
| SD | 6.365 |
| SE of Mean | 0.949 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24518 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 41 |
| Minimum | 5.7 |
| Maximum | 36.8 |
| Mean | 23.52 |
| Median | 27 |
| SD | 9.809 |
| SE of Mean | 1.514 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24518 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 21 |
| Maximum | 39.9 |
| Mean | 30.04 |
| Median | 30.25 |
| SD | 5.096 |
| SE of Mean | 0.93 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24519 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 24.3 |
| Maximum | 41.7 |
| Mean | 32.21 |
| Median | 32.2 |
| SD | 5.011 |
| SE of Mean | 0.847 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24519 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 10.2 |
| Maximum | 38.8 |
| Mean | 28.04 |
| Median | 29.75 |
| SD | 6.699 |
| SE of Mean | 1.223 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24522 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 27 |
| Minimum | 21.5 |
| Maximum | 55.9 |
| Mean | 40.39 |

| | |
|---|---|
| Median | 42.4 |
| SD | 8.124 |
| SE of Mean | 1.563 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.259 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0002854 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (24522 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 22 |
| Maximum | 43.4 |
| Mean | 32.52 |
| Median | 33.9 |
| SD | 6.013 |
| SE of Mean | 1.136 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24522 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 4.69 |
| Maximum | 40.6 |
| Mean | 22.24 |
| Median | 24 |
| SD | 9.749 |
| SE of Mean | 1.625 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24522 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |

| | |
|---|---|
| Number of Distinct Observations | 32 |
| Minimum | 6.93 |
| Maximum | 38 |
| Mean | 27.38 |
| Median | 28.4 |
| SD | 6.82 |
| SE of Mean | 1.153 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24523 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 40 |
| Minimum | 22.7 |
| Maximum | 50.1 |
| Mean | 38.5 |
| Median | 40.1 |
| SD | 5.738 |
| SE of Mean | 0.855 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0444 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.665 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24523 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 24.7 |
| Maximum | 53.7 |
| Mean | 36.2 |
| Median | 35.4 |
| SD | 7.151 |
| SE of Mean | 1.176 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.108 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.112 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24523 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 17 |
| Number of Distinct Observations | 16 |
| Minimum | 21.3 |
| Maximum | 36 |
| Mean | 29.13 |
| Median | 29 |
| SD | 3.565 |
| SE of Mean | 0.865 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24526 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 20.4 |
| Maximum | 51.2 |
| Mean | 37.43 |
| Median | 38.4 |
| SD | 6.264 |
| SE of Mean | 1.044 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0556 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.543

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24528 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 29 |
| Minimum | 9.83 |
| Maximum | 40.1 |
| Mean | 23.52 |
| Median | 21.9 |
| SD | 8.235 |
| SE of Mean | 1.479 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24528 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 36 |
| Minimum | 6.17 |
| Maximum | 33 |
| Mean | 20.89 |
| Median | 22.1 |
| SD | 6.864 |
| SE of Mean | 1.099 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24529 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 27 |
| Minimum | 23.4 |
| Maximum | 47.5 |
| Mean | 33.46 |
| Median | 31.9 |
| SD | 6.307 |
| SE of Mean | 1.115 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0938 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.214 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24529 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 4.77 |
| Maximum | 35 |
| Mean | 22.5 |
| Median | 23.25 |
| SD | 8.487 |
| SE of Mean | 1.732 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24529 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 25 |
| Minimum | 8.86 |
| Maximum | 42.3 |
| Mean | 27.02 |
| Median | 27.4 |
| SD | 8.389 |
| SE of Mean | 1.645 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24532 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 18.4 |
| Maximum | 86 |
| Mean | 38.15 |
| Median | 37.6 |
| SD | 12.67 |
| SE of Mean | 2.438 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.111 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.15 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24532 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 21 |
| Minimum | 13.7 |
| Maximum | 60.6 |
| Mean | 26.18 |
| Median | 24 |
| SD | 11.41 |
| SE of Mean | 2.49 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0476 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.659 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24532 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 22 |
| Minimum | 9.33 |
| Maximum | 29.2 |
| Mean | 22.28 |
| Median | 23.4 |
| SD | 4.956 |
| SE of Mean | 1.033 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24532 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 7.64 |
| Maximum | 40.5 |
| Mean | 26.29 |
| Median | 28.8 |
| SD | 9.619 |
| SE of Mean | 1.786 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24533 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 22 |
| Minimum | 25 |
| Maximum | 70.6 |
| Mean | 39.26 |
| Median | 38.6 |

| | |
|---|---|
| SD | 8.112 |
| SE of Mean | 1.622 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.04 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.723 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24533 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 26 |
| Minimum | 7.28 |
| Maximum | 36 |
| Mean | 23.83 |
| Median | 24.2 |
| SD | 6.917 |
| SE of Mean | 1.284 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24533 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 44 |
| Minimum | 7.8 |
| Maximum | 38 |
| Mean | 25.55 |
| Median | 26.5 |
| SD | 8.636 |
| SE of Mean | 1.198 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24602 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 28 |

| | |
|---|---|
| Minimum | 18.5 |
| Maximum | 72.3 |
| Mean | 37.74 |
| Median | 36 |
| SD | 10.44 |
| SE of Mean | 1.79 |
| Number of Exceedances | 7 |
| Sample Proportion of Exceedances | 0.206 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00127 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Vanadium(0-10) (24602 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 28 |
| Minimum | 14.3 |
| Maximum | 38.3 |
| Mean | 25.1 |
| Median | 22.6 |
| SD | 6.754 |
| SE of Mean | 1.176 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24602 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 6.54 |
| Maximum | 46.7 |
| Mean | 23.47 |
| Median | 23.55 |
| SD | 7.114 |
| SE of Mean | 1.125 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.871 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24602 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 11.9 |
| Maximum | 47 |
| Mean | 30.11 |
| Median | 30.65 |
| SD | 8.603 |
| SE of Mean | 1.626 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0357 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.762

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24603 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 26 |
| Minimum | 29.6 |
| Maximum | 59.2 |
| Mean | 42.37 |
| Median | 40.85 |
| SD | 8.16 |
| SE of Mean | 1.6 |
| Number of Exceedances | 10 |
| Sample Proportion of Exceedances | 0.385 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 2.47E-07

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (24603 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 45 |
| Minimum | 9.61 |
| Maximum | 43.1 |
| Mean | 26.93 |
| Median | 26.4 |
| SD | 8.254 |
| SE of Mean | 1.179 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24603 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 27 |
| Minimum | 20.9 |
| Maximum | 41.7 |
| Mean | 27.47 |
| Median | 26.55 |
| SD | 4.922 |
| SE of Mean | 0.899 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24603 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 28 |
| Minimum | 11.3 |
| Maximum | 36.5 |
| Mean | 24.2 |
| Median | 22.7 |
| SD | 7.159 |
| SE of Mean | 1.286 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24606 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 63 |
| Number of Distinct Observations | 61 |
| Minimum | 14.9 |
| Maximum | 53 |
| Mean | 34.4 |
| Median | 36.6 |
| SD | 9.846 |
| SE of Mean | 1.241 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.0952 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0945 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24607 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 28 |
| Minimum | 4.16 |
| Maximum | 56.1 |
| Mean | 34.7 |
| Median | 36.7 |
| SD | 10.5 |
| SE of Mean | 1.885 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0645 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.463 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24608 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 11.2 |
| Maximum | 35.6 |
| Mean | 23.76 |
| Median | 22.4 |
| SD | 6.133 |
| SE of Mean | 1.008 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24608 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 20 |
| Minimum | 11.6 |
| Maximum | 58.8 |
| Mean | 25.82 |
| Median | 24.85 |
| SD | 9.14 |
| SE of Mean | 1.949 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0455 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.676 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24608 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 9.67 |
| Maximum | 39.2 |
| Mean | 24.52 |
| Median | 25.35 |
| SD | 7.103 |
| SE of Mean | 1.123 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24609 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 15.5 |
| Maximum | 43.8 |
| Mean | 32.11 |
| Median | 33.05 |
| SD | 7.051 |
| SE of Mean | 1.287 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24609 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 30 |
| Minimum | 10.5 |
| Maximum | 38.9 |
| Mean | 25.74 |
| Median | 25.8 |
| SD | 6.457 |

| | |
|---|---|
| SE of Mean | 1.107 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24609 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 42 |
| Minimum | 10.8 |
| Maximum | 36 |
| Mean | 22.37 |
| Median | 21 |
| SD | 5.66 |
| SE of Mean | 0.844 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24612 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 43 |
| Minimum | 20.6 |
| Maximum | 52.5 |
| Mean | 36.66 |
| Median | 38.4 |
| SD | 8.105 |
| SE of Mean | 1.135 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.098 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.11 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24612 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 37 |
| Minimum | 14.2 |

| | |
|---|---|
| Maximum | 36.4 |
| Mean | 26.88 |
| Median | 28.3 |
| SD | 4.557 |
| SE of Mean | 0.665 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24612 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 18.9 |
| Maximum | 37.5 |
| Mean | 25.18 |
| Median | 23.3 |
| SD | 5.325 |
| SE of Mean | 0.927 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24612 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 40 |
| Minimum | 11.9 |
| Maximum | 48.2 |
| Mean | 25.28 |
| Median | 25.55 |
| SD | 7.358 |
| SE of Mean | 1.085 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0435 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.677 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24613 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 45 |
| Minimum | 27.9 |
| Maximum | 68.5 |
| Mean | 42.35 |
| Median | 42 |
| SD | 6.754 |
| SE of Mean | 0.937 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.25 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1.226E-06

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (24613 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 32 |
| Minimum | 20.4 |
| Maximum | 42 |
| Mean | 32.65 |
| Median | 32.4 |
| SD | 4.713 |
| SE of Mean | 0.755 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24613 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 44 |
| Minimum | 19.6 |
| Maximum | 44.2 |
| Mean | 26.14 |
| Median | 24.8 |
| SD | 5.726 |
| SE of Mean | 0.802 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24613 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 17 |
| Maximum | 35.6 |
| Mean | 24.69 |
| Median | 23.5 |
| SD | 4.754 |
| SE of Mean | 0.828 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24616 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 43 |
| Minimum | 12.3 |
| Maximum | 51.5 |
| Mean | 32.15 |
| Median | 32.45 |
| SD | 9.306 |
| SE of Mean | 1.372 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0652 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.406 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24617 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 30 |
| Minimum | 19.1 |
| Maximum | 63.7 |
| Mean | 45.61 |
| Median | 47.5 |
| SD | 8.962 |
| SE of Mean | 1.537 |
| Number of Exceedances | 19 |
| Sample Proportion of Exceedances | 0.559 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1.707E-16 |

**Conclusion with Alpha = 0.05**

Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

Vanadium(0-10) (24618 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 23 |
| Minimum | 21.8 |
| Maximum | 34.3 |
| Mean | 26.78 |
| Median | 25.85 |
| SD | 3.252 |
| SE of Mean | 0.638 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24618 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 15.7 |
| Maximum | 39.1 |
| Mean | 24.54 |
| Median | 23.2 |
| SD | 6.892 |
| SE of Mean | 1.302 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24618 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 32 |
| Minimum | 18.4 |
| Maximum | 35.1 |
| Mean | 25.74 |
| Median | 25.5 |
| SD | 5.06 |
| SE of Mean | 0.8 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24619 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 24.4 |
| Maximum | 42.3 |
| Mean | 32.18 |
| Median | 32.05 |
| SD | 4.679 |
| SE of Mean | 0.884 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24619 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 33 |
| Minimum | 13.4 |
| Maximum | 35.8 |
| Mean | 23.68 |
| Median | 24 |
| SD | 4.855 |
| SE of Mean | 0.788 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24619 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 30 |
| Minimum | 18.4 |
| Maximum | 32.2 |
| Mean | 25.39 |
| Median | 25.5 |
| SD | 4.697 |
| SE of Mean | 0.794 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24622 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 50 |
| Minimum | 12 |
| Maximum | 50.1 |
| Mean | 32.89 |
| Median | 35 |
| SD | 10.05 |
| SE of Mean | 1.381 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.113 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0482 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (24622 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 30 |
| Minimum | 19.1 |
| Maximum | 37 |
| Mean | 27.9 |
| Median | 28.25 |
| SD | 4.945 |
| SE of Mean | 0.848 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24623 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 29 |
| Minimum | 28.1 |
| Maximum | 67.1 |

| | |
|---|---|
| Mean | 42.33 |
| Median | 42.1 |
| SD | 7.025 |
| SE of Mean | 1.242 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.25 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0001391 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Vanadium(0-10) (24623 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 28.6 |
| Maximum | 40.5 |
| Mean | 34.31 |
| Median | 34.65 |
| SD | 3.058 |
| SE of Mean | 0.51 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24627 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 45 |
| Minimum | 23.1 |
| Maximum | 75.2 |
| Mean | 40.61 |
| Median | 40.75 |
| SD | 9.711 |
| SE of Mean | 1.402 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.271 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.495E-07 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Vanadium(0-10) (24628 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 47 |
| Minimum | 10.1 |
| Maximum | 55.6 |
| Mean | 32.98 |
| Median | 34.2 |
| SD | 11.3 |
| SE of Mean | 1.566 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.115 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0445 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Vanadium(0-10) (24628 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 16 |
| Minimum | 16.5 |
| Maximum | 34.6 |
| Mean | 23.52 |
| Median | 23.3 |
| SD | 4.916 |
| SE of Mean | 1.159 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24629 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 34 |
| Minimum | 23.6 |
| Maximum | 38.4 |
| Mean | 30.69 |
| Median | 31.3 |
| SD | 3.875 |
| SE of Mean | 0.62 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24632 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 20 |
| Number of Distinct Observations | 20 |
| Minimum | 16.7 |
| Maximum | 42.1 |
| Mean | 27.6 |
| Median | 27.45 |
| SD | 5.419 |
| SE of Mean | 1.212 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24633 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 20.4 |
| Maximum | 82.2 |
| Mean | 36.92 |
| Median | 36.1 |
| SD | 10.44 |
| SE of Mean | 1.651 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.075 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.323 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24700 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 40 |
| Minimum | 10.8 |
| Maximum | 45.7 |
| Mean | 31.09 |
| Median | 32 |
| SD | 6.738 |
| SE of Mean | 0.993 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0217 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.906 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Vanadium(0-10) (24700 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 56 |
| Number of Distinct Observations | 51 |
| Minimum | 17.5 |
| Maximum | 40.3 |
| Mean | 25.67 |
| Median | 25.35 |
| SD | 5.199 |
| SE of Mean | 0.695 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24702 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 38 |
| Minimum | 20.3 |
| Maximum | 36.1 |
| Mean | 27.25 |
| Median | 26.85 |
| SD | 3.56 |
| SE of Mean | 0.525 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24702 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 18.5 |
| Maximum | 38.7 |
| Mean | 26.4 |
| Median | 25.65 |
| SD | 4.656 |
| SE of Mean | 0.85 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24703 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 19.1 |
| Maximum | 49.9 |
| Mean | 35.63 |
| Median | 38.15 |
| SD | 9.181 |
| SE of Mean | 1.53 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.111 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.104 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24703 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 36 |
| Minimum | 21.6 |
| Maximum | 42.9 |
| Mean | 31.17 |
| Median | 30.8 |
| SD | 4.528 |
| SE of Mean | 0.725 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24703 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 46 |
| Minimum | 18.3 |
| Maximum | 37.7 |
| Mean | 28.27 |
| Median | 29 |
| SD | 4.666 |
| SE of Mean | 0.641 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24706 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 40 |
| Minimum | 13.1 |
| Maximum | 42.3 |
| Mean | 31.13 |
| Median | 32.5 |
| SD | 6.813 |
| SE of Mean | 1.039 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24706 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 19.5 |
| Maximum | 40 |
| Mean | 27.26 |
| Median | 26.6 |
| SD | 5.172 |
| SE of Mean | 0.9 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24707 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 22.6 |
| Maximum | 47.9 |
| Mean | 33.44 |

| | |
|---|---|
| Median | 33.1 |
| SD | 6.948 |
| SE of Mean | 1.142 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.027 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.85 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24708 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 33 |
| Minimum | 18 |
| Maximum | 42.1 |
| Mean | 27.46 |
| Median | 28.3 |
| SD | 6.016 |
| SE of Mean | 0.989 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24709 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 32 |
| Minimum | 20.2 |
| Maximum | 38.6 |
| Mean | 29.44 |
| Median | 29.5 |
| SD | 4.329 |
| SE of Mean | 0.712 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24709 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |

| | |
|---|---|
| Number of Distinct Observations | 37 |
| Minimum | 15.9 |
| Maximum | 31.8 |
| Mean | 25.43 |
| Median | 25.6 |
| SD | 3.76 |
| SE of Mean | 0.573 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24709 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 45 |
| Minimum | 19.1 |
| Maximum | 35.7 |
| Mean | 27.49 |
| Median | 27.6 |
| SD | 4.053 |
| SE of Mean | 0.562 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24710 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 38 |
| Minimum | 12.3 |
| Maximum | 51 |
| Mean | 33.89 |
| Median | 33.8 |
| SD | 7.267 |
| SE of Mean | 1.108 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0233 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.89 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24712 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 29 |
| Minimum | 18.7 |
| Maximum | 37.1 |
| Mean | 28.77 |
| Median | 28.5 |
| SD | 4.087 |
| SE of Mean | 0.722 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24712 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 25 |
| Minimum | 16.4 |
| Maximum | 38.8 |
| Mean | 27.5 |
| Median | 27 |
| SD | 4.601 |
| SE of Mean | 0.886 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24712 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 38 |
| Minimum | 19.8 |
| Maximum | 34.9 |
| Mean | 25.57 |
| Median | 25.2 |
| SD | 3.471 |
| SE of Mean | 0.517 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24713 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 19.7 |
| Maximum | 45.4 |
| Mean | 33.02 |
| Median | 33.9 |
| SD | 7.095 |
| SE of Mean | 1.166 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24713 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 22 |
| Minimum | 21 |
| Maximum | 40 |
| Mean | 29.97 |
| Median | 30.2 |
| SD | 5.016 |
| SE of Mean | 0.86 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24713 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 17.8 |
| Maximum | 36.2 |
| Mean | 25.71 |
| Median | 25.5 |
| SD | 5.038 |
| SE of Mean | 0.852 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24715 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 30 |
| Minimum | 21.5 |
| Maximum | 38.6 |
| Mean | 30.59 |
| Median | 30.5 |
| SD | 4.193 |
| SE of Mean | 0.689 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24716 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 21.4 |
| Maximum | 42.1 |
| Mean | 33.96 |
| Median | 33.7 |
| SD | 5.697 |
| SE of Mean | 1.04 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24716 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 18.4 |
| Maximum | 29.8 |
| Mean | 23.3 |
| Median | 23.5 |
| SD | 3.075 |
| SE of Mean | 0.794 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24717 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 37 |
| Minimum | 18.3 |
| Maximum | 41.2 |
| Mean | 27.52 |
| Median | 25.75 |
| SD | 6.898 |
| SE of Mean | 1.119 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24718 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 65 |
| Number of Distinct Observations | 57 |
| Minimum | 15.7 |
| Maximum | 36.3 |
| Mean | 24.82 |
| Median | 25.1 |
| SD | 5.664 |
| SE of Mean | 0.703 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24718 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 17.1 |
| Maximum | 35.4 |
| Mean | 26.44 |
| Median | 26.4 |

| | |
|---|---|
| SD | 4.803 |
| SE of Mean | 0.836 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24719 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 13.1 |
| Maximum | 39.1 |
| Mean | 28.43 |
| Median | 27.4 |
| SD | 5.997 |
| SE of Mean | 1.044 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24719 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 24 |
| Minimum | 22.8 |
| Maximum | 38.6 |
| Mean | 28.04 |
| Median | 27.6 |
| SD | 4.452 |
| SE of Mean | 0.841 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24719 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 38 |

| | |
|---|---|
| Minimum | 17.2 |
| Maximum | 34.9 |
| Mean | 26.33 |
| Median | 27.1 |
| SD | 5.059 |
| SE of Mean | 0.754 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24722 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 16.8 |
| Maximum | 42.8 |
| Mean | 29.3 |
| Median | 29.25 |
| SD | 6.388 |
| SE of Mean | 1.096 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24722 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 6.22 |
| Maximum | 31.2 |
| Mean | 23.02 |
| Median | 23.35 |
| SD | 5.124 |
| SE of Mean | 0.81 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24722 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 17 |
| Minimum | 15.2 |
| Maximum | 35.8 |
| Mean | 23.37 |
| Median | 24.15 |
| SD | 5.606 |
| SE of Mean | 1.321 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24722 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 29 |
| Minimum | 16 |
| Maximum | 33.8 |
| Mean | 23.84 |
| Median | 24 |
| SD | 4.819 |
| SE of Mean | 0.753 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24723 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 22 |
| Minimum | 9.24 |
| Maximum | 40.9 |
| Mean | 27.61 |
| Median | 29.1 |
| SD | 7.971 |
| SE of Mean | 1.699 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24723 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 16 |
| Maximum | 31.6 |
| Mean | 23.4 |
| Median | 24 |
| SD | 4.973 |
| SE of Mean | 0.818 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24725 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 17.2 |
| Maximum | 31.3 |
| Mean | 24.85 |
| Median | 25.8 |
| SD | 4.129 |
| SE of Mean | 0.698 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (24726 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 44 |
| Minimum | 11.1 |
| Maximum | 53 |
| Mean | 34.06 |
| Median | 34.7 |
| SD | 8.325 |
| SE of Mean | 1.189 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0408 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.71 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24726 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 11.5 |
| Maximum | 33.3 |
| Mean | 22.54 |
| Median | 23.4 |
| SD | 5.8 |
| SE of Mean | 0.953 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24727 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 37 |
| Minimum | 10.9 |
| Maximum | 47.6 |
| Mean | 28.59 |
| Median | 30.2 |
| SD | 8.437 |
| SE of Mean | 1.334 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.025 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.871 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24728 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 15.7 |
| Maximum | 34.7 |
| Mean | 22.53 |
| Median | 21.5 |
| SD | 4.854 |
| SE of Mean | 0.845 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24728 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 29 |
| Minimum | 14.7 |
| Maximum | 34 |
| Mean | 25.13 |
| Median | 26.1 |
| SD | 5.423 |
| SE of Mean | 0.974 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24729 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 31 |
| Minimum | 15 |
| Maximum | 37.6 |
| Mean | 25.28 |
| Median | 25 |
| SD | 4.726 |
| SE of Mean | 0.799 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24729 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 30 |
| Minimum | 16.8 |
| Maximum | 40.1 |
| Mean | 25.38 |
| Median | 23.6 |
| SD | 6.751 |

| | |
|---|---|
| SE of Mean | 1.158 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24729 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 16 |
| Number of Distinct Observations | 16 |
| Minimum | 15.8 |
| Maximum | 36.4 |
| Mean | 22.74 |
| Median | 19.85 |
| SD | 6.036 |
| SE of Mean | 1.509 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24732 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 4.74 |
| Maximum | 43.7 |
| Mean | 27.94 |
| Median | 27.1 |
| SD | 9.453 |
| SE of Mean | 1.554 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24732 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 15.7 |

| | |
|---|---|
| Maximum | 35.5 |
| Mean | 24.65 |
| Median | 25 |
| SD | 5.037 |
| SE of Mean | 0.851 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24732 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 14.9 |
| Maximum | 39 |
| Mean | 25.26 |
| Median | 24.7 |
| SD | 6.082 |
| SE of Mean | 1.059 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24732 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 37 |
| Minimum | 15.6 |
| Maximum | 32.1 |
| Mean | 23.23 |
| Median | 23.8 |
| SD | 4.575 |
| SE of Mean | 0.706 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24733 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 7.83 |
| Maximum | 43.4 |
| Mean | 28.85 |
| Median | 30.35 |
| SD | 9.697 |
| SE of Mean | 1.714 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24733 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 33 |
| Minimum | 18.4 |
| Maximum | 38.5 |
| Mean | 28.33 |
| Median | 28.5 |
| SD | 6.296 |
| SE of Mean | 1.021 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24733 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 32 |
| Minimum | 17 |
| Maximum | 33.3 |
| Mean | 22.78 |
| Median | 21.15 |
| SD | 5.099 |
| SE of Mean | 0.806 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24735 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 14.4 |
| Maximum | 35.1 |
| Mean | 24.33 |
| Median | 23.6 |
| SD | 5.723 |
| SE of Mean | 0.954 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24736 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 49 |
| Minimum | 12.7 |
| Maximum | 43.7 |
| Mean | 29.81 |
| Median | 30.4 |
| SD | 7.11 |
| SE of Mean | 0.986 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24736 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 36 |
| Minimum | 19 |
| Maximum | 31.8 |
| Mean | 26.19 |
| Median | 25.6 |
| SD | 3.17 |
| SE of Mean | 0.483 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24737 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 20.9 |
| Maximum | 39.7 |
| Mean | 27.59 |
| Median | 26.4 |
| SD | 5.872 |
| SE of Mean | 1.11 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24738 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 42 |
| Minimum | 17.9 |
| Maximum | 34.6 |
| Mean | 25.67 |
| Median | 25.4 |
| SD | 4.157 |
| SE of Mean | 0.582 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24738 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 12.4 |
| Maximum | 42.3 |
| Mean | 24.51 |
| Median | 22.95 |
| SD | 7.188 |
| SE of Mean | 1.271 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24739 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 35 |
| Minimum | 18.5 |
| Maximum | 34.9 |
| Mean | 24.53 |
| Median | 24.2 |
| SD | 4.441 |
| SE of Mean | 0.694 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24739 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 39 |
| Minimum | 16.3 |
| Maximum | 37 |
| Mean | 25.53 |
| Median | 26.1 |
| SD | 5.67 |
| SE of Mean | 0.865 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24739 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 38 |
| Minimum | 8.72 |
| Maximum | 35.6 |
| Mean | 24.03 |
| Median | 23.8 |
| SD | 5.496 |
| SE of Mean | 0.848 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24740 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 51 |
| Minimum | 12.8 |
| Maximum | 36.9 |
| Mean | 26.36 |
| Median | 26.8 |
| SD | 5.121 |
| SE of Mean | 0.64 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24741 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 20.5 |
| Maximum | 35.3 |
| Mean | 28.2 |
| Median | 27.8 |
| SD | 4.772 |
| SE of Mean | 1.378 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24743 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 38 |
| Minimum | 19.2 |
| Maximum | 33.6 |

| | |
|---|---|
| Mean | 26 |
| Median | 25.65 |
| SD | 3.324 |
| SE of Mean | 0.513 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24744 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 21 |
| Minimum | 18.2 |
| Maximum | 43 |
| Mean | 26.55 |
| Median | 24.9 |
| SD | 5.884 |
| SE of Mean | 1.177 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24748 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 20 |
| Minimum | 22.1 |
| Maximum | 34.3 |
| Mean | 28.15 |
| Median | 28.25 |
| SD | 2.921 |
| SE of Mean | 0.596 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24749 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 35 |
| Minimum | 17 |
| Maximum | 40.7 |
| Mean | 25.23 |
| Median | 25.2 |
| SD | 3.756 |
| SE of Mean | 0.573 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24752 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 41 |
| Minimum | 18.7 |
| Maximum | 33 |
| Mean | 24.69 |
| Median | 24.9 |
| SD | 3.552 |
| SE of Mean | 0.529 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24802 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 42 |
| Minimum | 13.4 |
| Maximum | 33.4 |
| Mean | 23.18 |
| Median | 23.4 |
| SD | 5.887 |
| SE of Mean | 0.859 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24803 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 29 |
| Minimum | 17.6 |
| Maximum | 32.5 |
| Mean | 23.42 |
| Median | 22.4 |
| SD | 4.197 |
| SE of Mean | 0.742 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24803 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 15.9 |
| Maximum | 35.4 |
| Mean | 22.38 |
| Median | 20.2 |
| SD | 6.301 |
| SE of Mean | 1.485 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24809 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 23 |
| Minimum | 17.3 |
| Maximum | 32.1 |
| Mean | 22.84 |
| Median | 22.1 |
| SD | 3.982 |
| SE of Mean | 0.766 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Vanadium(0-10) (24809 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 32 |
| Minimum | 21.2 |
| Maximum | 38.3 |
| Mean | 27.66 |
| Median | 27.85 |
| SD | 3.584 |
| SE of Mean | 0.597 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24812 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 13.4 |
| Maximum | 31.5 |
| Mean | 21.42 |
| Median | 23 |
| SD | 5.436 |
| SE of Mean | 1.009 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (24813 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 15 |
| Minimum | 20.4 |
| Maximum | 38.8 |
| Mean | 27.47 |
| Median | 26.2 |
| SD | 5.951 |
| SE of Mean | 1.536 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24815 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 14.8 |
| Maximum | 31.9 |
| Mean | 24.1 |
| Median | 23.3 |
| SD | 4.344 |
| SE of Mean | 0.793 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24818 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 31 |
| Minimum | 13.4 |
| Maximum | 30.6 |
| Mean | 21.93 |
| Median | 22.55 |
| SD | 4.992 |
| SE of Mean | 0.856 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24819 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 30 |
| Minimum | 18.6 |
| Maximum | 36.1 |
| Mean | 23.96 |
| Median | 24 |
| SD | 3.593 |
| SE of Mean | 0.616 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24822 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 39 |
| Minimum | 15.1 |
| Maximum | 33.4 |
| Mean | 22.78 |
| Median | 23.2 |
| SD | 5.31 |
| SE of Mean | 0.81 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24823 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 33 |
| Minimum | 17.5 |
| Maximum | 33.4 |
| Mean | 24.66 |
| Median | 24.6 |
| SD | 3.079 |
| SE of Mean | 0.493 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24825 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 98 |
| Number of Distinct Observations | 72 |
| Minimum | 18.8 |
| Maximum | 35.1 |
| Mean | 25.39 |

| | |
|---|---|
| Median | 24.45 |
| SD | 4.39 |
| SE of Mean | 0.443 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24828 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 31 |
| Minimum | 12.5 |
| Maximum | 33.5 |
| Mean | 21.23 |
| Median | 22.65 |
| SD | 5.335 |
| SE of Mean | 0.889 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24829 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 43 |
| Minimum | 17.6 |
| Maximum | 36.7 |
| Mean | 24.05 |
| Median | 23.1 |
| SD | 4.141 |
| SE of Mean | 0.598 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24832 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |

| | |
|---|---|
| Number of Distinct Observations | 34 |
| Minimum | 15 |
| Maximum | 33.4 |
| Mean | 23.54 |
| Median | 23.5 |
| SD | 4.619 |
| SE of Mean | 0.749 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24833 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 36 |
| Minimum | 16.8 |
| Maximum | 39.2 |
| Mean | 25.24 |
| Median | 23.9 |
| SD | 6.061 |
| SE of Mean | 0.924 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24838 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 15 |
| Maximum | 32 |
| Mean | 24.22 |
| Median | 24.25 |
| SD | 4.21 |
| SE of Mean | 0.796 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24904 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 74 |
| Number of Distinct Observations | 58 |
| Minimum | 8.09 |
| Maximum | 33.7 |
| Mean | 25.23 |
| Median | 25.15 |
| SD | 4.115 |
| SE of Mean | 0.478 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (24912 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 14.6 |
| Maximum | 36.2 |
| Mean | 22.29 |
| Median | 19.2 |
| SD | 6.496 |
| SE of Mean | 1.083 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (301 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 14.4 |
| Maximum | 48.4 |
| Mean | 33.97 |
| Median | 32.2 |
| SD | 8.911 |
| SE of Mean | 1.655 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.103 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.175 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (305 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 54 |
| Number of Distinct Observations | 50 |
| Minimum | 19.9 |
| Maximum | 59.1 |
| Mean | 35.15 |
| Median | 34.3 |
| SD | 8.229 |
| SE of Mean | 1.12 |
| Number of Exceedances | 5 |
| Sample Proportion of Exceedances | 0.0926 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.132 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (311 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 71 |
| Number of Distinct Observations | 62 |
| Minimum | 12.3 |
| Maximum | 54.4 |
| Mean | 33.37 |
| Median | 33.9 |
| SD | 9.087 |
| SE of Mean | 1.078 |
| Number of Exceedances | 8 |
| Sample Proportion of Exceedances | 0.113 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.0252 |

**Conclusion with Alpha = 0.05**
**Reject H0, Conclude Site Proportion > 0.05**
**P-Value < Alpha (0.05)**

**Vanadium(0-10) (317 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 52 |
| Minimum | 16.3 |
| Maximum | 51 |
| Mean | 33.37 |
| Median | 34.2 |
| SD | 7.789 |
| SE of Mean | 1.023 |
| Number of Exceedances | 2 |
| Sample Proportion of Exceedances | 0.0345 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.793 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (321 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 36 |
| Minimum | 21.9 |
| Maximum | 71.5 |
| Mean | 40.32 |
| Median | 38.1 |
| SD | 10.8 |
| SE of Mean | 1.707 |
| Number of Exceedances | 13 |
| Sample Proportion of Exceedances | 0.325 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 4.088E-08 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (327 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 29 |
| Maximum | 51.9 |
| Mean | 39.43 |
| Median | 37.15 |
| SD | 8.364 |
| SE of Mean | 2.414 |
| Number of Exceedances | 4 |
| Sample Proportion of Exceedances | 0.333 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00224 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (331 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 19.9 |
| Maximum | 59.8 |
| Mean | 38.39 |
| Median | 37.15 |
| SD | 9.435 |
| SE of Mean | 1.783 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.214 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00227 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (337 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 21.2 |
| Maximum | 50.9 |
| Mean | 36.55 |
| Median | 35.75 |
| SD | 7.804 |
| SE of Mean | 1.338 |
| Number of Exceedances | 6 |
| Sample Proportion of Exceedances | 0.176 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.00627 |

**Conclusion with Alpha = 0.05**
Reject H0, Conclude Site Proportion > 0.05
P-Value < Alpha (0.05)

**Vanadium(0-10) (341 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 41 |
| Minimum | 26 |
| Maximum | 60.4 |
| Mean | 36.94 |
| Median | 35.7 |
| SD | 6.234 |
| SE of Mean | 0.9 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0625 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.433 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (344 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 32 |
| Minimum | 16.3 |
| Maximum | 39.5 |
| Mean | 24.62 |
| Median | 22 |

| | |
|---|---|
| SD | 7.074 |
| SE of Mean | 1.196 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (345 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 93 |
| Number of Distinct Observations | 68 |
| Minimum | 16.2 |
| Maximum | 39.1 |
| Mean | 25.91 |
| Median | 26.4 |
| SD | 4.815 |
| SE of Mean | 0.499 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (347 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 24.1 |
| Maximum | 45.5 |
| Mean | 35.1 |
| Median | 34.45 |
| SD | 6.257 |
| SE of Mean | 1.106 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (348 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 46 |

| | |
|---|---|
| Minimum | 16.4 |
| Maximum | 33.6 |
| Mean | 23.78 |
| Median | 23 |
| SD | 4.607 |
| SE of Mean | 0.658 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (348 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 43 |
| Minimum | 15.9 |
| Maximum | 38.7 |
| Mean | 24.6 |
| Median | 23.4 |
| SD | 6.232 |
| SE of Mean | 0.873 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (351 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 15.9 |
| Maximum | 42.4 |
| Mean | 33.98 |
| Median | 35.85 |
| SD | 6.239 |
| SE of Mean | 1.103 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (352 249th st)

One-Sample Proportion Test

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 28 |
| Minimum | 15.7 |
| Maximum | 33.2 |
| Mean | 22.79 |
| Median | 22.45 |
| SD | 4.389 |
| SE of Mean | 0.776 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (353 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 28 |
| Minimum | 17.1 |
| Maximum | 33.6 |
| Mean | 26.95 |
| Median | 28.4 |
| SD | 4.865 |
| SE of Mean | 0.86 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (354 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 32 |
| Minimum | 18.9 |
| Maximum | 34.1 |
| Mean | 25.96 |
| Median | 25.9 |
| SD | 2.69 |
| SE of Mean | 0.431 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (357 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 35 |
| Minimum | 18.3 |
| Maximum | 44.2 |
| Mean | 33.22 |
| Median | 33 |
| SD | 7.011 |
| SE of Mean | 1.109 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (357 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 17.1 |
| Maximum | 32.1 |
| Mean | 25.44 |
| Median | 26.25 |
| SD | 3.953 |
| SE of Mean | 0.807 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (358 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 38 |
| Minimum | 11.4 |
| Maximum | 31.7 |
| Mean | 20.25 |
| Median | 19.3 |
| SD | 5.638 |
| SE of Mean | 0.86 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (360 248th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 38 |
| Minimum | 16.7 |
| Maximum | 47.8 |
| Mean | 27.16 |
| Median | 26.7 |
| SD | 4.555 |
| SE of Mean | 0.657 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0208 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.915 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (361 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 21 |
| Minimum | 18.7 |
| Maximum | 51 |
| Mean | 35.02 |
| Median | 35.7 |
| SD | 6.664 |
| SE of Mean | 1.39 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0435 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 0.693 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Vanadium(0-10) (362 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 23 |
| Minimum | 14.4 |
| Maximum | 38.6 |
| Mean | 23.33 |
| Median | 22 |
| SD | 7.386 |
| SE of Mean | 1.477 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (363 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 25 |
| Minimum | 18.8 |
| Maximum | 30.6 |
| Mean | 24.42 |
| Median | 24.1 |
| SD | 2.922 |
| SE of Mean | 0.562 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (364 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 38 |
| Minimum | 17.9 |
| Maximum | 31.7 |
| Mean | 24.42 |
| Median | 24.25 |
| SD | 2.933 |
| SE of Mean | 0.423 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (367 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 13 |
| Minimum | 16.3 |
| Maximum | 45.7 |
| Mean | 32.06 |
| Median | 32.5 |
| SD | 8.264 |

| | |
|---|---|
| SE of Mean | 2.292 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0769 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.487 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (367 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 40 |
| Minimum | 6.71 |
| Maximum | 32.4 |
| Mean | 23.16 |
| Median | 24.5 |
| SD | 4.919 |
| SE of Mean | 0.725 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (368 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 55 |
| Number of Distinct Observations | 49 |
| Minimum | 15.9 |
| Maximum | 36.3 |
| Mean | 23.19 |
| Median | 21.3 |
| SD | 5.567 |
| SE of Mean | 0.751 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (373 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 34 |
| Minimum | 14.3 |

| | |
|---|---|
| Maximum | 31.4 |
| Mean | 21.36 |
| Median | 21.2 |
| SD | 3.766 |
| SE of Mean | 0.581 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (374 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 120 |
| Number of Distinct Observations | 83 |
| Minimum | 7.22 |
| Maximum | 33.9 |
| Mean | 25.27 |
| Median | 24.75 |
| SD | 3.853 |
| SE of Mean | 0.352 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.304 |
| Critical Value (0.05) | 1.645 |
| P-Value | 0.0106 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value < Alpha (0.05)

**Vanadium(0-10) (374 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 25 |
| Minimum | 11.8 |
| Maximum | 36.3 |
| Mean | 23.05 |
| Median | 21.1 |
| SD | 6.348 |
| SE of Mean | 1.222 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (377 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 28 |
| Minimum | 26.8 |
| Maximum | 44.8 |
| Mean | 35.28 |
| Median | 34.95 |
| SD | 4.914 |
| SE of Mean | 0.869 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (377 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 29 |
| Minimum | 11 |
| Maximum | 28.8 |
| Mean | 21.02 |
| Median | 20.6 |
| SD | 3.367 |
| SE of Mean | 0.586 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (378 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 37 |
| Minimum | 15.7 |
| Maximum | 35 |
| Mean | 22.45 |
| Median | 20 |
| SD | 5.578 |
| SE of Mean | 0.871 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (383 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 29 |
| Minimum | 15.7 |
| Maximum | 24.8 |
| Mean | 20.34 |
| Median | 20.45 |
| SD | 2.55 |
| SE of Mean | 0.451 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (402 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 16.7 |
| Maximum | 35.5 |
| Mean | 23.59 |
| Median | 22.4 |
| SD | 5.301 |
| SE of Mean | 0.937 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Vanadium(0-10) (408 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 17.5 |
| Maximum | 34.5 |
| Mean | 23.94 |
| Median | 21.6 |
| SD | 5.281 |
| SE of Mean | 1.078 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Vanadium(0-10) (412 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 77 |
| Number of Distinct Observations | 71 |
| Minimum | 15.3 |
| Maximum | 70.7 |
| Mean | 26.3 |
| Median | 24.4 |
| SD | 9.301 |
| SE of Mean | 1.06 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.013 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.981 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24401 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 27.9 |
| Maximum | 85.7 |
| Mean | 49.15 |
| Median | 47.6 |
| SD | 12.03 |
| SE of Mean | 2.093 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24402 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 40 |
| Minimum | 29 |
| Maximum | 106 |
| Mean | 41.7 |
| Median | 39.9 |
| SD | 11.45 |
| SE of Mean | 1.653 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24402 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 127 |
| Number of Distinct Observations | 110 |
| Minimum | 11.5 |
| Maximum | 93.6 |
| Mean | 45.03 |
| Median | 43.4 |
| SD | 13.55 |
| SE of Mean | 1.203 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.382 |
| Critical Value (0.05) | 1.645 |

| | |
|---|---|
| P-Value | 0.00861 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value < Alpha (0.05)

**Zinc(0-10) (24402 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 27 |
| Maximum | 104 |
| Mean | 45.71 |
| Median | 42.5 |
| SD | 14.94 |
| SE of Mean | 2.362 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24403 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 41 |
| Minimum | 28.5 |
| Maximum | 109 |
| Mean | 48.22 |
| Median | 44.55 |
| SD | 17.52 |
| SE of Mean | 2.582 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24403 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 62 |
| Number of Distinct Observations | 52 |
| Minimum | 28.8 |
| Maximum | 106 |
| Mean | 48.75 |
| Median | 47.55 |
| SD | 12.19 |
| SE of Mean | 1.548 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24405 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 23 |
| Minimum | 25.4 |
| Maximum | 75.1 |
| Mean | 45.58 |
| Median | 44 |
| SD | 10.73 |
| SE of Mean | 2.147 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24406 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 29.3 |
| Maximum | 107 |
| Mean | 47.3 |
| Median | 43.25 |
| SD | 17.23 |
| SE of Mean | 2.724 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24406 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 25 |
| Minimum | 26.6 |
| Maximum | 99.3 |
| Mean | 42.33 |

| | |
|---|---|
| Median | 38.9 |
| SD | 13.98 |
| SE of Mean | 2.643 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24406 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 22 |
| Minimum | 23.5 |
| Maximum | 125 |
| Mean | 54.88 |
| Median | 45.2 |
| SD | 26.64 |
| SE of Mean | 5.554 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24406 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 25 |
| Minimum | 26.9 |
| Maximum | 62.5 |
| Mean | 38.9 |
| Median | 37.95 |
| SD | 8.081 |
| SE of Mean | 1.585 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24409 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |

| | |
|---|---|
| Number of Distinct Observations | 23 |
| Minimum | 32.3 |
| Maximum | 166 |
| Mean | 54.4 |
| Median | 43.1 |
| SD | 30.13 |
| SE of Mean | 6.151 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24409 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 28.4 |
| Maximum | 447 |
| Mean | 55.92 |
| Median | 41.1 |
| SD | 73.26 |
| SE of Mean | 12.75 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0303 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.816 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24410 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 17.3 |
| Maximum | 93 |
| Mean | 43.43 |
| Median | 40.9 |
| SD | 17.16 |
| SE of Mean | 2.988 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24411 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 69 |
| Number of Distinct Observations | 62 |
| Minimum | 27.6 |
| Maximum | 107 |
| Mean | 51.28 |
| Median | 48.8 |
| SD | 12.39 |
| SE of Mean | 1.492 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24411 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 37 |
| Minimum | 31.8 |
| Maximum | 288 |
| Mean | 66.66 |
| Median | 51 |
| SD | 54.06 |
| SE of Mean | 8.888 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24412 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 33.4 |
| Maximum | 477 |
| Mean | 79.85 |
| Median | 56.3 |
| SD | 84.78 |
| SE of Mean | 15.23 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0323 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.796

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24412 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 61 |
| Number of Distinct Observations | 57 |
| Minimum | 28 |
| Maximum | 88.3 |
| Mean | 40.95 |
| Median | 39.3 |
| SD | 10.01 |
| SE of Mean | 1.282 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24413 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 25.4 |
| Maximum | 140 |
| Mean | 51.53 |
| Median | 43.25 |
| SD | 28.02 |
| SE of Mean | 5.719 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24413 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 20.9 |
| Maximum | 188 |
| Mean | 51.2 |
| Median | 37.2 |
| SD | 38.53 |
| SE of Mean | 7.282 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24416 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 50 |
| Number of Distinct Observations | 46 |
| Minimum | 25.3 |
| Maximum | 149 |
| Mean | 47.92 |
| Median | 44.8 |
| SD | 22.04 |
| SE of Mean | 3.118 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24416 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 20 |
| Minimum | 26.7 |
| Maximum | 45.3 |
| Mean | 35.92 |
| Median | 36.5 |
| SD | 5.129 |
| SE of Mean | 1.119 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24416 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 21.5 |
| Maximum | 135 |
| Mean | 43.13 |
| Median | 39.8 |
| SD | 19.85 |
| SE of Mean | 3.456 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24416 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 40 |
| Minimum | 26.3 |
| Maximum | 180 |
| Mean | 41.65 |
| Median | 37.2 |
| SD | 23.25 |
| SE of Mean | 3.588 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24417 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 8 |
| Number of Distinct Observations | 8 |
| Minimum | 39.6 |
| Maximum | 80.4 |
| Mean | 52.95 |
| Median | 53.3 |
| SD | 12.53 |
| SE of Mean | 4.43 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24417 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 45 |
| Minimum | 22.2 |
| Maximum | 64.7 |
| Mean | 38.89 |
| Median | 37.9 |

| | |
|---|---|
| SD | 8.279 |
| SE of Mean | 1.208 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24419 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 25.5 |
| Maximum | 142 |
| Mean | 47.25 |
| Median | 40.8 |
| SD | 23.51 |
| SE of Mean | 4.156 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24419 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 19.9 |
| Maximum | 83.6 |
| Mean | 37.99 |
| Median | 36.35 |
| SD | 12.43 |
| SE of Mean | 2.198 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24420 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |

| | |
|---|---|
| Minimum | 18.2 |
| Maximum | 143 |
| Mean | 54.78 |
| Median | 40.1 |
| SD | 35.42 |
| SE of Mean | 6.166 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24421 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 39.5 |
| Maximum | 242 |
| Mean | 83.68 |
| Median | 68.95 |
| SD | 45.99 |
| SE of Mean | 8.396 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24422 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 42 |
| Minimum | 22.3 |
| Maximum | 127 |
| Mean | 43.68 |
| Median | 39.4 |
| SD | 16.32 |
| SE of Mean | 2.488 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24422 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 28.8 |
| Maximum | 115 |
| Mean | 45.95 |
| Median | 42.25 |
| SD | 17.23 |
| SE of Mean | 2.872 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24422 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 27 |
| Maximum | 56.1 |
| Mean | 36.7 |
| Median | 36.8 |
| SD | 5.799 |
| SE of Mean | 1.077 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24423 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 12 |
| Minimum | 40.6 |
| Maximum | 185 |
| Mean | 61.61 |
| Median | 48.3 |
| SD | 38.3 |
| SE of Mean | 10.62 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24423 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 21.3 |
| Maximum | 81.1 |
| Mean | 38.51 |
| Median | 35.1 |
| SD | 11.31 |
| SE of Mean | 1.86 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24423 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 36 |
| Minimum | 24.6 |
| Maximum | 57.3 |
| Mean | 38.84 |
| Median | 36.55 |
| SD | 8.245 |
| SE of Mean | 1.304 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24426 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 21 |
| Minimum | 29.2 |
| Maximum | 161 |
| Mean | 53.67 |
| Median | 44.35 |
| SD | 28.9 |
| SE of Mean | 5.898 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24426 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 22.2 |
| Maximum | 73.3 |
| Mean | 37.92 |
| Median | 34.65 |
| SD | 12.07 |
| SE of Mean | 2.203 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24426 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 14.8 |
| Maximum | 101 |
| Mean | 43.8 |
| Median | 42.6 |
| SD | 16.66 |
| SE of Mean | 3.042 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24426 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 47 |
| Minimum | 24.7 |
| Maximum | 82 |
| Mean | 42.14 |
| Median | 40.4 |
| SD | 11.85 |
| SE of Mean | 1.693 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24427 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 24 |
| Minimum | 31.5 |
| Maximum | 82.8 |
| Mean | 50.16 |
| Median | 49.3 |
| SD | 11.4 |
| SE of Mean | 2.28 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24427 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 36 |
| Minimum | 27.1 |
| Maximum | 248 |
| Mean | 45.58 |
| Median | 39.5 |
| SD | 34.67 |
| SE of Mean | 5.624 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24429 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 19 |
| Number of Distinct Observations | 18 |
| Minimum | 29.1 |
| Maximum | 71.2 |
| Mean | 39.54 |
| Median | 36.9 |
| SD | 9.008 |

| | |
|---|---|
| SE of Mean | 2.067 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24429 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 26.7 |
| Maximum | 84.3 |
| Mean | 42.91 |
| Median | 40.1 |
| SD | 13.3 |
| SE of Mean | 2.469 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24430 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 26 |
| Minimum | 9.11 |
| Maximum | 178 |
| Mean | 38.84 |
| Median | 32.7 |
| SD | 29.64 |
| SE of Mean | 5.411 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24431 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 29.1 |

| | |
|---|---|
| Maximum | 119 |
| Mean | 44.67 |
| Median | 42.1 |
| SD | 16.92 |
| SE of Mean | 2.859 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24432 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 67 |
| Number of Distinct Observations | 60 |
| Minimum | 25.6 |
| Maximum | 108 |
| Mean | 44.8 |
| Median | 41.6 |
| SD | 13.93 |
| SE of Mean | 1.702 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24433 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 40.3 |
| Maximum | 113 |
| Mean | 57.37 |
| Median | 54.4 |
| SD | 15.71 |
| SE of Mean | 3.024 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24436 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 8.67 |
| Maximum | 65.8 |
| Mean | 29.38 |
| Median | 28.4 |
| SD | 10.84 |
| SE of Mean | 1.833 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24502 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 47 |
| Minimum | 22.8 |
| Maximum | 81.5 |
| Mean | 44.7 |
| Median | 43.4 |
| SD | 13.48 |
| SE of Mean | 1.887 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24502 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 48 |
| Minimum | 24.4 |
| Maximum | 48.1 |
| Mean | 32.81 |
| Median | 33.25 |
| SD | 5.499 |
| SE of Mean | 0.722 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24502 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 43 |
| Minimum | 5.57 |
| Maximum | 47.2 |
| Mean | 27.37 |
| Median | 29.15 |
| SD | 8.005 |
| SE of Mean | 1.155 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24502 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 44 |
| Number of Distinct Observations | 41 |
| Minimum | 23 |
| Maximum | 65.1 |
| Mean | 36.14 |
| Median | 34.15 |
| SD | 8.485 |
| SE of Mean | 1.279 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24503 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 32.2 |
| Maximum | 76.9 |
| Mean | 44.41 |
| Median | 40 |
| SD | 11.05 |
| SE of Mean | 2.052 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24503 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 60 |
| Number of Distinct Observations | 55 |
| Minimum | 12.6 |
| Maximum | 86 |
| Mean | 42.12 |
| Median | 41.2 |
| SD | 11.44 |
| SE of Mean | 1.476 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24503 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 20.9 |
| Maximum | 52.1 |
| Mean | 37.43 |
| Median | 37.4 |
| SD | 6.123 |
| SE of Mean | 1.157 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24503 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 34 |
| Minimum | 23.9 |
| Maximum | 113 |
| Mean | 37.87 |
| Median | 34.75 |
| SD | 15.81 |
| SE of Mean | 2.711 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24506 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 29 |
| Maximum | 94.4 |
| Mean | 49.22 |
| Median | 48.5 |
| SD | 11.47 |
| SE of Mean | 1.912 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24507 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 34.1 |
| Maximum | 78 |
| Mean | 53.34 |
| Median | 53.3 |
| SD | 10.6 |
| SE of Mean | 1.767 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24508 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 26.9 |
| Maximum | 64.4 |
| Mean | 38.45 |
| Median | 37.35 |
| SD | 7.61 |
| SE of Mean | 1.203 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24508 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 9.83 |
| Maximum | 47.1 |
| Mean | 27.96 |
| Median | 30.85 |
| SD | 9.264 |
| SE of Mean | 1.891 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24508 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 35 |
| Minimum | 24.2 |
| Maximum | 163 |
| Mean | 42.72 |
| Median | 38.1 |
| SD | 24.84 |
| SE of Mean | 3.977 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24509 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 26.5 |
| Maximum | 87.4 |

| | |
|---|---|
| Mean | 43.08 |
| Median | 39.3 |
| SD | 14.24 |
| SE of Mean | 2.558 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24509 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 44 |
| Minimum | 25.1 |
| Maximum | 189 |
| Mean | 41.17 |
| Median | 35.8 |
| SD | 24.91 |
| SE of Mean | 3.634 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24509 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 26.2 |
| Maximum | 146 |
| Mean | 43.76 |
| Median | 36.2 |
| SD | 24.09 |
| SE of Mean | 3.96 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24512 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 39 |
| Minimum | 26.3 |
| Maximum | 69.4 |
| Mean | 44.5 |
| Median | 42.55 |
| SD | 9.439 |
| SE of Mean | 1.362 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24512 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 28.1 |
| Maximum | 103 |
| Mean | 40.77 |
| Median | 38.7 |
| SD | 12.86 |
| SE of Mean | 2.143 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24512 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 7.89 |
| Maximum | 46.5 |
| Mean | 24.69 |
| Median | 27.1 |
| SD | 9.888 |
| SE of Mean | 1.869 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24512 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 42 |
| Minimum | 19.9 |
| Maximum | 82.4 |
| Mean | 33.47 |
| Median | 32.9 |
| SD | 9.655 |
| SE of Mean | 1.424 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24513 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 19.6 |
| Maximum | 96.2 |
| Mean | 41.66 |
| Median | 39.5 |
| SD | 14.8 |
| SE of Mean | 2.434 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24513 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 46 |
| Minimum | 19.6 |
| Maximum | 52.9 |
| Mean | 32.06 |
| Median | 31.4 |
| SD | 6.663 |
| SE of Mean | 0.933 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Zinc(0-10) (24513 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 20.6 |
| Maximum | 89.7 |
| Mean | 40.63 |
| Median | 37.55 |
| SD | 15.52 |
| SE of Mean | 2.833 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24516 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 23.7 |
| Maximum | 64.6 |
| Mean | 42.21 |
| Median | 40.45 |
| SD | 10.14 |
| SE of Mean | 1.852 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24517 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 42.6 |
| Maximum | 94.7 |
| Mean | 61.23 |
| Median | 58.45 |
| SD | 14.08 |
| SE of Mean | 4.064 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24518 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 41 |
| Minimum | 23 |
| Maximum | 61.1 |
| Mean | 36.56 |
| Median | 36.8 |
| SD | 7.508 |
| SE of Mean | 1.119 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24518 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 39 |
| Minimum | 6.24 |
| Maximum | 346 |
| Mean | 39.87 |
| Median | 29.55 |
| SD | 55.29 |
| SE of Mean | 8.532 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0238 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.884 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24518 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 25.4 |
| Maximum | 84.3 |
| Mean | 39.78 |
| Median | 36.8 |
| SD | 12.86 |
| SE of Mean | 2.347 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24519 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 35 |
| Minimum | 26 |
| Maximum | 1240 |
| Mean | 78.45 |
| Median | 38.7 |
| SD | 203.1 |
| SE of Mean | 34.32 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0286 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.834 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24519 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 13.1 |
| Maximum | 87.5 |
| Mean | 34.58 |
| Median | 32.95 |
| SD | 13.7 |
| SE of Mean | 2.502 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24522 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 22.8 |
| Maximum | 69 |
| Mean | 48.07 |

| | |
|---|---|
| Median | 47.5 |
| SD | 11.22 |
| SE of Mean | 2.16 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24522 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 28 |
| Maximum | 56.8 |
| Mean | 41.2 |
| Median | 40.2 |
| SD | 8.253 |
| SE of Mean | 1.56 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24522 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 6.51 |
| Maximum | 51.2 |
| Mean | 26.31 |
| Median | 27.25 |
| SD | 11.72 |
| SE of Mean | 1.953 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24522 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |

| | |
|---|---|
| Number of Distinct Observations | 33 |
| Minimum | 8.08 |
| Maximum | 52.4 |
| Mean | 30.76 |
| Median | 31.5 |
| SD | 8.63 |
| SE of Mean | 1.459 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24523 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 44 |
| Minimum | 21 |
| Maximum | 106 |
| Mean | 49.81 |
| Median | 45.9 |
| SD | 16.41 |
| SE of Mean | 2.447 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24523 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 26.6 |
| Maximum | 86.1 |
| Mean | 44.13 |
| Median | 41.1 |
| SD | 14.86 |
| SE of Mean | 2.443 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24523 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 17 |
| Number of Distinct Observations | 16 |
| Minimum | 24.2 |
| Maximum | 409 |
| Mean | 58.04 |
| Median | 35.7 |
| SD | 90.99 |
| SE of Mean | 22.07 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0588 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.582

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24526 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 24.9 |
| Maximum | 79.4 |
| Mean | 44.12 |
| Median | 43.85 |
| SD | 10.66 |
| SE of Mean | 1.776 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24528 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 26 |
| Minimum | 10.7 |
| Maximum | 47 |
| Mean | 26.18 |
| Median | 26.7 |
| SD | 9.063 |
| SE of Mean | 1.628 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24528 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 37 |
| Minimum | 7.48 |
| Maximum | 55.9 |
| Mean | 25.14 |
| Median | 25.4 |
| SD | 10.69 |
| SE of Mean | 1.712 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24529 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 30 |
| Minimum | 27.6 |
| Maximum | 86.5 |
| Mean | 40.71 |
| Median | 35.9 |
| SD | 14.44 |
| SE of Mean | 2.553 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24529 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 7.42 |
| Maximum | 47.5 |
| Mean | 28.03 |
| Median | 30 |
| SD | 9.762 |
| SE of Mean | 1.993 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24529 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 26 |
| Minimum | 13.3 |
| Maximum | 195 |
| Mean | 45.42 |
| Median | 35.55 |
| SD | 37.46 |
| SE of Mean | 7.347 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24532 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 27.7 |
| Maximum | 86.3 |
| Mean | 54.55 |
| Median | 55.3 |
| SD | 14.56 |
| SE of Mean | 2.802 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24532 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 21 |
| Number of Distinct Observations | 20 |
| Minimum | 14.7 |
| Maximum | 121 |
| Mean | 48.38 |
| Median | 50.5 |
| SD | 28.73 |
| SE of Mean | 6.27 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24532 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 22 |
| Minimum | 14.1 |
| Maximum | 95 |
| Mean | 32.07 |
| Median | 29.7 |
| SD | 15.18 |
| SE of Mean | 3.165 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24532 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 25 |
| Minimum | 8.38 |
| Maximum | 41.6 |
| Mean | 27.17 |
| Median | 28.6 |
| SD | 8.451 |
| SE of Mean | 1.569 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24533 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 25 |
| Minimum | 37.4 |
| Maximum | 480 |
| Mean | 80.84 |
| Median | 59.8 |

| | |
|---|---|
| SD | 86.54 |
| SE of Mean | 17.31 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.04 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.723 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24533 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 8.75 |
| Maximum | 297 |
| Mean | 35.36 |
| Median | 27.3 |
| SD | 51 |
| SE of Mean | 9.471 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0345 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.774 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24533 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 50 |
| Minimum | 8.45 |
| Maximum | 88.9 |
| Mean | 28.53 |
| Median | 28.55 |
| SD | 13.16 |
| SE of Mean | 1.826 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24602 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 27 |

| | |
|---|---|
| Minimum | 25.3 |
| Maximum | 73 |
| Mean | 47.63 |
| Median | 46.95 |
| SD | 12.16 |
| SE of Mean | 2.085 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24602 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 16.6 |
| Maximum | 56.9 |
| Mean | 30.05 |
| Median | 29.6 |
| SD | 9.838 |
| SE of Mean | 1.713 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24602 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 38 |
| Minimum | 8.06 |
| Maximum | 79.3 |
| Mean | 33.1 |
| Median | 32.55 |
| SD | 12.16 |
| SE of Mean | 1.922 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24602 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 25 |
| Minimum | 12.4 |
| Maximum | 43.4 |
| Mean | 27.82 |
| Median | 27.9 |
| SD | 6.927 |
| SE of Mean | 1.309 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24603 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 25 |
| Minimum | 37.4 |
| Maximum | 111 |
| Mean | 60.6 |
| Median | 56.1 |
| SD | 18.21 |
| SE of Mean | 3.57 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24603 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 46 |
| Minimum | 12.6 |
| Maximum | 83.8 |
| Mean | 30.57 |
| Median | 28.8 |
| SD | 11.61 |
| SE of Mean | 1.658 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24603 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 27 |
| Minimum | 23.3 |
| Maximum | 42.9 |
| Mean | 33.69 |
| Median | 35.75 |
| SD | 5.901 |
| SE of Mean | 1.077 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24603 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 31 |
| Minimum | 14.9 |
| Maximum | 84.7 |
| Mean | 29.7 |
| Median | 26.8 |
| SD | 13.32 |
| SE of Mean | 2.393 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24606 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 63 |
| Number of Distinct Observations | 60 |
| Minimum | 13 |
| Maximum | 71.9 |
| Mean | 40.74 |
| Median | 42.4 |
| SD | 13.39 |
| SE of Mean | 1.687 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24607 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 30 |
| Minimum | 6.89 |
| Maximum | 148 |
| Mean | 48.25 |
| Median | 43.7 |
| SD | 25.72 |
| SE of Mean | 4.62 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24608 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 33 |
| Minimum | 14.3 |
| Maximum | 160 |
| Mean | 45.09 |
| Median | 29.7 |
| SD | 35.56 |
| SE of Mean | 5.846 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24608 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 19 |
| Minimum | 13.7 |
| Maximum | 62.3 |
| Mean | 31.95 |
| Median | 31 |
| SD | 10.92 |
| SE of Mean | 2.329 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24608 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 11 |
| Maximum | 91 |
| Mean | 32.14 |
| Median | 29.55 |
| SD | 16.2 |
| SE of Mean | 2.562 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24609 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 29 |
| Minimum | 15.9 |
| Maximum | 63 |
| Mean | 36.81 |
| Median | 35.8 |
| SD | 12.02 |
| SE of Mean | 2.194 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24609 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 14.7 |
| Maximum | 50.5 |
| Mean | 29.6 |
| Median | 28.85 |
| SD | 8.485 |

| | |
|---|---|
| SE of Mean | 1.455 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24609 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 42 |
| Minimum | 13.3 |
| Maximum | 81 |
| Mean | 25.84 |
| Median | 24.1 |
| SD | 10.41 |
| SE of Mean | 1.552 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24612 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 48 |
| Minimum | 23 |
| Maximum | 176 |
| Mean | 45.37 |
| Median | 45.7 |
| SD | 21.46 |
| SE of Mean | 3.005 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24612 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 40 |
| Minimum | 18.5 |

| | |
|---|---|
| Maximum | 140 |
| Mean | 32.91 |
| Median | 29.2 |
| SD | 18.92 |
| SE of Mean | 2.76 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24612 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 33 |
| Minimum | 22.8 |
| Maximum | 43.8 |
| Mean | 31.24 |
| Median | 31.6 |
| SD | 6.08 |
| SE of Mean | 1.058 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24612 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 44 |
| Minimum | 16.1 |
| Maximum | 174 |
| Mean | 32.7 |
| Median | 28.85 |
| SD | 25.66 |
| SE of Mean | 3.784 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24613 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 48 |
| Minimum | 33.4 |
| Maximum | 66.8 |
| Mean | 49.46 |
| Median | 51.2 |
| SD | 8.71 |
| SE of Mean | 1.208 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24613 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 36 |
| Minimum | 29 |
| Maximum | 85.5 |
| Mean | 48.54 |
| Median | 48.5 |
| SD | 10.52 |
| SE of Mean | 1.684 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24613 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 45 |
| Minimum | 20.5 |
| Maximum | 80.7 |
| Mean | 33.82 |
| Median | 31.5 |
| SD | 11.68 |
| SE of Mean | 1.636 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24613 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 21.3 |
| Maximum | 47.6 |
| Mean | 28.25 |
| Median | 26.5 |
| SD | 6.144 |
| SE of Mean | 1.069 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24616 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 45 |
| Minimum | 12.2 |
| Maximum | 68.7 |
| Mean | 38.86 |
| Median | 39.15 |
| SD | 13.98 |
| SE of Mean | 2.061 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24617 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 25 |
| Maximum | 104 |
| Mean | 56.73 |
| Median | 53.05 |
| SD | 18.19 |
| SE of Mean | 3.119 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24618 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 26 |
| Number of Distinct Observations | 24 |
| Minimum | 24.1 |
| Maximum | 60.5 |
| Mean | 35.44 |
| Median | 31.9 |
| SD | 10.28 |
| SE of Mean | 2.015 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24618 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 17.7 |
| Maximum | 52.6 |
| Mean | 31.64 |
| Median | 30 |
| SD | 9.925 |
| SE of Mean | 1.876 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24618 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 31 |
| Minimum | 20 |
| Maximum | 37.2 |
| Mean | 25.93 |
| Median | 26.35 |
| SD | 4.141 |
| SE of Mean | 0.655 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24619 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 28 |
| Maximum | 69.8 |
| Mean | 39.19 |
| Median | 38 |
| SD | 9.55 |
| SE of Mean | 1.805 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24619 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 36 |
| Minimum | 15.3 |
| Maximum | 42.5 |
| Mean | 29.98 |
| Median | 30.1 |
| SD | 6.39 |
| SE of Mean | 1.037 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24619 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 32 |
| Minimum | 20.4 |
| Maximum | 42.9 |
| Mean | 28.24 |
| Median | 26.4 |
| SD | 5.486 |
| SE of Mean | 0.927 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24622 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 52 |
| Minimum | 9.62 |
| Maximum | 146 |
| Mean | 43.92 |
| Median | 40.4 |
| SD | 22.71 |
| SE of Mean | 3.12 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24622 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 30 |
| Minimum | 21.1 |
| Maximum | 56.6 |
| Mean | 34.01 |
| Median | 32.9 |
| SD | 8.752 |
| SE of Mean | 1.501 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24623 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 26.8 |
| Maximum | 92.1 |

| | |
|---|---|
| Mean | 52.73 |
| Median | 52.75 |
| SD | 10.93 |
| SE of Mean | 1.932 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24623 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 35 |
| Minimum | 25.1 |
| Maximum | 115 |
| Mean | 40.21 |
| Median | 37.1 |
| SD | 15.91 |
| SE of Mean | 2.651 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24627 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 45 |
| Minimum | 27 |
| Maximum | 100 |
| Mean | 53.38 |
| Median | 53.7 |
| SD | 14.43 |
| SE of Mean | 2.083 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24628 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 50 |
| Minimum | 12.1 |
| Maximum | 89 |
| Mean | 42.18 |
| Median | 41.9 |
| SD | 17.97 |
| SE of Mean | 2.492 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24628 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 18 |
| Minimum | 17.8 |
| Maximum | 34.4 |
| Mean | 25.97 |
| Median | 25.7 |
| SD | 4.419 |
| SE of Mean | 1.042 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24629 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 36 |
| Minimum | 26.5 |
| Maximum | 126 |
| Mean | 40.92 |
| Median | 36.4 |
| SD | 17.04 |
| SE of Mean | 2.728 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24632 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 20 |
| Number of Distinct Observations | 20 |
| Minimum | 25.5 |
| Maximum | 119 |
| Mean | 40.69 |
| Median | 32.05 |
| SD | 22.06 |
| SE of Mean | 4.933 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24633 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 37 |
| Minimum | 26.8 |
| Maximum | 122 |
| Mean | 59.14 |
| Median | 60.7 |
| SD | 20.92 |
| SE of Mean | 3.308 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24700 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 43 |
| Minimum | 13.8 |
| Maximum | 176 |
| Mean | 44.45 |
| Median | 38.2 |
| SD | 24.26 |
| SE of Mean | 3.577 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Zinc(0-10) (24700 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 56 |
| Number of Distinct Observations | 48 |
| Minimum | 19.4 |
| Maximum | 58 |
| Mean | 31.44 |
| Median | 29.15 |
| SD | 7.774 |
| SE of Mean | 1.039 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24702 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 41 |
| Minimum | 24.2 |
| Maximum | 139 |
| Mean | 48.84 |
| Median | 37.45 |
| SD | 28.03 |
| SE of Mean | 4.133 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24702 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 28 |
| Minimum | 21.7 |
| Maximum | 190 |
| Mean | 47.32 |
| Median | 32.95 |
| SD | 38.71 |
| SE of Mean | 7.067 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24703 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 21.5 |
| Maximum | 153 |
| Mean | 52.8 |
| Median | 46.95 |
| SD | 28.32 |
| SE of Mean | 4.72 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24703 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 37 |
| Minimum | 24.6 |
| Maximum | 75.4 |
| Mean | 38.23 |
| Median | 36 |
| SD | 10.45 |
| SE of Mean | 1.673 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24703 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 53 |
| Number of Distinct Observations | 46 |
| Minimum | 20.3 |
| Maximum | 69.8 |
| Mean | 31.08 |
| Median | 28.9 |
| SD | 8.238 |
| SE of Mean | 1.132 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24706 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 43 |
| Minimum | 15.6 |
| Maximum | 145 |
| Mean | 39.89 |
| Median | 37.1 |
| SD | 19.09 |
| SE of Mean | 2.911 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24706 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 23.1 |
| Maximum | 63.8 |
| Mean | 38.18 |
| Median | 39.3 |
| SD | 10.67 |
| SE of Mean | 1.857 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24707 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 24.8 |
| Maximum | 58.3 |
| Mean | 39.87 |

| | |
|---|---|
| Median | 36.3 |
| SD | 10.63 |
| SE of Mean | 1.747 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24708 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 19.9 |
| Maximum | 122 |
| Mean | 43.18 |
| Median | 39.5 |
| SD | 21.12 |
| SE of Mean | 3.472 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24709 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 21.7 |
| Maximum | 123 |
| Mean | 40.34 |
| Median | 36.6 |
| SD | 18.05 |
| SE of Mean | 2.967 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24709 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |

| | |
|---|---|
| Number of Distinct Observations | 37 |
| Minimum | 21.4 |
| Maximum | 87.3 |
| Mean | 38.8 |
| Median | 34.3 |
| SD | 13.52 |
| SE of Mean | 2.062 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24709 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 47 |
| Minimum | 21.6 |
| Maximum | 57.3 |
| Mean | 35.79 |
| Median | 30.5 |
| SD | 10.67 |
| SE of Mean | 1.479 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24710 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 42 |
| Minimum | 14.6 |
| Maximum | 197 |
| Mean | 45.93 |
| Median | 39.6 |
| SD | 27.13 |
| SE of Mean | 4.138 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24712 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 28 |
| Minimum | 21.3 |
| Maximum | 138 |
| Mean | 35.42 |
| Median | 30.5 |
| SD | 20.11 |
| SE of Mean | 3.554 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24712 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 19.7 |
| Maximum | 72.9 |
| Mean | 34.51 |
| Median | 31.9 |
| SD | 9.544 |
| SE of Mean | 1.837 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24712 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 41 |
| Minimum | 23.6 |
| Maximum | 120 |
| Mean | 36.39 |
| Median | 31.7 |
| SD | 17.78 |
| SE of Mean | 2.65 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24713 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 20.7 |
| Maximum | 56.4 |
| Mean | 37.64 |
| Median | 33.6 |
| SD | 10.59 |
| SE of Mean | 1.741 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24713 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 26 |
| Minimum | 20 |
| Maximum | 77 |
| Mean | 36.44 |
| Median | 33 |
| SD | 10.88 |
| SE of Mean | 1.866 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24713 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 30 |
| Minimum | 21.3 |
| Maximum | 70.3 |
| Mean | 28.24 |
| Median | 27.2 |
| SD | 8.502 |
| SE of Mean | 1.437 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24715 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 34 |
| Minimum | 24.7 |
| Maximum | 58.3 |
| Mean | 36.95 |
| Median | 37.4 |
| SD | 7.407 |
| SE of Mean | 1.218 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24716 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 30 |
| Minimum | 24.4 |
| Maximum | 106 |
| Mean | 43.33 |
| Median | 39.75 |
| SD | 15.37 |
| SE of Mean | 2.807 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24716 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 14 |
| Minimum | 25 |
| Maximum | 51.1 |
| Mean | 31.86 |
| Median | 28.9 |
| SD | 7.074 |
| SE of Mean | 1.826 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24717 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 34 |
| Minimum | 22 |
| Maximum | 61.2 |
| Mean | 35.24 |
| Median | 32.8 |
| SD | 10.07 |
| SE of Mean | 1.633 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24718 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 65 |
| Number of Distinct Observations | 58 |
| Minimum | 19.9 |
| Maximum | 42.2 |
| Mean | 27.27 |
| Median | 26.5 |
| SD | 4.889 |
| SE of Mean | 0.606 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24718 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 18.6 |
| Maximum | 102 |
| Mean | 40.59 |
| Median | 35.4 |

| | |
|---|---|
| SD | 18.63 |
| SE of Mean | 3.243 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24719 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 32 |
| Minimum | 18.1 |
| Maximum | 175 |
| Mean | 53.78 |
| Median | 40 |
| SD | 37.52 |
| SE of Mean | 6.531 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24719 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 28 |
| Minimum | 23.3 |
| Maximum | 240 |
| Mean | 46.05 |
| Median | 34.45 |
| SD | 40.91 |
| SE of Mean | 7.732 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24719 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 39 |

| | |
|---|---|
| Minimum | 20.5 |
| Maximum | 66.5 |
| Mean | 29.56 |
| Median | 28.5 |
| SD | 7.765 |
| SE of Mean | 1.158 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24722 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 32 |
| Minimum | 16.6 |
| Maximum | 62.2 |
| Mean | 35.11 |
| Median | 34.05 |
| SD | 11.23 |
| SE of Mean | 1.927 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24722 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 33 |
| Minimum | 7.06 |
| Maximum | 70.5 |
| Mean | 28.72 |
| Median | 26.2 |
| SD | 11.17 |
| SE of Mean | 1.767 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24722 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 17 |
| Minimum | 18.2 |
| Maximum | 57.4 |
| Mean | 29.14 |
| Median | 29.55 |
| SD | 9.048 |
| SE of Mean | 2.133 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24722 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 34 |
| Minimum | 13.8 |
| Maximum | 61.5 |
| Mean | 28.62 |
| Median | 26.7 |
| SD | 10.61 |
| SE of Mean | 1.658 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24723 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 22 |
| Number of Distinct Observations | 22 |
| Minimum | 9.44 |
| Maximum | 123 |
| Mean | 37.23 |
| Median | 30 |
| SD | 22.82 |
| SE of Mean | 4.864 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24723 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 18.5 |
| Maximum | 131 |
| Mean | 33.48 |
| Median | 25.8 |
| SD | 22.33 |
| SE of Mean | 3.671 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24725 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 31 |
| Minimum | 19.7 |
| Maximum | 110 |
| Mean | 33 |
| Median | 28.9 |
| SD | 17.57 |
| SE of Mean | 2.969 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24726 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 46 |
| Minimum | 11.3 |
| Maximum | 88.8 |
| Mean | 41.08 |
| Median | 38.2 |
| SD | 15.41 |
| SE of Mean | 2.201 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24726 ravenna ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 36 |
| Minimum | 12.8 |
| Maximum | 68.6 |
| Mean | 27.12 |
| Median | 27.8 |
| SD | 9.108 |
| SE of Mean | 1.497 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24727 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 12.4 |
| Maximum | 142 |
| Mean | 36.67 |
| Median | 34.15 |
| SD | 20.44 |
| SE of Mean | 3.232 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24728 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 27 |
| Minimum | 17.8 |
| Maximum | 80.8 |
| Mean | 26.35 |
| Median | 25 |
| SD | 10.47 |
| SE of Mean | 1.822 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24728 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 31 |
| Number of Distinct Observations | 29 |
| Minimum | 17.7 |
| Maximum | 174 |
| Mean | 56.47 |
| Median | 37.7 |
| SD | 41.05 |
| SE of Mean | 7.372 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24729 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 32 |
| Minimum | 22.3 |
| Maximum | 137 |
| Mean | 39.3 |
| Median | 31.8 |
| SD | 21.58 |
| SE of Mean | 3.648 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24729 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 31 |
| Minimum | 18.7 |
| Maximum | 73.7 |
| Mean | 27.26 |
| Median | 26.45 |
| SD | 9.131 |

| | |
|---|---|
| SE of Mean | 1.566 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24729 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 16 |
| Number of Distinct Observations | 14 |
| Minimum | 19.9 |
| Maximum | 106 |
| Mean | 33.39 |
| Median | 27.85 |
| SD | 20.38 |
| SE of Mean | 5.094 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24732 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 37 |
| Number of Distinct Observations | 35 |
| Minimum | 7.85 |
| Maximum | 63.3 |
| Mean | 31.34 |
| Median | 28.3 |
| SD | 12.77 |
| SE of Mean | 2.1 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24732 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 33 |
| Minimum | 20.4 |

| | |
|---|---|
| Maximum | 93.4 |
| Mean | 31.86 |
| Median | 27.9 |
| SD | 14.11 |
| SE of Mean | 2.384 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24732 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 30 |
| Minimum | 16.5 |
| Maximum | 148 |
| Mean | 34.22 |
| Median | 30.4 |
| SD | 22.78 |
| SE of Mean | 3.965 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24732 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 38 |
| Minimum | 17.4 |
| Maximum | 53.6 |
| Mean | 27.86 |
| Median | 27.6 |
| SD | 6.089 |
| SE of Mean | 0.94 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24733 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 10.8 |
| Maximum | 57.9 |
| Mean | 35.53 |
| Median | 34.95 |
| SD | 11.85 |
| SE of Mean | 2.095 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24733 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |
| Number of Distinct Observations | 35 |
| Minimum | 22.5 |
| Maximum | 90.7 |
| Mean | 40.82 |
| Median | 39.05 |
| SD | 13.66 |
| SE of Mean | 2.216 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24733 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 39 |
| Minimum | 22.1 |
| Maximum | 49.6 |
| Mean | 31.3 |
| Median | 29.65 |
| SD | 6.961 |
| SE of Mean | 1.101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24735 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 33 |
| Minimum | 14.3 |
| Maximum | 66.1 |
| Mean | 29.38 |
| Median | 27.35 |
| SD | 9.463 |
| SE of Mean | 1.577 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24736 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 52 |
| Number of Distinct Observations | 48 |
| Minimum | 14.3 |
| Maximum | 113 |
| Mean | 40.51 |
| Median | 34.6 |
| SD | 20.56 |
| SE of Mean | 2.852 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24736 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 35 |
| Minimum | 22.1 |
| Maximum | 50.8 |
| Mean | 30.96 |
| Median | 30 |
| SD | 5.57 |
| SE of Mean | 0.849 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**

Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24737 marbella ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 24.7 |
| Maximum | 265 |
| Mean | 43.29 |
| Median | 36.2 |
| SD | 44.04 |
| SE of Mean | 8.323 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24738 neptune ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 45 |
| Minimum | 22.6 |
| Maximum | 56.3 |
| Mean | 32.79 |
| Median | 31.7 |
| SD | 8.153 |
| SE of Mean | 1.142 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24738 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 14 |
| Maximum | 101 |
| Mean | 34.62 |
| Median | 30.05 |
| SD | 16.22 |
| SE of Mean | 2.868 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24739 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 39 |
| Minimum | 22.1 |
| Maximum | 90.1 |
| Mean | 37.8 |
| Median | 31.2 |
| SD | 15.91 |
| SE of Mean | 2.485 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24739 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 35 |
| Minimum | 18.6 |
| Maximum | 54 |
| Mean | 29.97 |
| Median | 30 |
| SD | 7.218 |
| SE of Mean | 1.101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24739 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 39 |
| Minimum | 14 |
| Maximum | 52.7 |
| Mean | 28.66 |
| Median | 27.6 |
| SD | 7.722 |
| SE of Mean | 1.192 |

| | |
|---|---|
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24740 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 64 |
| Number of Distinct Observations | 62 |
| Minimum | 17.1 |
| Maximum | 71.6 |
| Mean | 36.97 |
| Median | 31.3 |
| SD | 13.83 |
| SE of Mean | 1.729 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24741 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 19.3 |
| Maximum | 64.8 |
| Mean | 36.89 |
| Median | 33 |
| SD | 11.88 |
| SE of Mean | 3.431 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24743 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 36 |
| Minimum | 21 |
| Maximum | 55.2 |

| | |
|---|---|
| Mean | 30.38 |
| Median | 28 |
| SD | 7.975 |
| SE of Mean | 1.231 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24744 marbella ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 24 |
| Minimum | 19.5 |
| Maximum | 72.3 |
| Mean | 34.9 |
| Median | 33.3 |
| SD | 10.13 |
| SE of Mean | 2.027 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24748 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 21 |
| Minimum | 26.1 |
| Maximum | 45.1 |
| Mean | 30.89 |
| Median | 29.9 |
| SD | 4.731 |
| SE of Mean | 0.966 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24749 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 19.4 |
| Maximum | 85.2 |
| Mean | 36.92 |
| Median | 32.4 |
| SD | 14.81 |
| SE of Mean | 2.258 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24752 ravenna ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 45 |
| Number of Distinct Observations | 38 |
| Minimum | 20.1 |
| Maximum | 60.5 |
| Mean | 29.83 |
| Median | 28.9 |
| SD | 6.561 |
| SE of Mean | 0.978 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24802 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 47 |
| Number of Distinct Observations | 42 |
| Minimum | 16.1 |
| Maximum | 65.6 |
| Mean | 29.55 |
| Median | 28.5 |
| SD | 10.13 |
| SE of Mean | 1.478 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24803 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 20.1 |
| Maximum | 106 |
| Mean | 33.04 |
| Median | 27.4 |
| SD | 16.46 |
| SE of Mean | 2.909 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24803 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 18 |
| Number of Distinct Observations | 16 |
| Minimum | 19.9 |
| Maximum | 37.9 |
| Mean | 27.51 |
| Median | 27.85 |
| SD | 6.067 |
| SE of Mean | 1.43 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24809 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 19.6 |
| Maximum | 5770 |
| Mean | 249.1 |
| Median | 30.8 |
| SD | 1104 |
| SE of Mean | 212.4 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.037 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 0.75

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value > Alpha (0.05)

Zinc(0-10) (24809 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 32 |
| Minimum | 22.8 |
| Maximum | 48.2 |
| Mean | 30.68 |
| Median | 28.65 |
| SD | 6.459 |
| SE of Mean | 1.077 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24812 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 28 |
| Minimum | 15.1 |
| Maximum | 49.3 |
| Mean | 26.41 |
| Median | 25 |
| SD | 9.558 |
| SE of Mean | 1.775 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (24813 panama ave)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 15 |
| Number of Distinct Observations | 14 |
| Minimum | 22.3 |
| Maximum | 55.8 |
| Mean | 33.11 |
| Median | 29 |
| SD | 11.8 |
| SE of Mean | 3.046 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24815 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 30 |
| Number of Distinct Observations | 27 |
| Minimum | 25.4 |
| Maximum | 106 |
| Mean | 47.67 |
| Median | 35.6 |
| SD | 26.04 |
| SE of Mean | 4.754 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24818 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 14.3 |
| Maximum | 54.4 |
| Mean | 25.96 |
| Median | 24.05 |
| SD | 8.555 |
| SE of Mean | 1.467 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24819 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 30 |
| Minimum | 22.5 |
| Maximum | 240 |
| Mean | 36.21 |
| Median | 27.65 |
| SD | 36.65 |
| SE of Mean | 6.285 |
| Number of Exceedances | 0 |

| | |
|---|---|
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24822 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 43 |
| Minimum | 17.9 |
| Maximum | 330 |
| Mean | 42.08 |
| Median | 28.7 |
| SD | 60.02 |
| SE of Mean | 9.153 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0233 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.89 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24823 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 38 |
| Minimum | 21.6 |
| Maximum | 347 |
| Mean | 41.03 |
| Median | 29 |
| SD | 51.06 |
| SE of Mean | 8.176 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0256 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.865 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24825 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 98 |
| Number of Distinct Observations | 82 |
| Minimum | 20.9 |
| Maximum | 125 |
| Mean | 35.75 |

| | |
|---|---|
| Median | 30.35 |
| SD | 17.24 |
| SE of Mean | 1.741 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24828 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 34 |
| Minimum | 17 |
| Maximum | 85.8 |
| Mean | 31.44 |
| Median | 29.55 |
| SD | 14.57 |
| SE of Mean | 2.429 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24829 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 44 |
| Minimum | 21.2 |
| Maximum | 121 |
| Mean | 32.15 |
| Median | 27.7 |
| SD | 18.26 |
| SE of Mean | 2.636 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24832 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 38 |

| | |
|---|---|
| Number of Distinct Observations | 34 |
| Minimum | 17.8 |
| Maximum | 79.5 |
| Mean | 30.42 |
| Median | 28.85 |
| SD | 10.9 |
| SE of Mean | 1.768 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24833 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 39 |
| Minimum | 20.8 |
| Maximum | 97 |
| Mean | 32.74 |
| Median | 28.5 |
| SD | 13.72 |
| SE of Mean | 2.093 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24838 panama ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 26 |
| Minimum | 18.8 |
| Maximum | 88.1 |
| Mean | 40.37 |
| Median | 34.25 |
| SD | 18.15 |
| SE of Mean | 3.43 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (24904 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 74 |
| Number of Distinct Observations | 63 |
| Minimum | 9.53 |
| Maximum | 85.9 |
| Mean | 34.32 |
| Median | 31.2 |
| SD | 11.06 |
| SE of Mean | 1.286 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (24912 neptune ave)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 36 |
| Number of Distinct Observations | 36 |
| Minimum | 19.8 |
| Maximum | 73.1 |
| Mean | 33.62 |
| Median | 29.95 |
| SD | 12.9 |
| SE of Mean | 2.15 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (301 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 29 |
| Number of Distinct Observations | 29 |
| Minimum | 24.1 |
| Maximum | 120 |
| Mean | 46.65 |
| Median | 42.4 |
| SD | 18.47 |
| SE of Mean | 3.43 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (305 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 54 |
| Number of Distinct Observations | 52 |
| Minimum | 22.4 |
| Maximum | 544 |
| Mean | 61.76 |
| Median | 46.1 |
| SD | 71.04 |
| SE of Mean | 9.667 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0185 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.937 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (311 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 71 |
| Number of Distinct Observations | 69 |
| Minimum | 24.9 |
| Maximum | 1140 |
| Mean | 104.2 |
| Median | 54.6 |
| SD | 178.9 |
| SE of Mean | 21.23 |
| Number of Exceedances | 3 |
| Sample Proportion of Exceedances | 0.0423 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.695 |

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (317 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 58 |
| Number of Distinct Observations | 56 |
| Minimum | 27.3 |
| Maximum | 158 |
| Mean | 55.34 |
| Median | 51.05 |
| SD | 22.94 |
| SE of Mean | 3.012 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (321 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 40 |
| Minimum | 29.9 |
| Maximum | 111 |
| Mean | 50.19 |
| Median | 48.05 |
| SD | 14.8 |
| SE of Mean | 2.34 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (327 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 12 |
| Number of Distinct Observations | 12 |
| Minimum | 36.1 |
| Maximum | 55.5 |
| Mean | 45.84 |
| Median | 45 |
| SD | 7.453 |
| SE of Mean | 2.152 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (331 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 28 |
| Number of Distinct Observations | 27 |
| Minimum | 21.6 |
| Maximum | 85.5 |
| Mean | 45.88 |
| Median | 45.15 |
| SD | 11.92 |
| SE of Mean | 2.253 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (337 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 34 |
| Number of Distinct Observations | 33 |
| Minimum | 24.8 |
| Maximum | 70 |
| Mean | 42.18 |
| Median | 42.4 |
| SD | 9.002 |
| SE of Mean | 1.544 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (341 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 45 |
| Minimum | 29.8 |
| Maximum | 313 |
| Mean | 49.99 |
| Median | 43.9 |
| SD | 40.44 |
| SE of Mean | 5.837 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0208 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.915 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (344 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 35 |
| Number of Distinct Observations | 32 |
| Minimum | 22.7 |
| Maximum | 109 |
| Mean | 36.28 |
| Median | 32.3 |

| | |
|---|---|
| SD | 15.74 |
| SE of Mean | 2.66 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (345 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 93 |
| Number of Distinct Observations | 76 |
| Minimum | 21.3 |
| Maximum | 158 |
| Mean | 34.27 |
| Median | 30.9 |
| SD | 15.6 |
| SE of Mean | 1.617 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (347 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 29.1 |
| Maximum | 114 |
| Mean | 51.61 |
| Median | 45.55 |
| SD | 22.43 |
| SE of Mean | 3.965 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (348 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 49 |
| Number of Distinct Observations | 47 |

| | |
|---|---|
| Minimum | 19.2 |
| Maximum | 47.3 |
| Mean | 28.16 |
| Median | 26.6 |
| SD | 7.134 |
| SE of Mean | 1.019 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (348 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 51 |
| Number of Distinct Observations | 48 |
| Minimum | 19.4 |
| Maximum | 101 |
| Mean | 33.58 |
| Median | 30.1 |
| SD | 12.3 |
| SE of Mean | 1.722 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (351 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 21.9 |
| Maximum | 62.6 |
| Mean | 41.12 |
| Median | 41.05 |
| SD | 8.576 |
| SE of Mean | 1.516 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (352 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 19.6 |
| Maximum | 85.2 |
| Mean | 37.95 |
| Median | 32.55 |
| SD | 17.54 |
| SE of Mean | 3.101 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (353 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 29 |
| Minimum | 19.7 |
| Maximum | 60.9 |
| Mean | 31.76 |
| Median | 29.9 |
| SD | 9.381 |
| SE of Mean | 1.658 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (354 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 39 |
| Number of Distinct Observations | 36 |
| Minimum | 23.4 |
| Maximum | 114 |
| Mean | 38.03 |
| Median | 29.3 |
| SD | 19.57 |
| SE of Mean | 3.134 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (357 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 40 |
| Number of Distinct Observations | 37 |
| Minimum | 22.9 |
| Maximum | 66.6 |
| Mean | 40 |
| Median | 38.7 |
| SD | 10.2 |
| SE of Mean | 1.613 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (357 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 24 |
| Minimum | 20.9 |
| Maximum | 42.6 |
| Mean | 28.36 |
| Median | 27.45 |
| SD | 6.349 |
| SE of Mean | 1.296 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (358 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 43 |
| Number of Distinct Observations | 41 |
| Minimum | 18.1 |
| Maximum | 62.1 |
| Mean | 28.74 |
| Median | 27.3 |
| SD | 8.625 |
| SE of Mean | 1.315 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (360 248th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 36 |
| Minimum | 18.5 |
| Maximum | 49.7 |
| Mean | 27.38 |
| Median | 26.55 |
| SD | 4.351 |
| SE of Mean | 0.628 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (361 244th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 23 |
| Number of Distinct Observations | 23 |
| Minimum | 21.7 |
| Maximum | 81.5 |
| Mean | 45.19 |
| Median | 44.1 |
| SD | 12.6 |
| SE of Mean | 2.628 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

H0: Site Proportion <= 0.05 (Form 1)

| | |
|---|---|
| Exact P-Value | 1 |

Conclusion with Alpha = 0.05
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

Zinc(0-10) (362 249th st)

One-Sample Proportion Test

Raw Statistics

| | |
|---|---|
| Number of Valid Observations | 25 |
| Number of Distinct Observations | 25 |
| Minimum | 18.3 |
| Maximum | 100 |
| Mean | 33.1 |
| Median | 29.8 |
| SD | 17.14 |
| SE of Mean | 3.429 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (363 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 23.3 |
| Maximum | 673 |
| Mean | 71.28 |
| Median | 29.5 |
| SD | 124.8 |
| SE of Mean | 24.01 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.037 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.75 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (364 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 48 |
| Number of Distinct Observations | 42 |
| Minimum | 22.7 |
| Maximum | 68.2 |
| Mean | 32.75 |
| Median | 29.25 |
| SD | 9.23 |
| SE of Mean | 1.332 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (367 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 13 |
| Number of Distinct Observations | 12 |
| Minimum | 20 |
| Maximum | 282 |
| Mean | 64.55 |
| Median | 45 |
| SD | 67.76 |

| | |
|---|---|
| SE of Mean | 18.79 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (367 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 46 |
| Number of Distinct Observations | 38 |
| Minimum | 19.7 |
| Maximum | 339 |
| Mean | 36.76 |
| Median | 28.35 |
| SD | 45.92 |
| SE of Mean | 6.771 |
| Number of Exceedances | 1 |
| Sample Proportion of Exceedances | 0.0217 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 0.906 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (368 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 55 |
| Number of Distinct Observations | 47 |
| Minimum | 18.8 |
| Maximum | 50.3 |
| Mean | 28.37 |
| Median | 27.8 |
| SD | 7 |
| SE of Mean | 0.944 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (373 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 42 |
| Number of Distinct Observations | 37 |
| Minimum | 22.1 |

| | |
|---|---|
| Maximum | 105 |
| Mean | 35.44 |
| Median | 28.8 |
| SD | 17.52 |
| SE of Mean | 2.704 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (374 248th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 120 |
| Number of Distinct Observations | 91 |
| Minimum | 7.78 |
| Maximum | 180 |
| Mean | 33.29 |
| Median | 28.75 |
| SD | 20.17 |
| SE of Mean | 1.841 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Large Sample z-Test Value | -2.304 |
| Critical Value (0.05) | 1.645 |
| P-Value | 0.0106 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05

P-Value < Alpha (0.05)

**Zinc(0-10) (374 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 27 |
| Number of Distinct Observations | 26 |
| Minimum | 15.7 |
| Maximum | 47.5 |
| Mean | 29.3 |
| Median | 28 |
| SD | 7.532 |
| SE of Mean | 1.45 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (377 244th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 29 |
| Minimum | 32.8 |
| Maximum | 90.8 |
| Mean | 47.57 |
| Median | 45.1 |
| SD | 13.45 |
| SE of Mean | 2.377 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (377 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 33 |
| Number of Distinct Observations | 31 |
| Minimum | 13.4 |
| Maximum | 102 |
| Mean | 29.35 |
| Median | 24.9 |
| SD | 15.18 |
| SE of Mean | 2.642 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (378 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 41 |
| Number of Distinct Observations | 38 |
| Minimum | 16.8 |
| Maximum | 51.3 |
| Mean | 26.92 |
| Median | 25.2 |
| SD | 7.391 |
| SE of Mean | 1.154 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (383 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 32 |
| Minimum | 18.9 |
| Maximum | 128 |
| Mean | 32.84 |
| Median | 26.6 |
| SD | 20.17 |
| SE of Mean | 3.566 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (402 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 32 |
| Number of Distinct Observations | 31 |
| Minimum | 18.8 |
| Maximum | 82.9 |
| Mean | 33.08 |
| Median | 30.8 |
| SD | 12.97 |
| SE of Mean | 2.292 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
**Do Not Reject H0, Conclude Site Proportion <= 0.05**
**P-Value > Alpha (0.05)**

**Zinc(0-10) (408 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 24 |
| Number of Distinct Observations | 23 |
| Minimum | 20 |
| Maximum | 185 |
| Mean | 45.62 |
| Median | 32.1 |
| SD | 34.84 |
| SE of Mean | 7.112 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

Exact P-Value 1

**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

**Zinc(0-10) (412 249th st)**

**One-Sample Proportion Test**

**Raw Statistics**

| | |
|---|---|
| Number of Valid Observations | 77 |
| Number of Distinct Observations | 71 |
| Minimum | 17.9 |
| Maximum | 212 |
| Mean | 40.14 |
| Median | 34.4 |
| SD | 25.21 |
| SE of Mean | 2.873 |
| Number of Exceedances | 0 |
| Sample Proportion of Exceedances | 0 |

**H0: Site Proportion <= 0.05 (Form 1)**

| | |
|---|---|
| Exact P-Value | 1 |

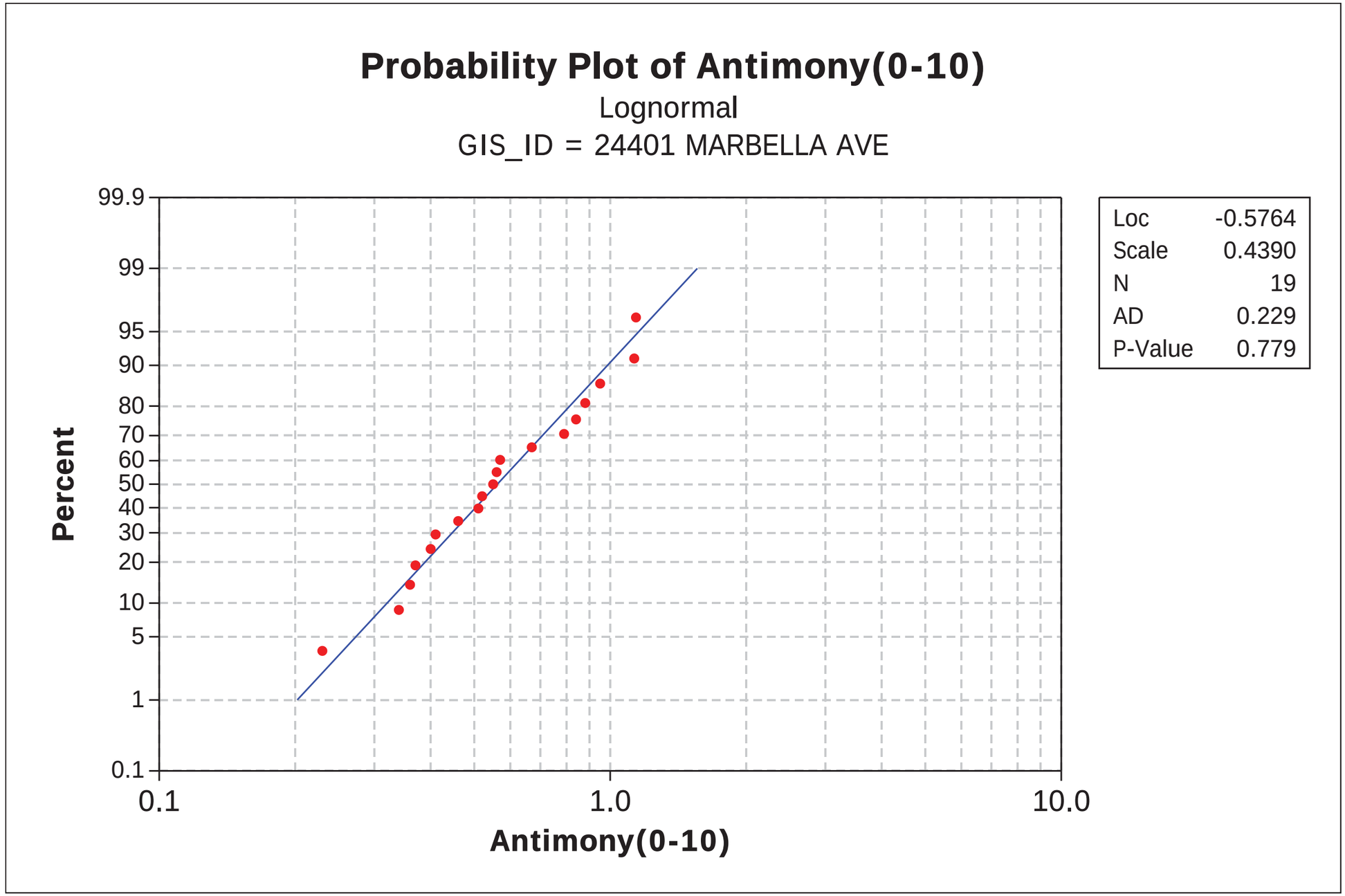
**Conclusion with Alpha = 0.05**
Do Not Reject H0, Conclude Site Proportion <= 0.05
P-Value > Alpha (0.05)

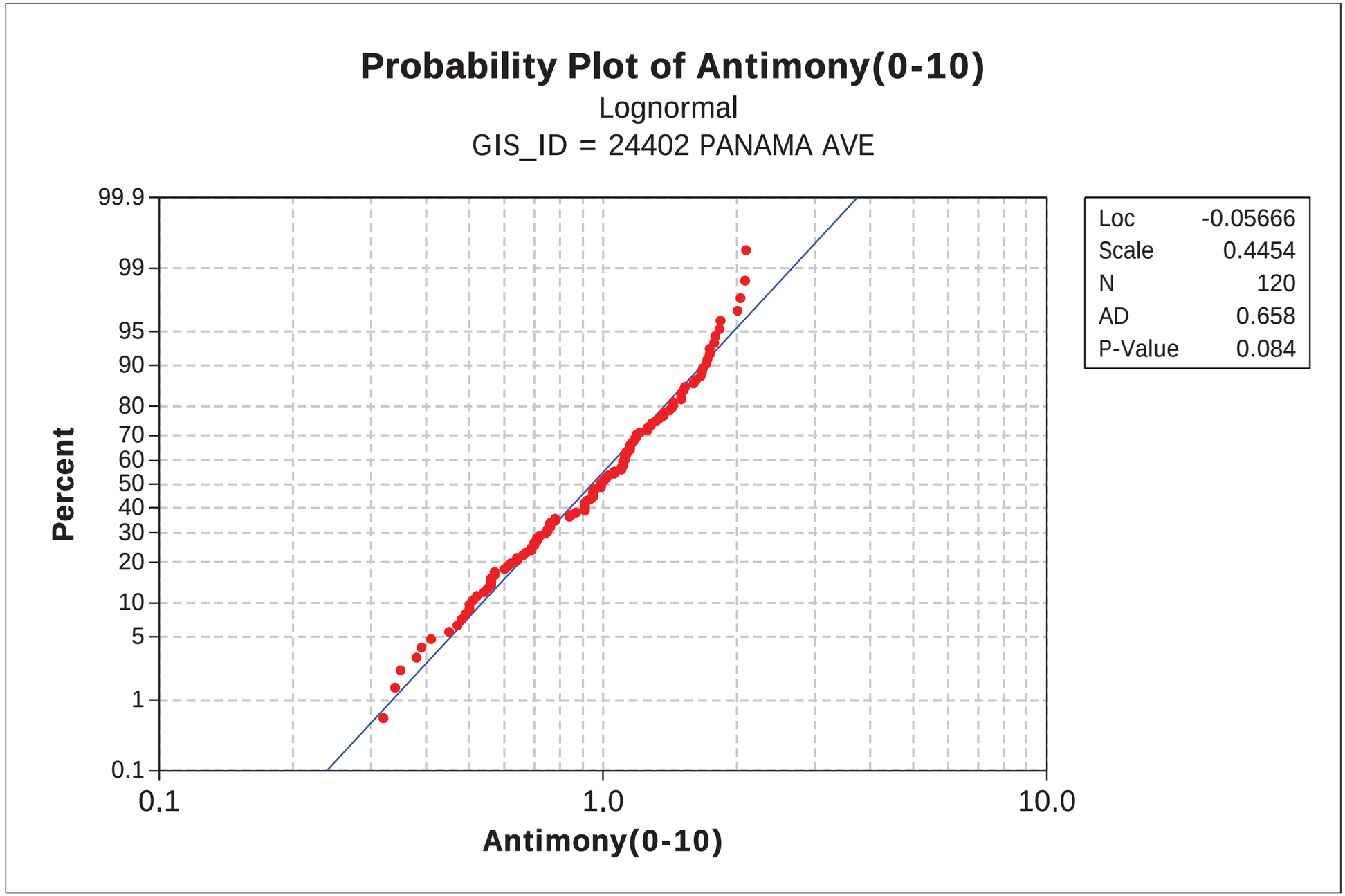
# APPENDIX 7

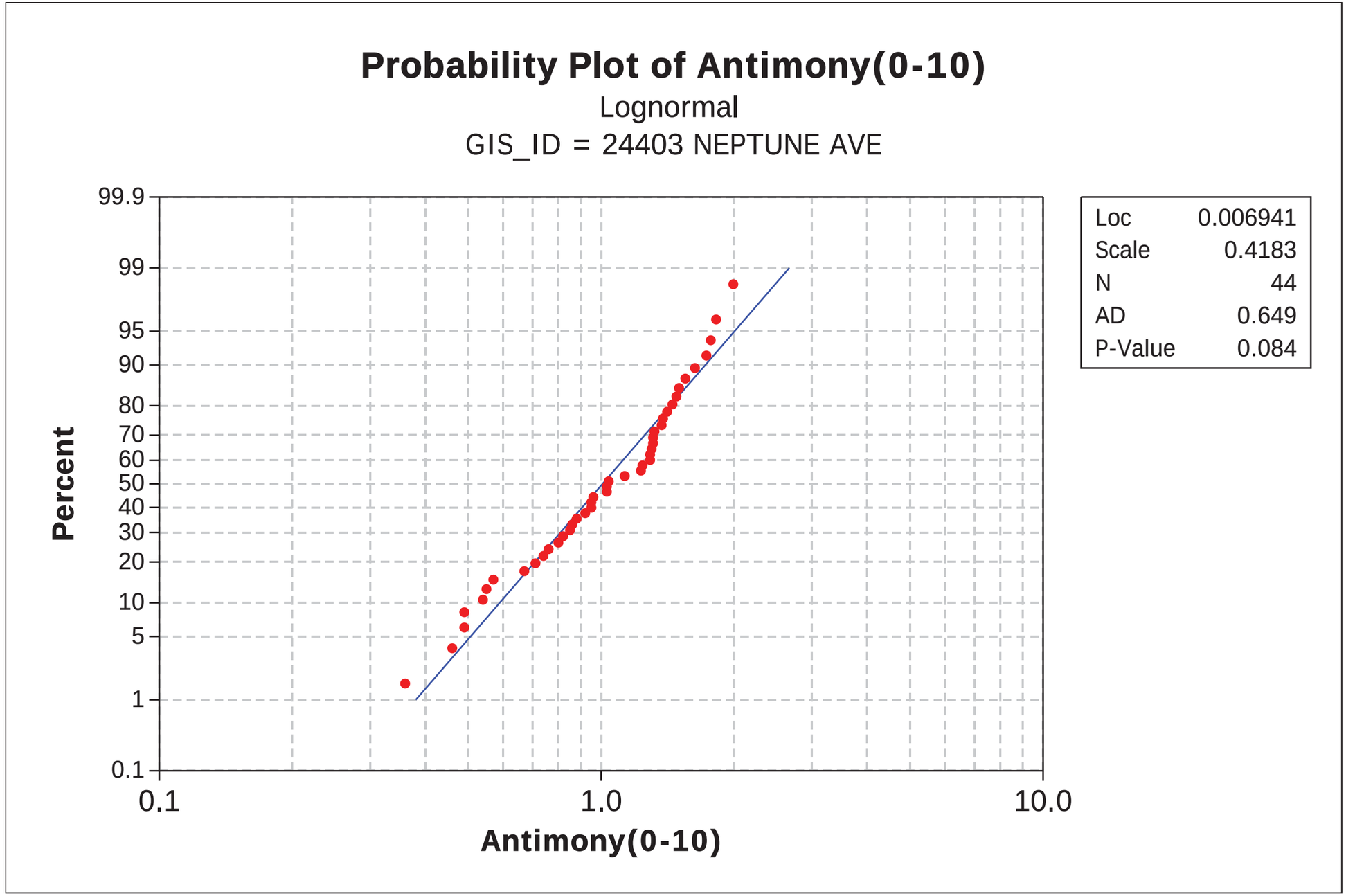
## Probability Plots of Antimony, Arsenic and Thallium

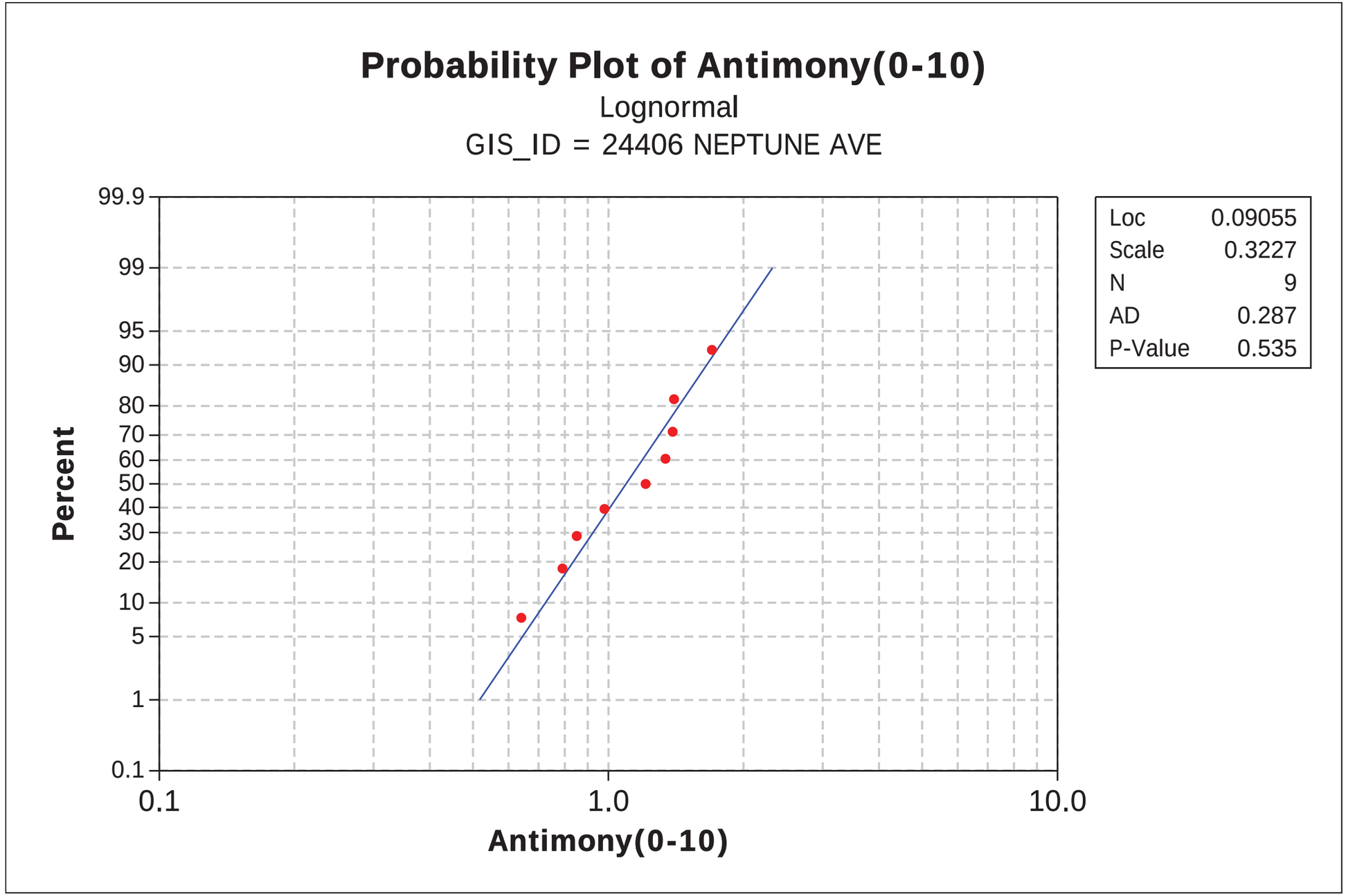
# APPENDIX 7.1

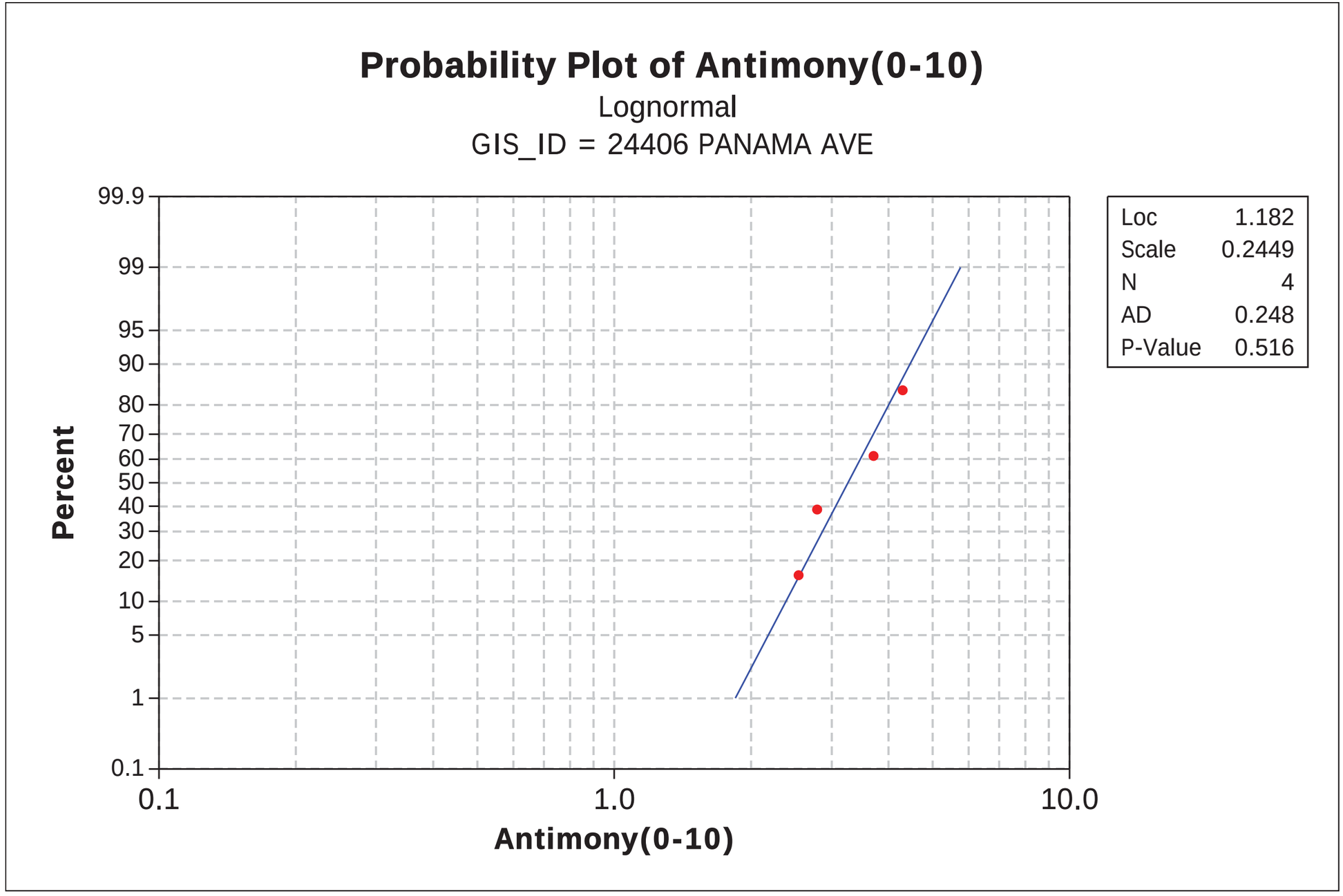
## Probability Plots of Antimony

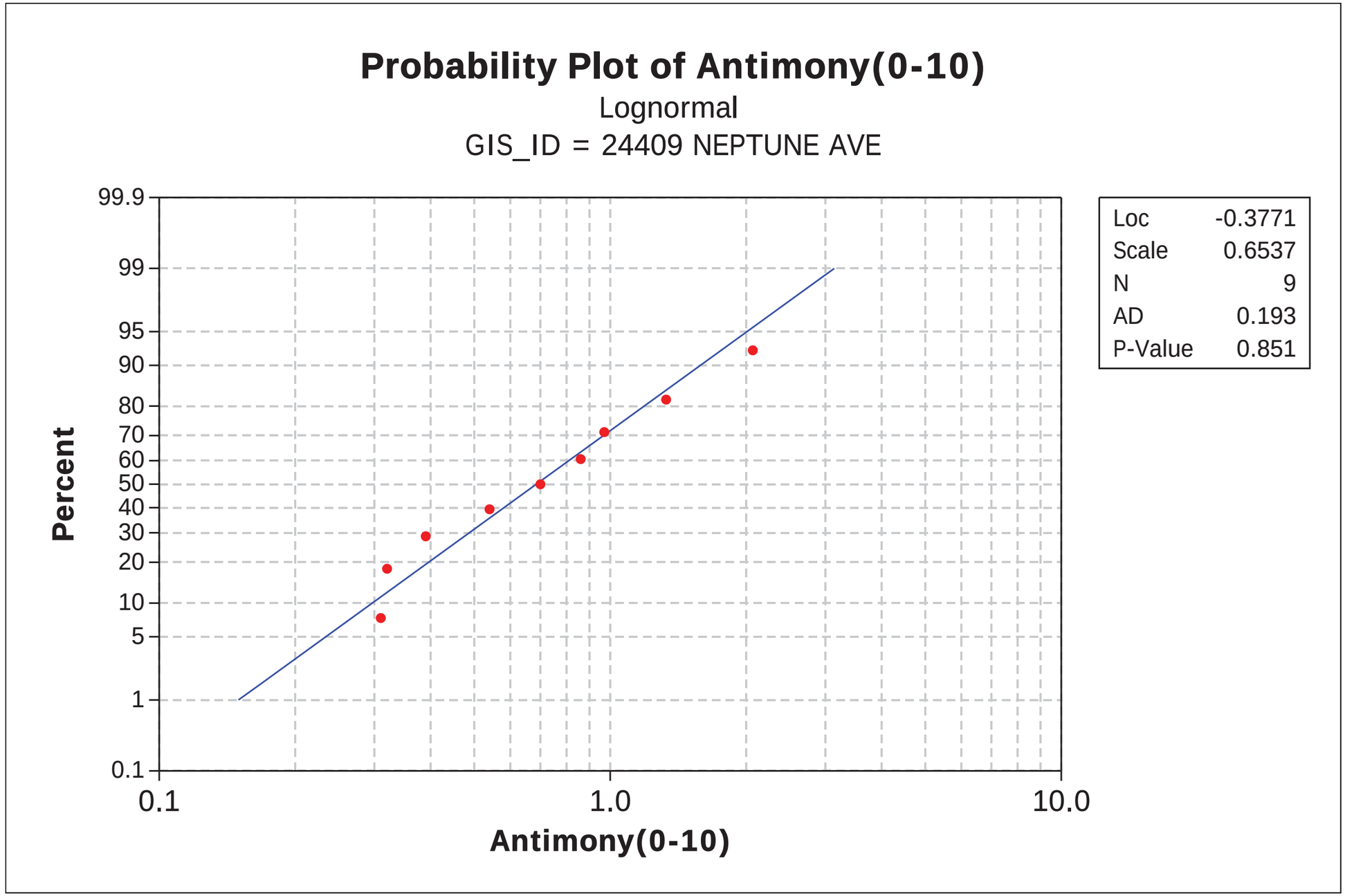

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24401 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.5764
Scale 0.4390
N 19
AD 0.229
P-Value 0.779

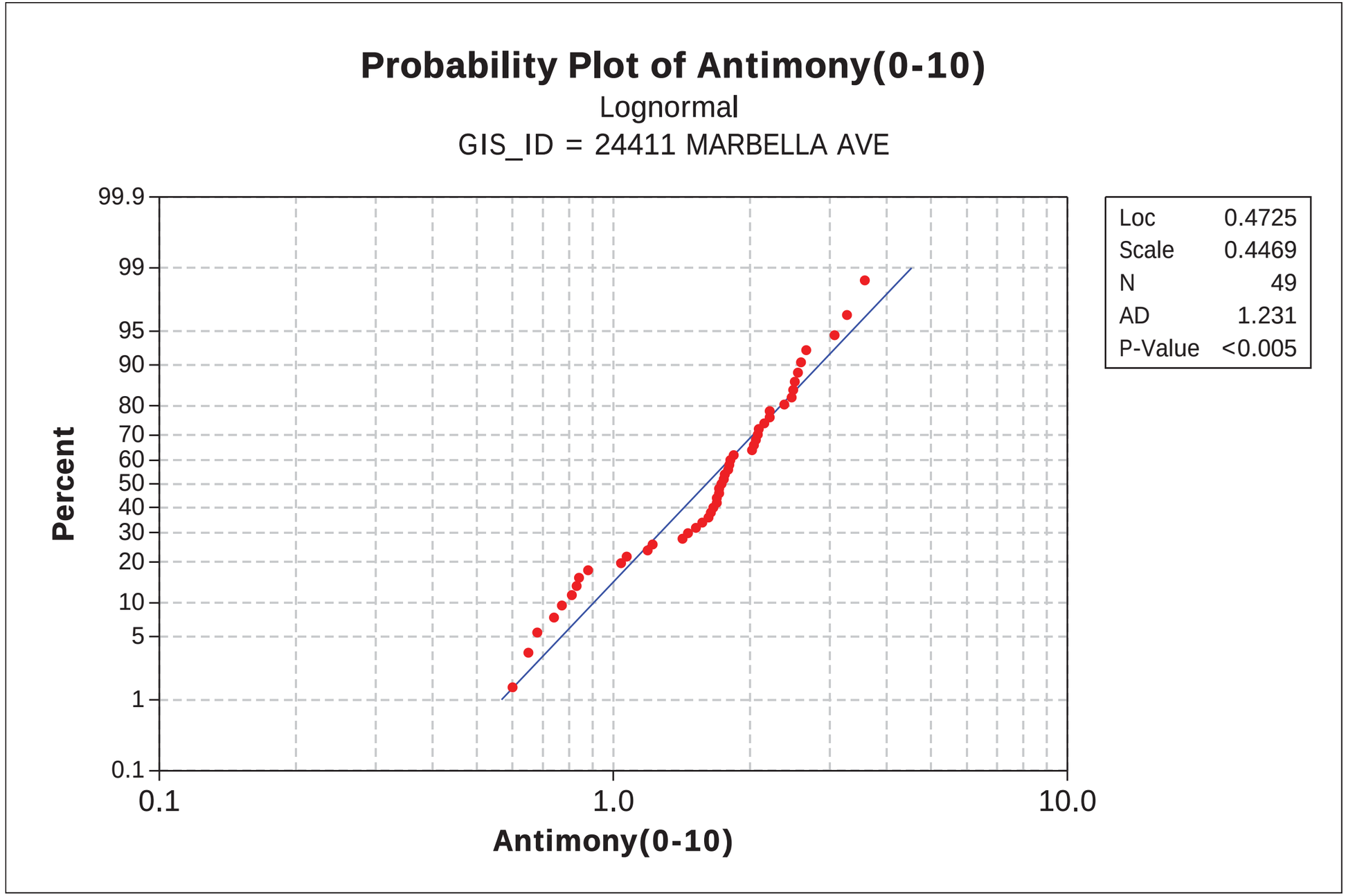

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24402 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.05666
Scale 0.4454
N 120
AD 0.658
P-Value 0.084

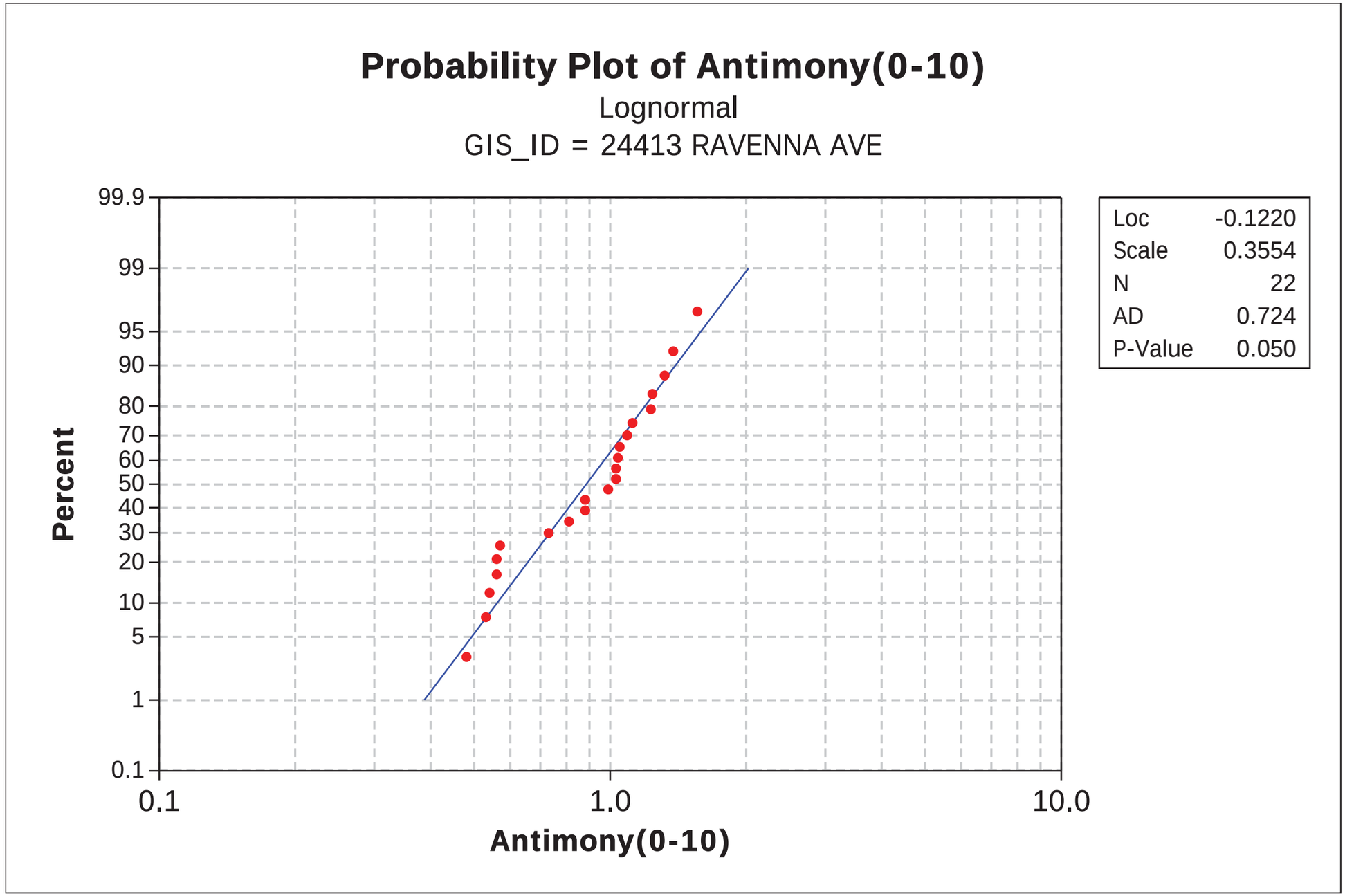

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24403 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 0.006941
Scale 0.4183
N 44
AD 0.649
P-Value 0.084

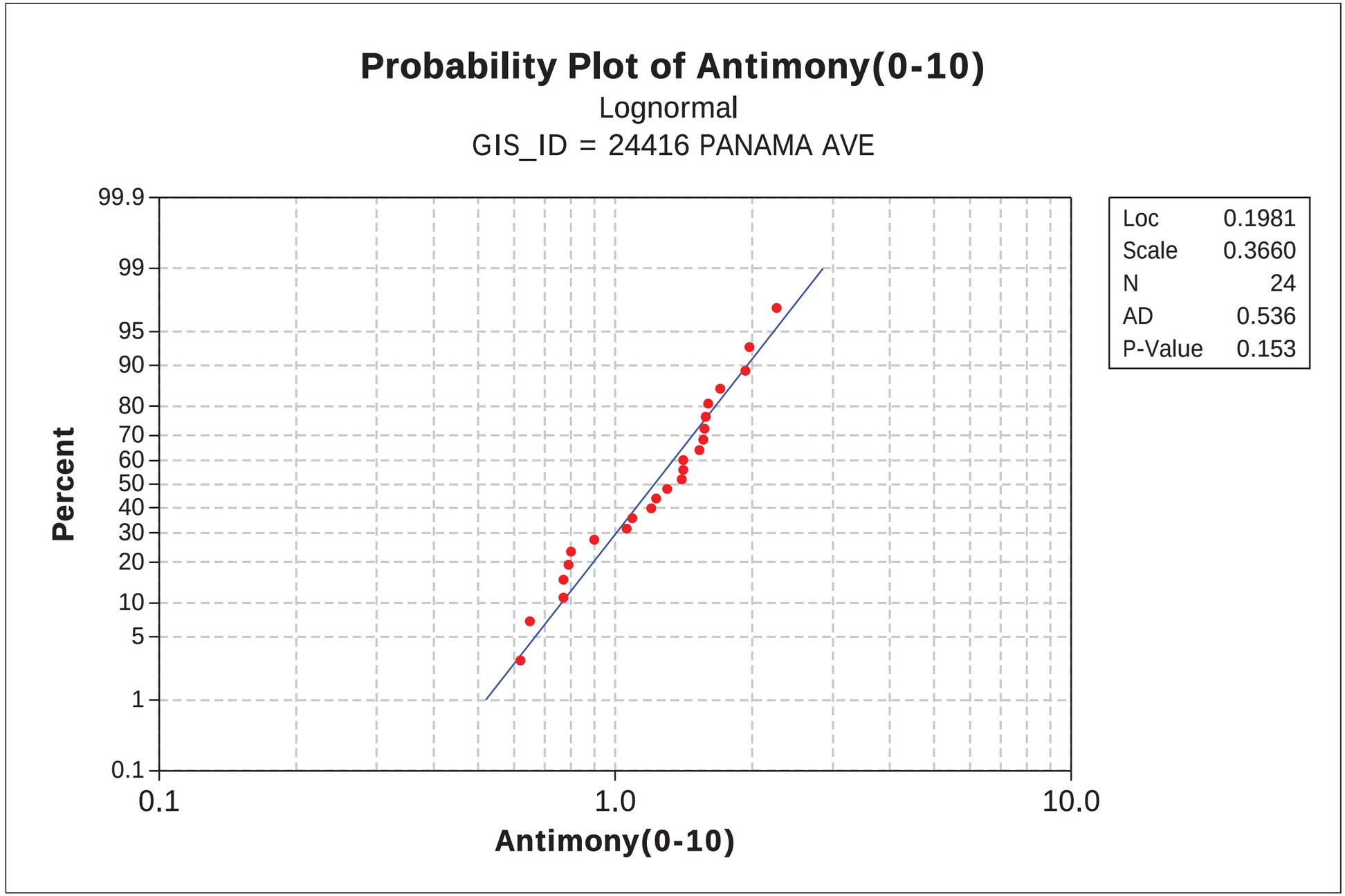

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24406 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 0.09055
Scale 0.3227
N 9
AD 0.287
P-Value 0.535

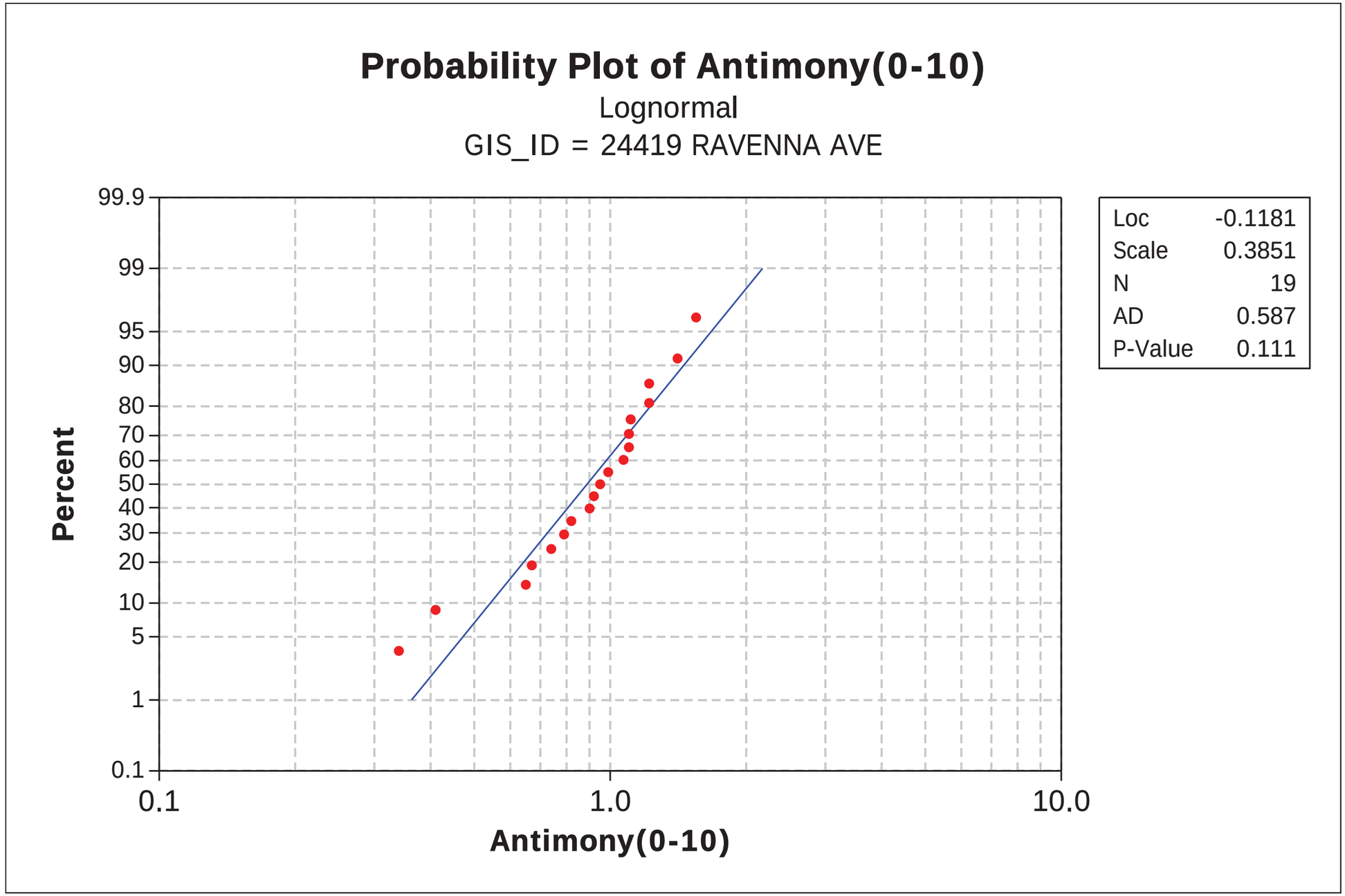

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24406 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 1.182
Scale 0.2449
N 4
AD 0.248
P-Value 0.516

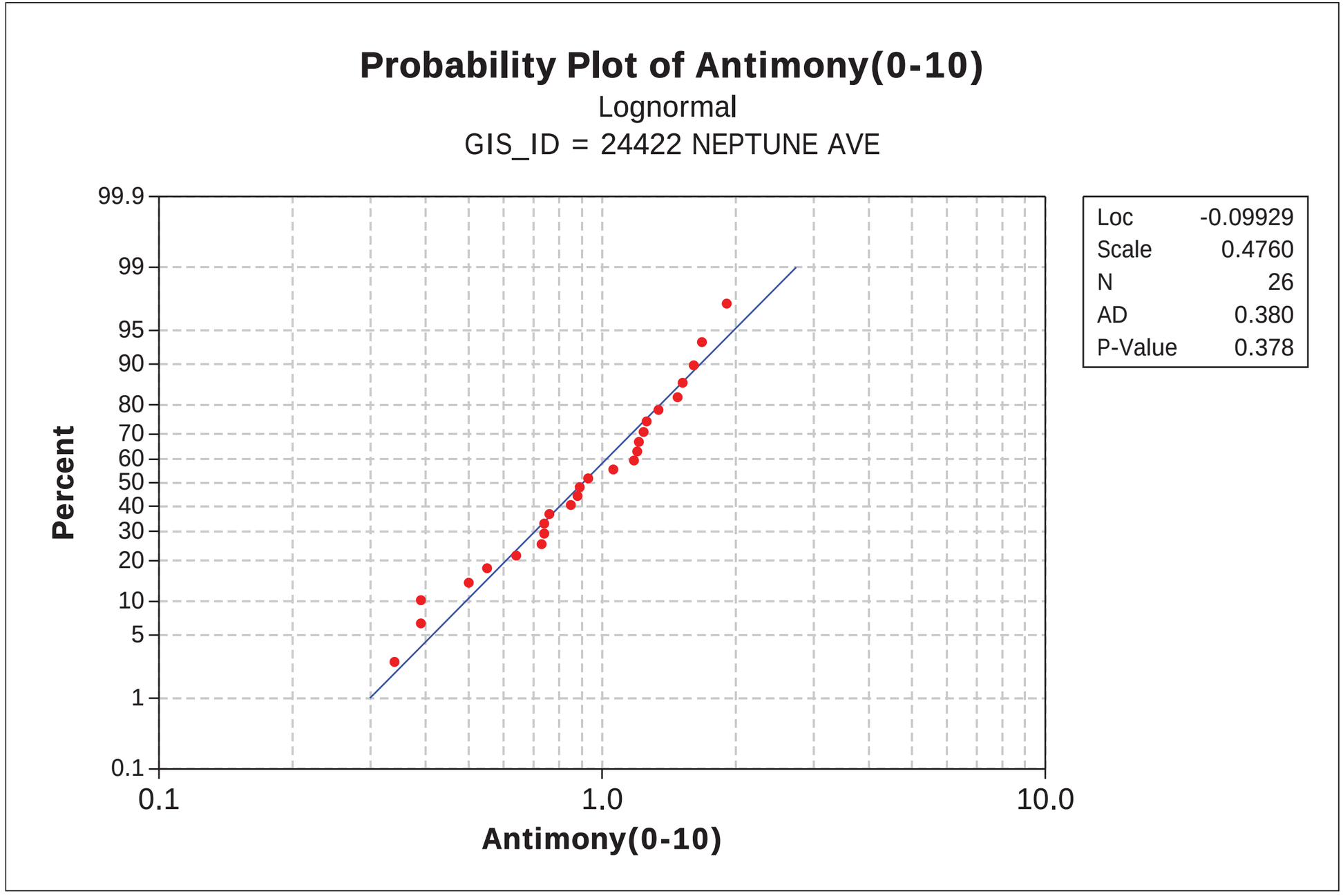

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24409 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.3771
Scale 0.6537
N 9
AD 0.193
P-Value 0.851

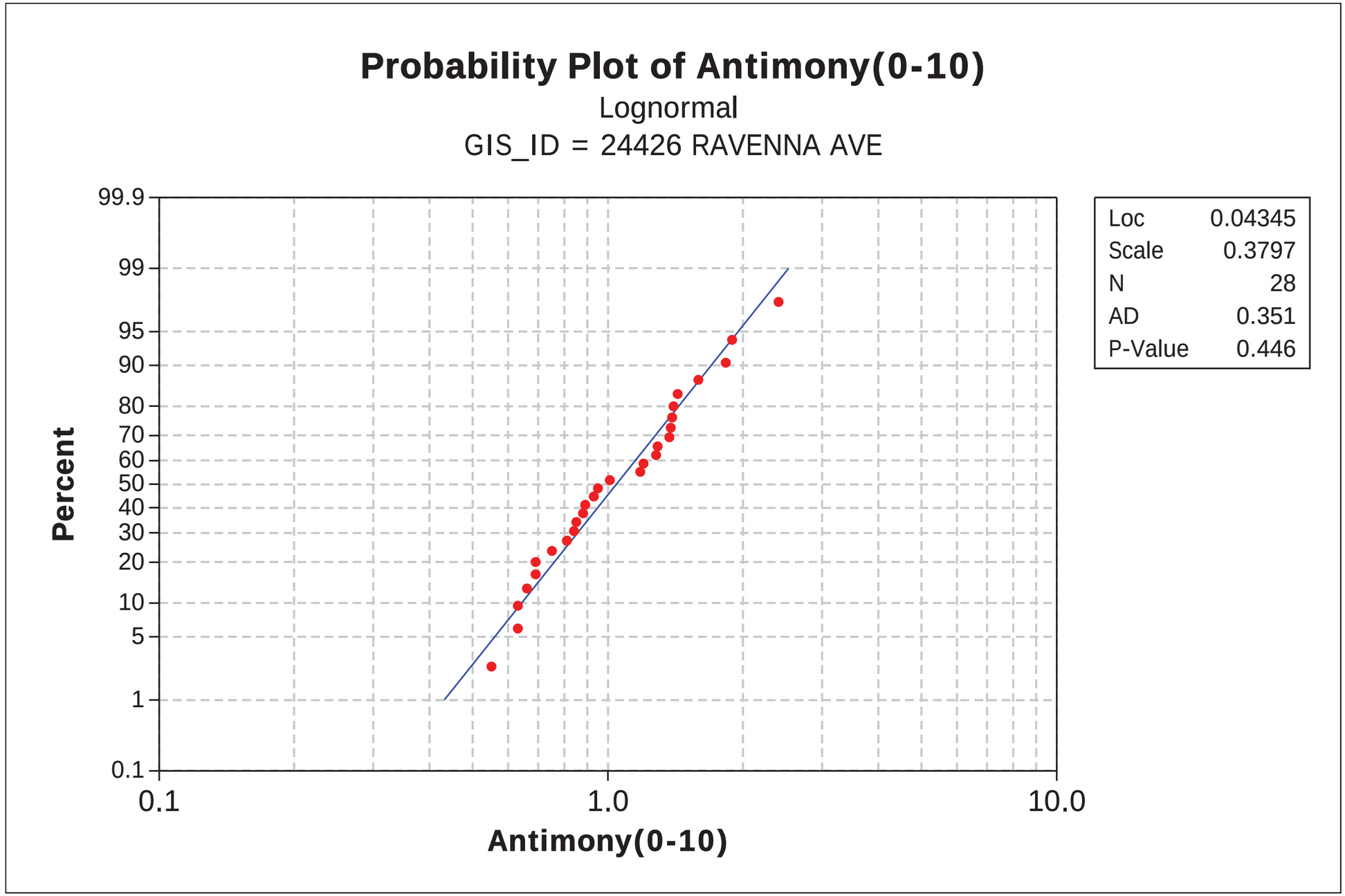

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24411 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 0.4725
Scale 0.4469
N 49
AD 1.231
P-Value <0.005

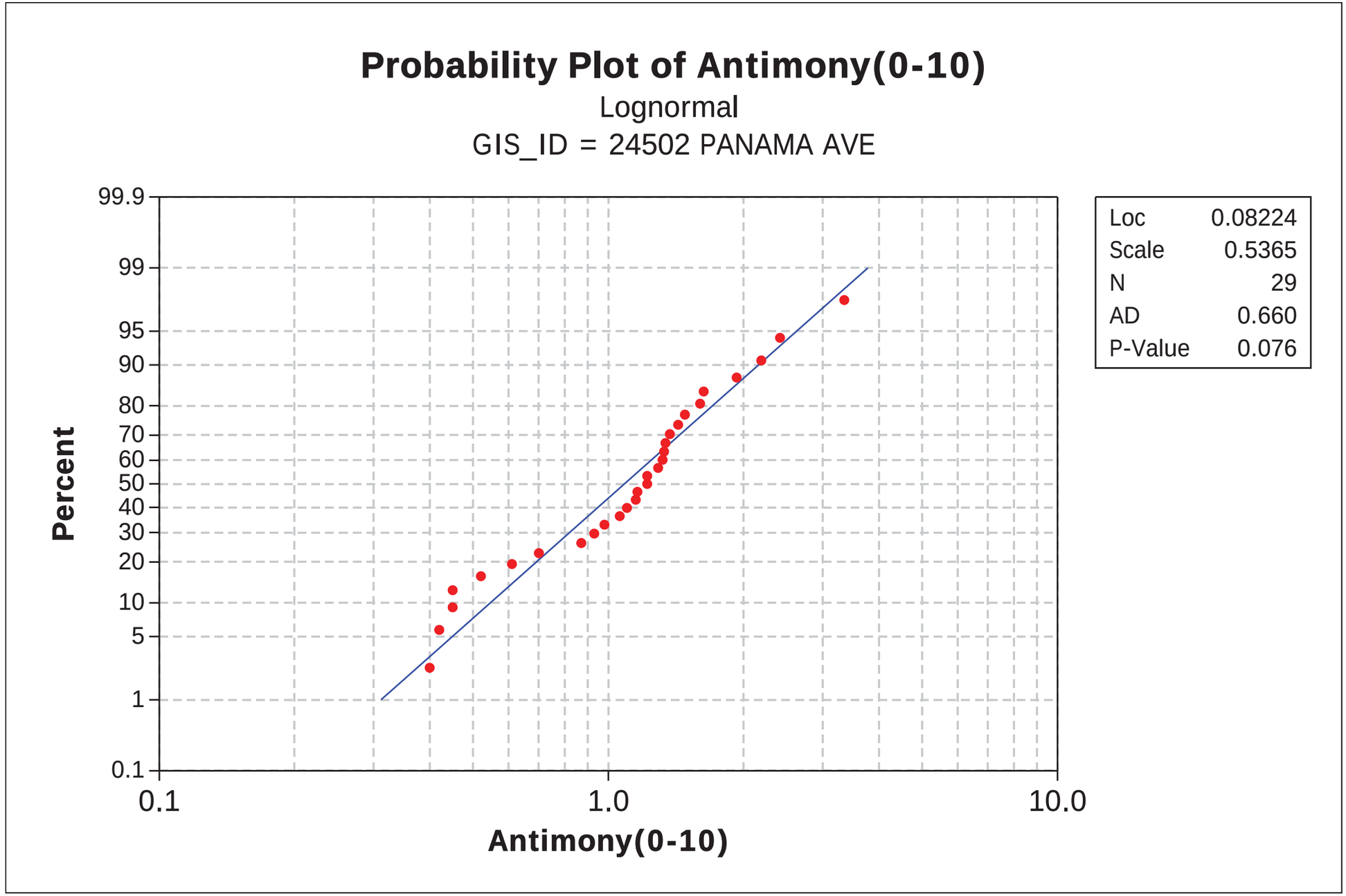

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24413 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.1220
Scale 0.3554
N 22
AD 0.724
P-Value 0.050

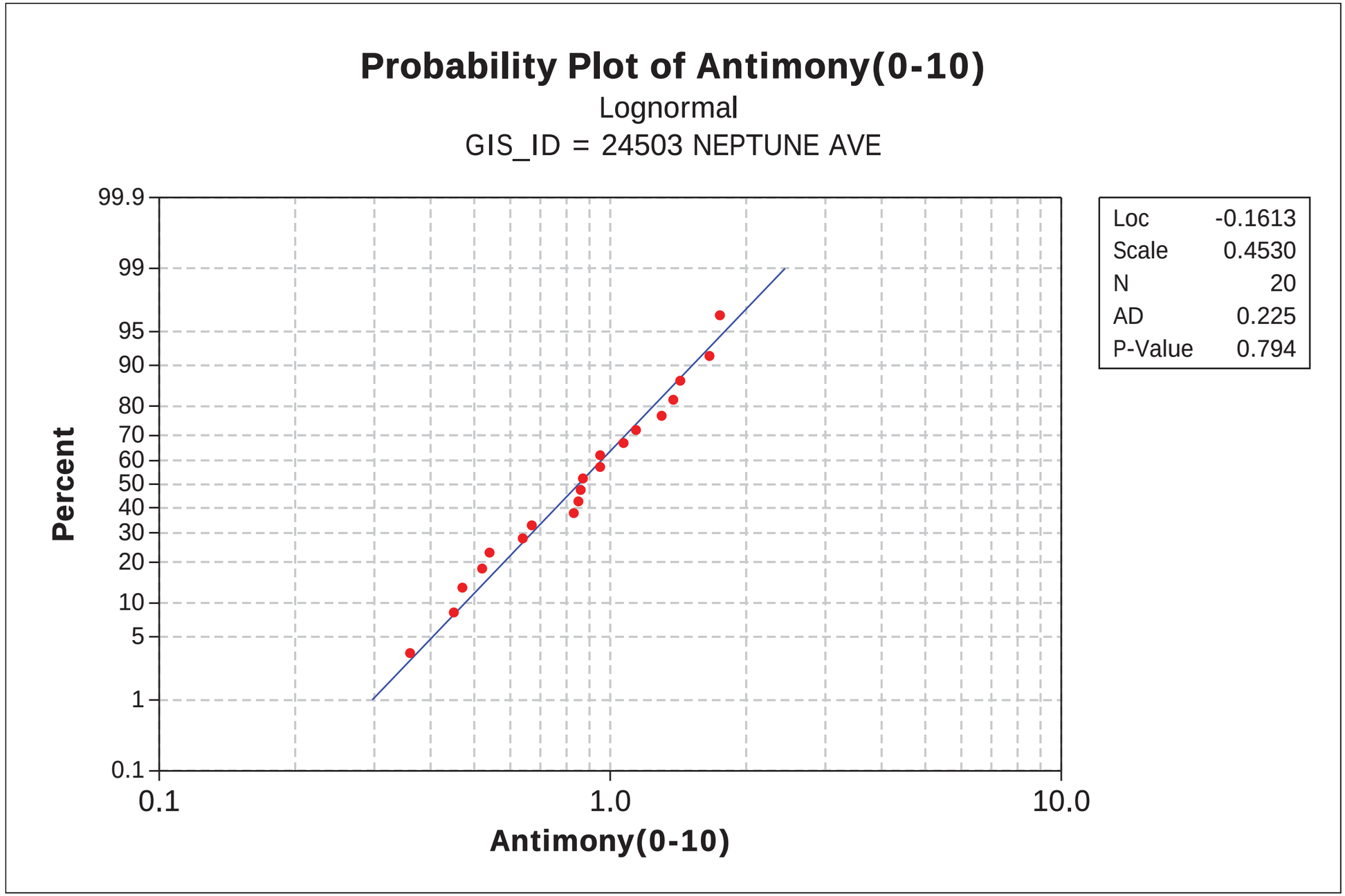

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24416 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 0.1981
Scale 0.3660
N 24
AD 0.536
P-Value 0.153

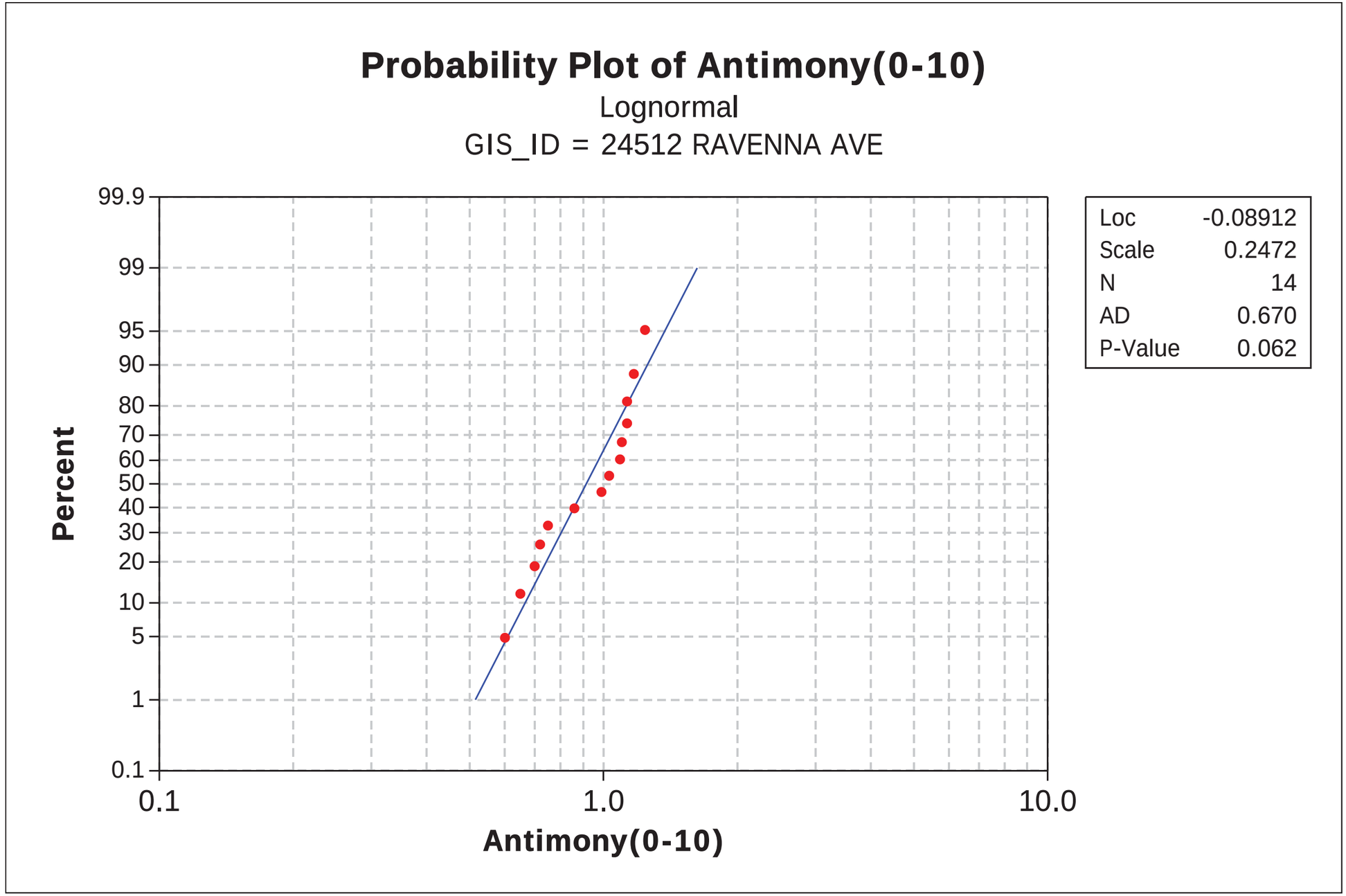

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24419 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.1181
Scale 0.3851
N 19
AD 0.587
P-Value 0.111

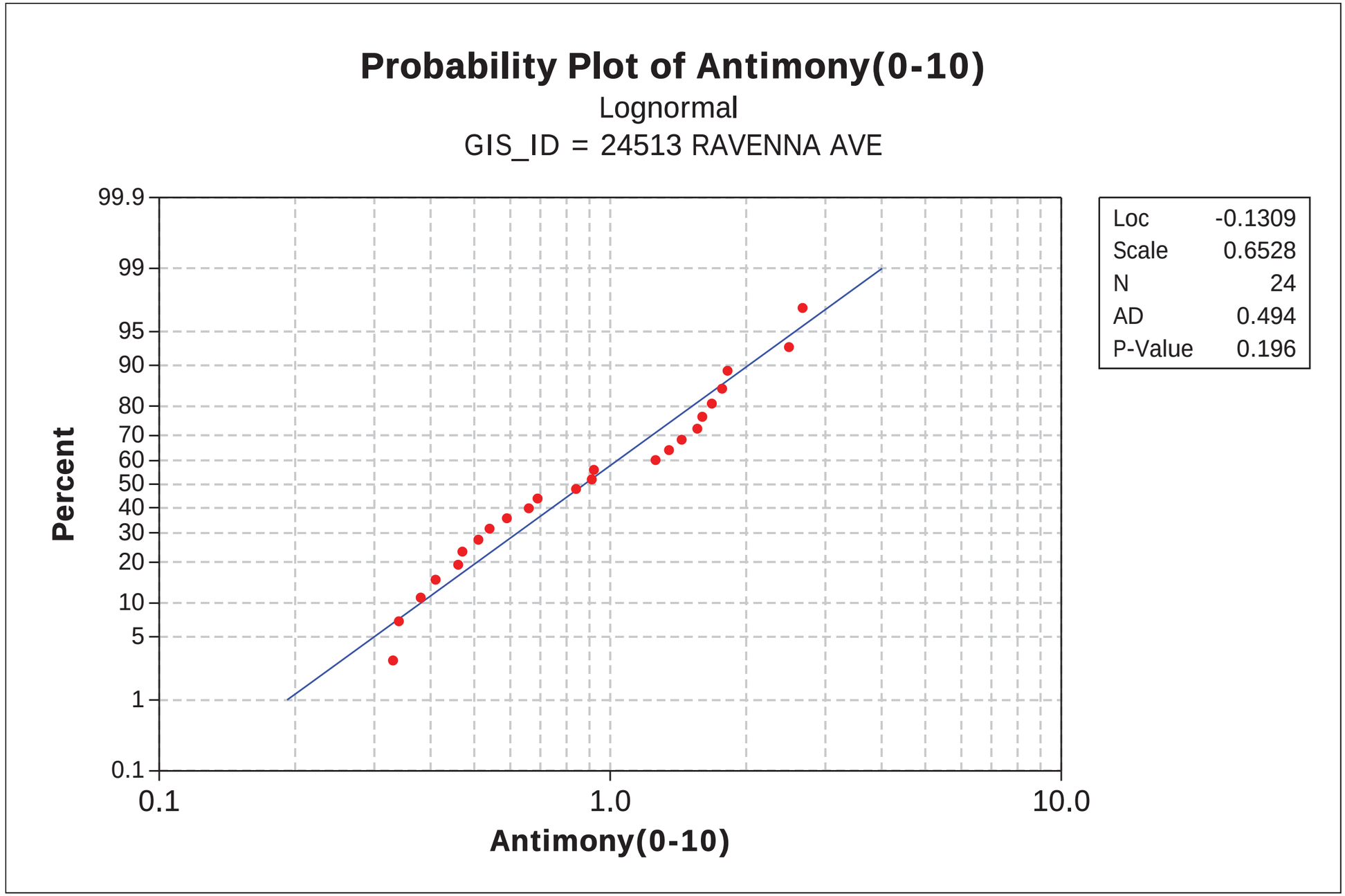

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24422 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.09929
Scale 0.4760
N 26
AD 0.380
P-Value 0.378

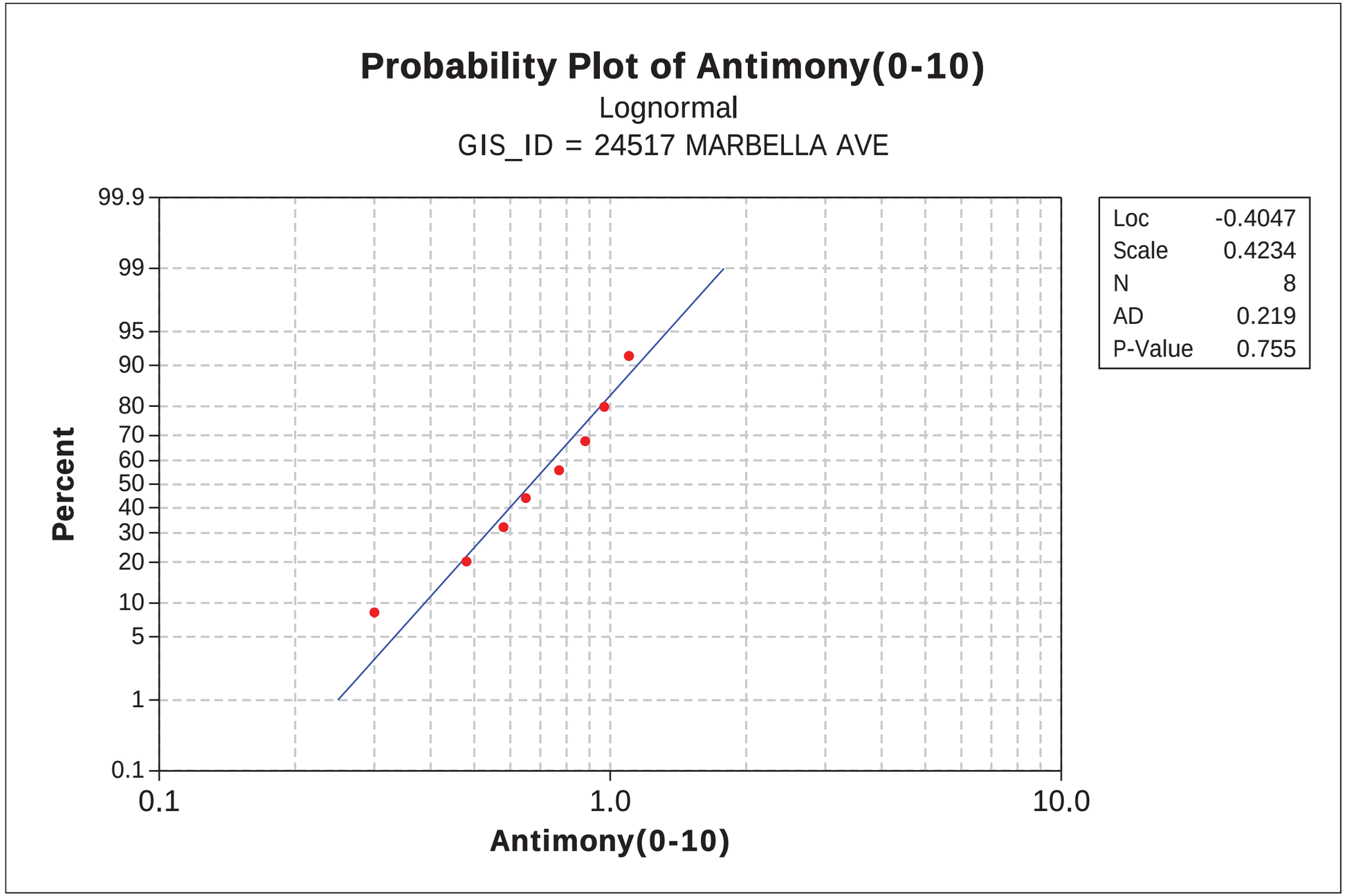

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24426 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 0.04345
Scale 0.3797
N 28
AD 0.351
P-Value 0.446

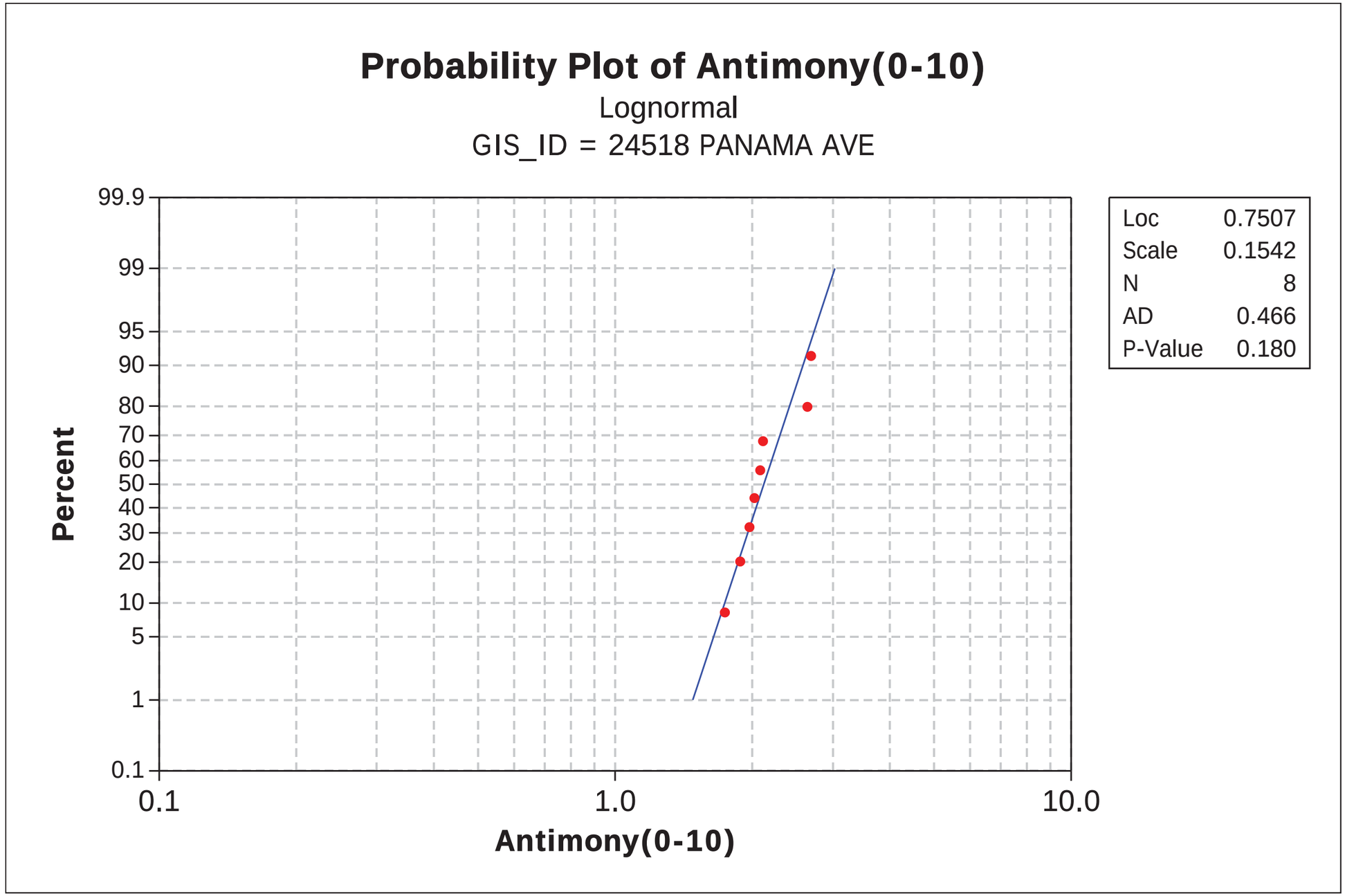

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24502 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 0.08224
Scale 0.5365
N 29
AD 0.660
P-Value 0.076

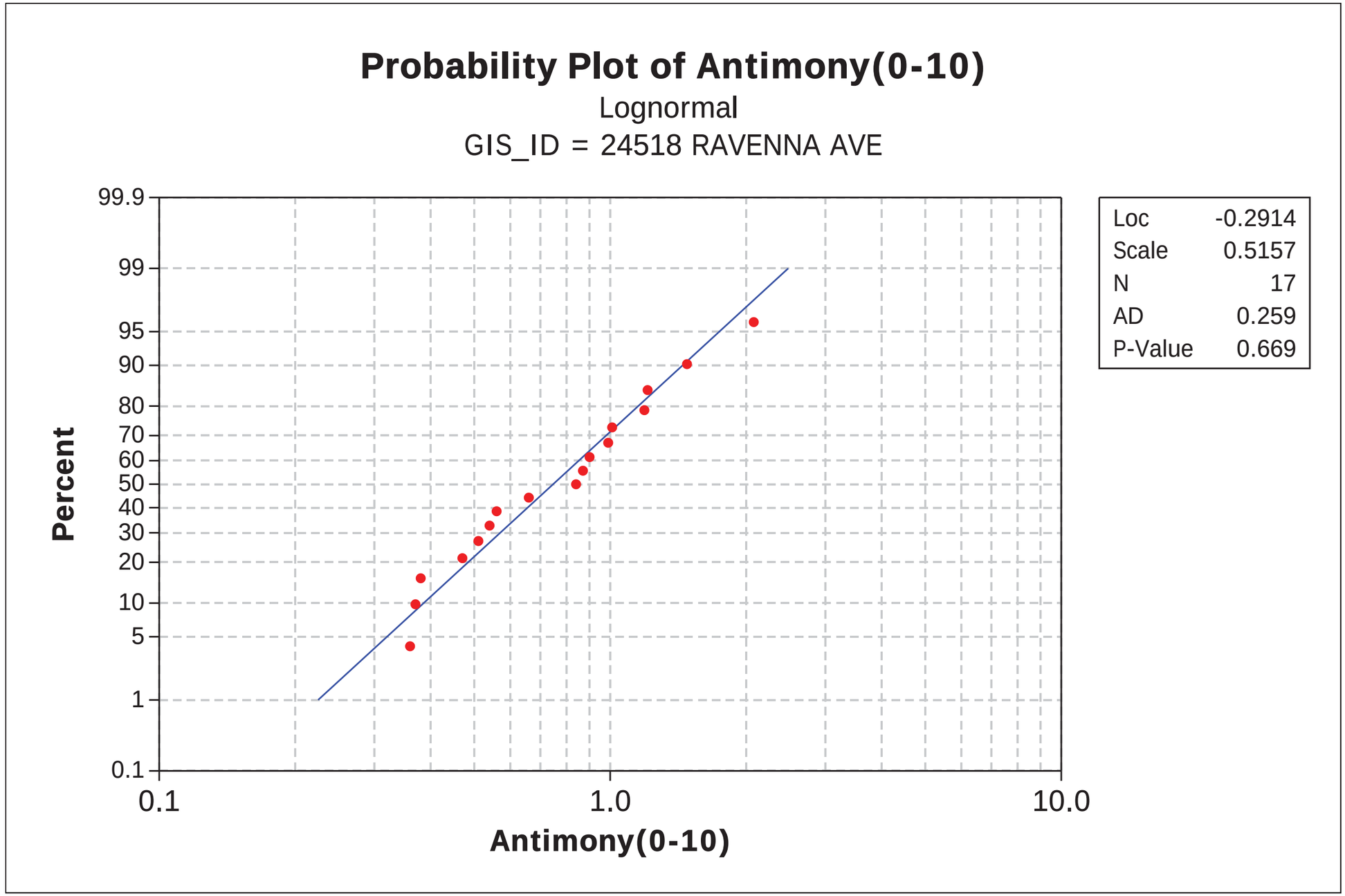

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24503 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.1613
Scale 0.4530
N 20
AD 0.225
P-Value 0.794

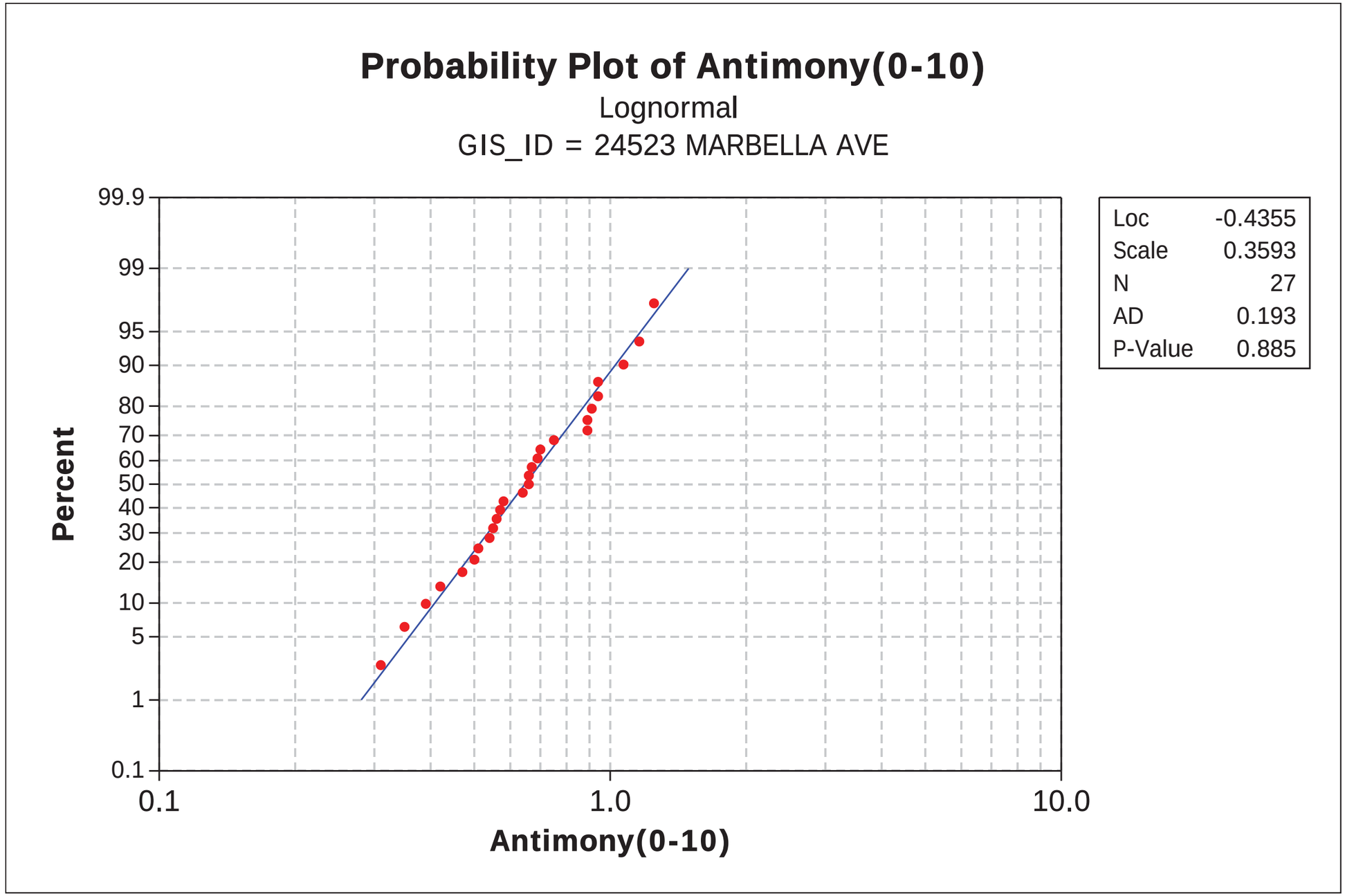

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24512 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.08912
Scale 0.2472
N 14
AD 0.670
P-Value 0.062

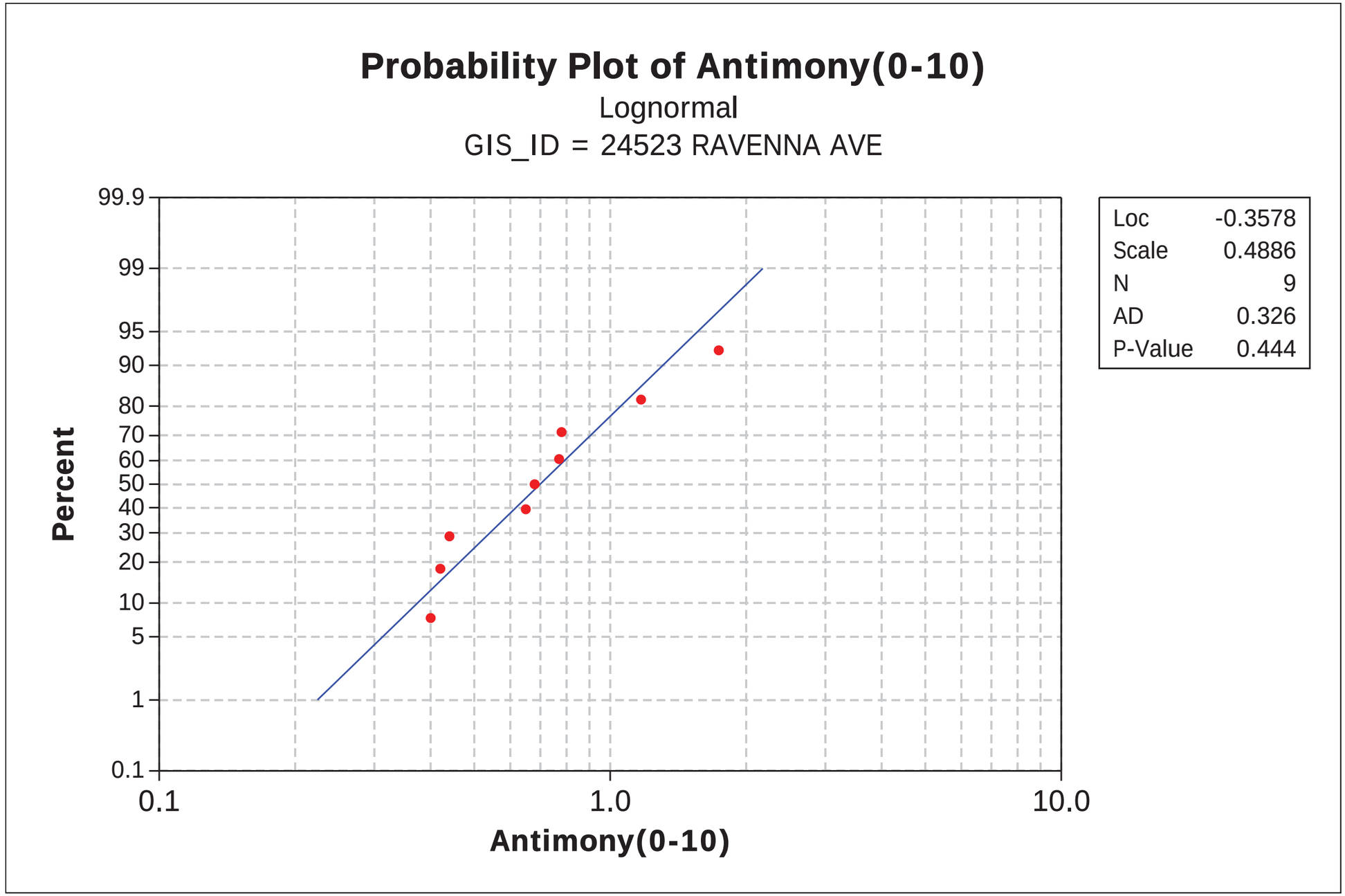

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24513 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.1309
Scale 0.6528
N 24
AD 0.494
P-Value 0.196

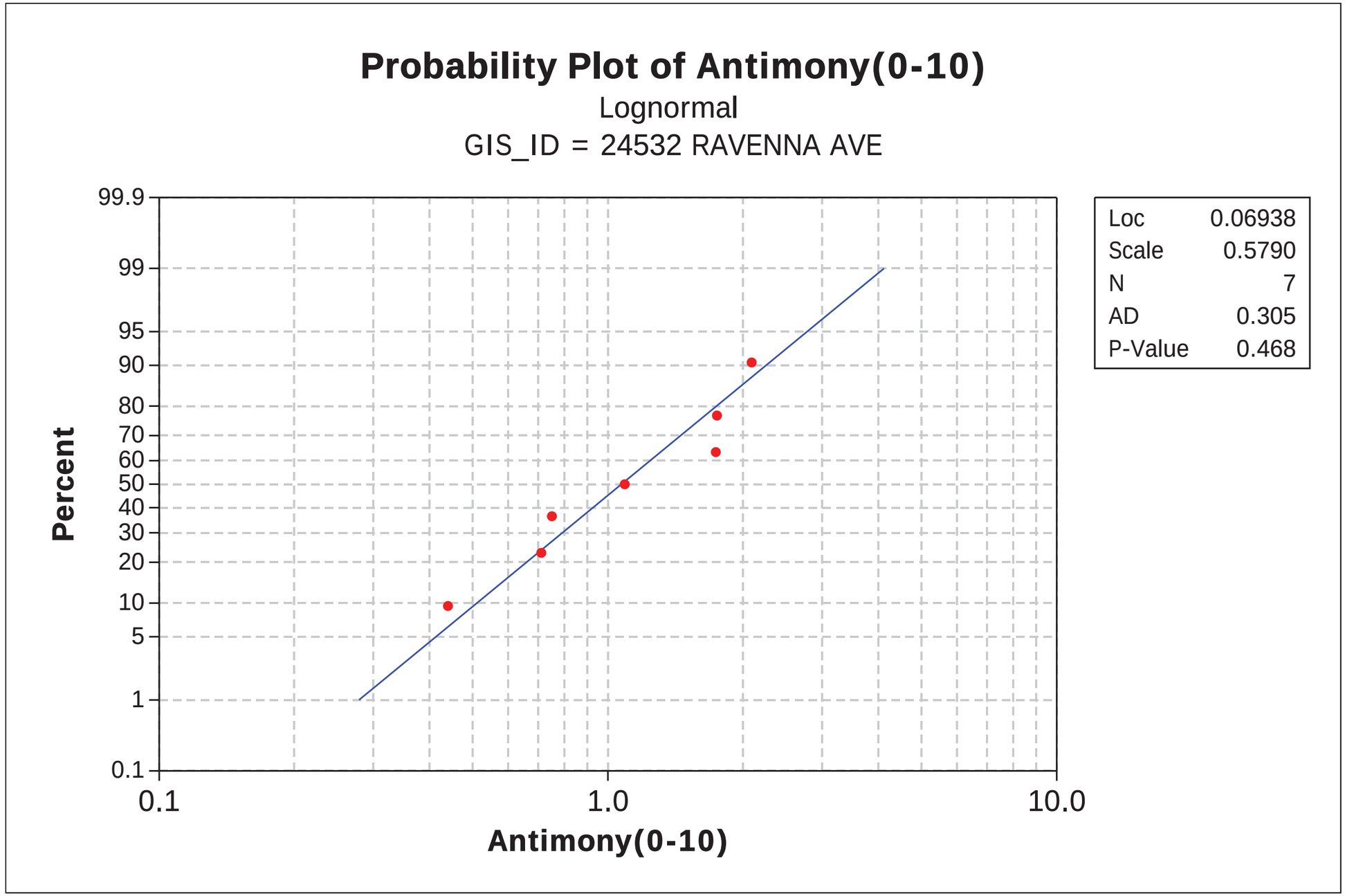

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24517 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.4047
Scale 0.4234
N 8
AD 0.219
P-Value 0.755

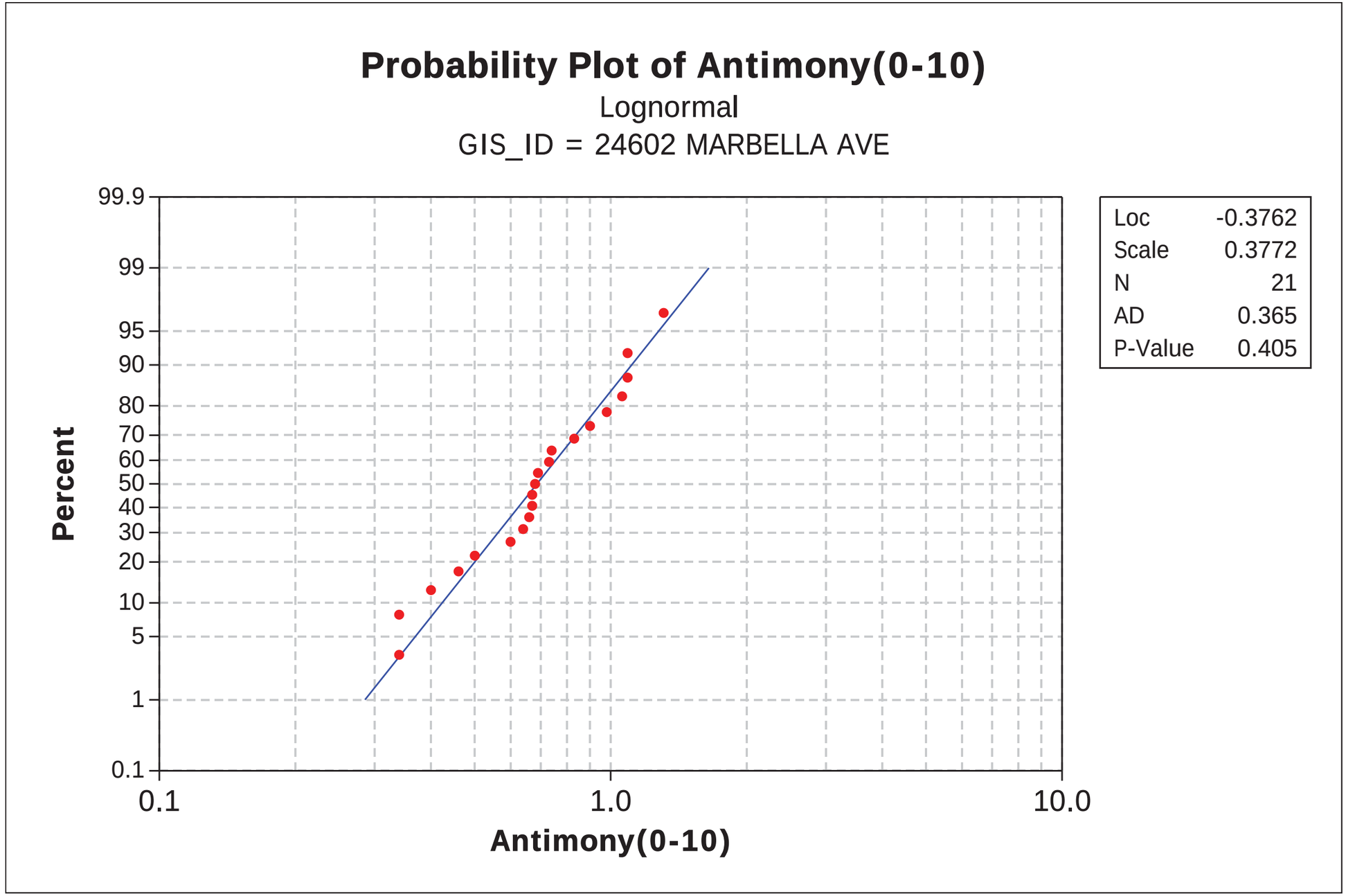

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24518 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 0.7507
Scale 0.1542
N 8
AD 0.466
P-Value 0.180

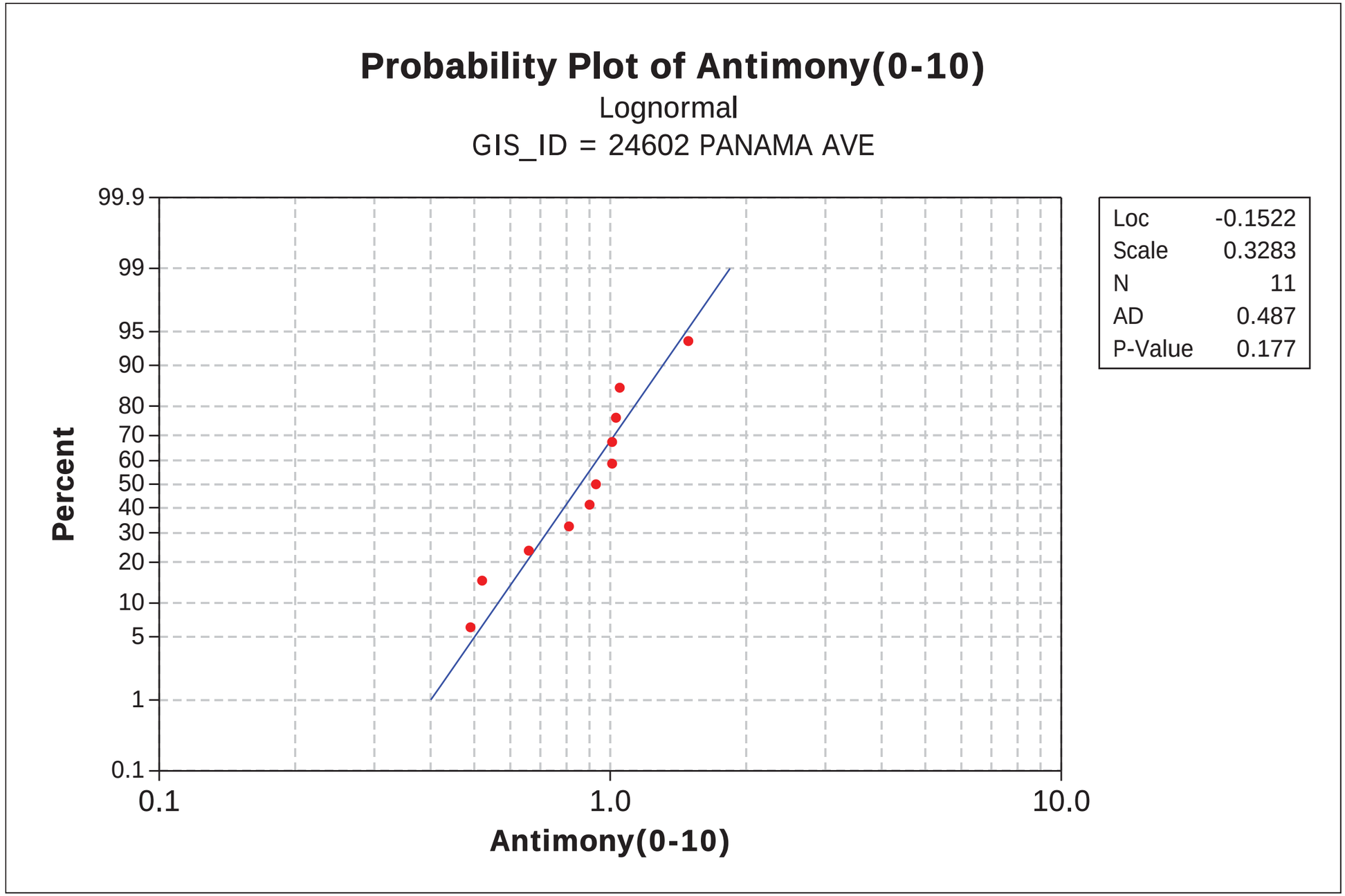

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24518 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.2914
Scale 0.5157
N 17
AD 0.259
P-Value 0.669

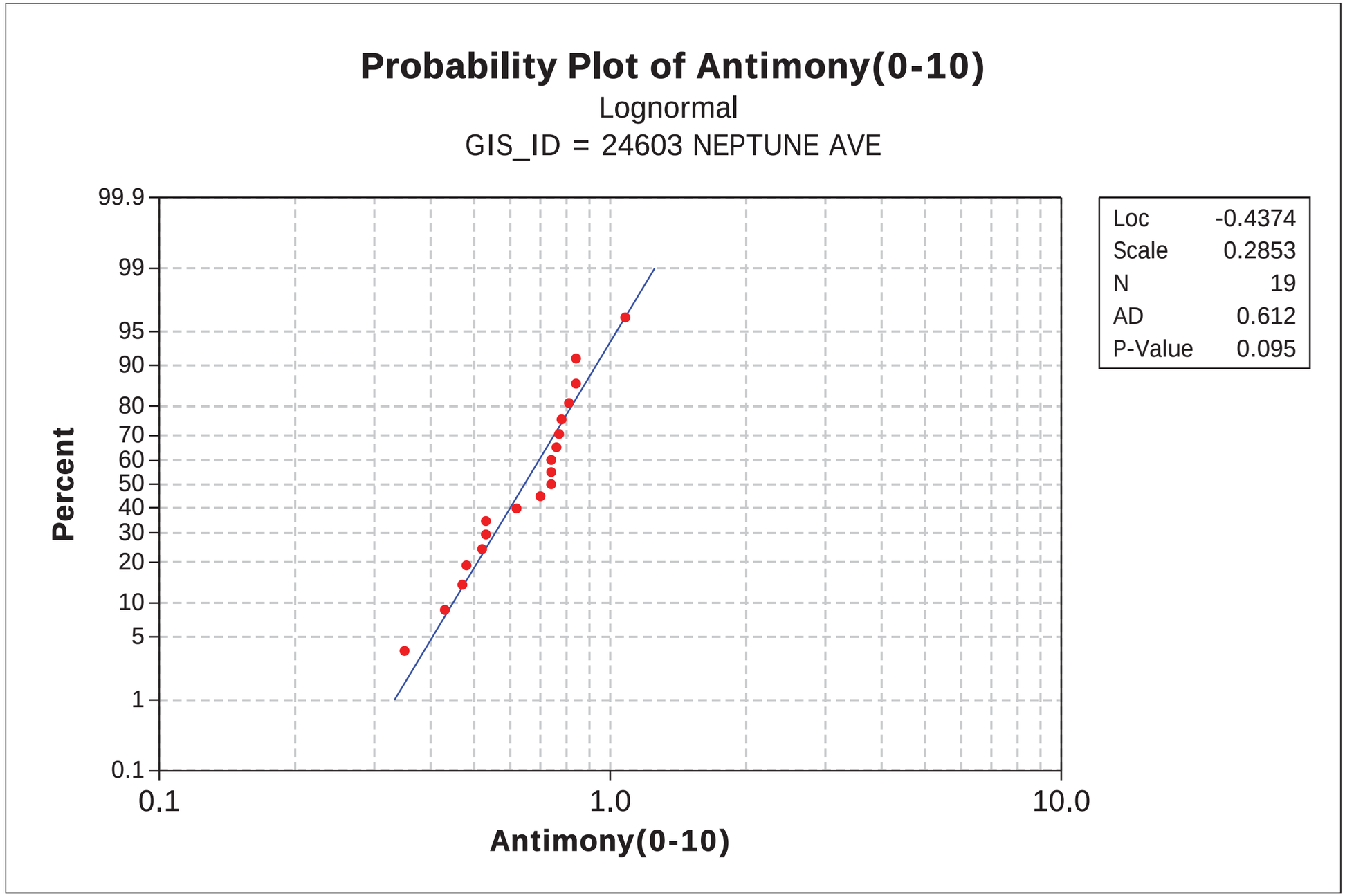

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24523 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.4355
Scale 0.3593
N 27
AD 0.193
P-Value 0.885

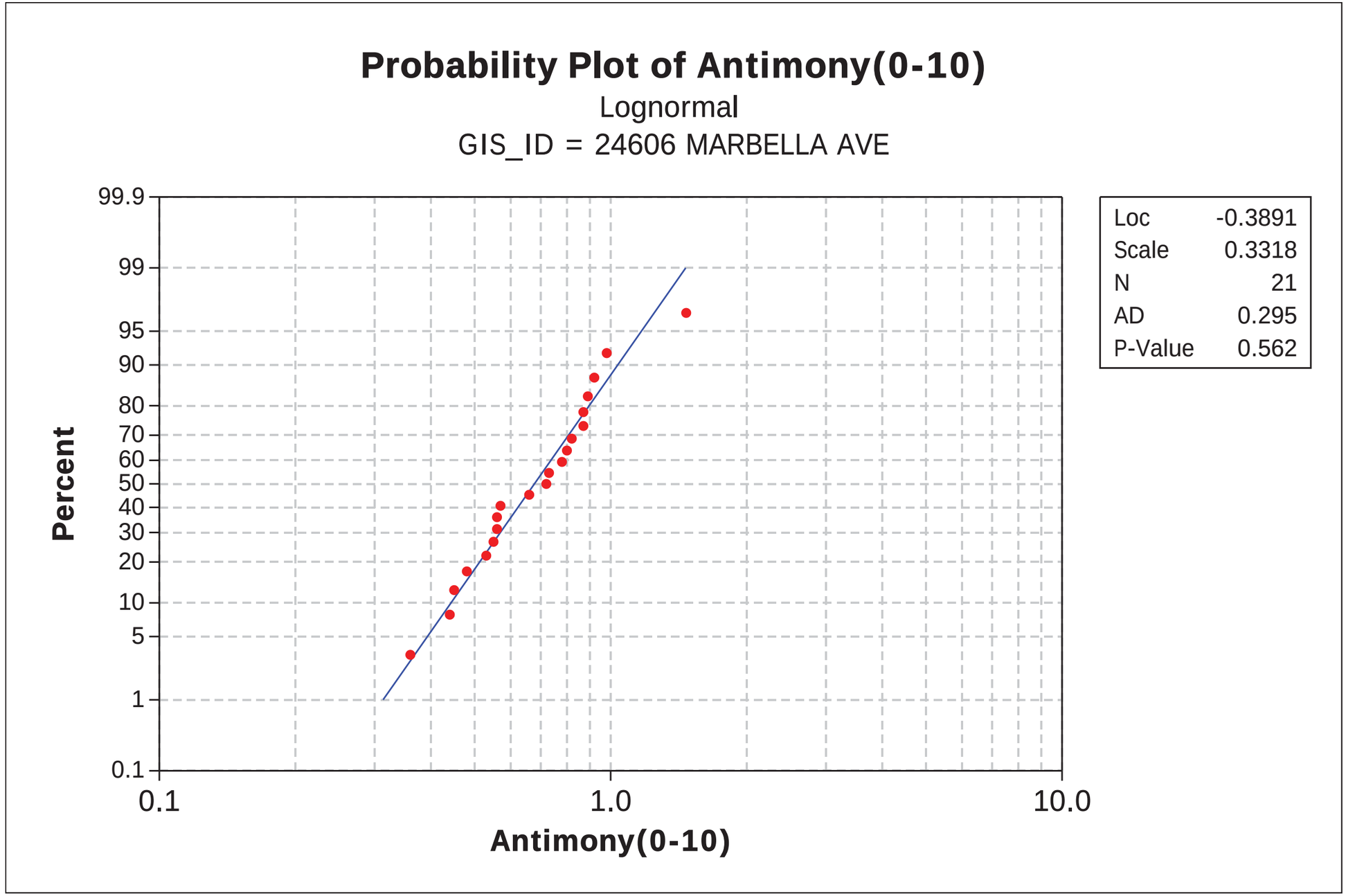

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24523 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.3578
Scale 0.4886
N 9
AD 0.326
P-Value 0.444

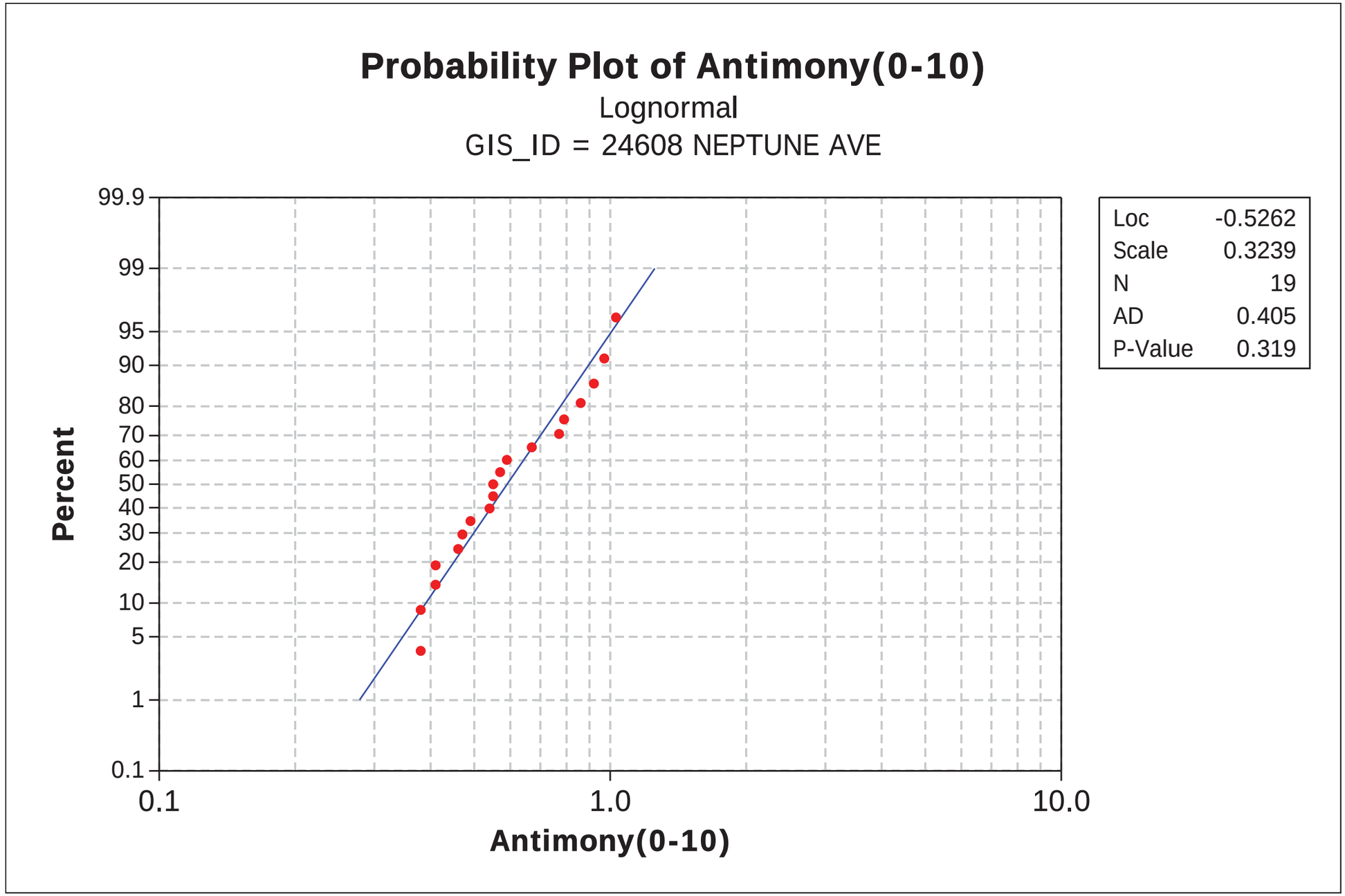

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24532 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 0.06938
Scale 0.5790
N 7
AD 0.305
P-Value 0.468

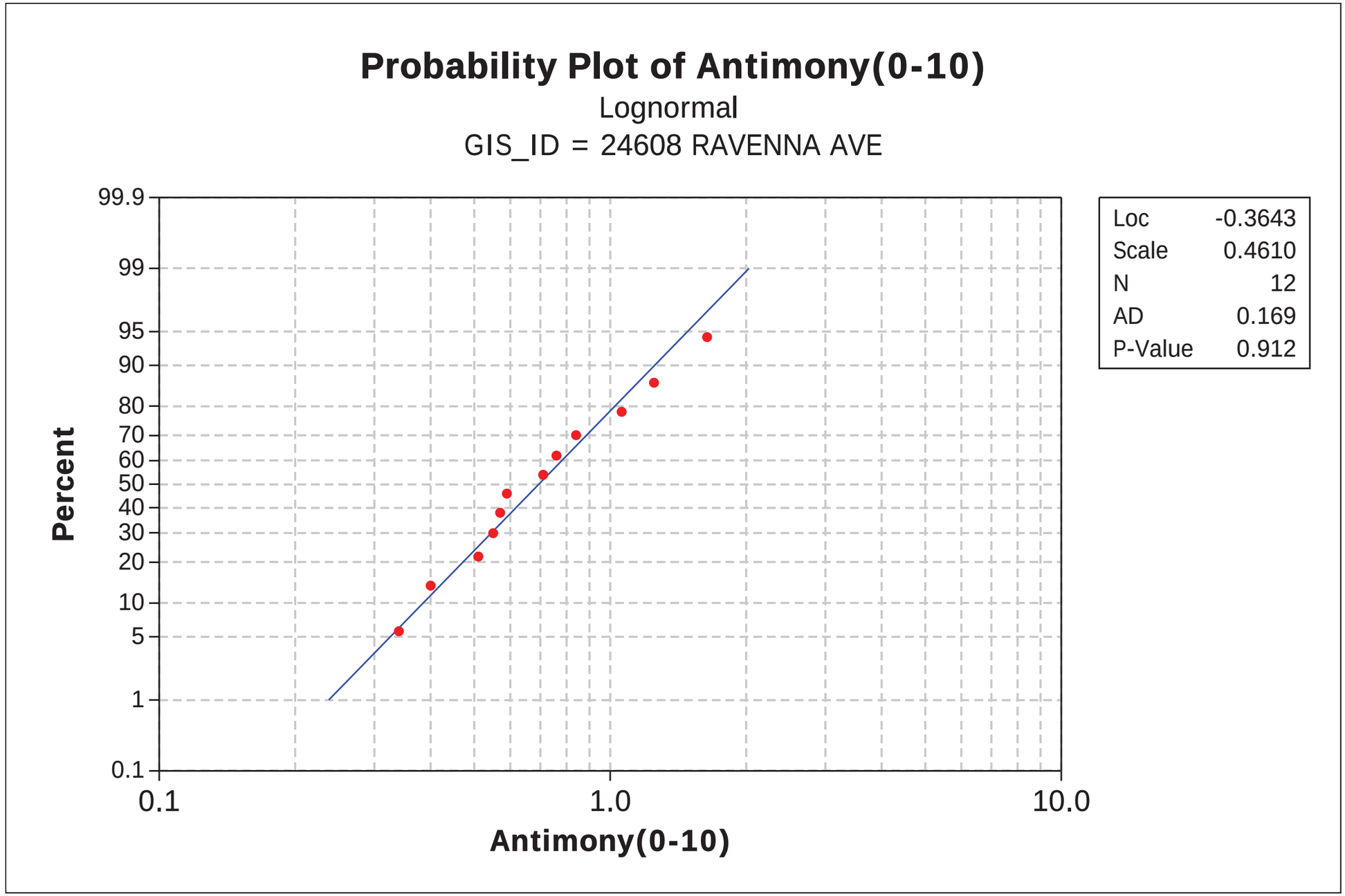

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24602 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.3762
Scale 0.3772
N 21
AD 0.365
P-Value 0.405

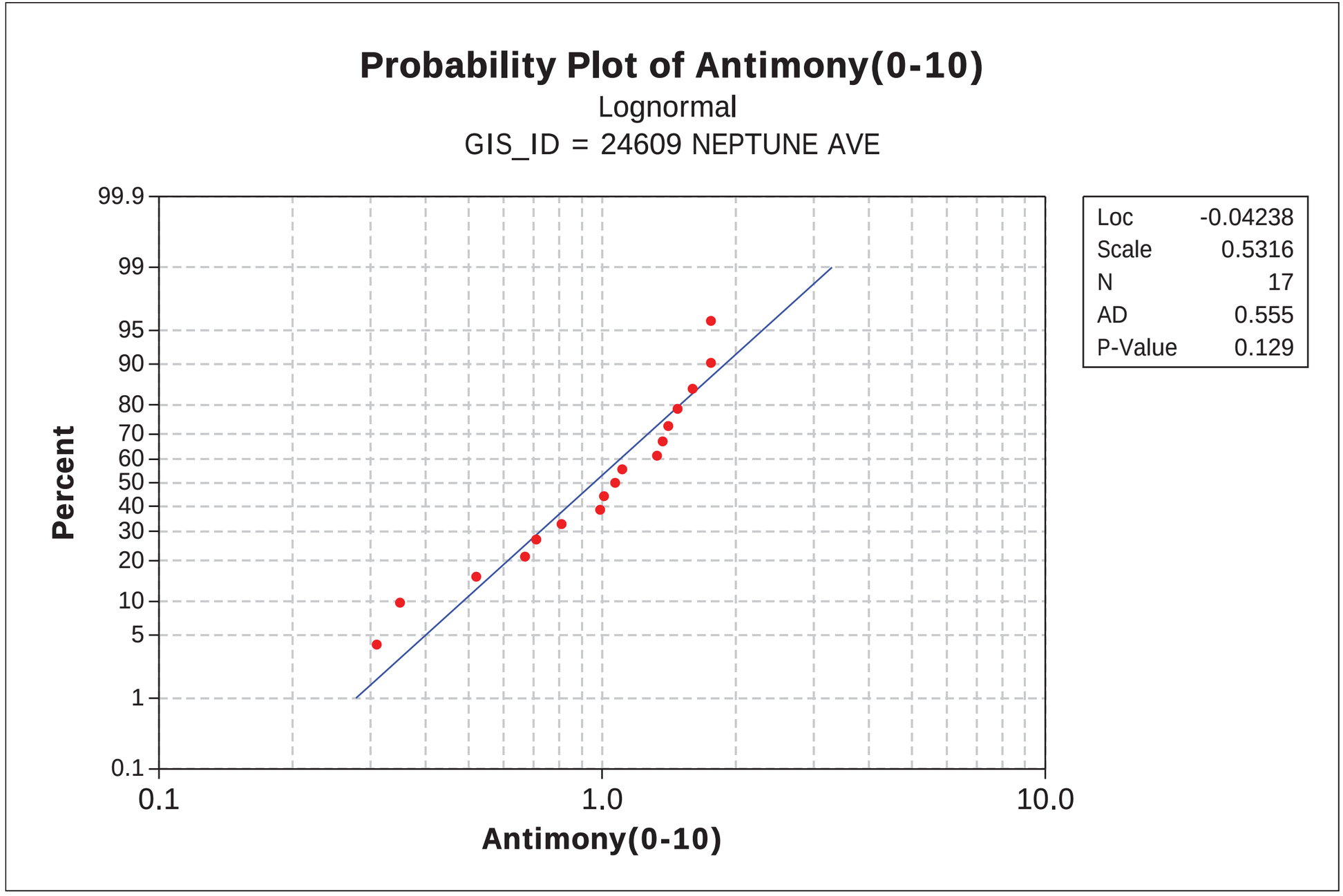

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24602 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.1522
Scale 0.3283
N 11
AD 0.487
P-Value 0.177

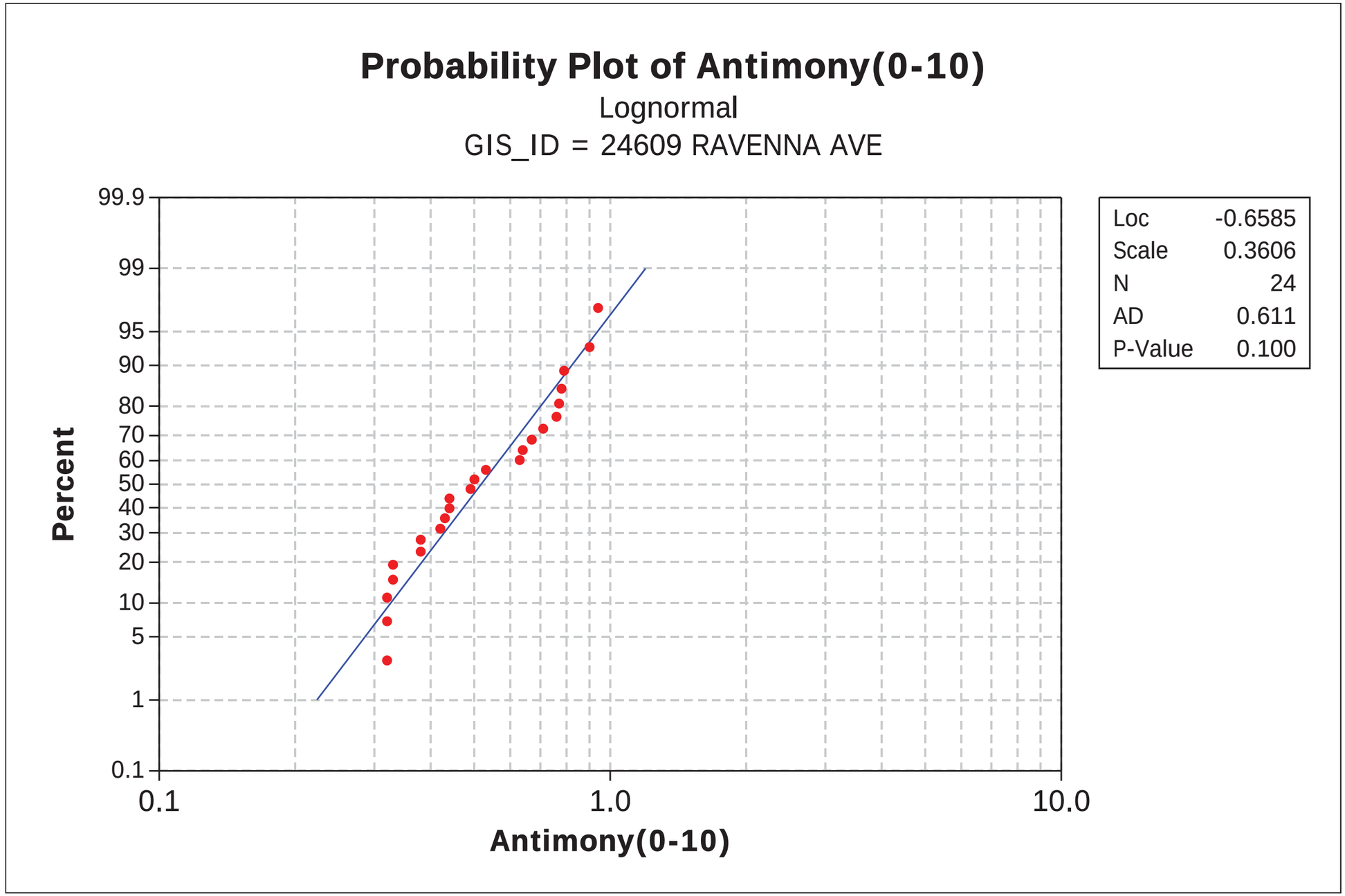

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24603 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.4374
Scale 0.2853
N 19
AD 0.612
P-Value 0.095

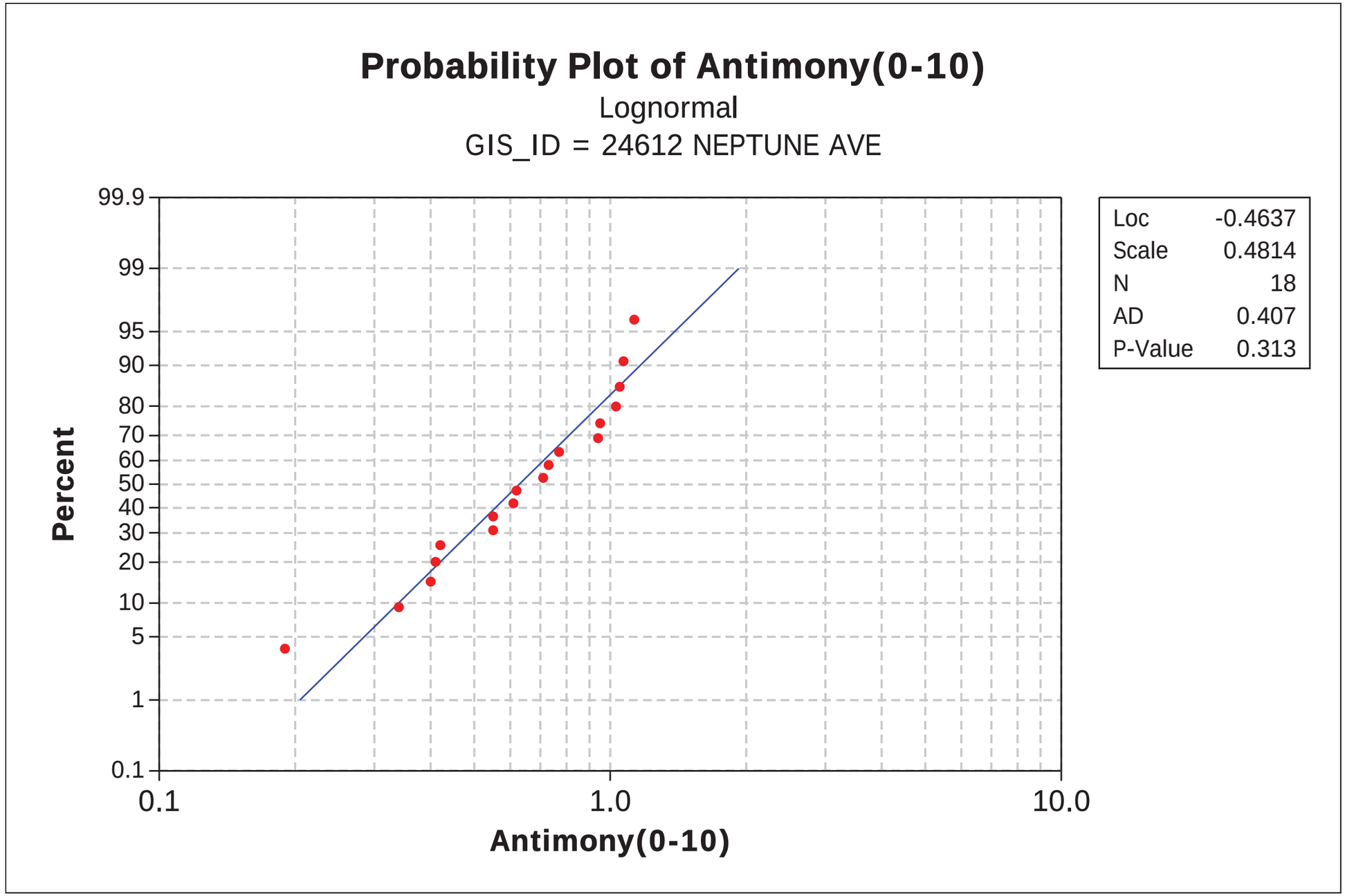

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24606 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.3891
Scale 0.3318
N 21
AD 0.295
P-Value 0.562

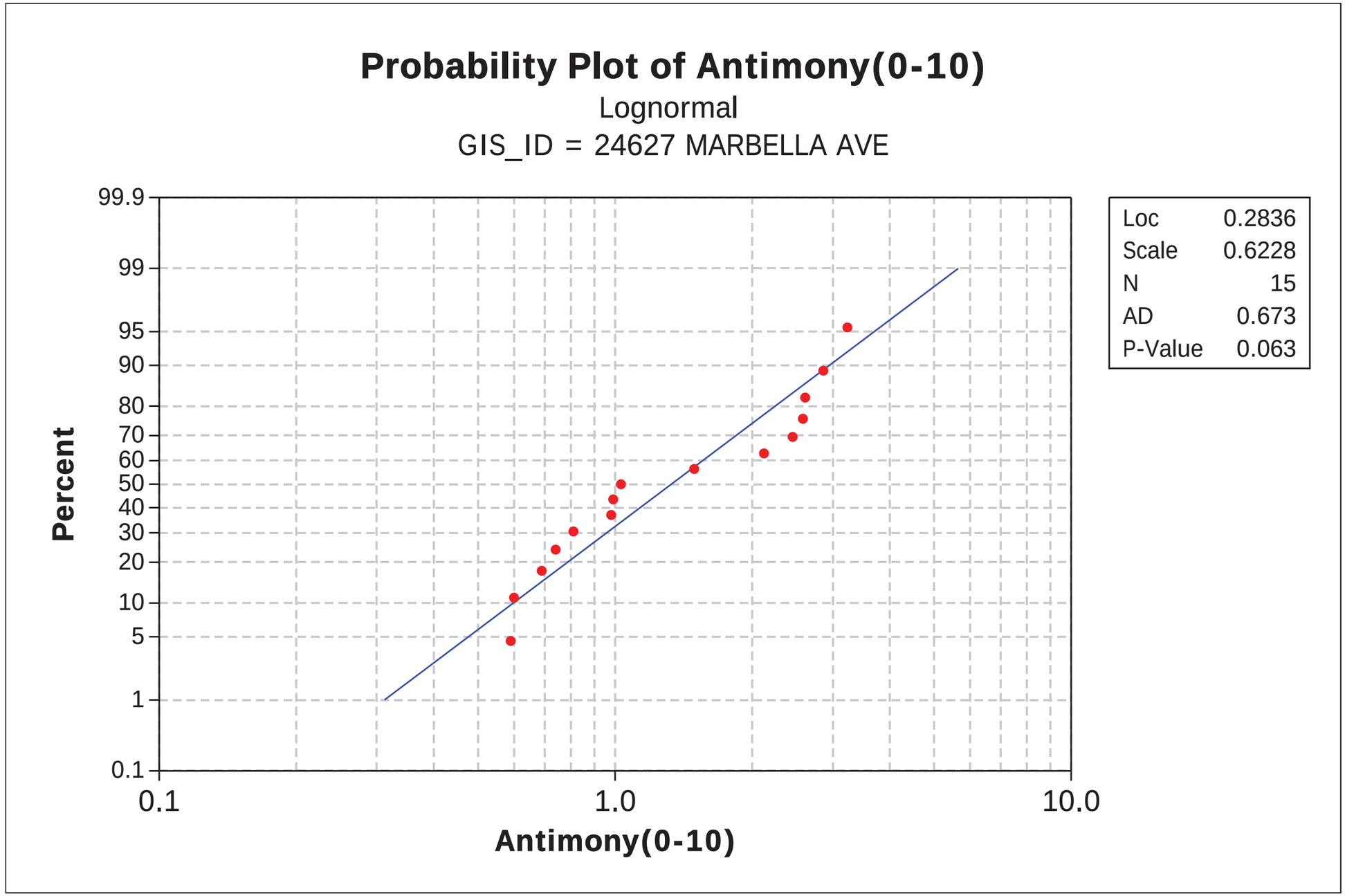

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24608 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.5262
Scale 0.3239
N 19
AD 0.405
P-Value 0.319

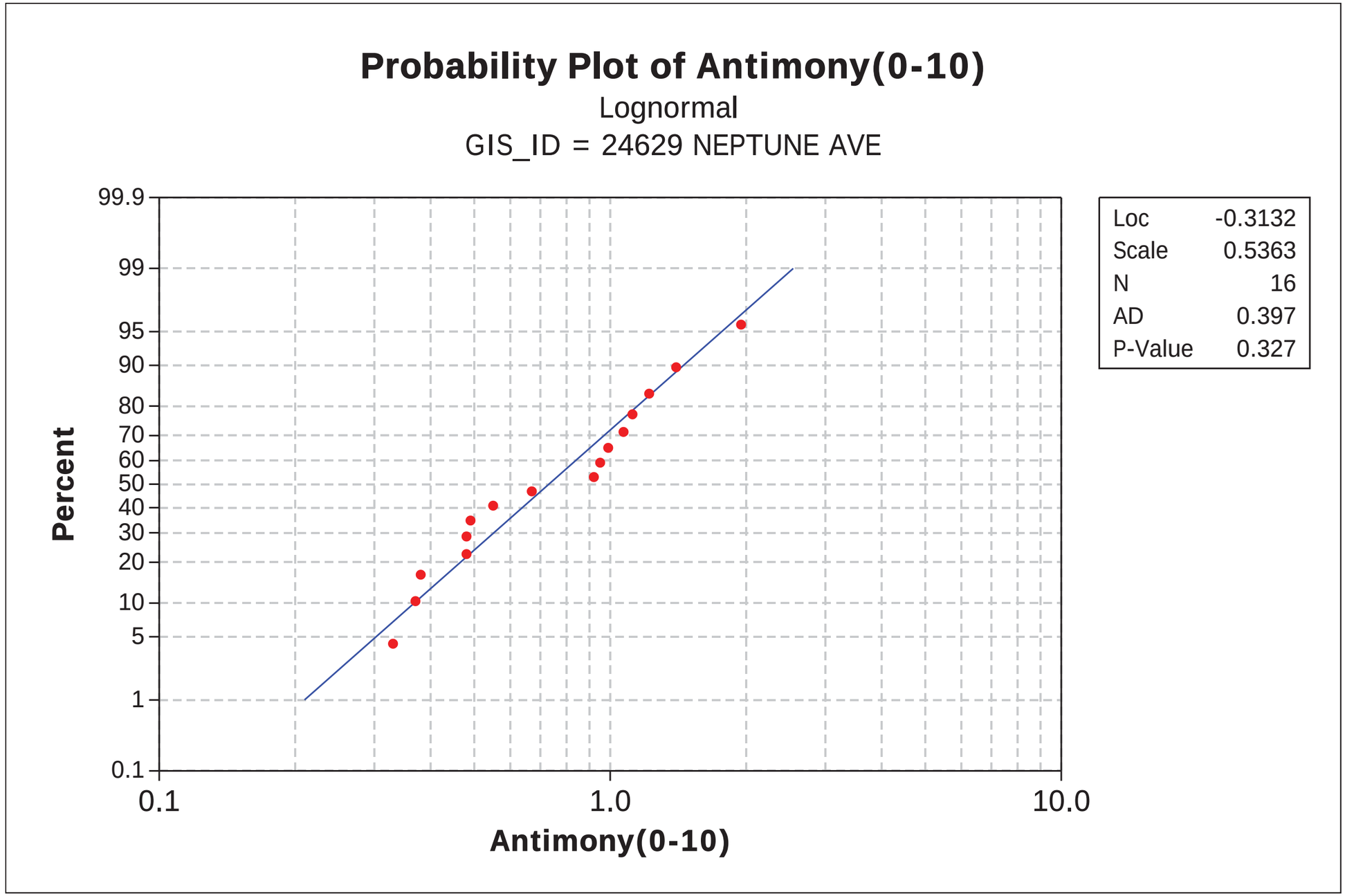

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24608 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.3643
Scale 0.4610
N 12
AD 0.169
P-Value 0.912

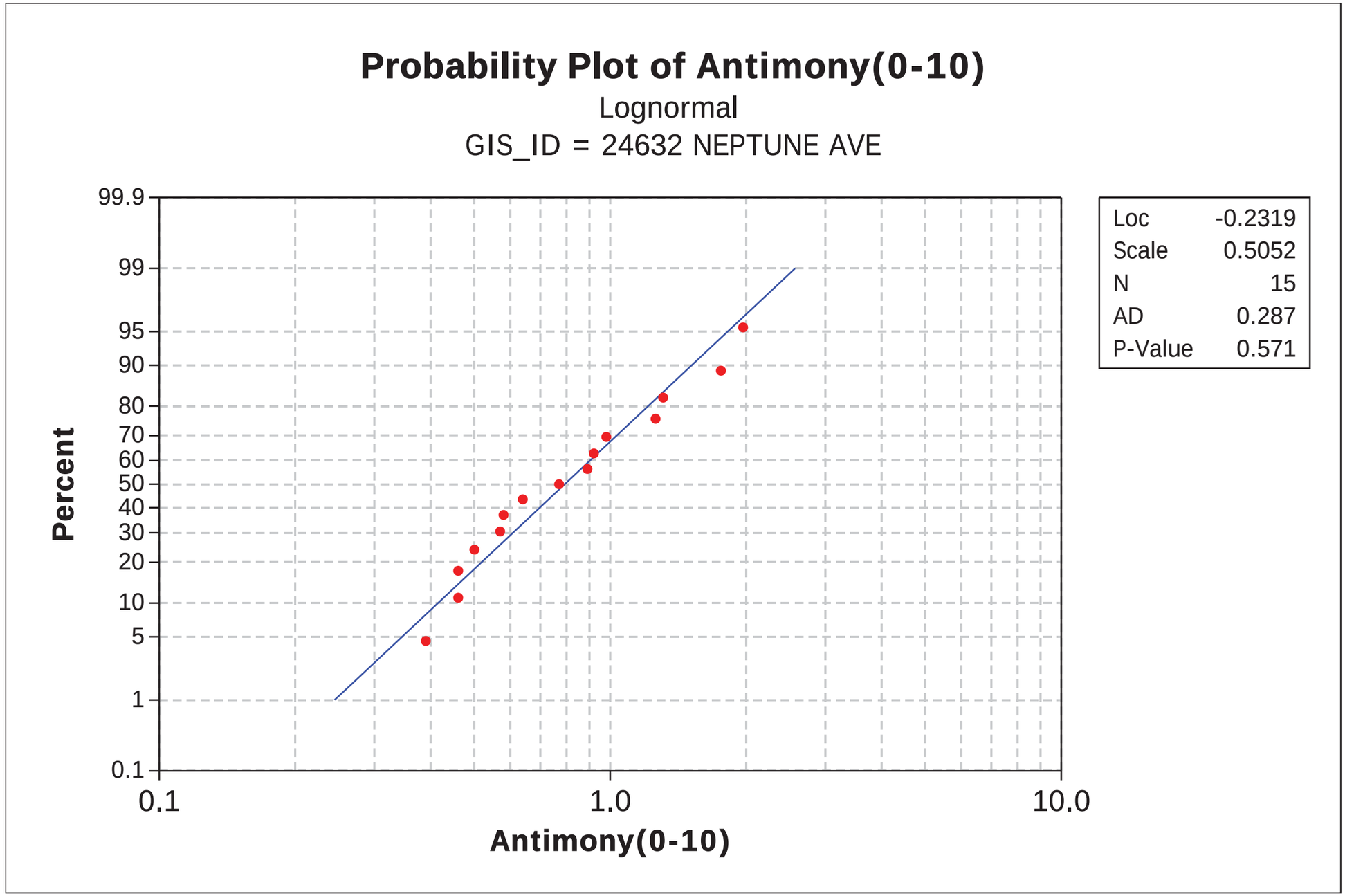

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24609 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.04238
Scale 0.5316
N 17
AD 0.555
P-Value 0.129

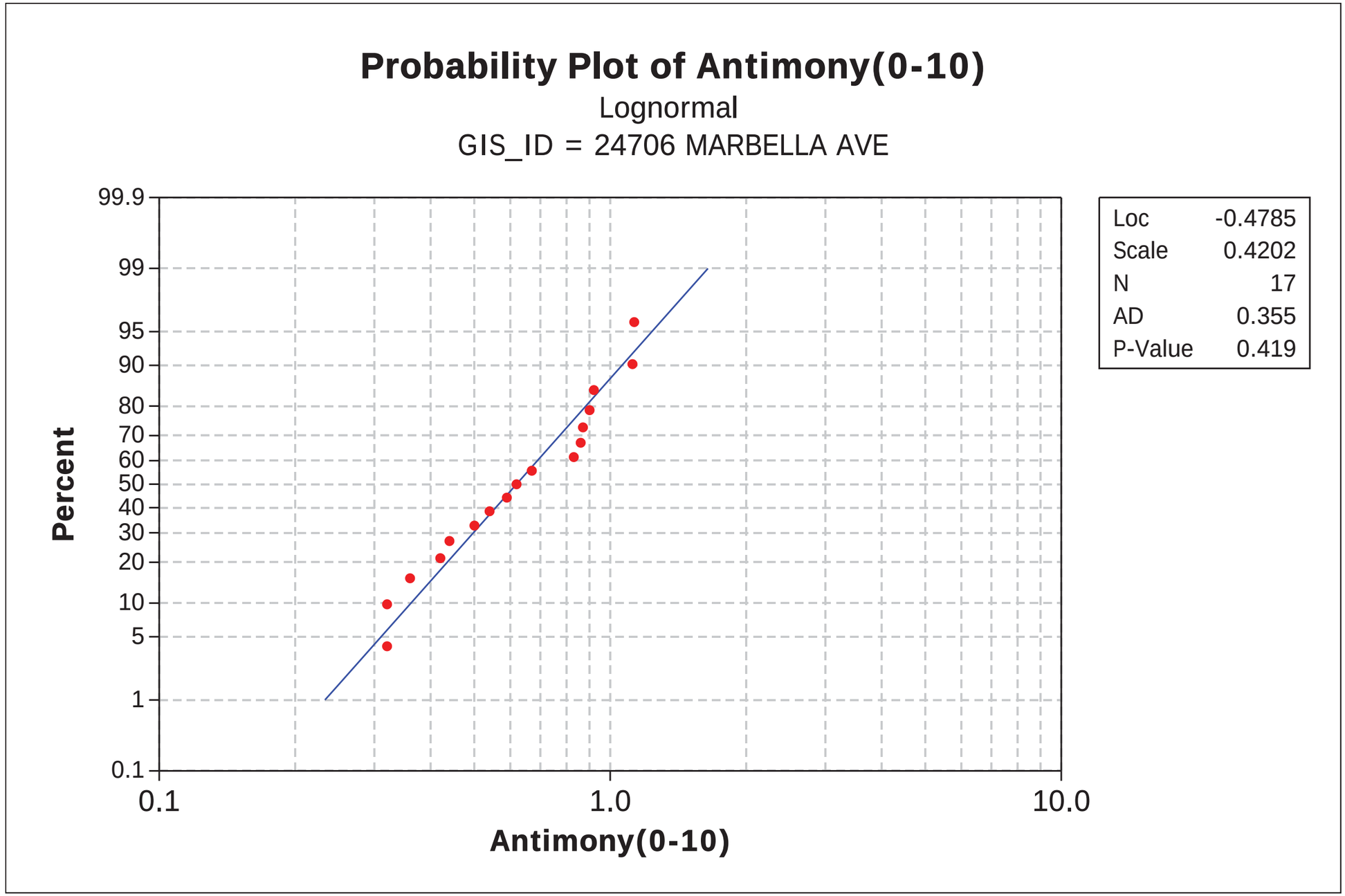

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24609 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.6585
Scale 0.3606
N 24
AD 0.611
P-Value 0.100

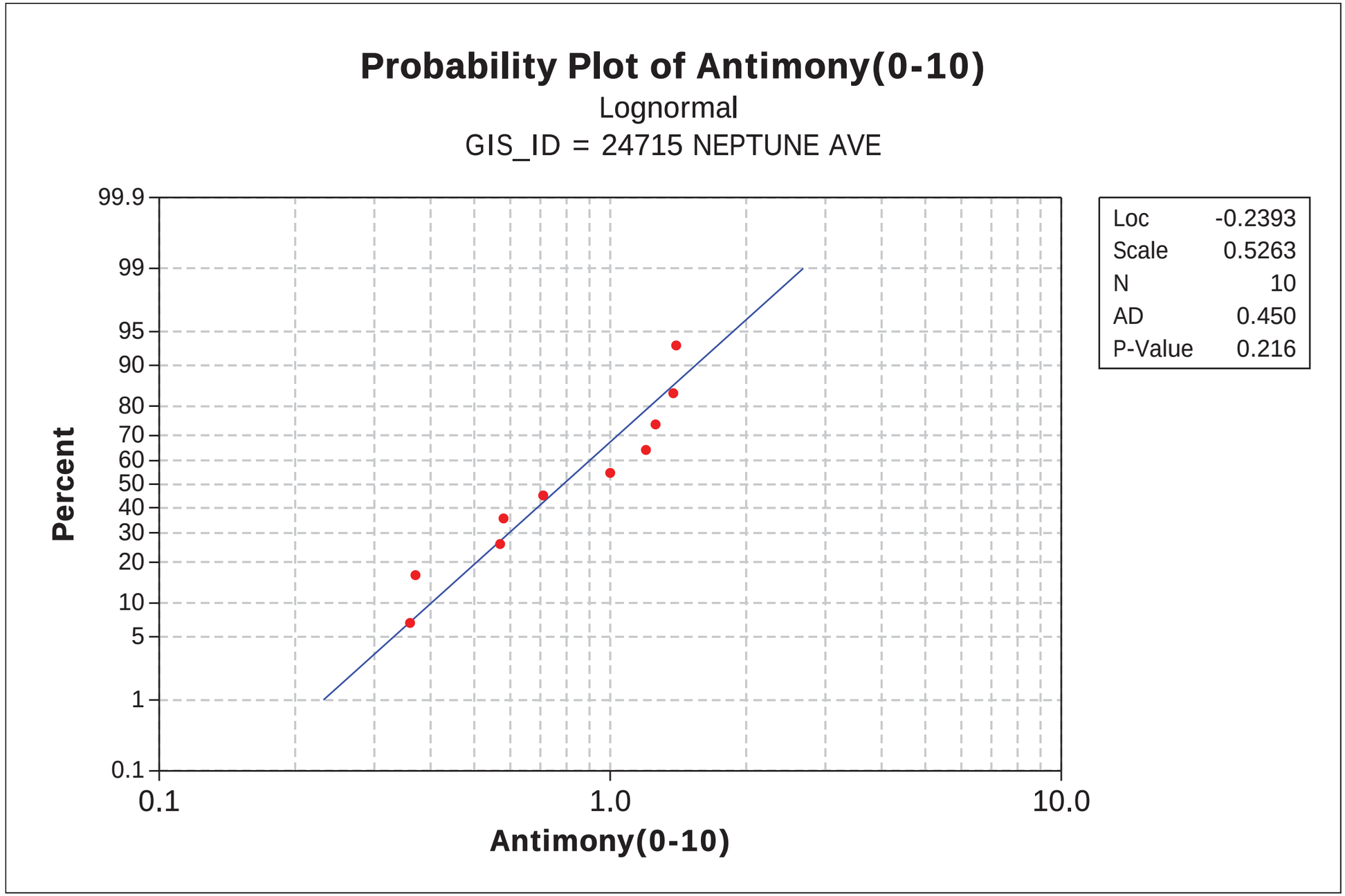

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24612 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.4637
Scale 0.4814
N 18
AD 0.407
P-Value 0.313

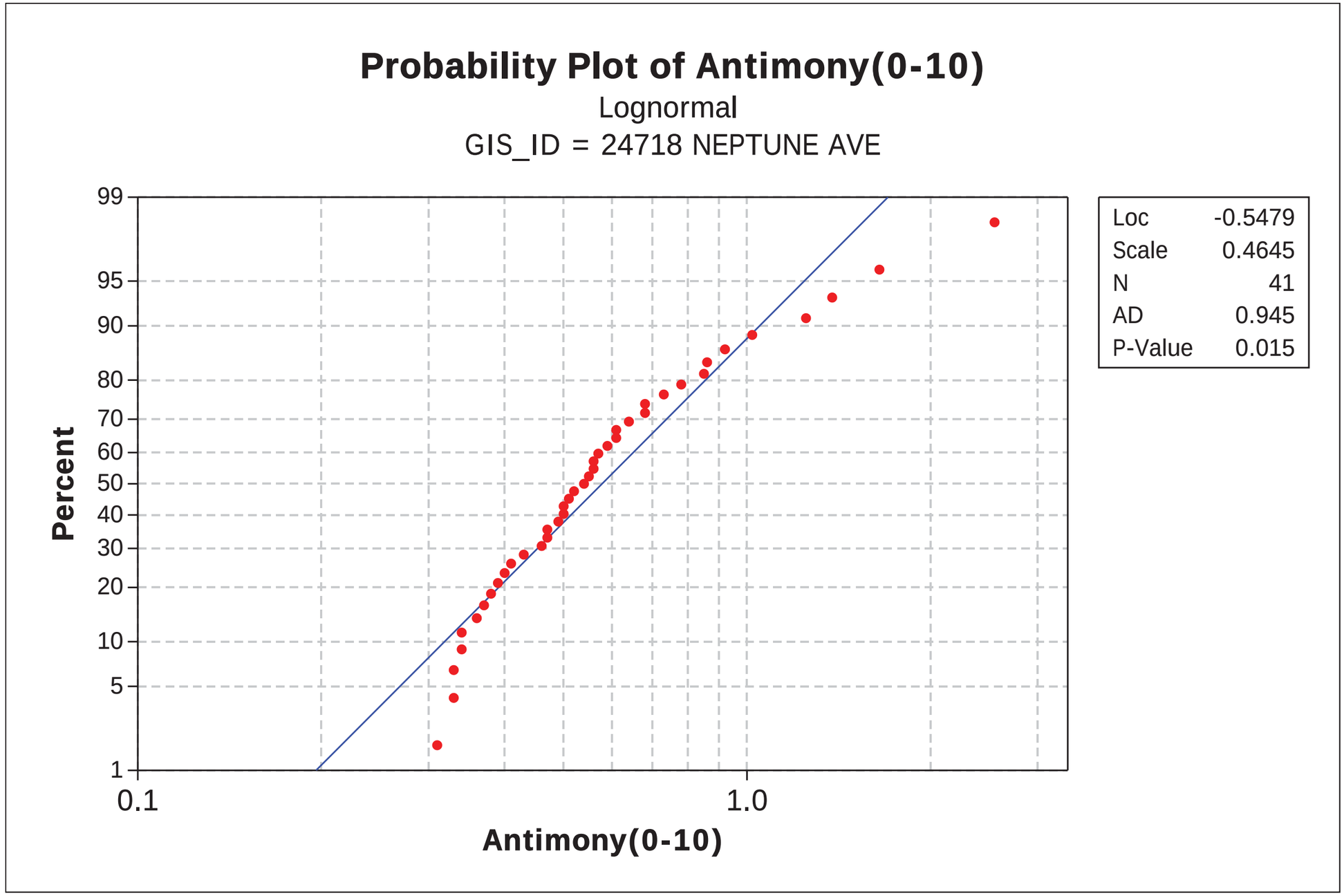

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24627 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 0.2836
Scale 0.6228
N 15
AD 0.673
P-Value 0.063

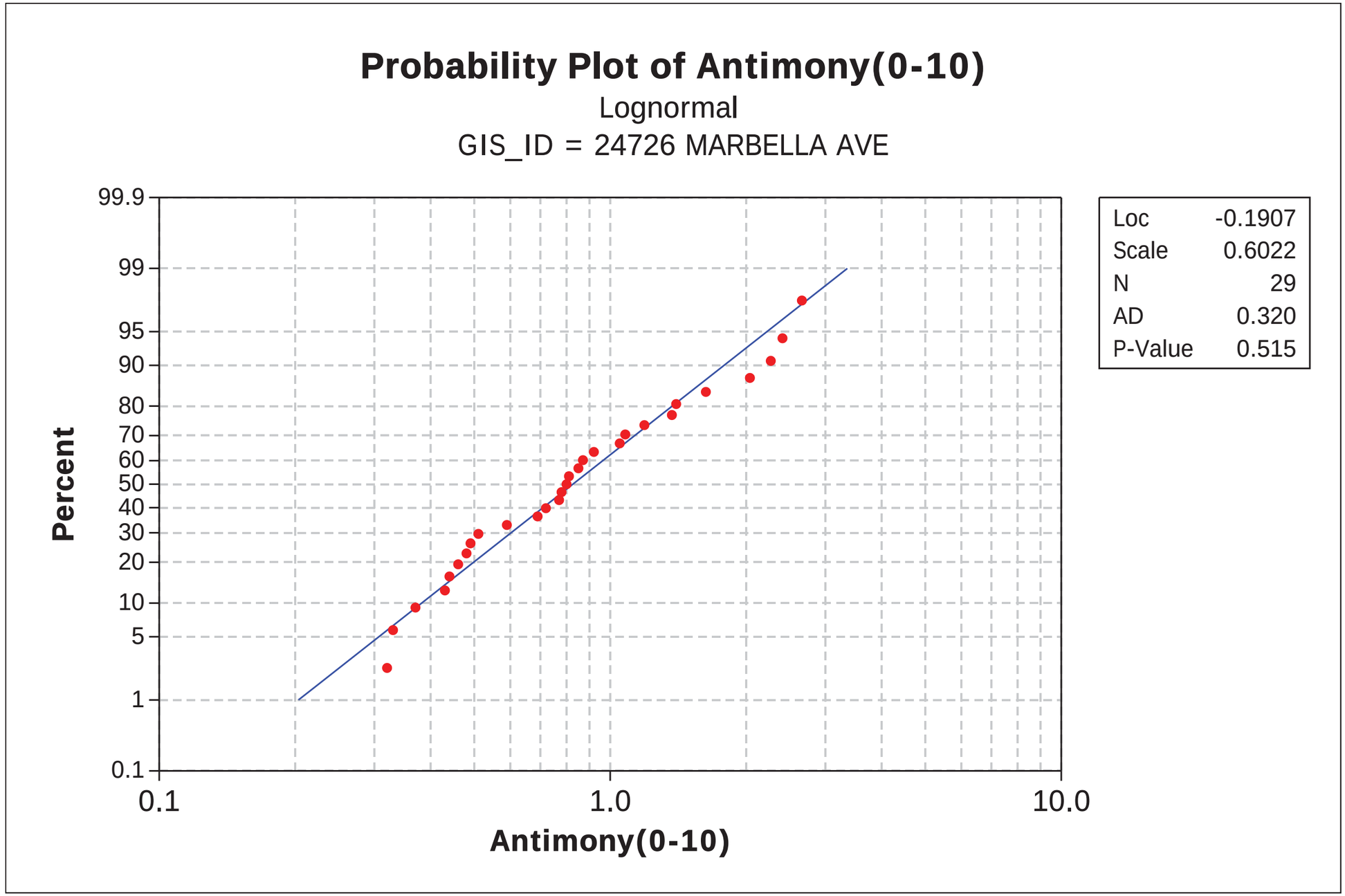

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24629 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.3132
Scale 0.5363
N 16
AD 0.397
P-Value 0.327

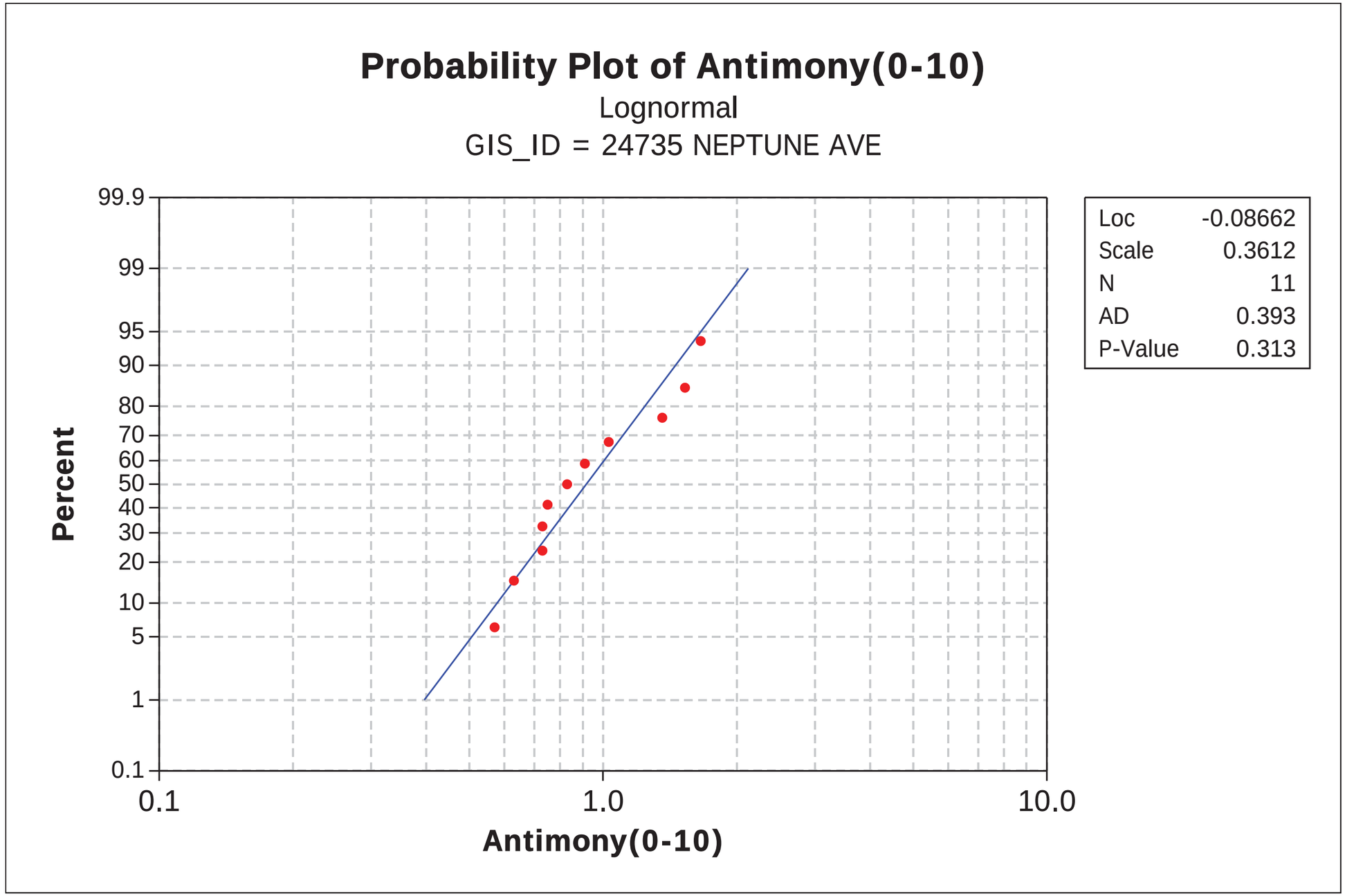

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24632 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.2319
Scale 0.5052
N 15
AD 0.287
P-Value 0.571

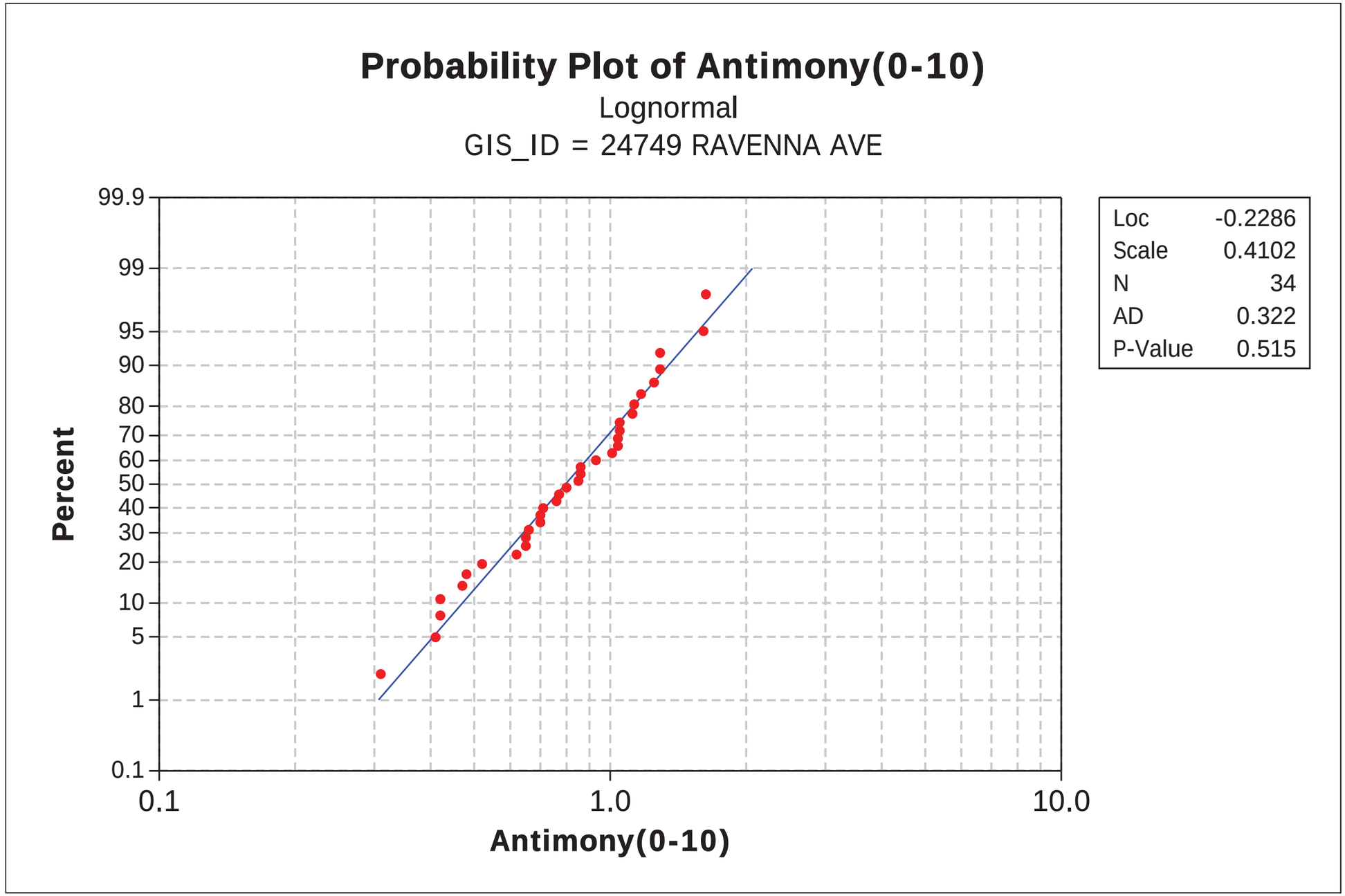

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24706 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.4785
Scale 0.4202
N 17
AD 0.355
P-Value 0.419

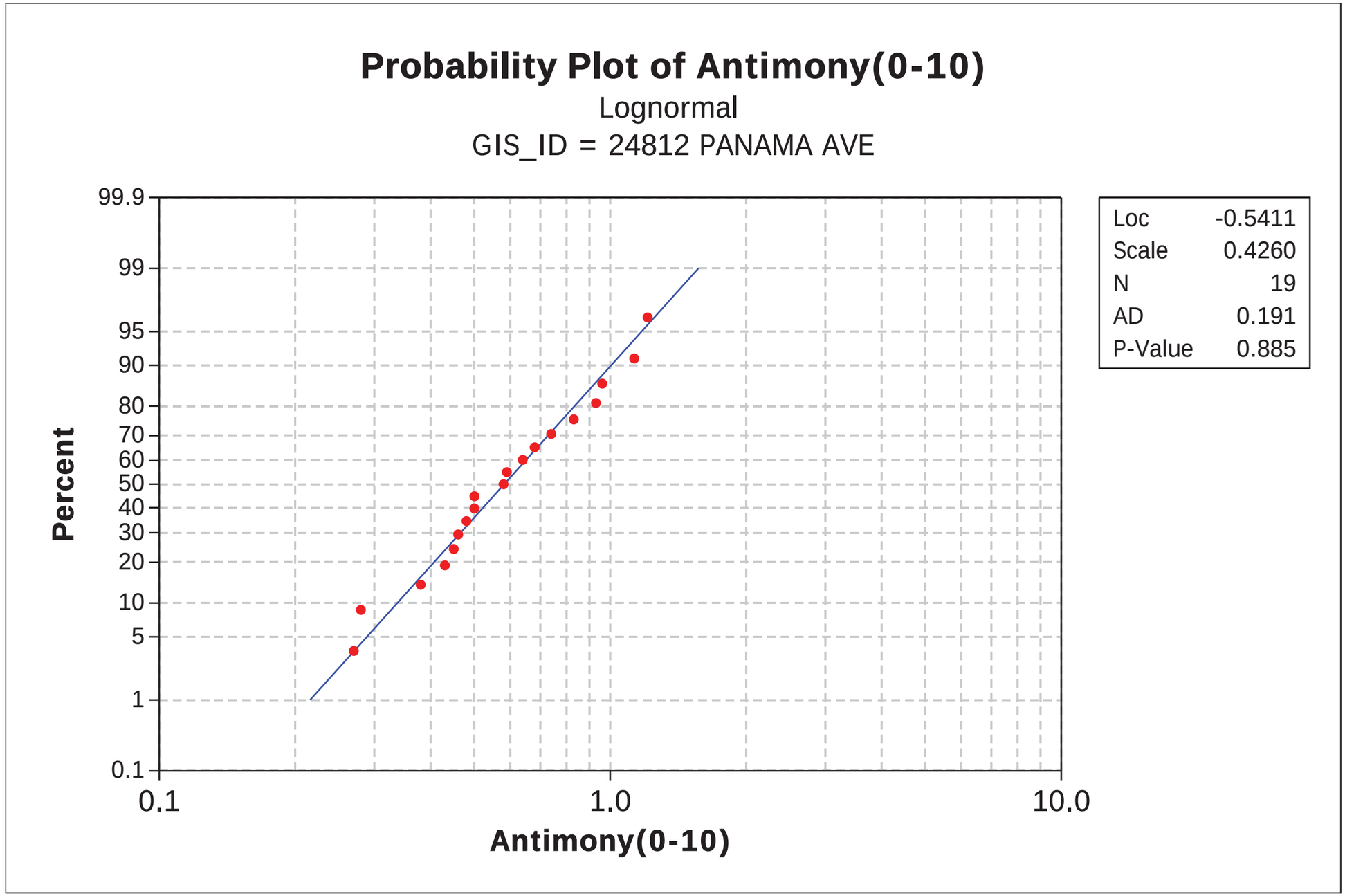

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24715 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.2393
Scale 0.5263
N 10
AD 0.450
P-Value 0.216

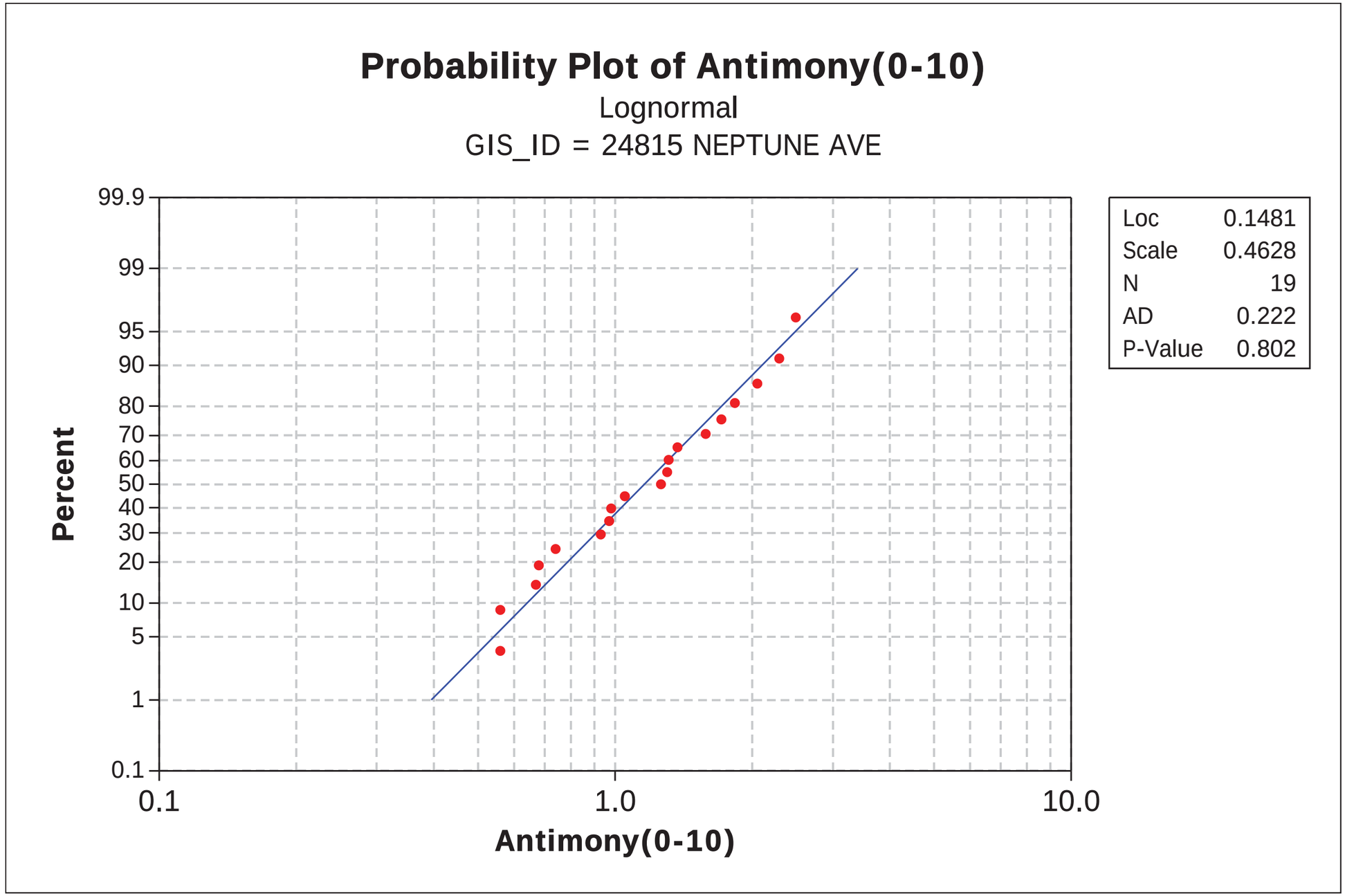

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24718 NEPTUNE AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
1.0
Antimony(0-10)
Loc -0.5479
Scale 0.4645
N 41
AD 0.945
P-Value 0.015

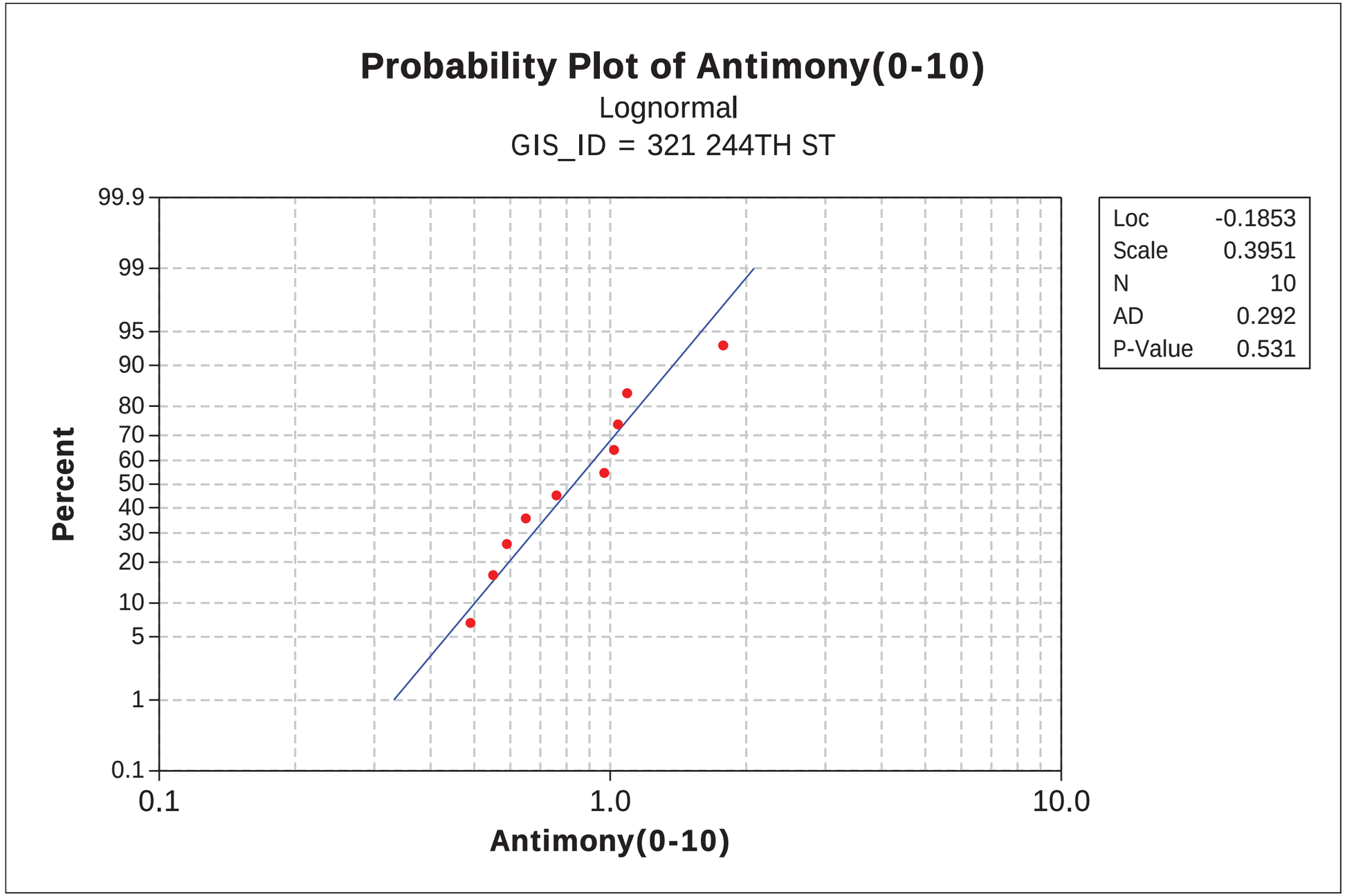

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24726 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.1907
Scale 0.6022
N 29
AD 0.320
P-Value 0.515

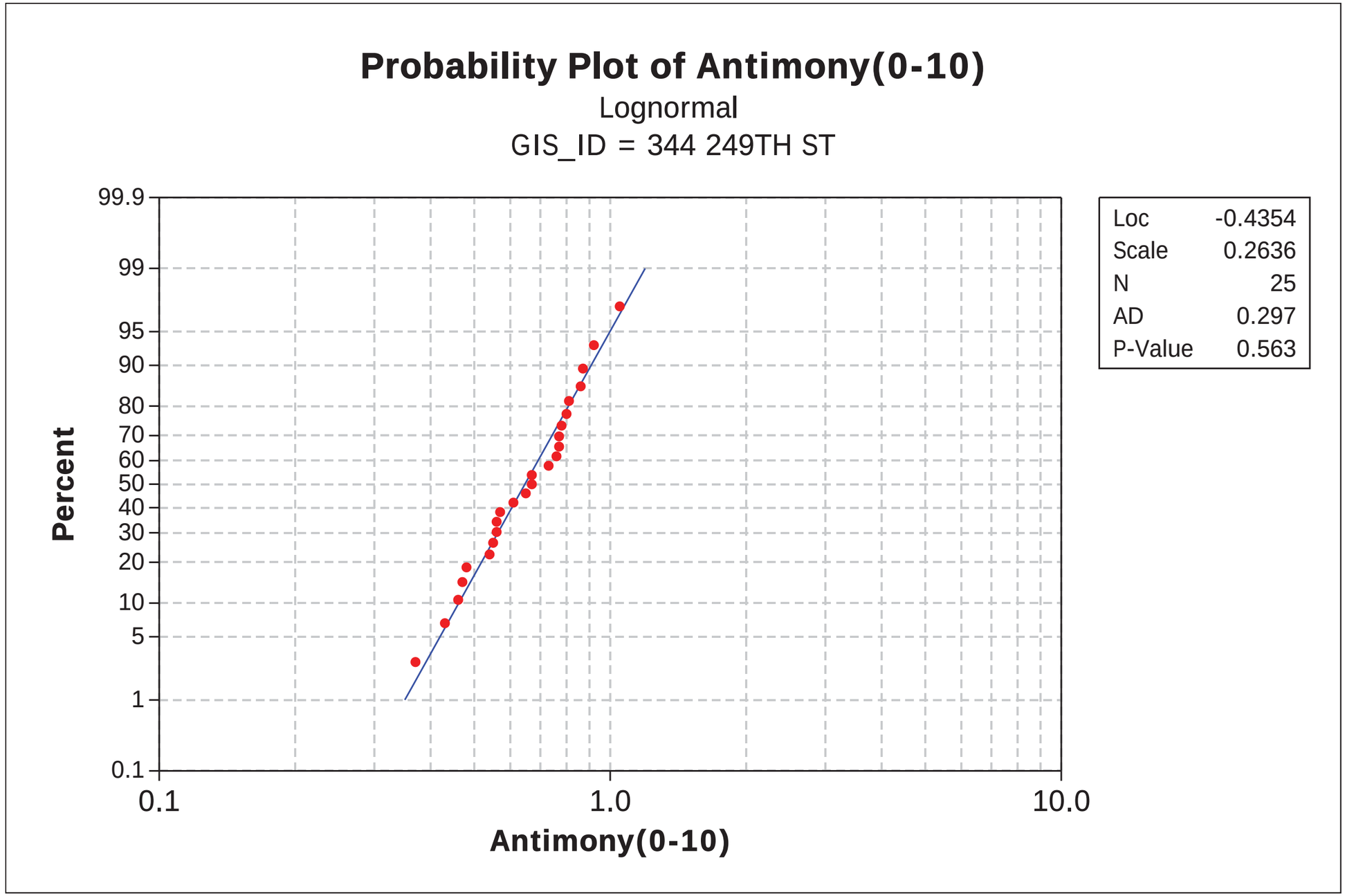

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24735 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.08662
Scale 0.3612
N 11
AD 0.393
P-Value 0.313

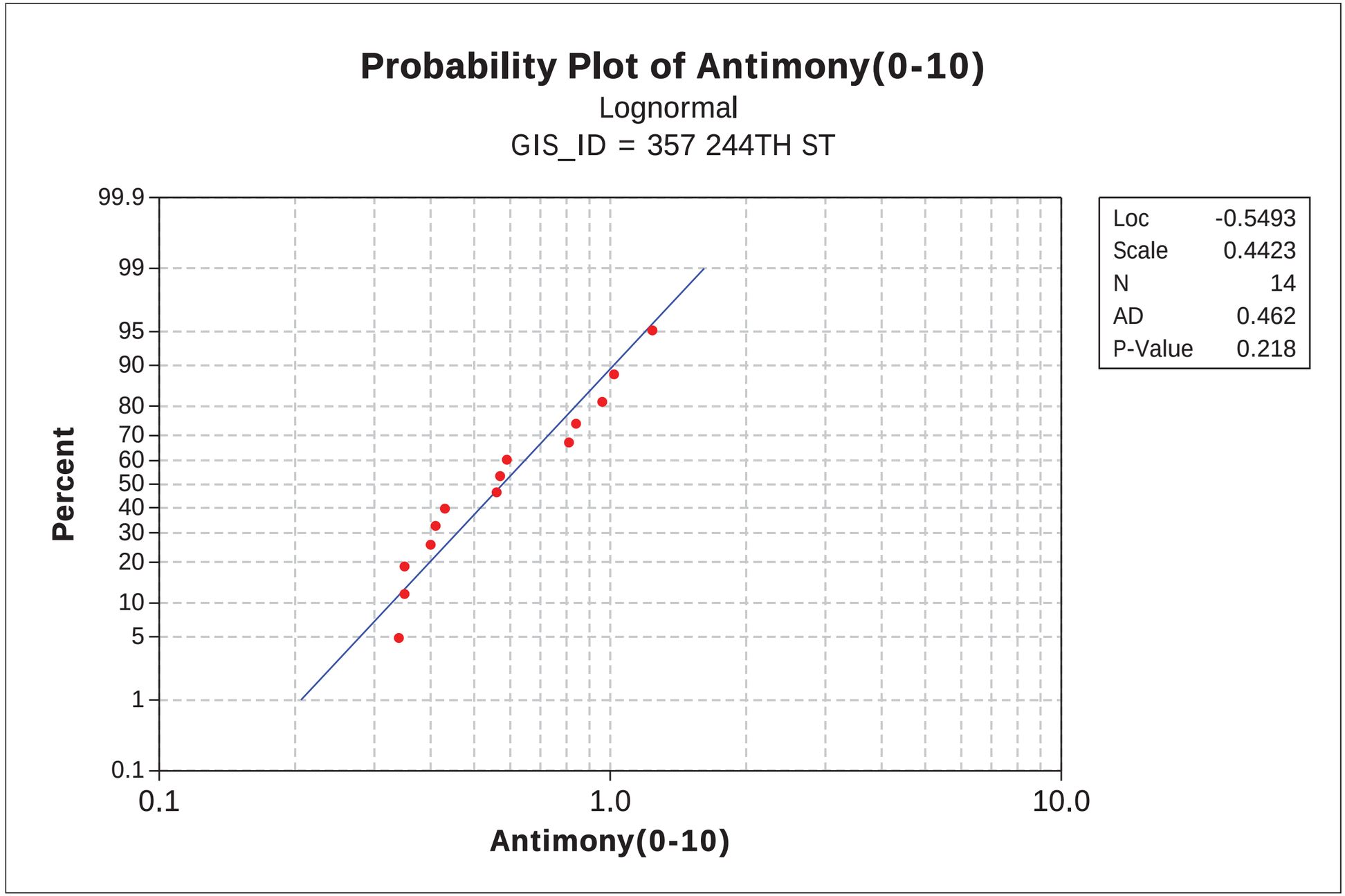

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24749 RAVENNA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.2286
Scale 0.4102
N 34
AD 0.322
P-Value 0.515

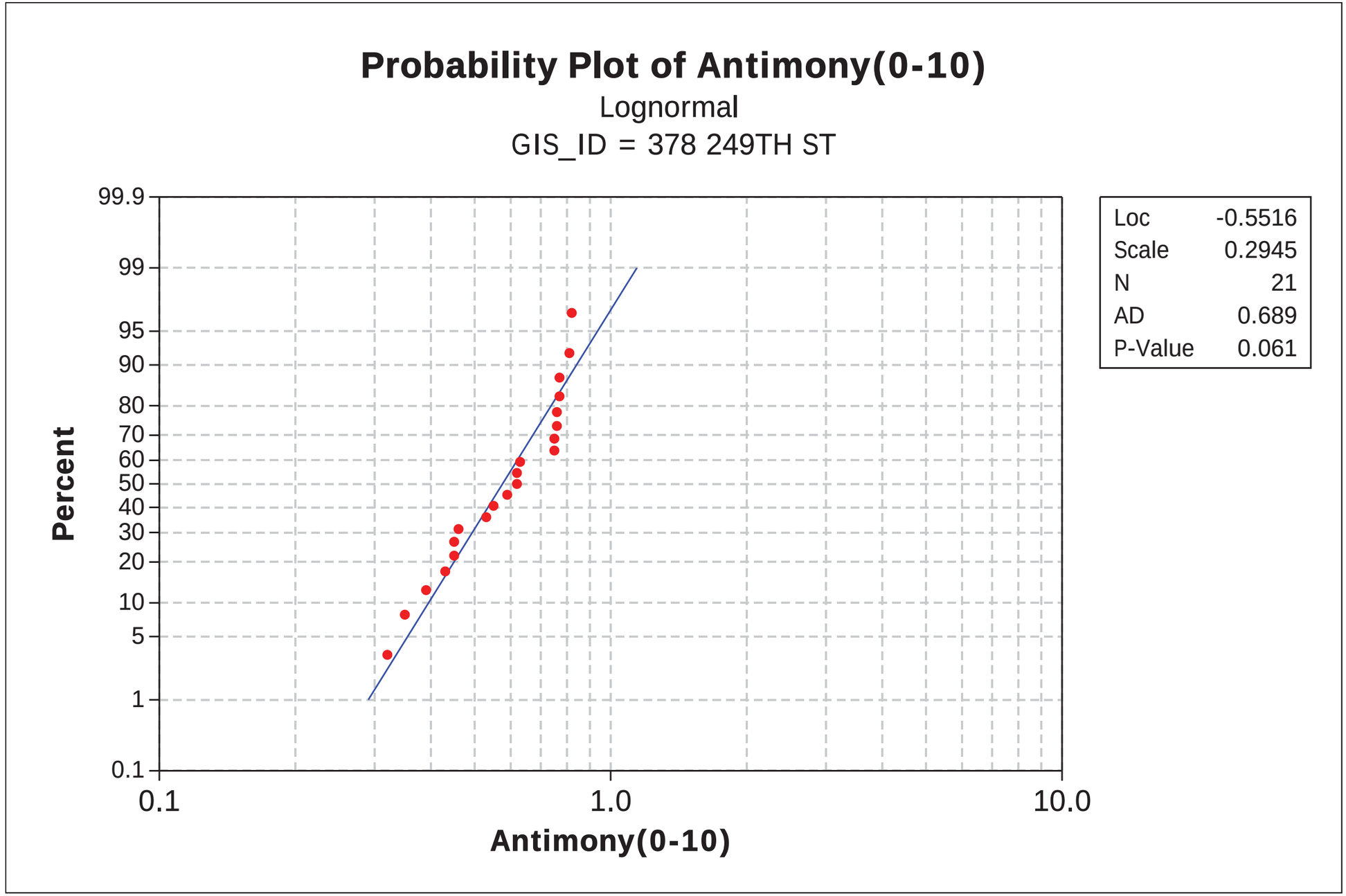

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24812 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.5411
Scale 0.4260
N 19
AD 0.191
P-Value 0.885


Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 24815 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc 0.1481
Scale 0.4628
N 19
AD 0.222
P-Value 0.802


Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 321 244TH ST
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.1853
Scale 0.3951
N 10
AD 0.292
P-Value 0.531

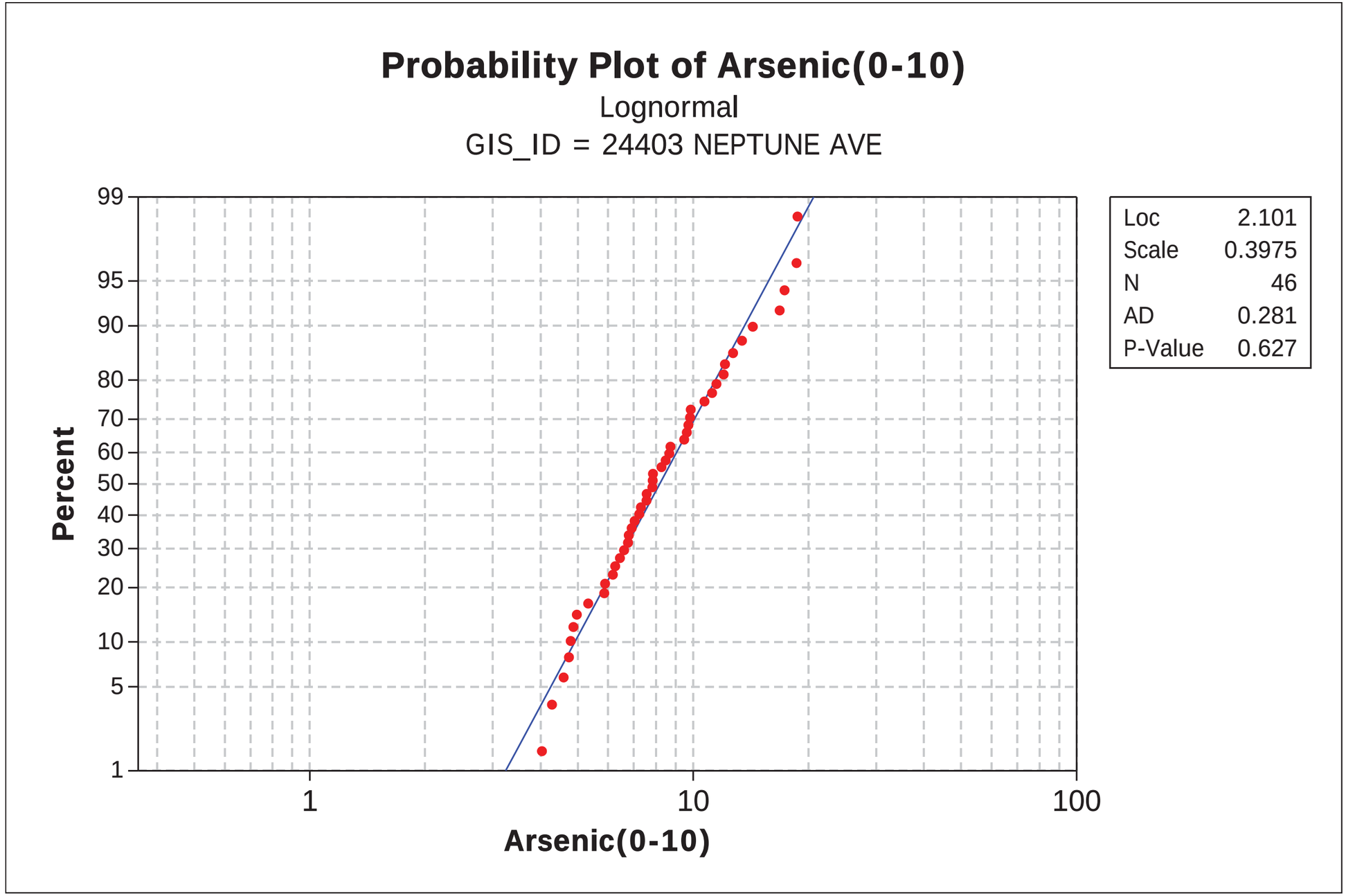

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 344 249TH ST
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.4354
Scale 0.2636
N 25
AD 0.297
P-Value 0.563

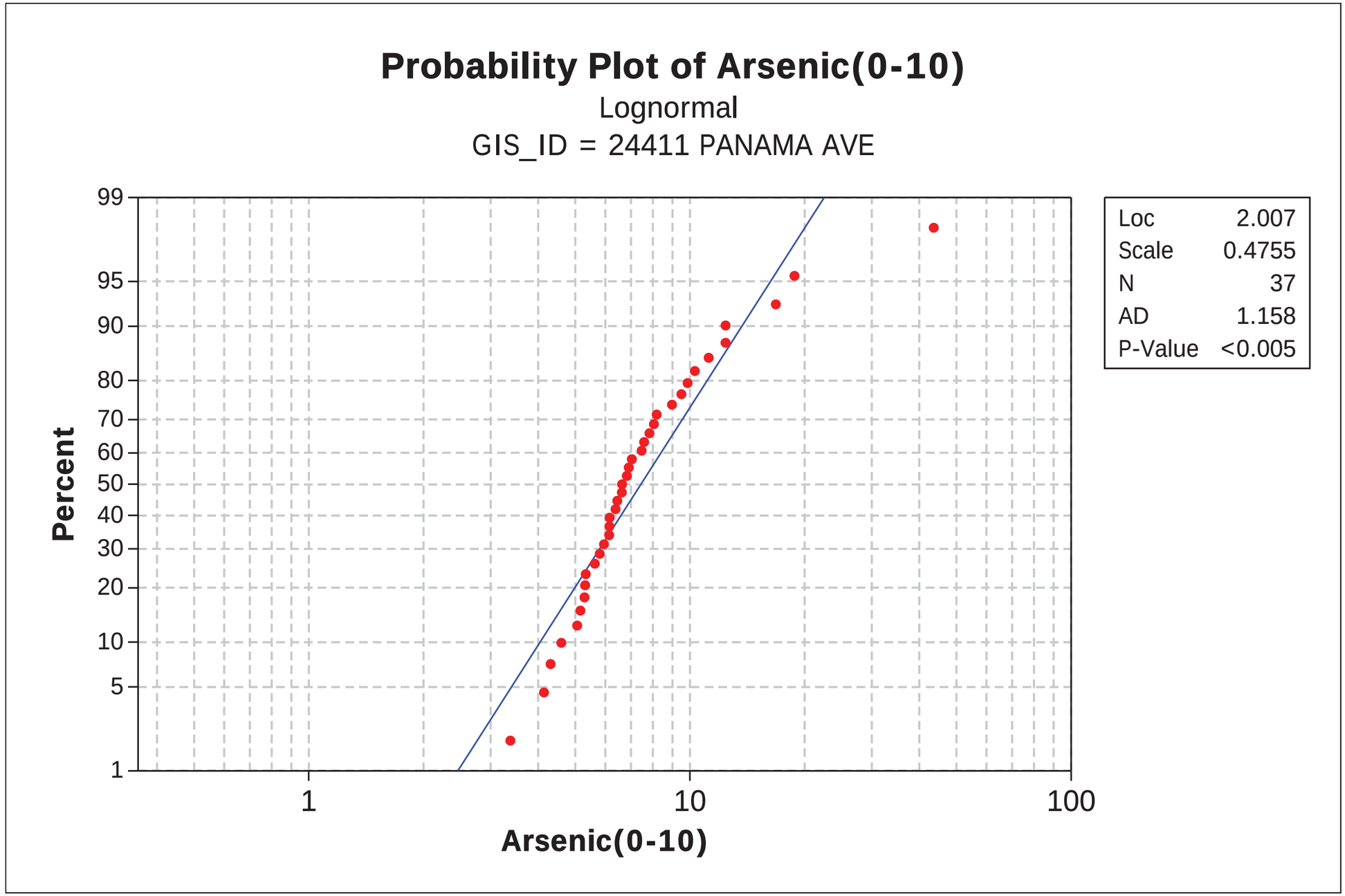

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 357 244TH ST
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.5493
Scale 0.4423
N 14
AD 0.462
P-Value 0.218

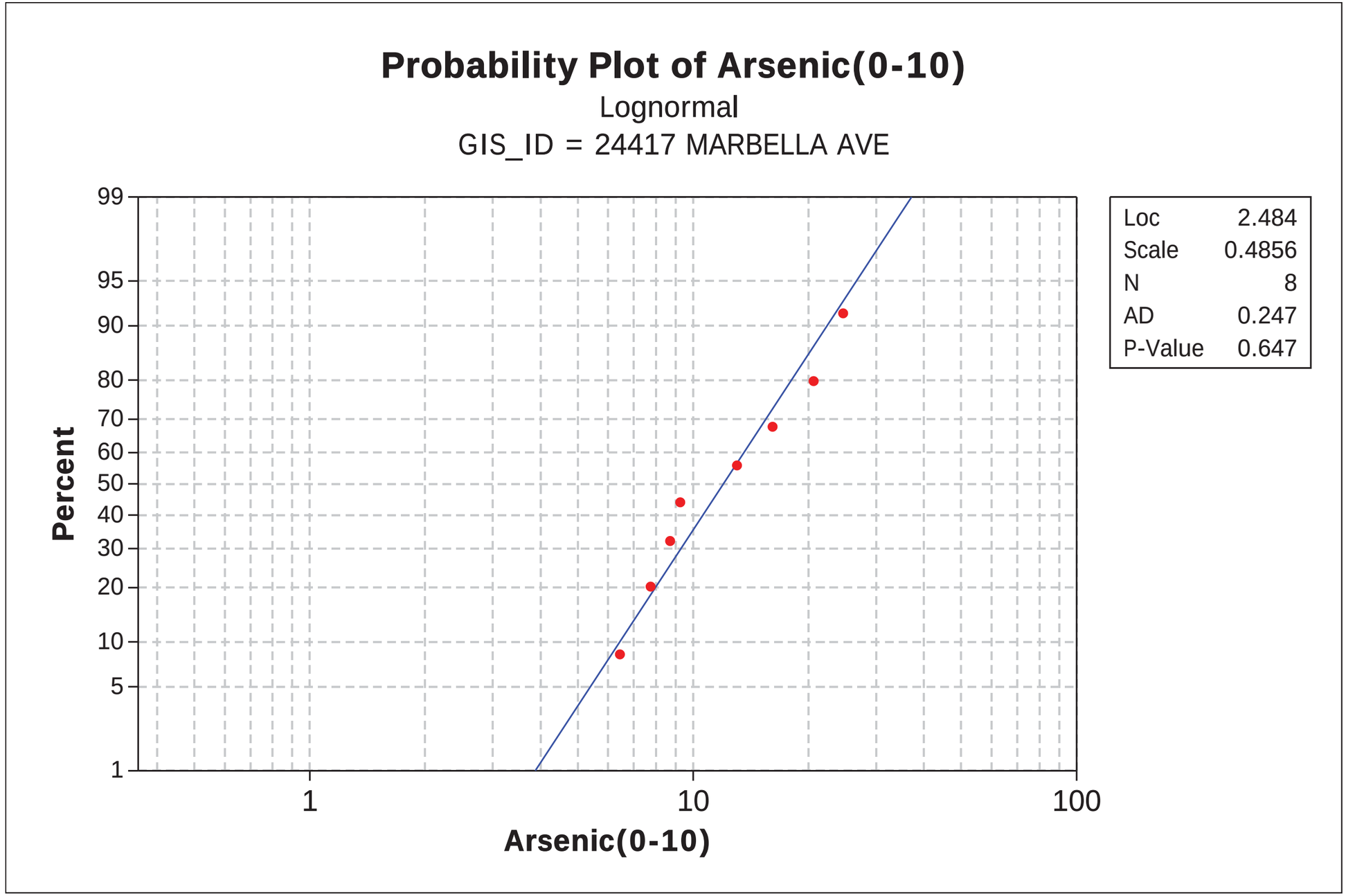

Probability Plot of Antimony(0-10)
Lognormal
GIS_ID = 378 249TH ST
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Antimony(0-10)
Loc -0.5516
Scale 0.2945
N 21
AD 0.689
P-Value 0.061

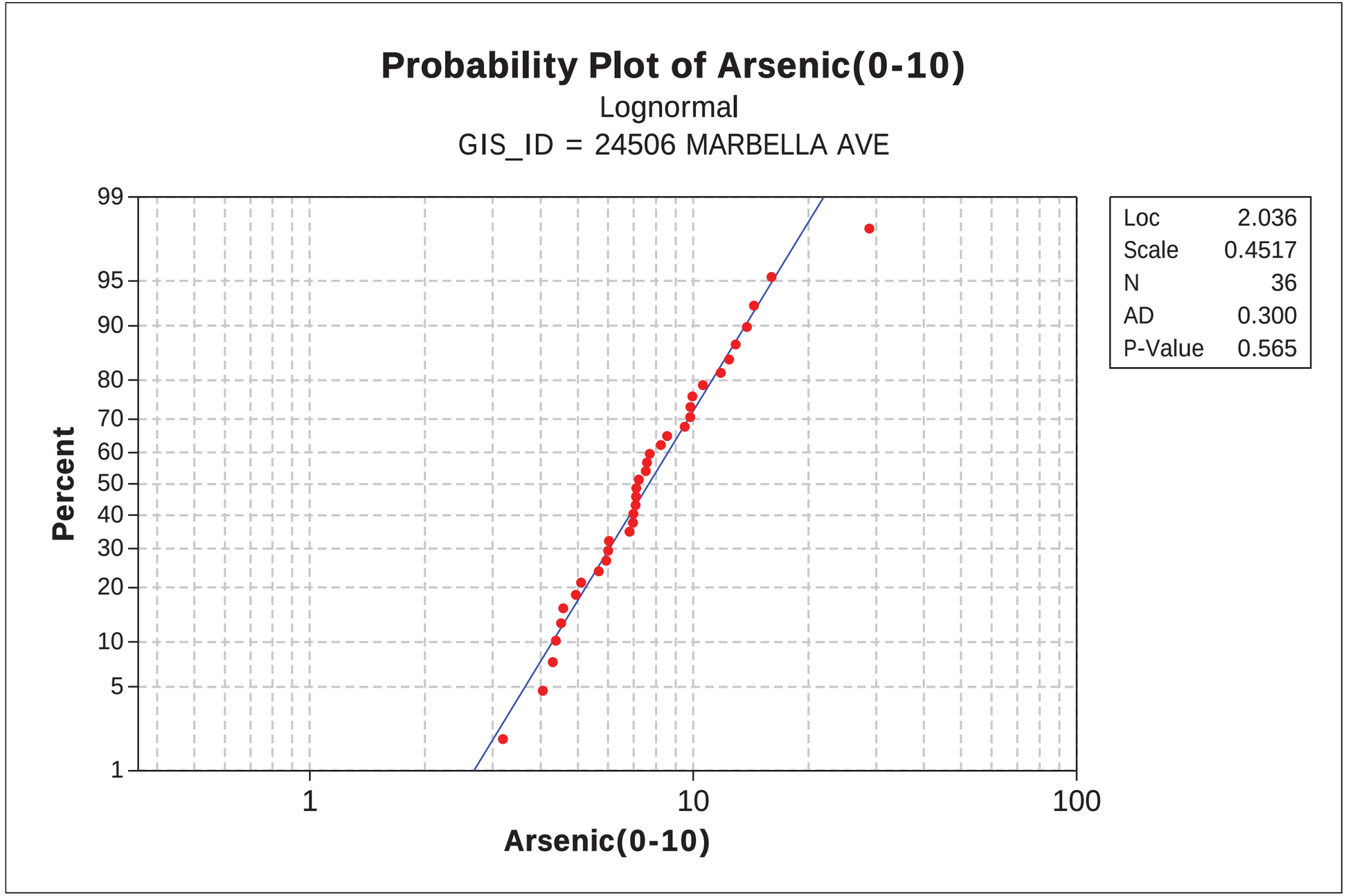
# APPENDIX 7.2

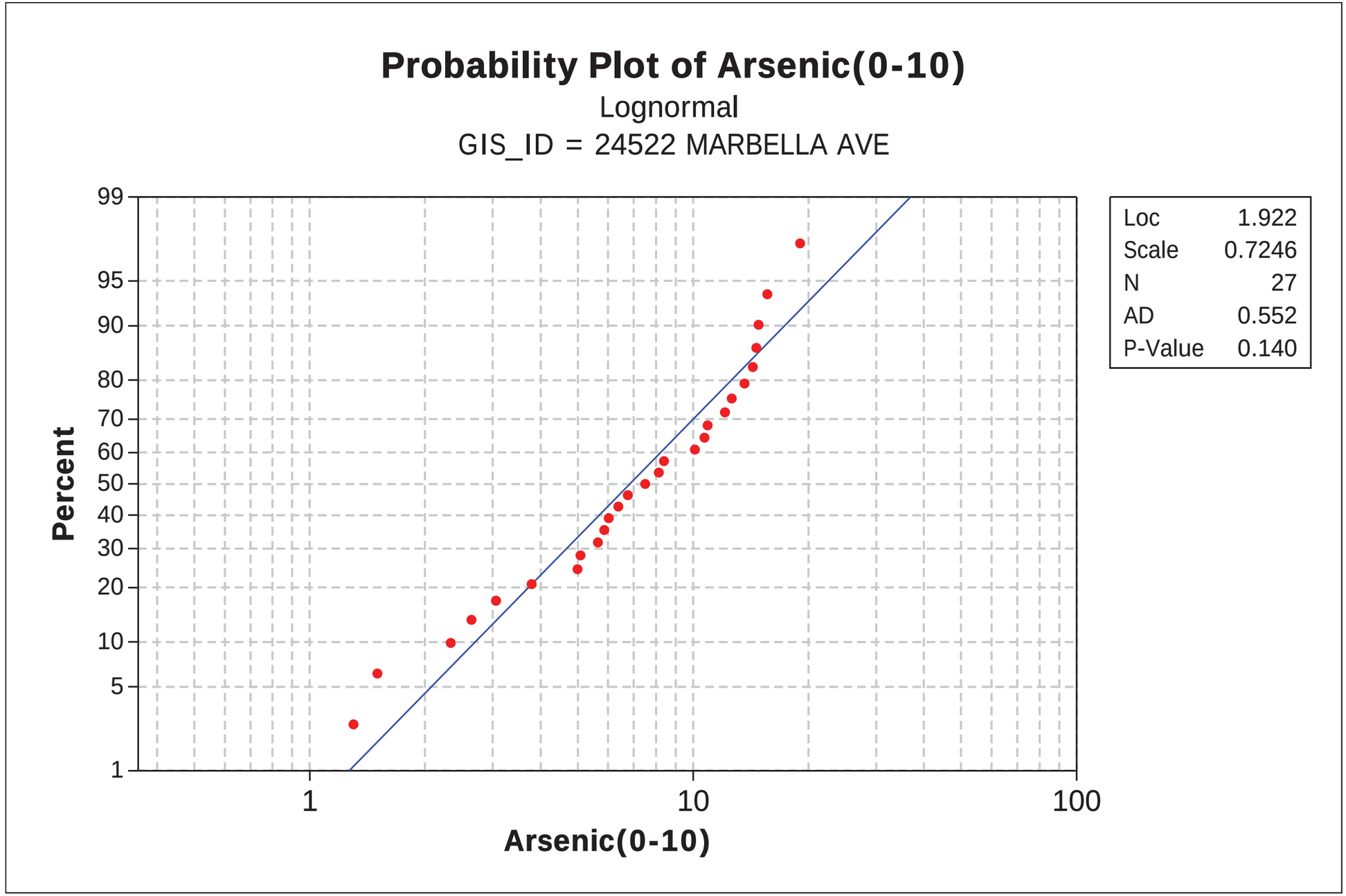
## Probability Plots of Arsenic

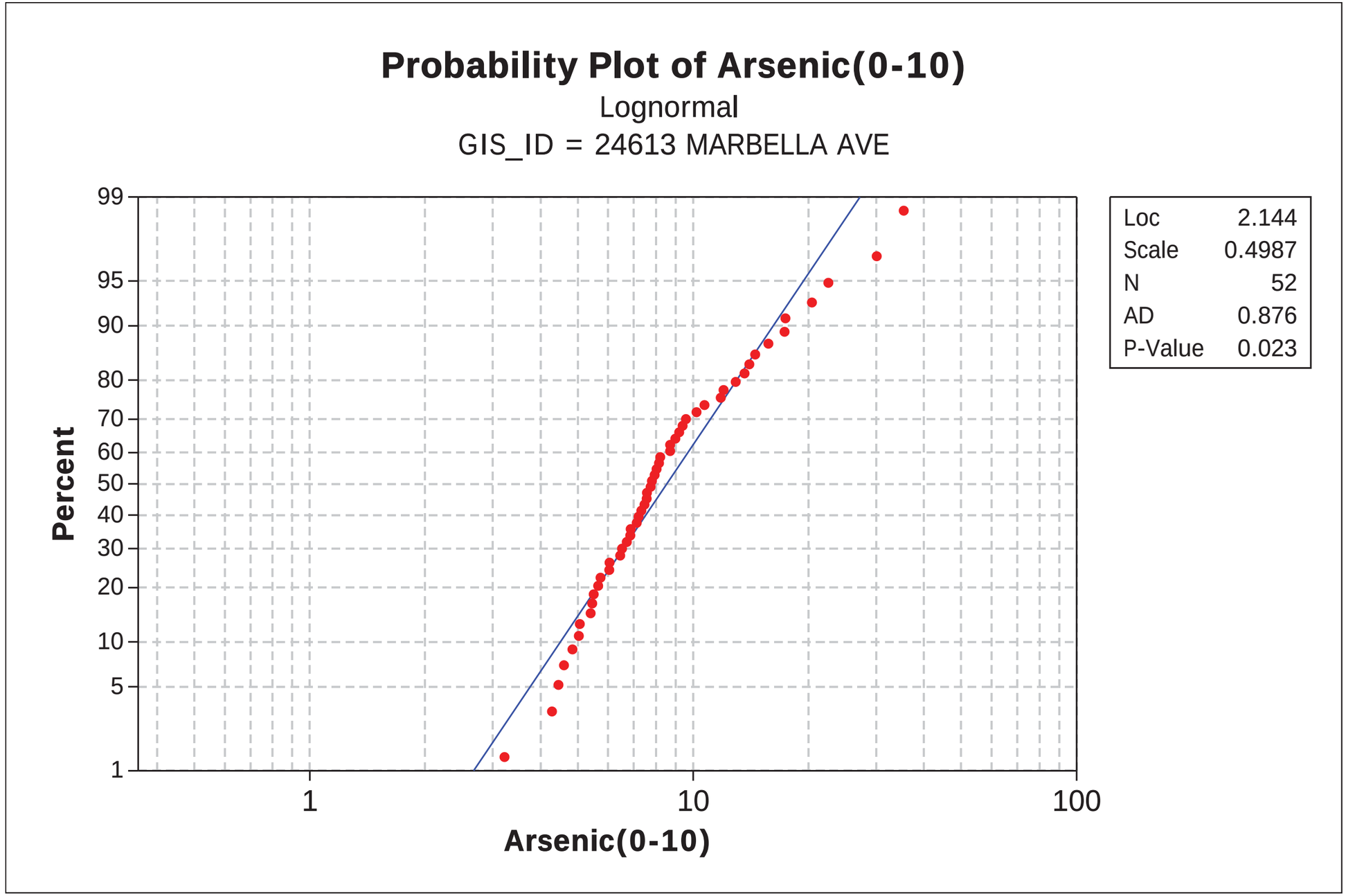

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24403 NEPTUNE AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 2.101
Scale 0.3975
N 46
AD 0.281
P-Value 0.627

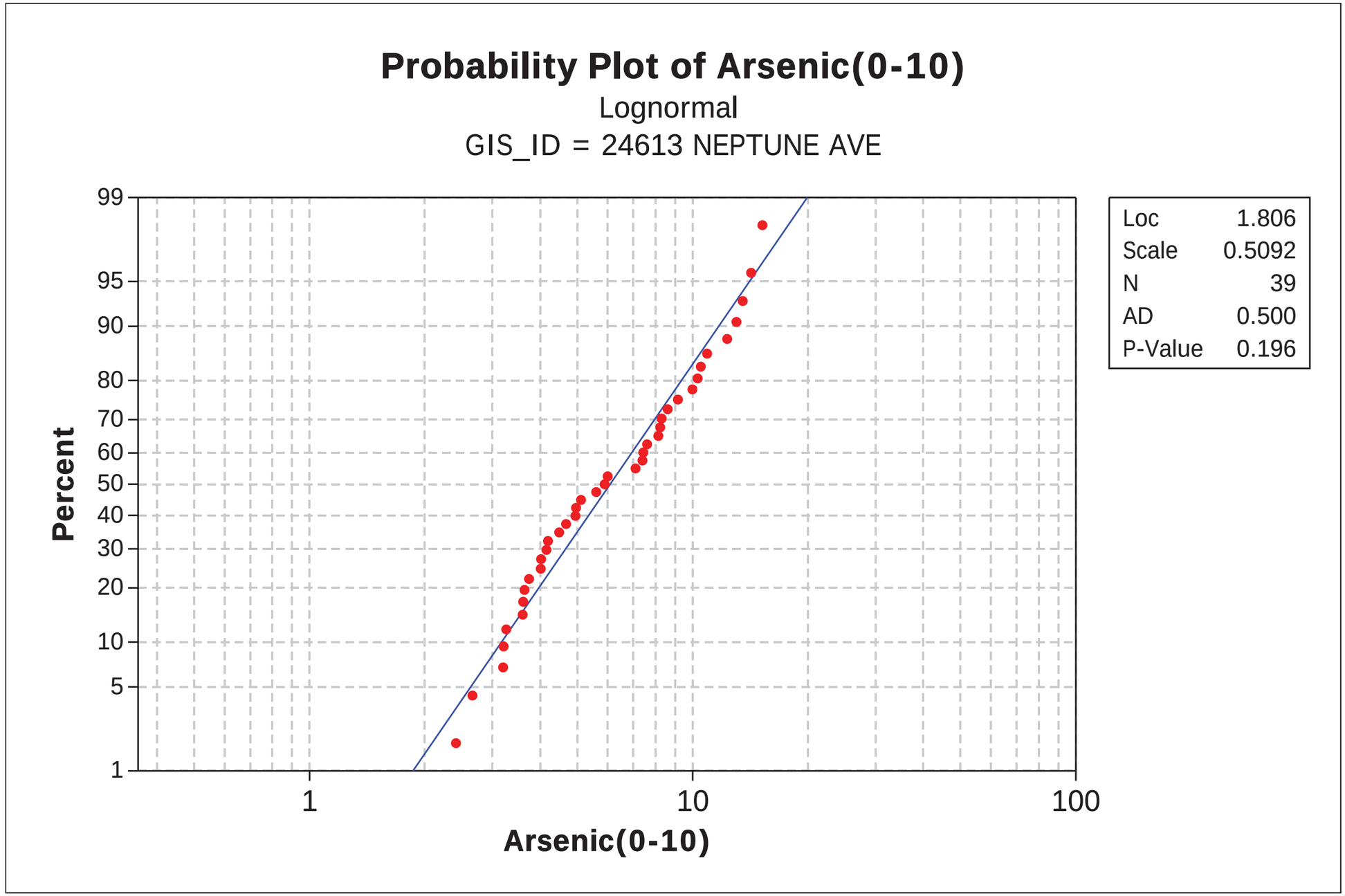

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24411 PANAMA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 2.007
Scale 0.4755
N 37
AD 1.158
P-Value <0.005

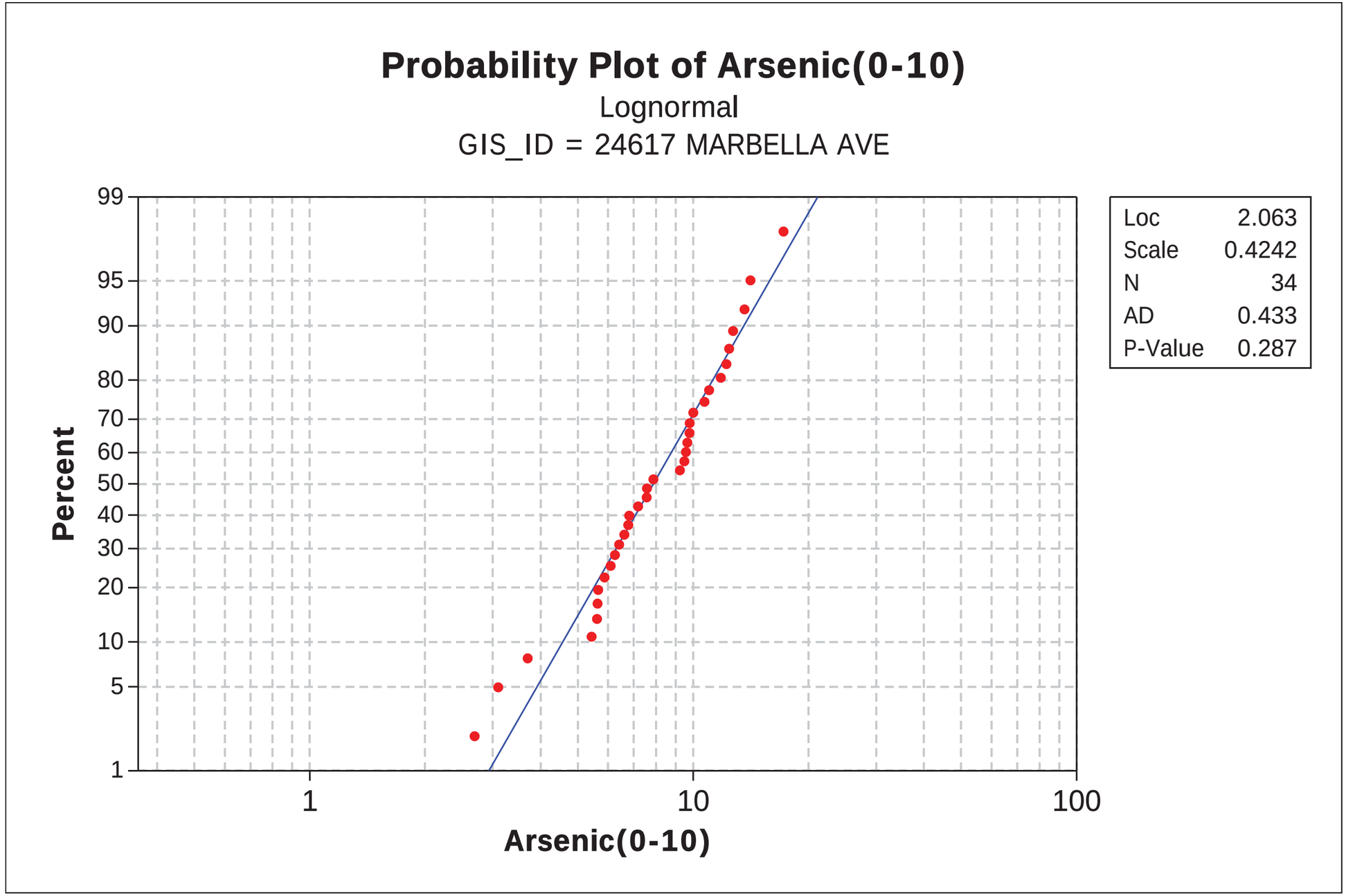

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24417 MARBELLA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 2.484
Scale 0.4856
N 8
AD 0.247
P-Value 0.647

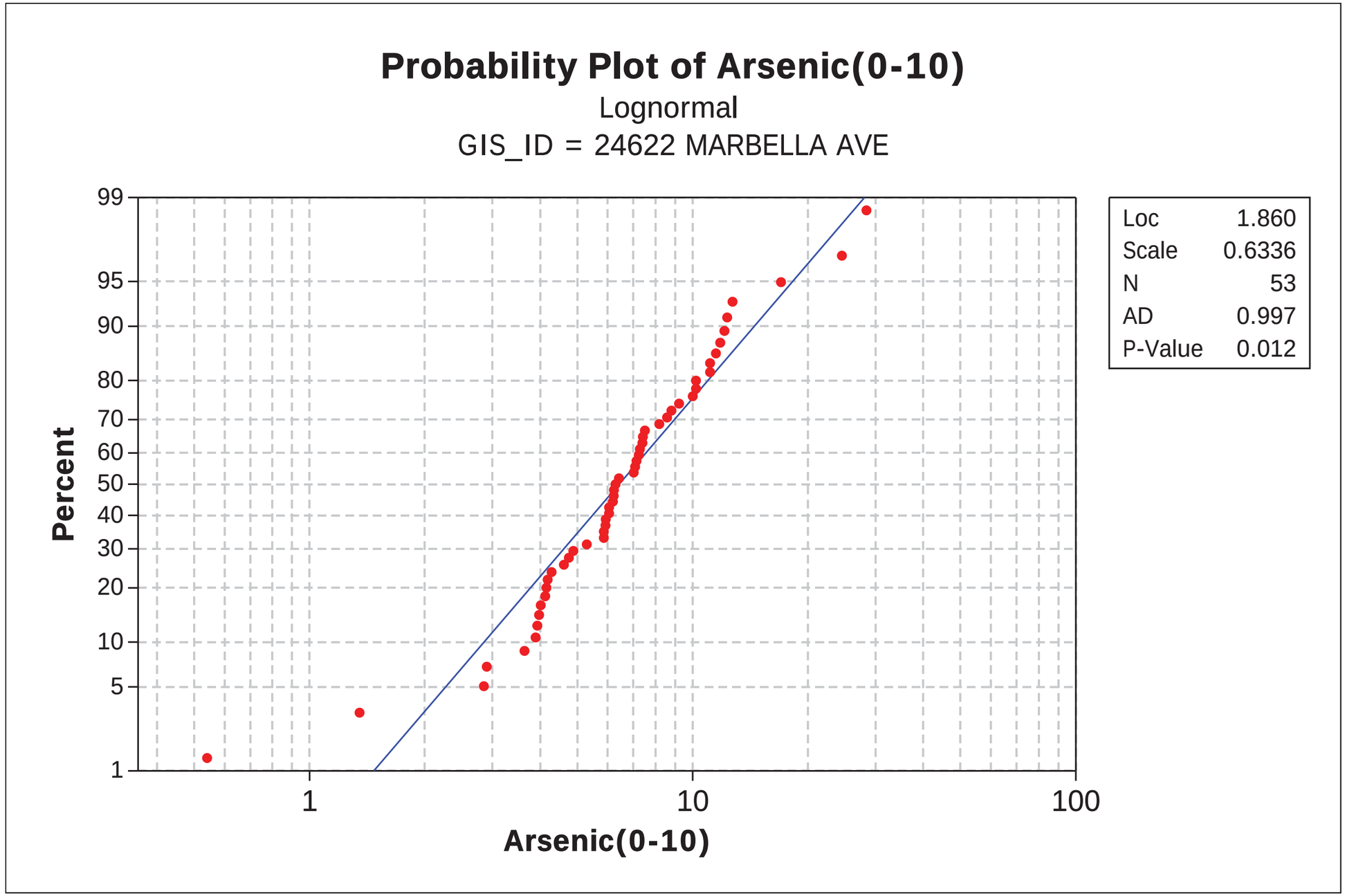

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24506 MARBELLA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 2.036
Scale 0.4517
N 36
AD 0.300
P-Value 0.565

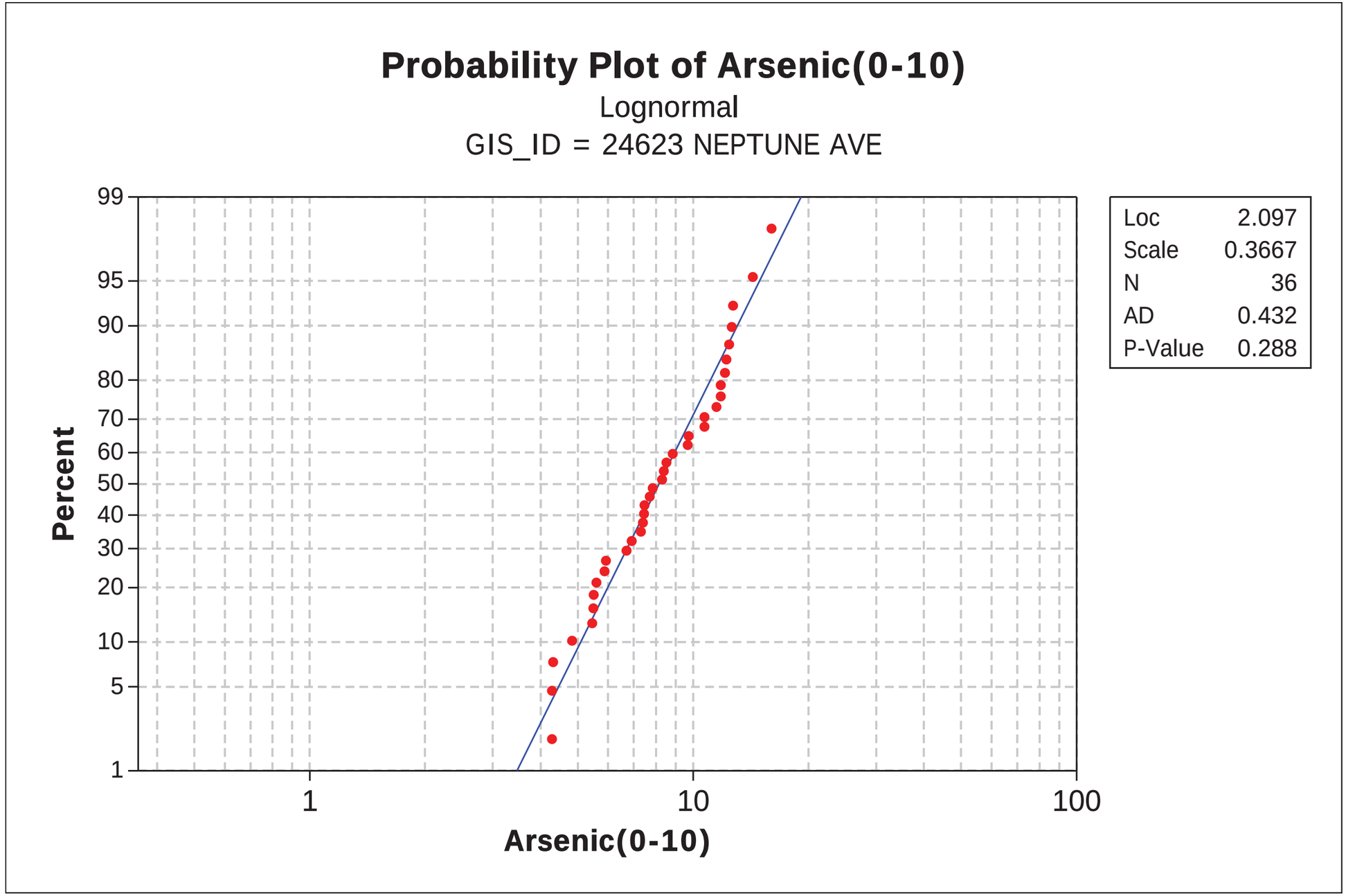

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24522 MARBELLA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 1.922
Scale 0.7246
N 27
AD 0.552
P-Value 0.140

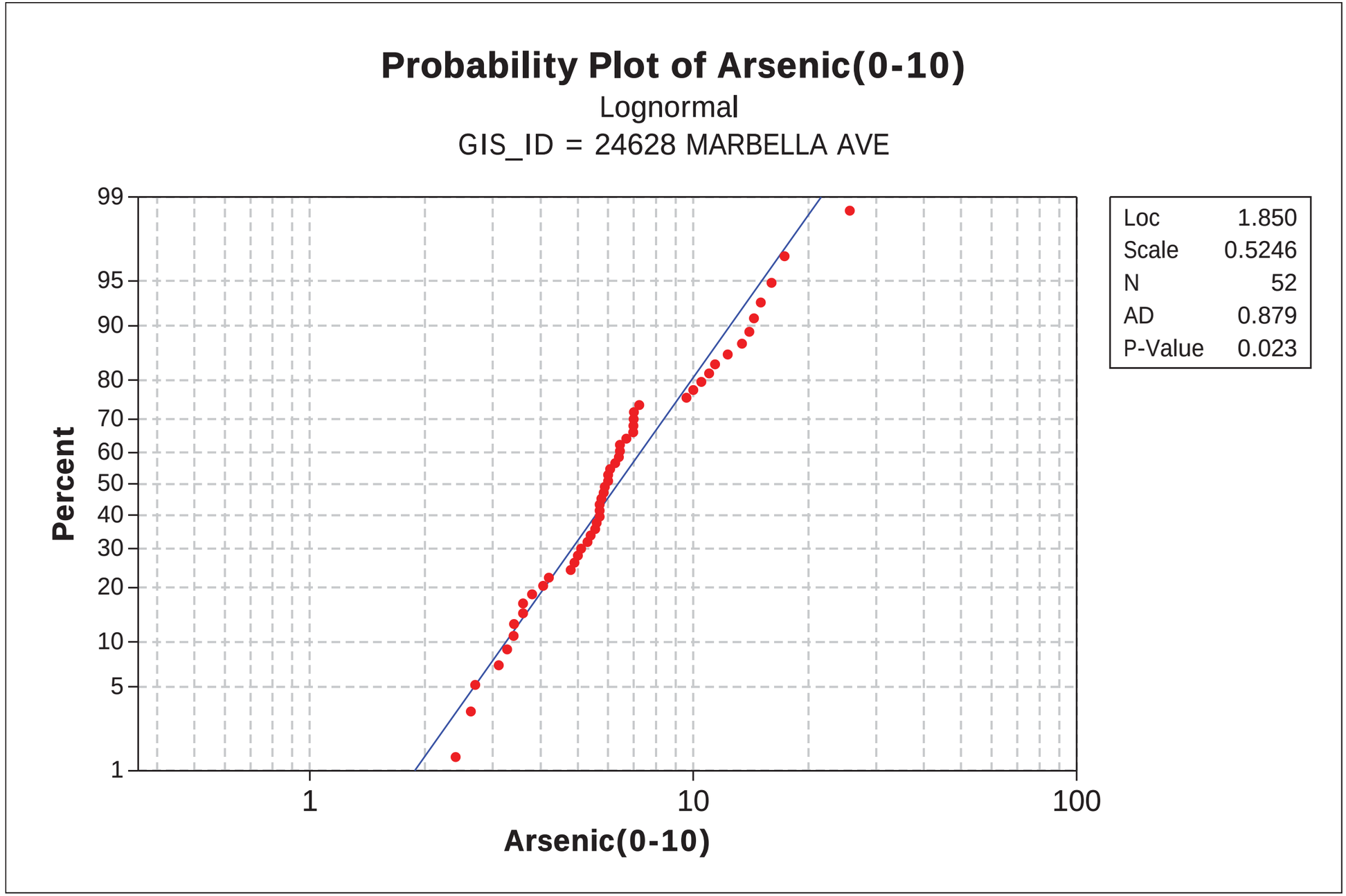

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24613 MARBELLA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 2.144
Scale 0.4987
N 52
AD 0.876
P-Value 0.023

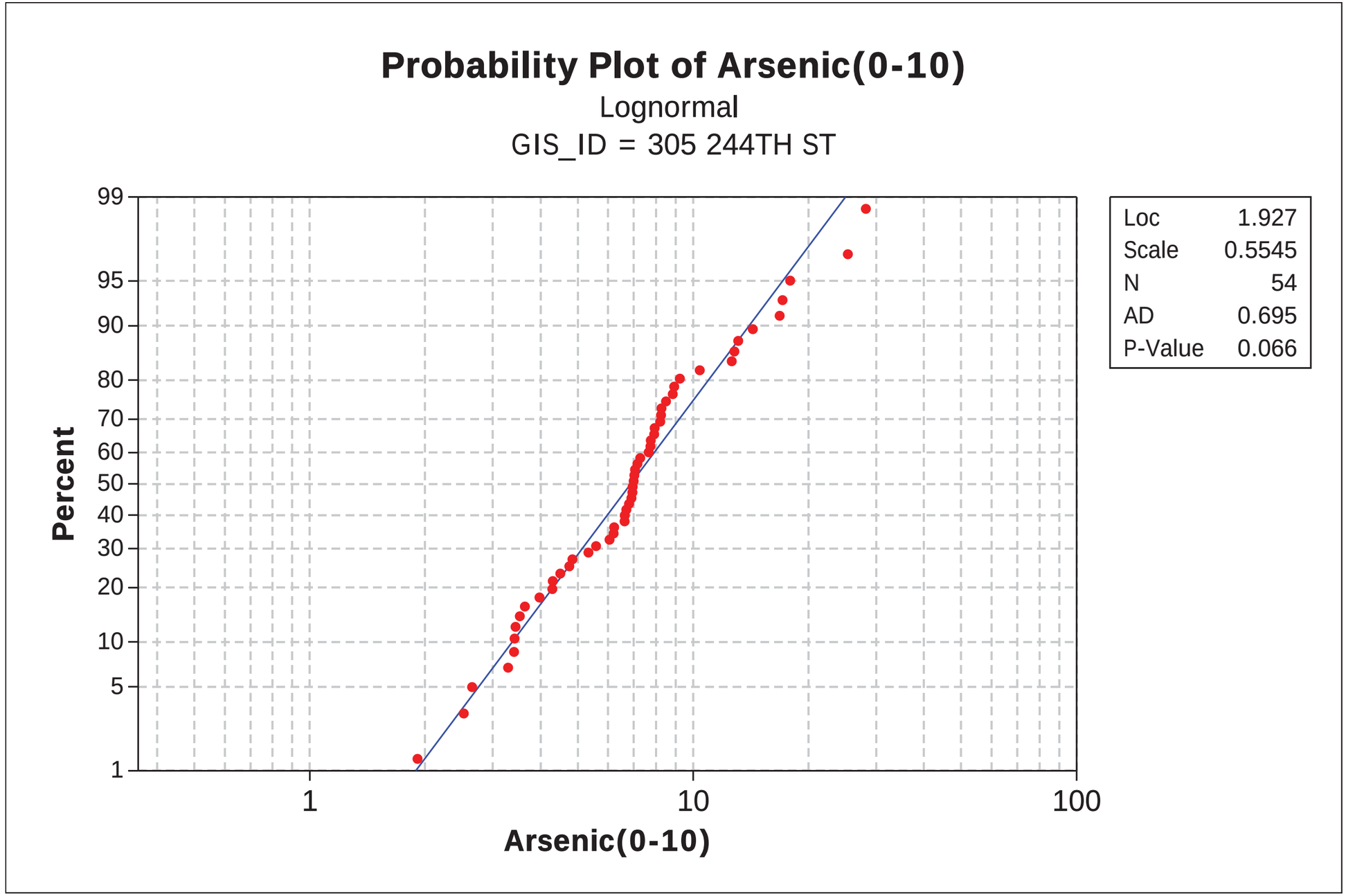

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24613 NEPTUNE AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 1.806
Scale 0.5092
N 39
AD 0.500
P-Value 0.196

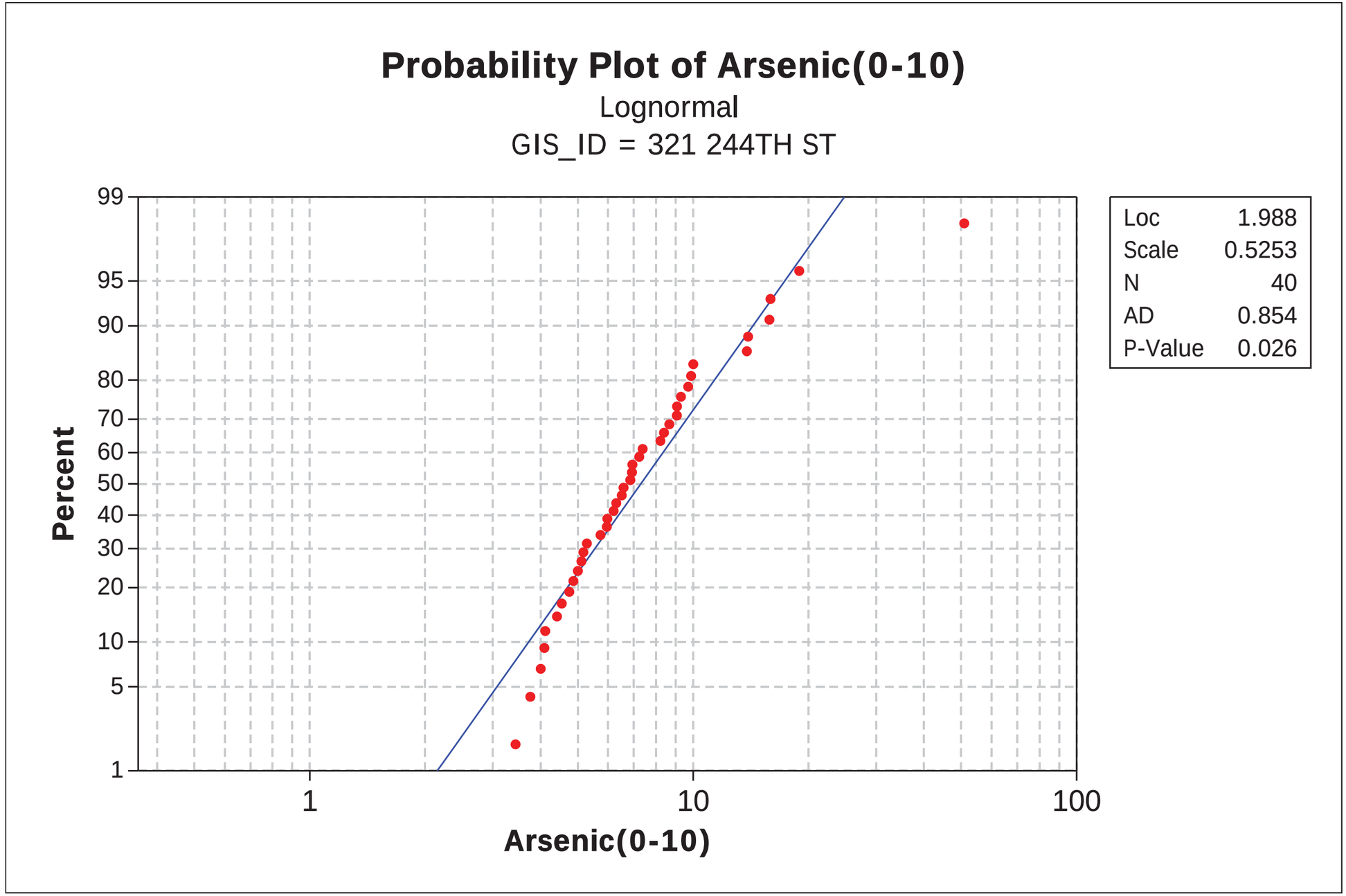

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24617 MARBELLA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 2.063
Scale 0.4242
N 34
AD 0.433
P-Value 0.287

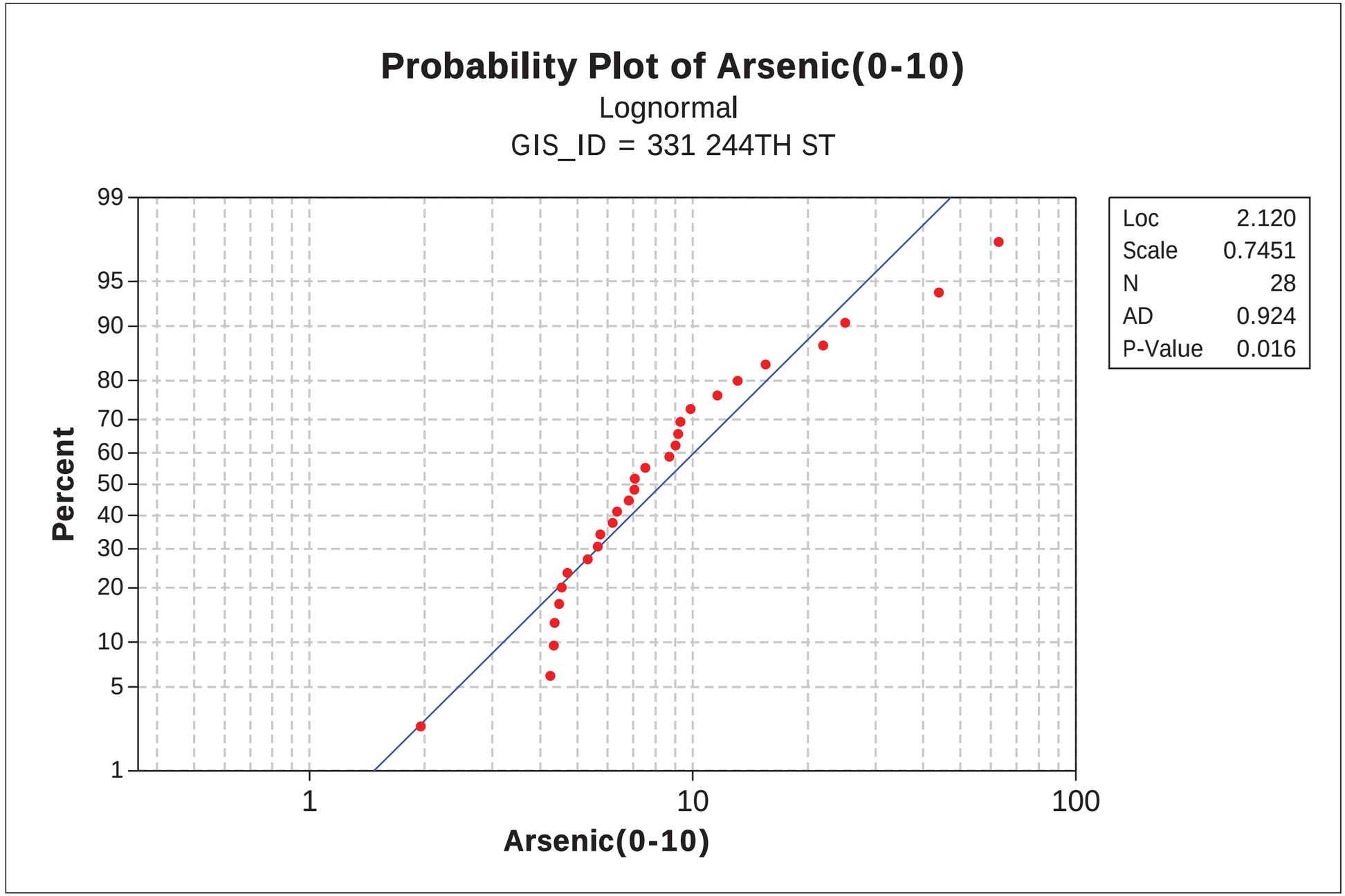

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24622 MARBELLA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 1.860
Scale 0.6336
N 53
AD 0.997
P-Value 0.012

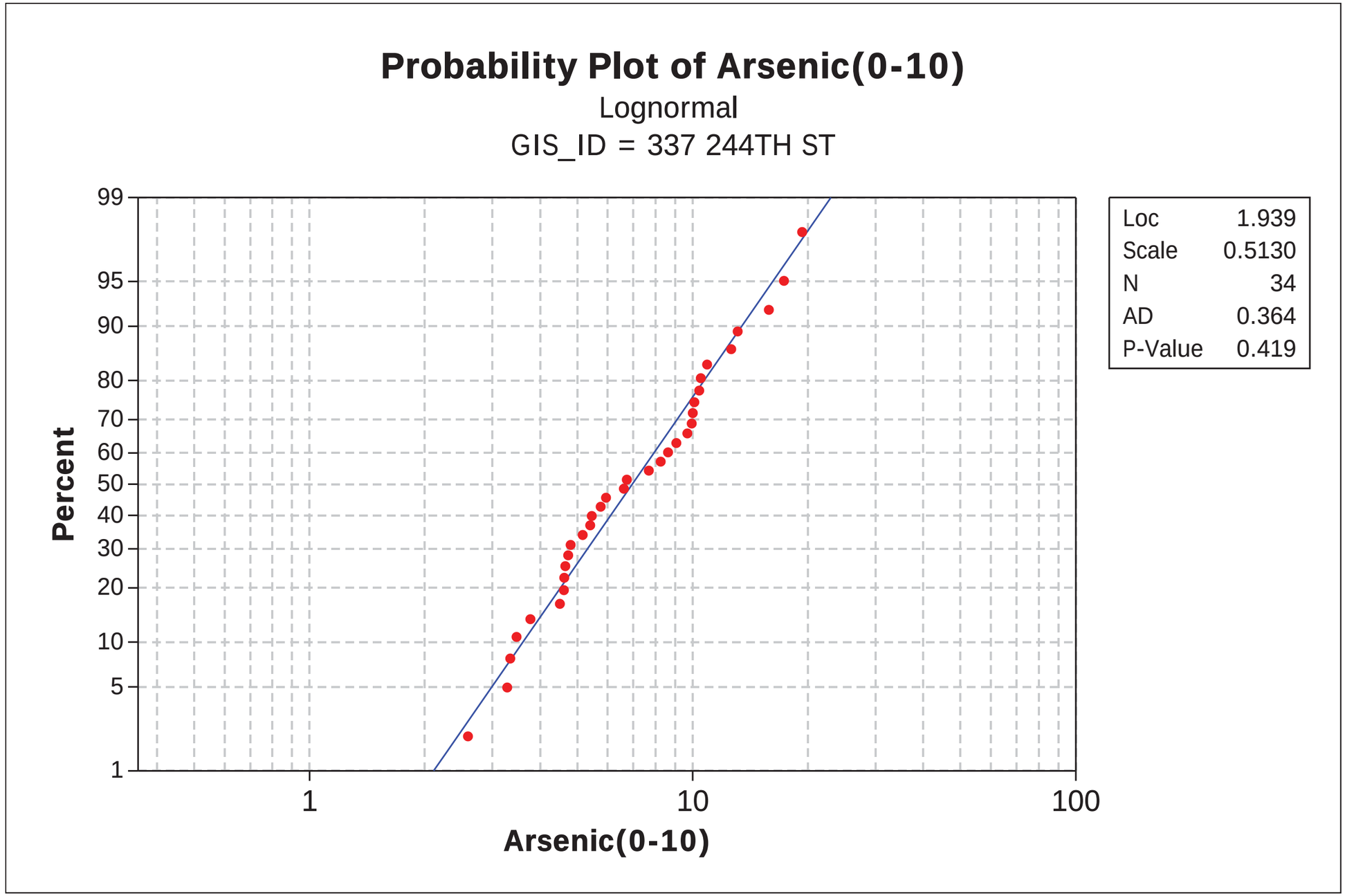

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24623 NEPTUNE AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 2.097
Scale 0.3667
N 36
AD 0.432
P-Value 0.288


Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 24628 MARBELLA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 1.850
Scale 0.5246
N 52
AD 0.879
P-Value 0.023


Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 305 244TH ST
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 1.927
Scale 0.5545
N 54
AD 0.695
P-Value 0.066

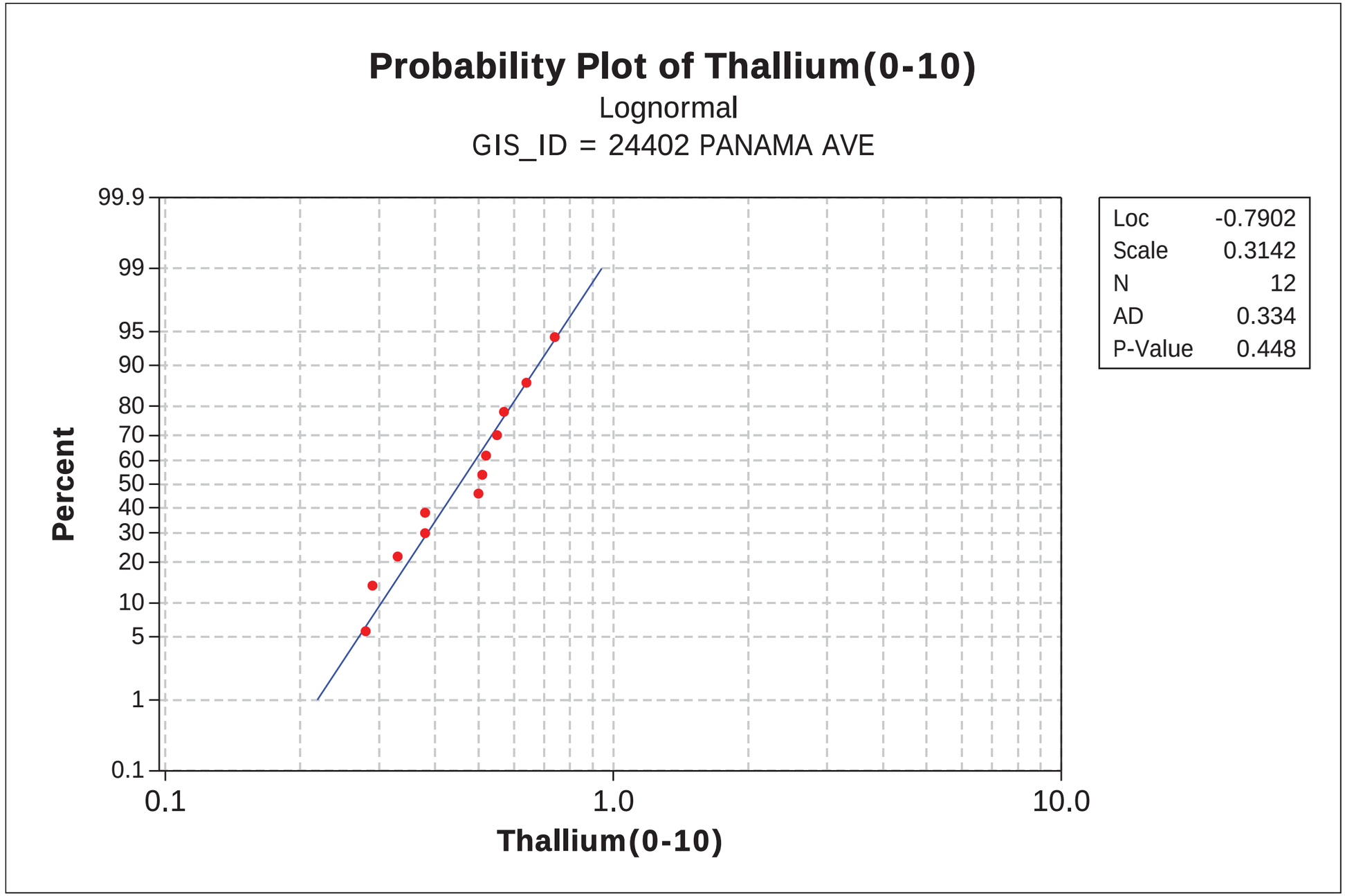

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 321 244TH ST
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 1.988
Scale 0.5253
N 40
AD 0.854
P-Value 0.026

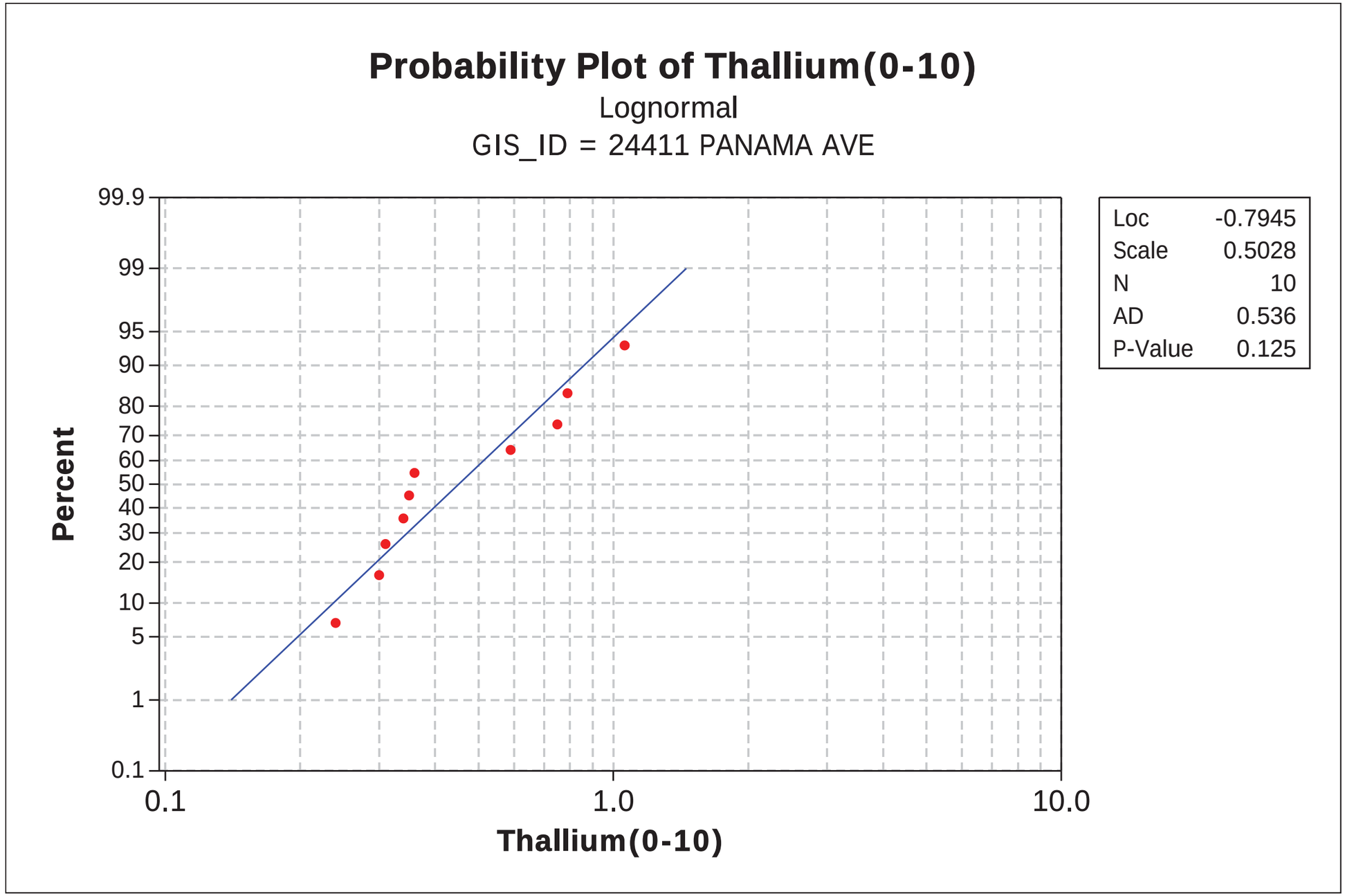

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 331 244TH ST
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 2.120
Scale 0.7451
N 28
AD 0.924
P-Value 0.016

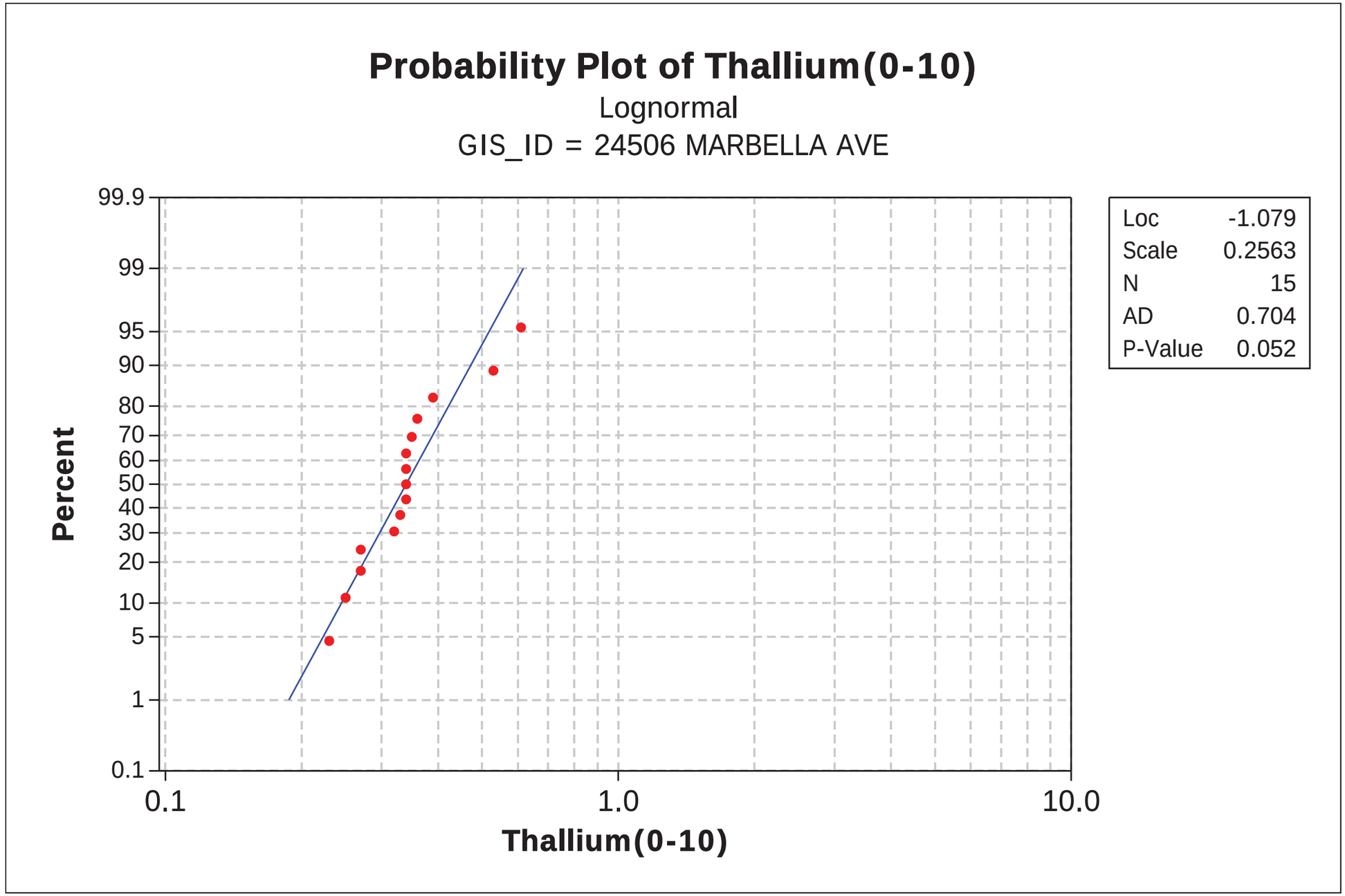

Probability Plot of Arsenic(0-10)
Lognormal
GIS_ID = 337 244TH ST
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1
10
100
Arsenic(0-10)
Loc 1.939
Scale 0.5130
N 34
AD 0.364
P-Value 0.419

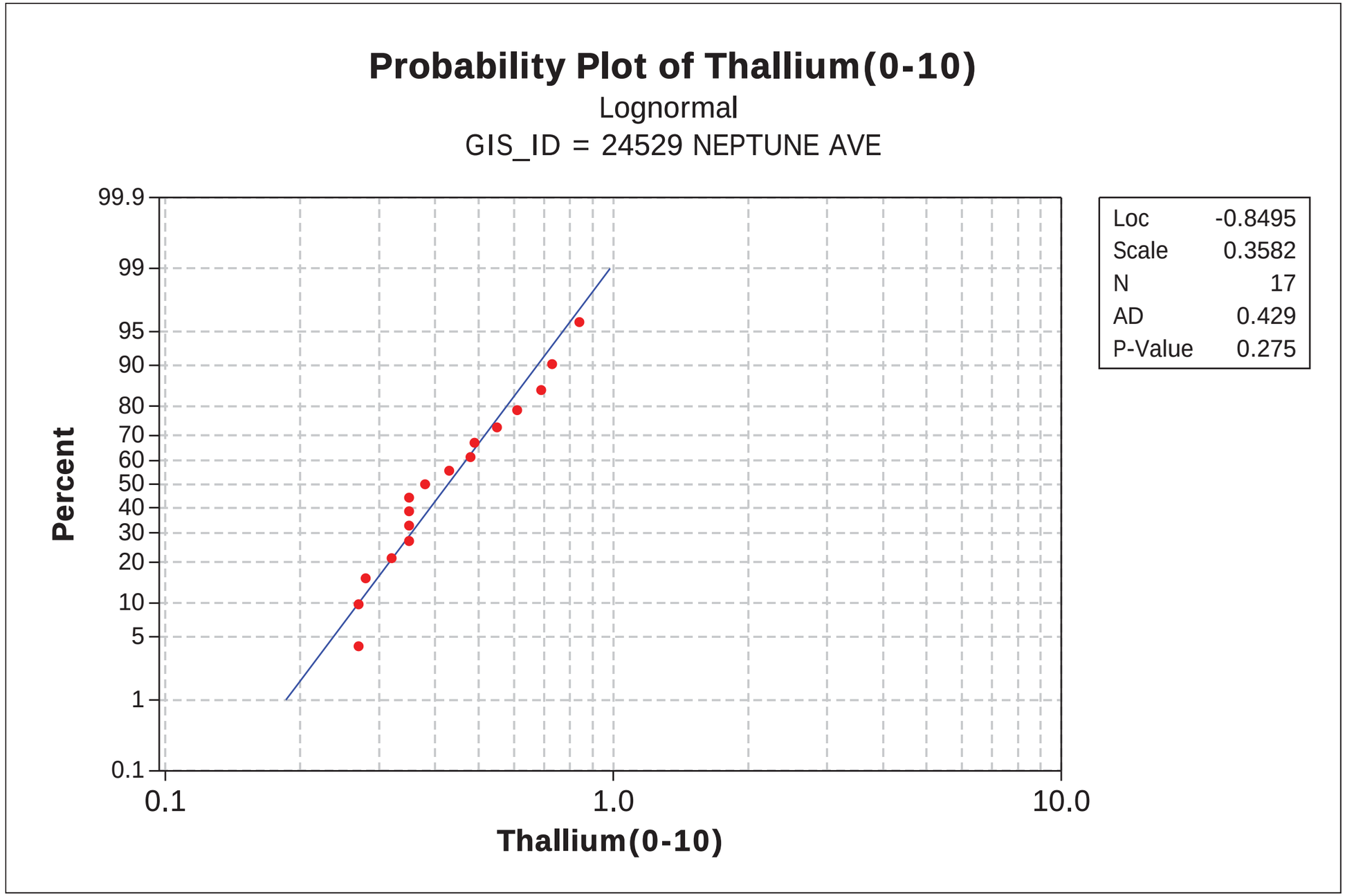
# APPENDIX 7.3

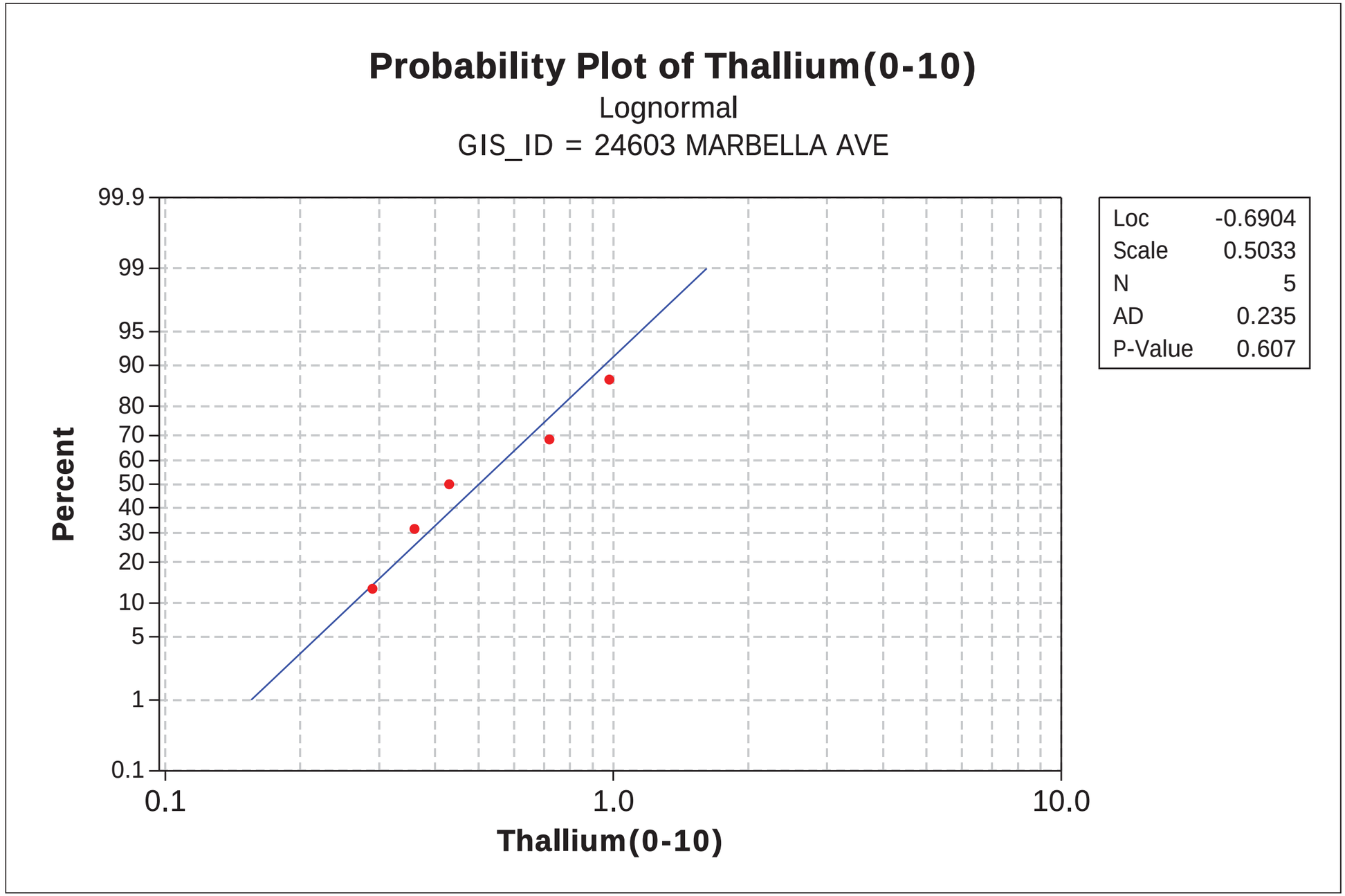
## Probability Plots of Thallium

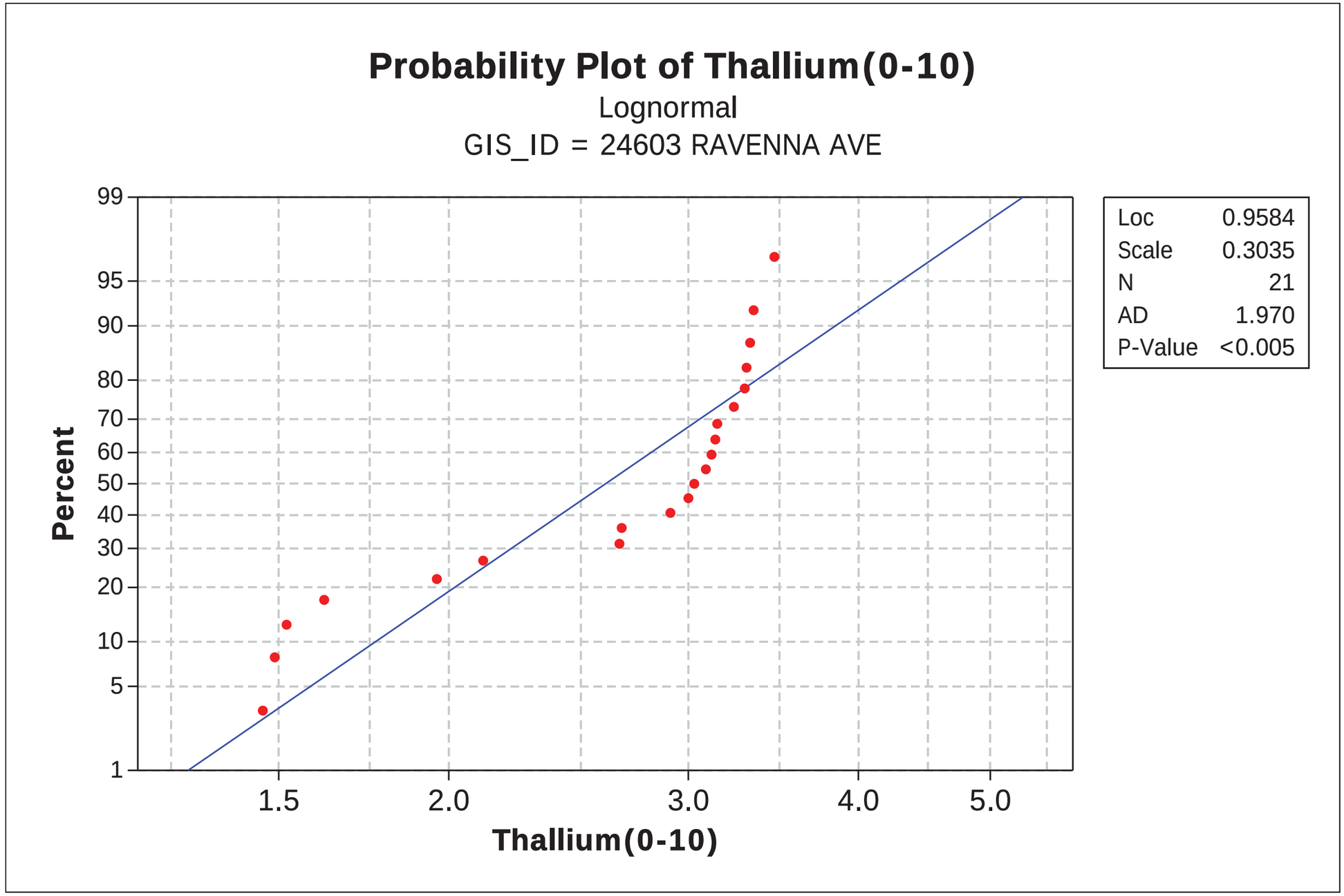

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24402 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -0.7902
Scale 0.3142
N 12
AD 0.334
P-Value 0.448

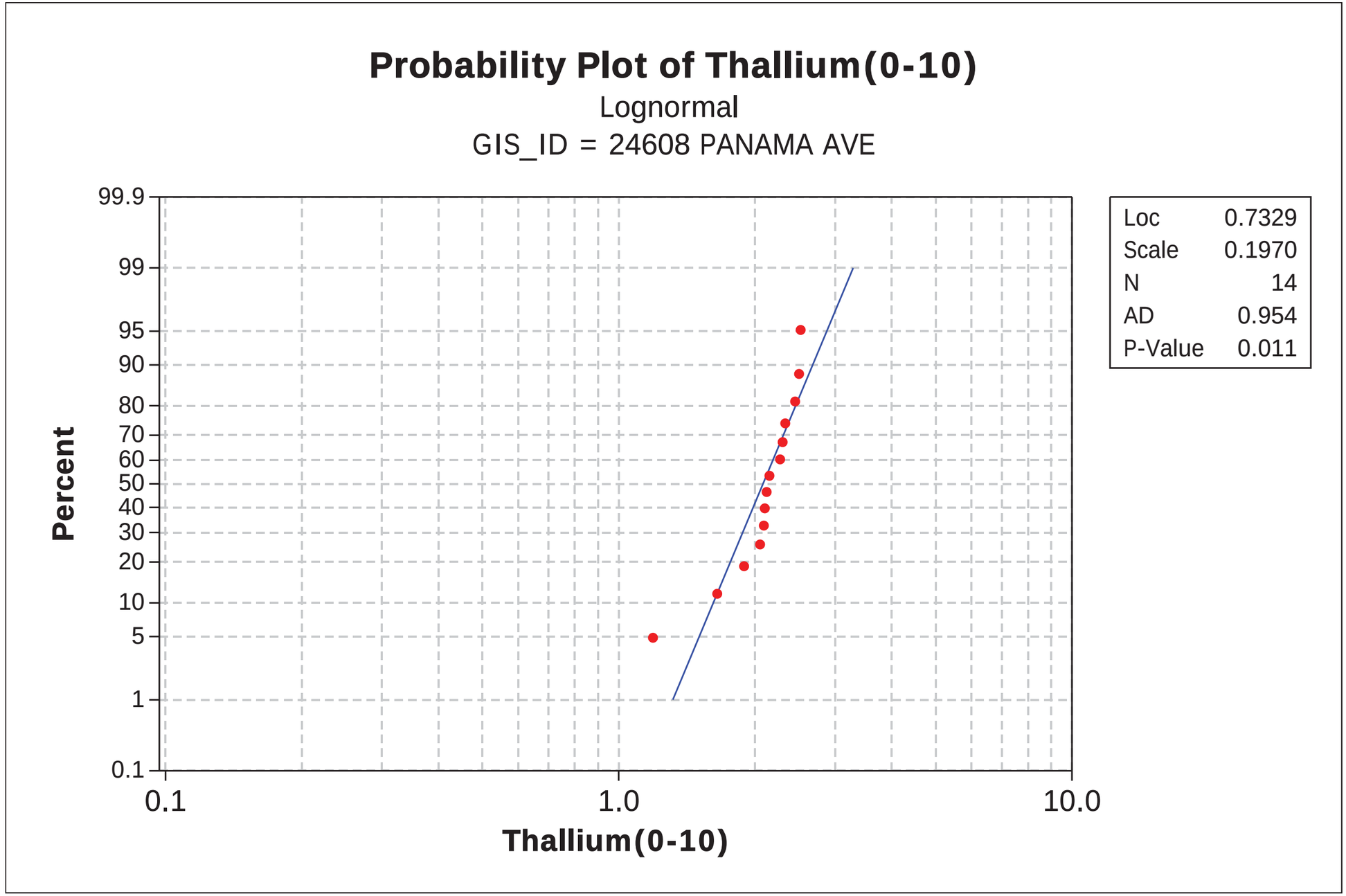

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24411 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -0.7945
Scale 0.5028
N 10
AD 0.536
P-Value 0.125

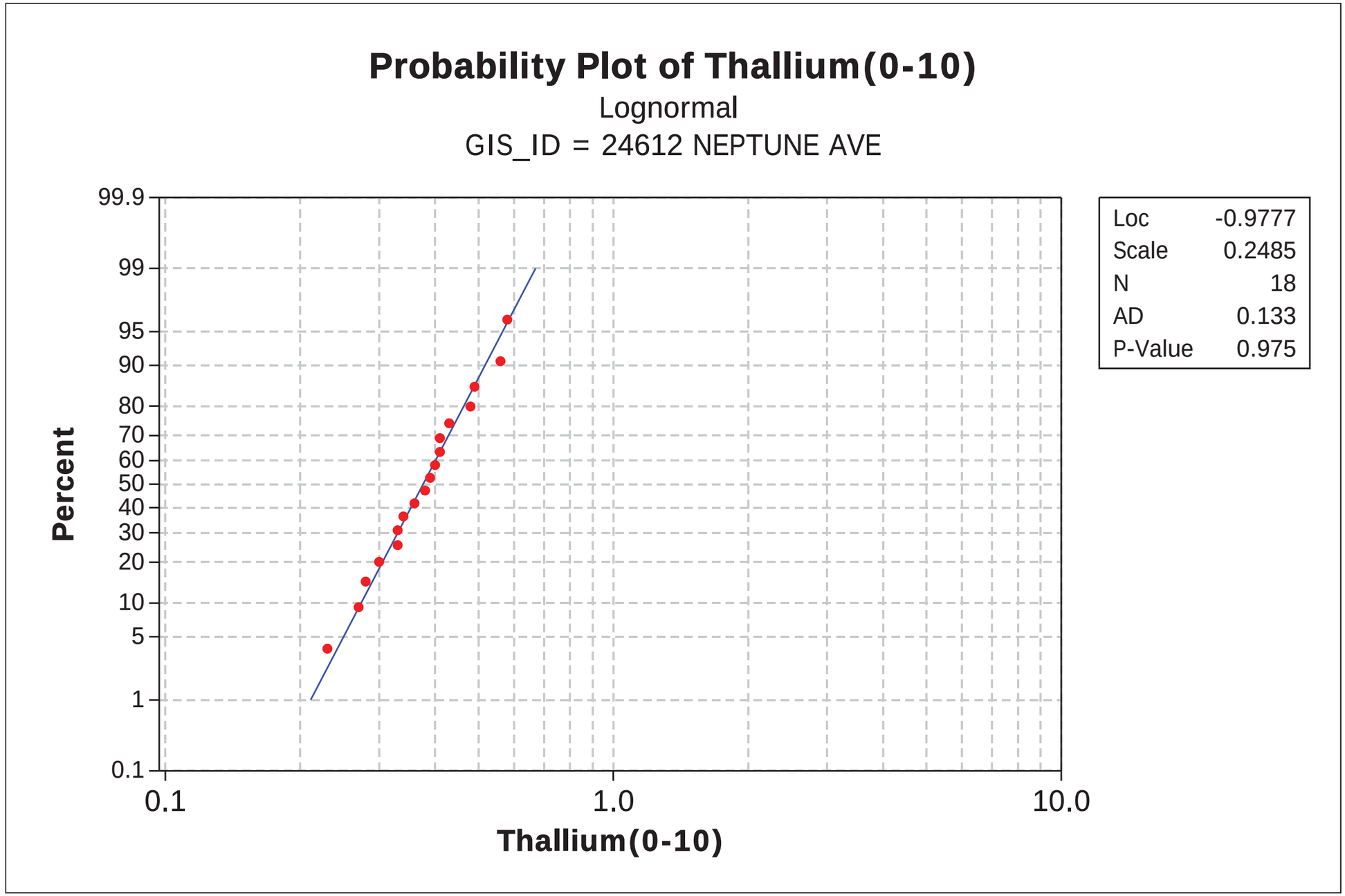

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24506 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -1.079
Scale 0.2563
N 15
AD 0.704
P-Value 0.052

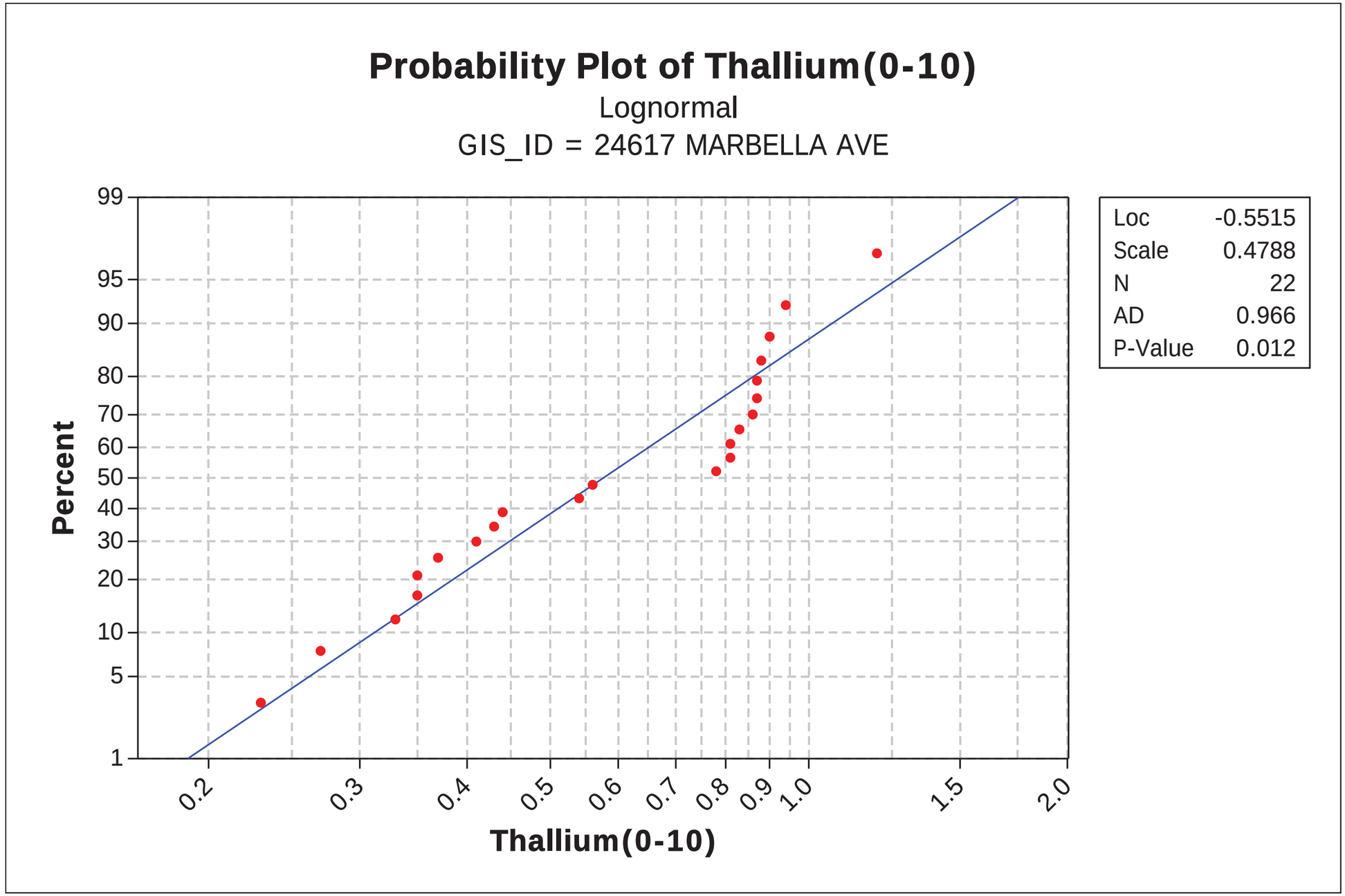

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24529 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -0.8495
Scale 0.3582
N 17
AD 0.429
P-Value 0.275

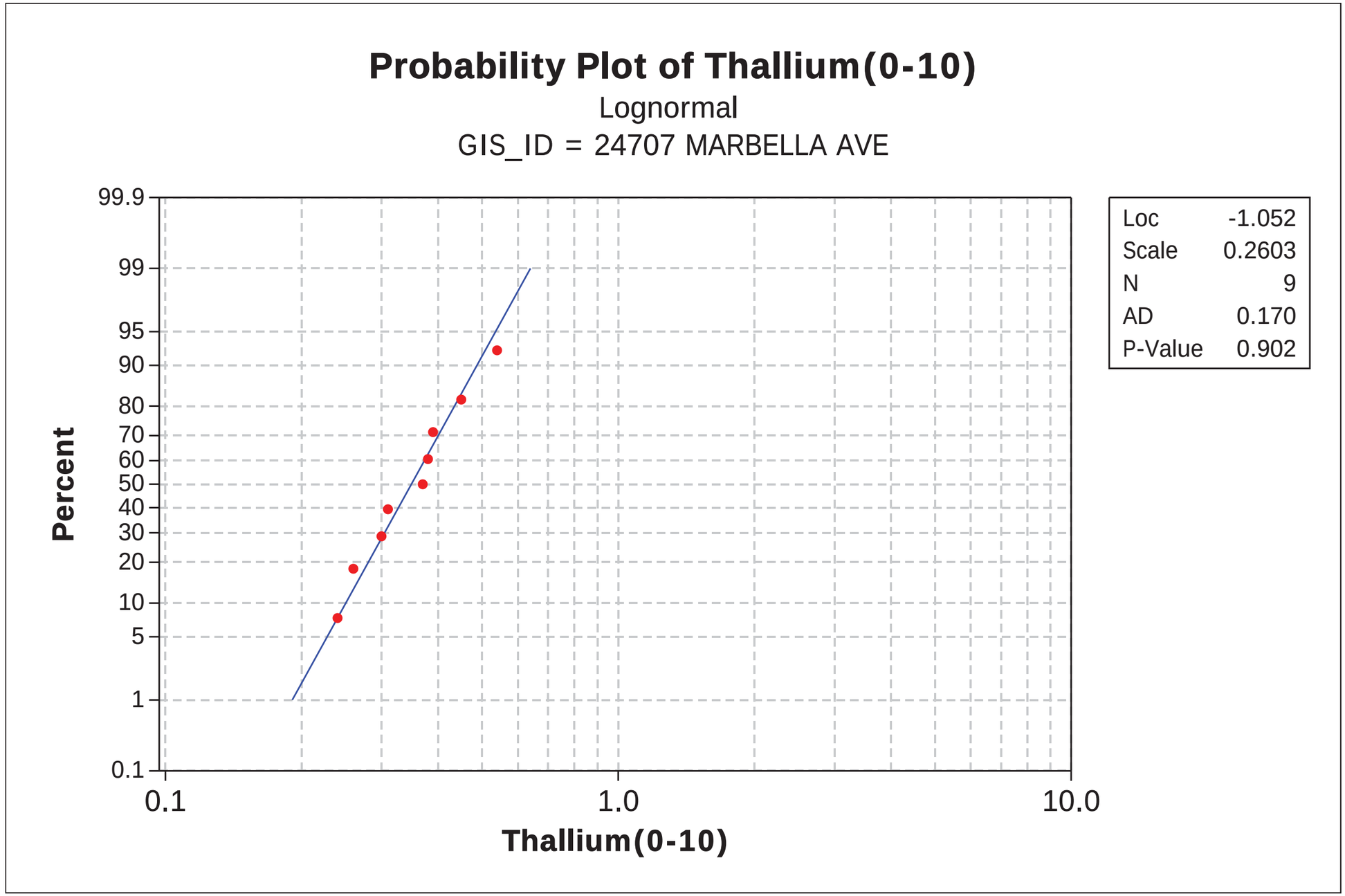

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24603 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -0.6904
Scale 0.5033
N 5
AD 0.235
P-Value 0.607

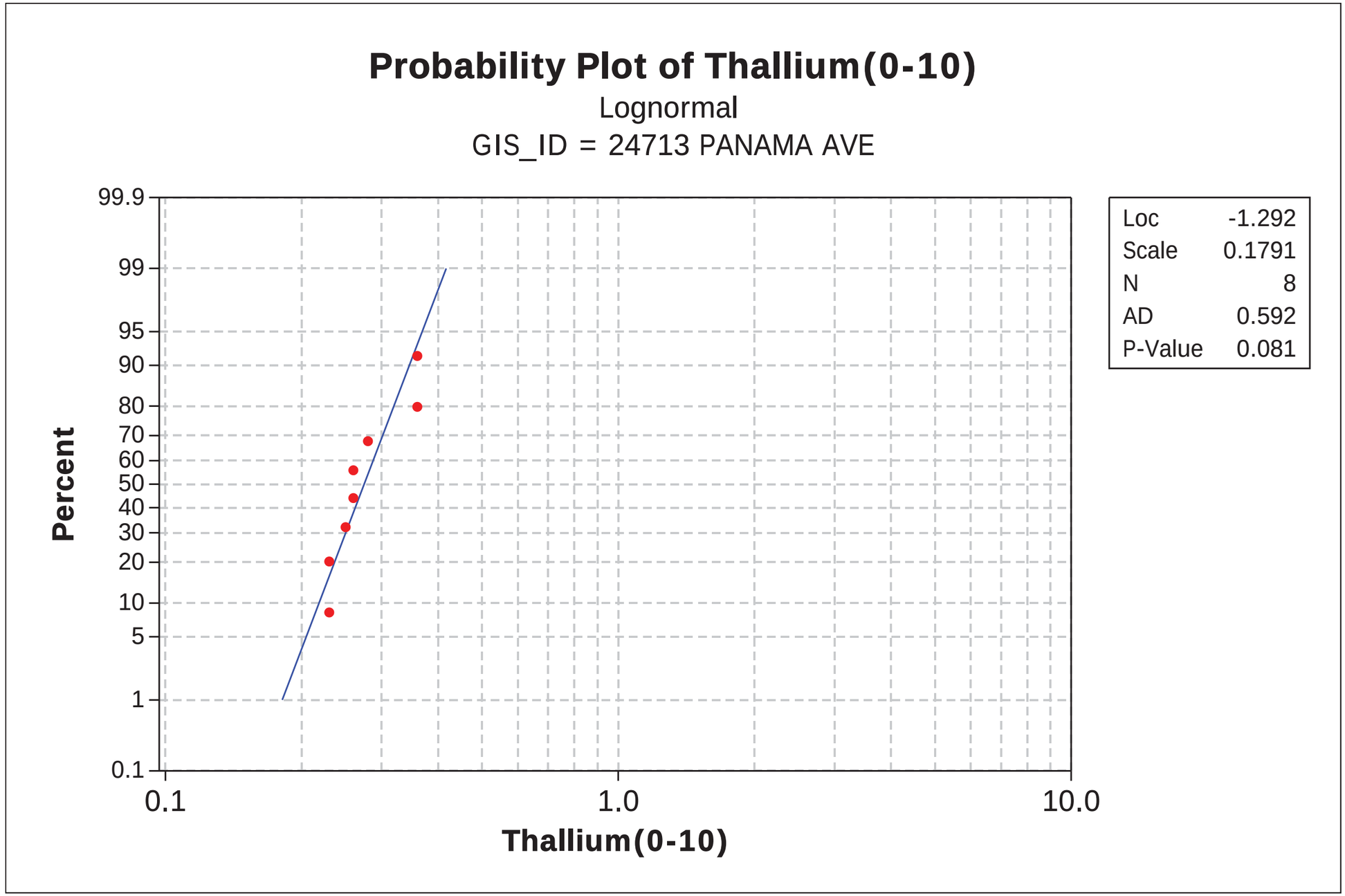

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24603 RAVENNA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
1.5
2.0
3.0
4.0
5.0
Thallium(0-10)
Loc 0.9584
Scale 0.3035
N 21
AD 1.970
P-Value <0.005

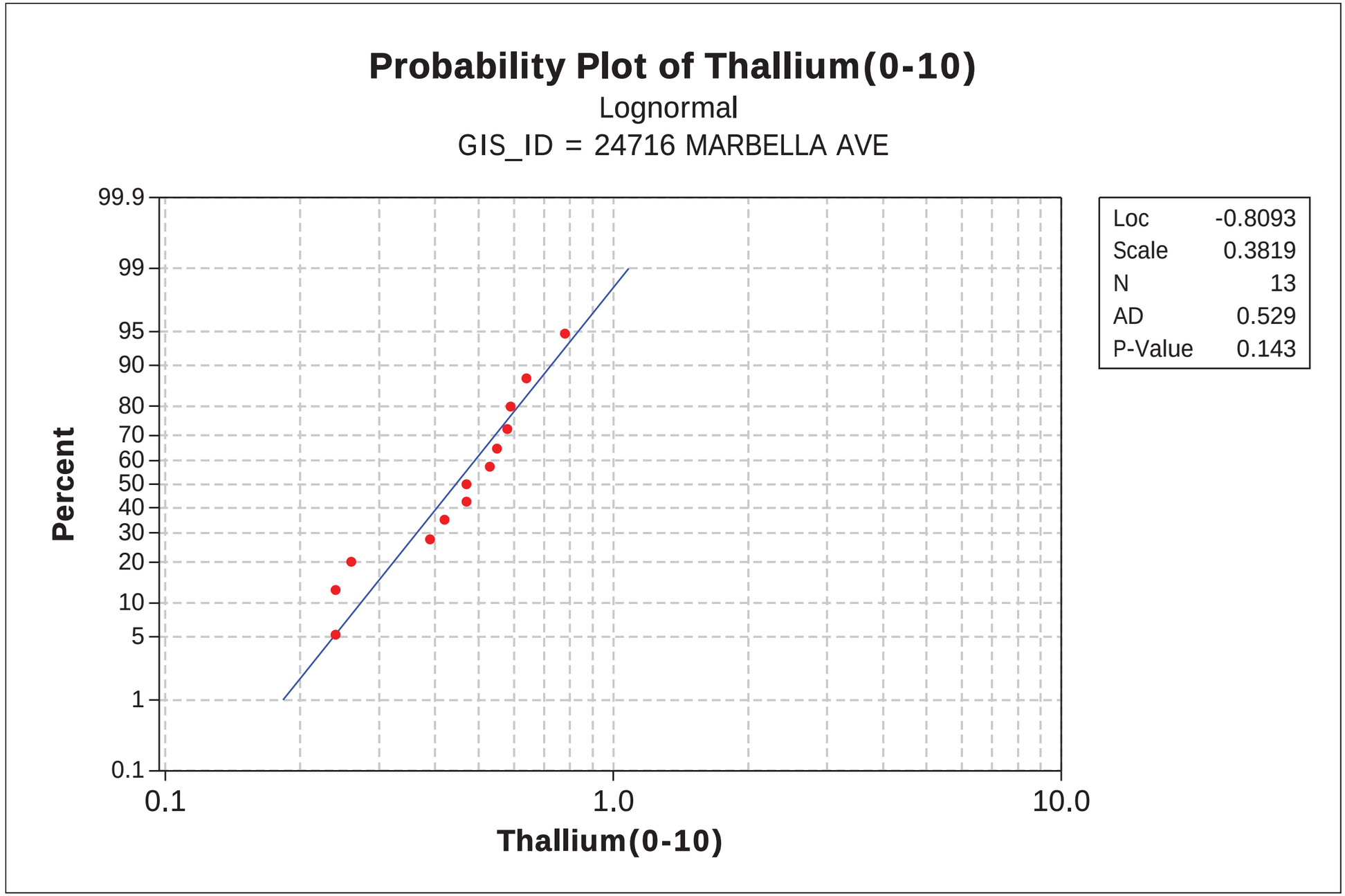

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24608 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc 0.7329
Scale 0.1970
N 14
AD 0.954
P-Value 0.011

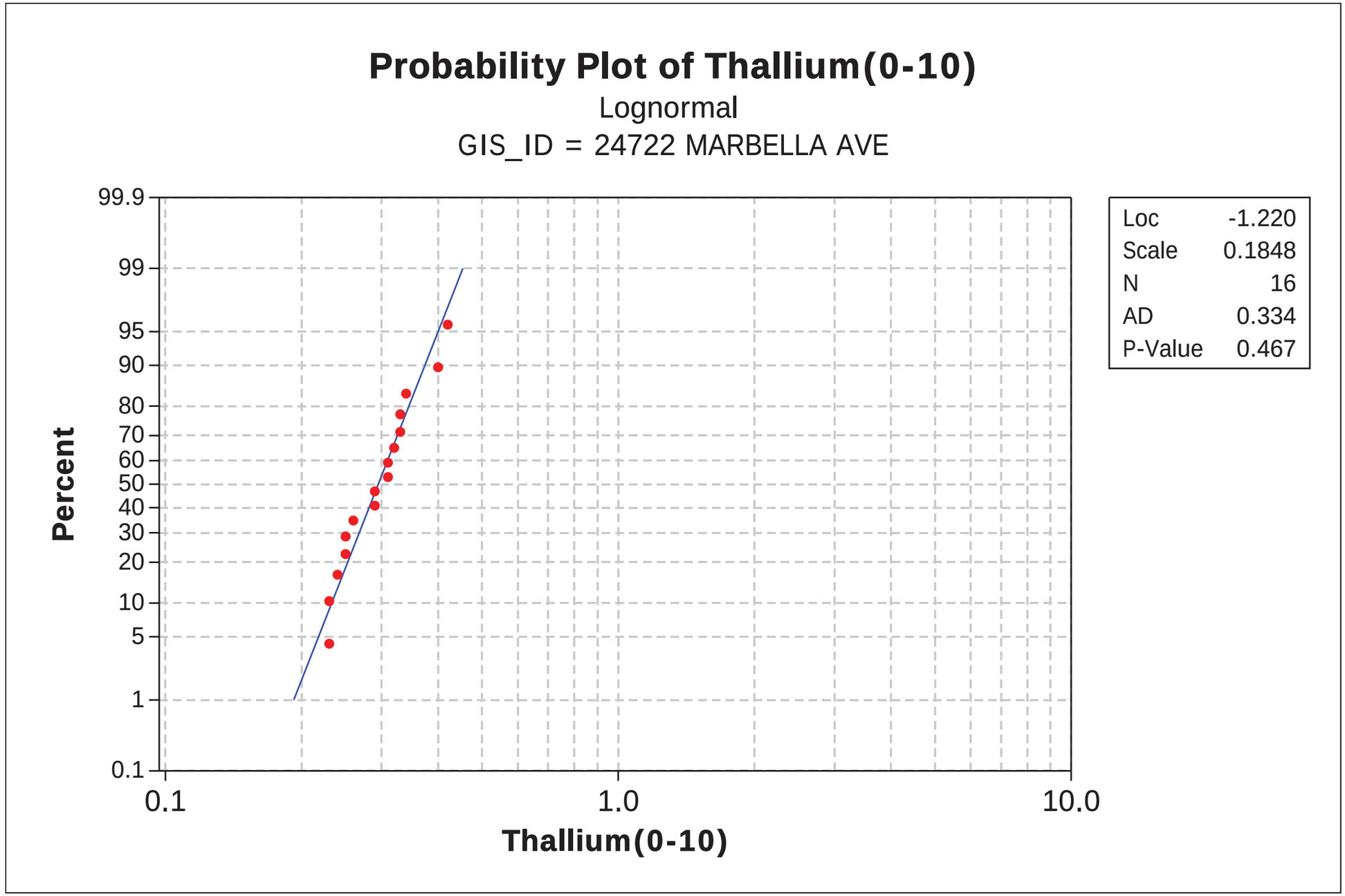

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24612 NEPTUNE AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -0.9777
Scale 0.2485
N 18
AD 0.133
P-Value 0.975

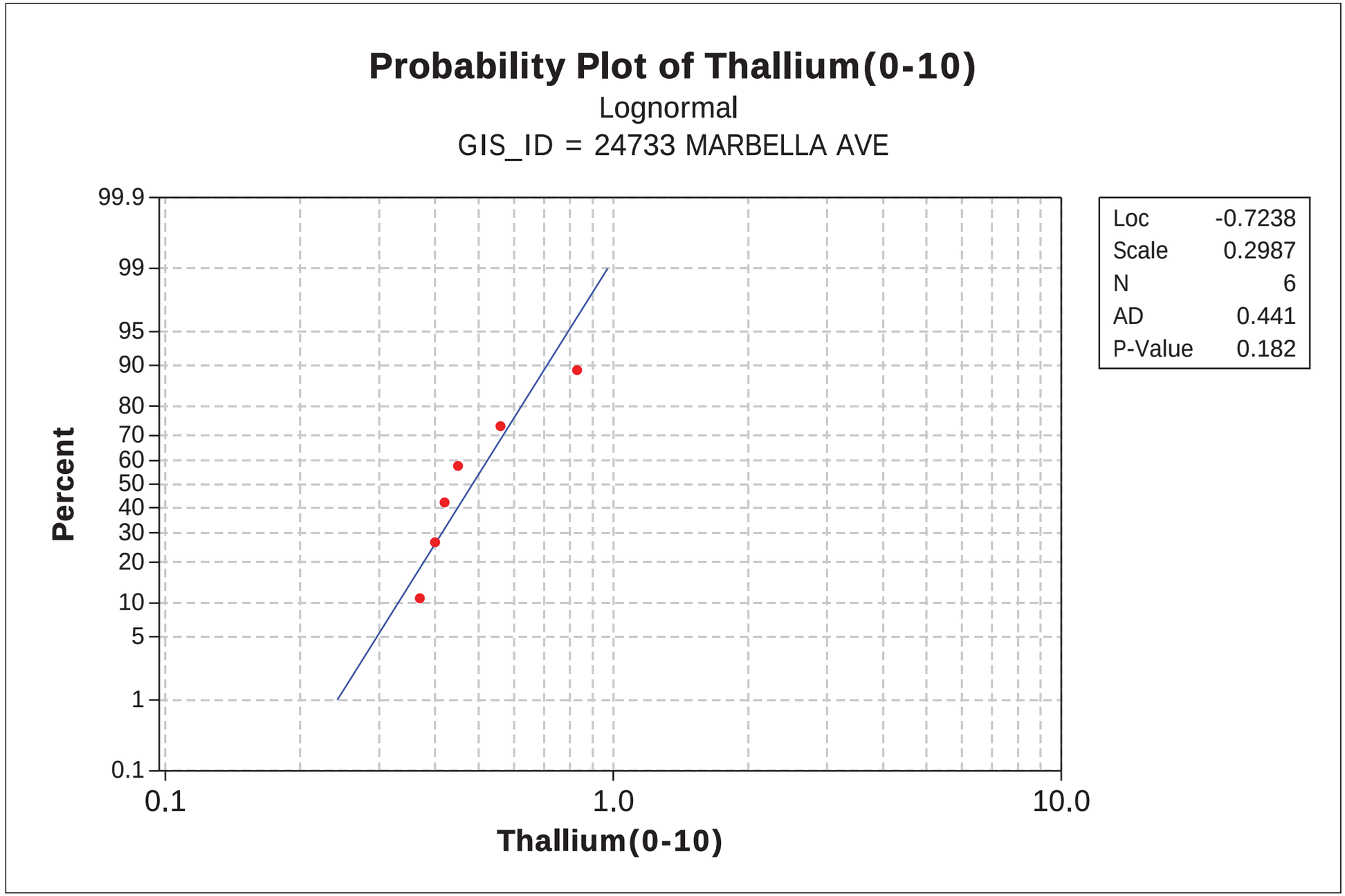

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24617 MARBELLA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.5
2.0
Thallium(0-10)
Loc -0.5515
Scale 0.4788
N 22
AD 0.966
P-Value 0.012

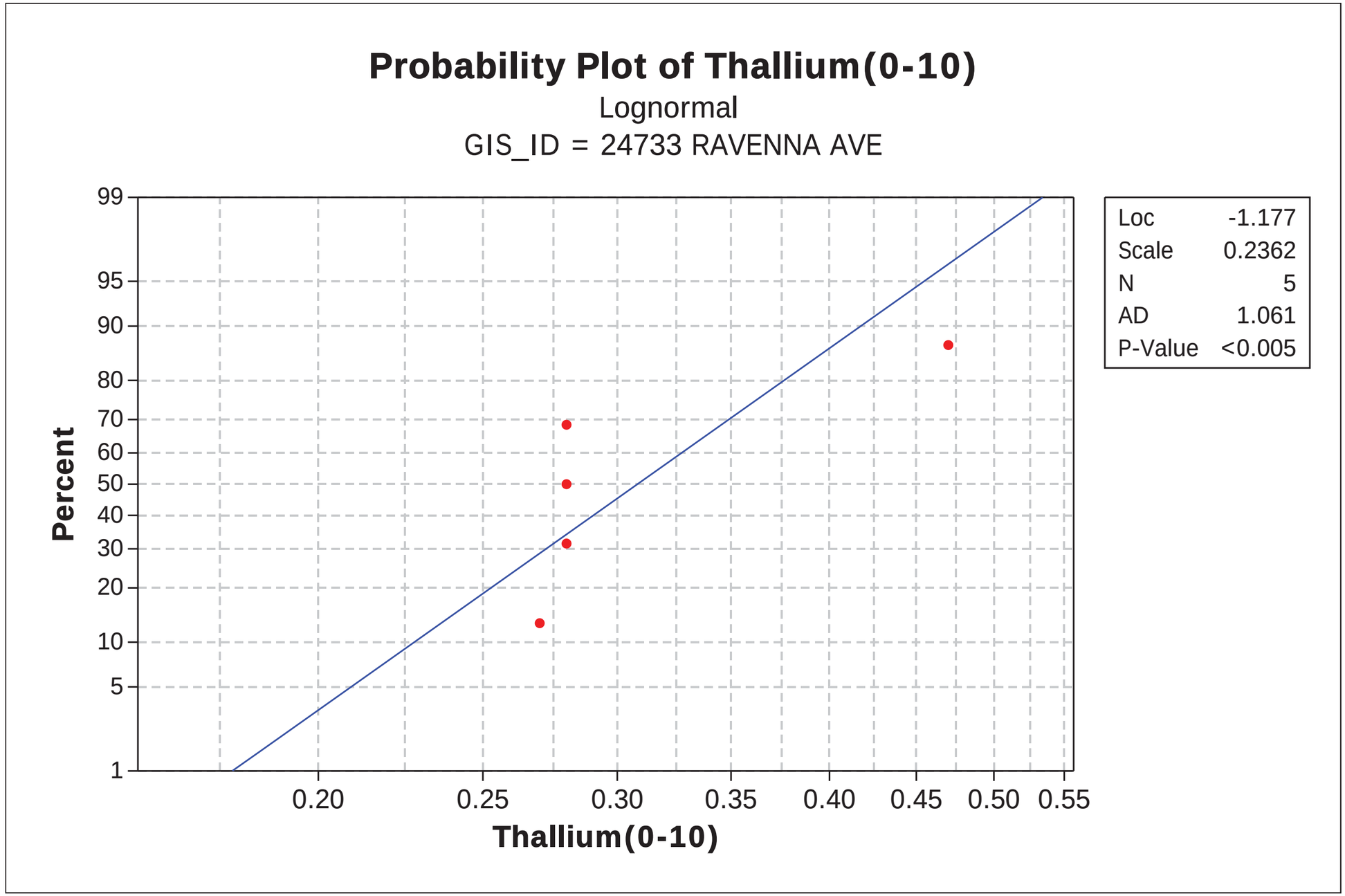

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24707 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -1.052
Scale 0.2603
N 9
AD 0.170
P-Value 0.902

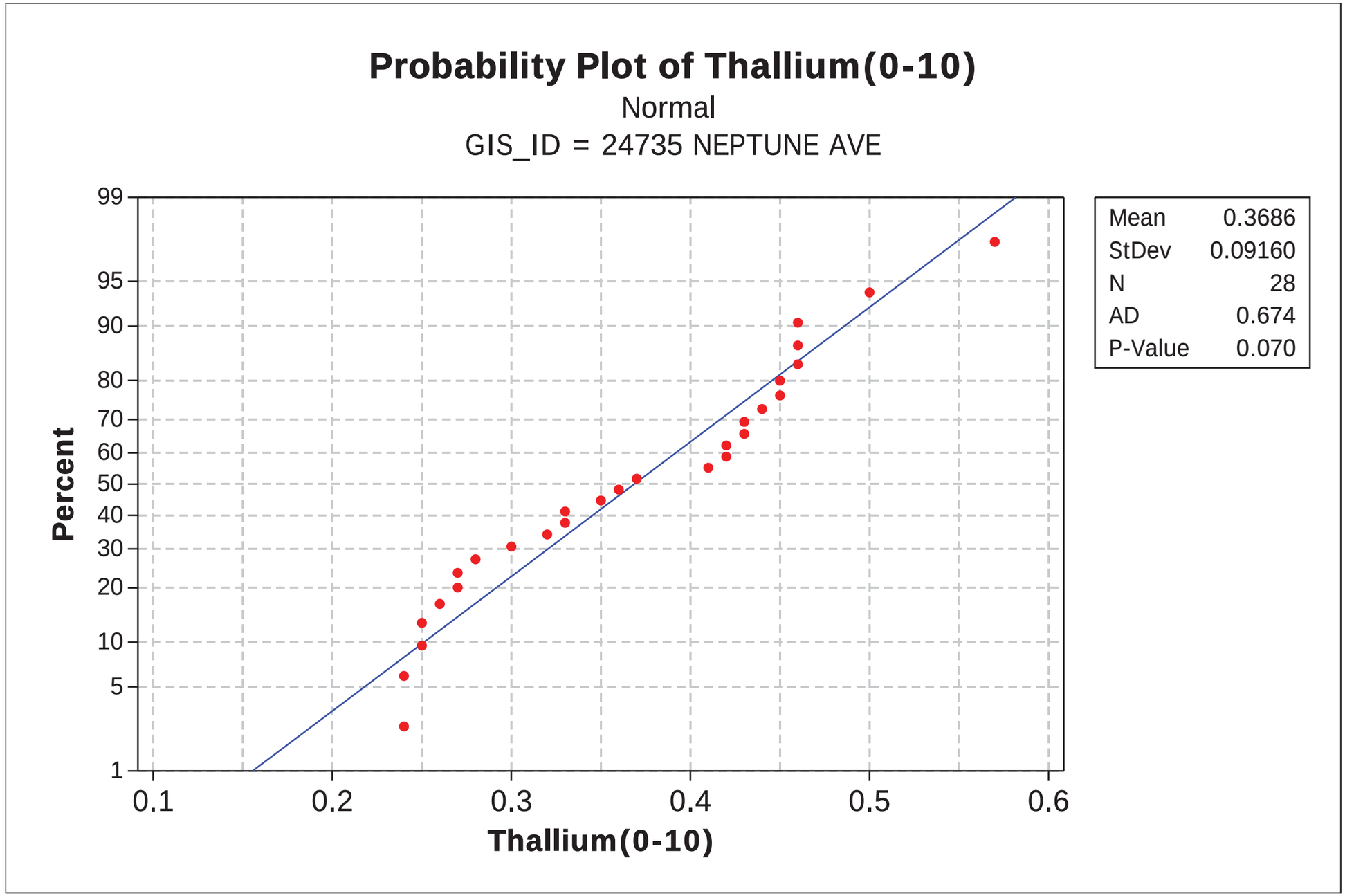

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24713 PANAMA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -1.292
Scale 0.1791
N 8
AD 0.592
P-Value 0.081

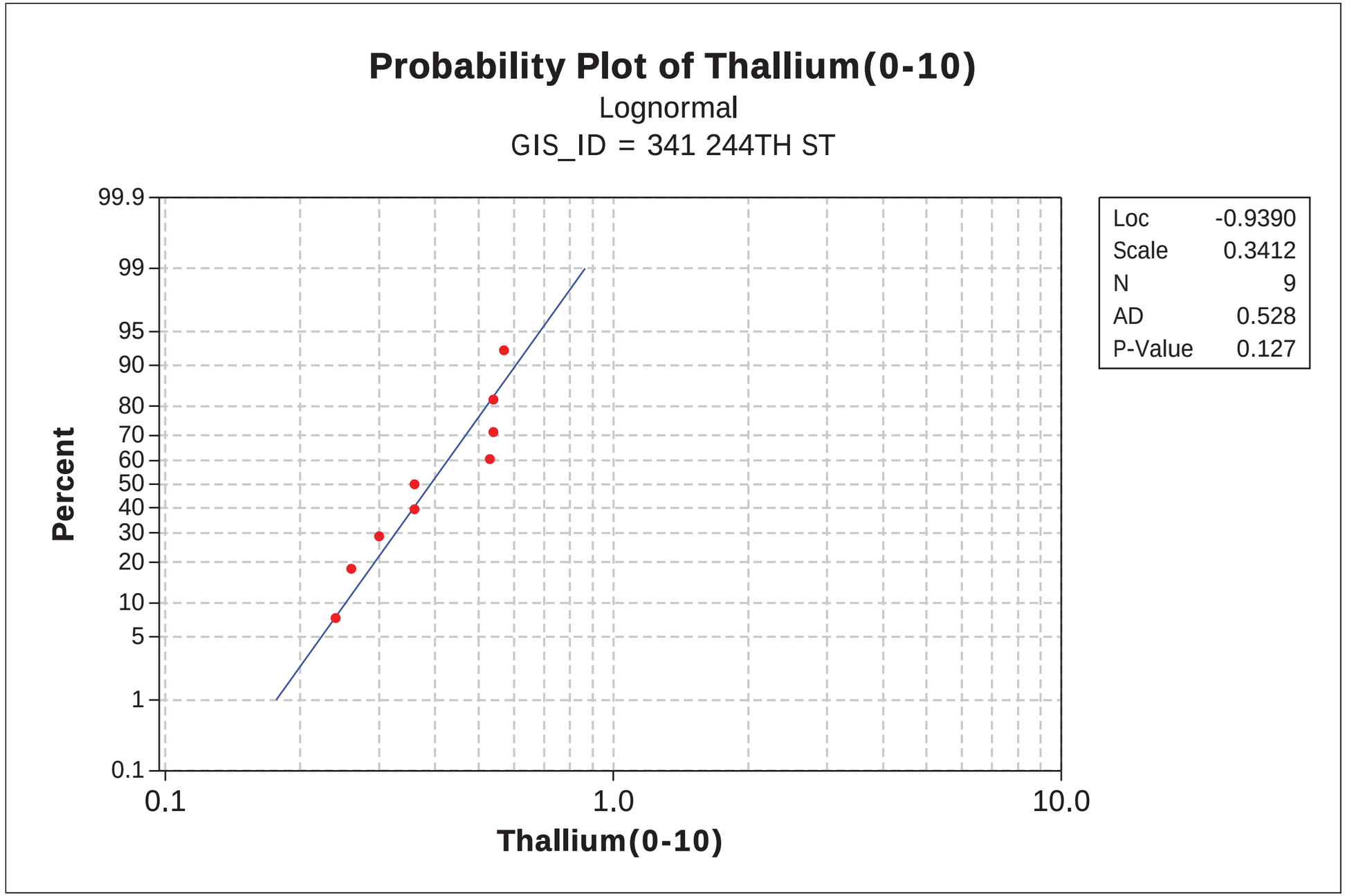

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24716 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -0.8093
Scale 0.3819
N 13
AD 0.529
P-Value 0.143

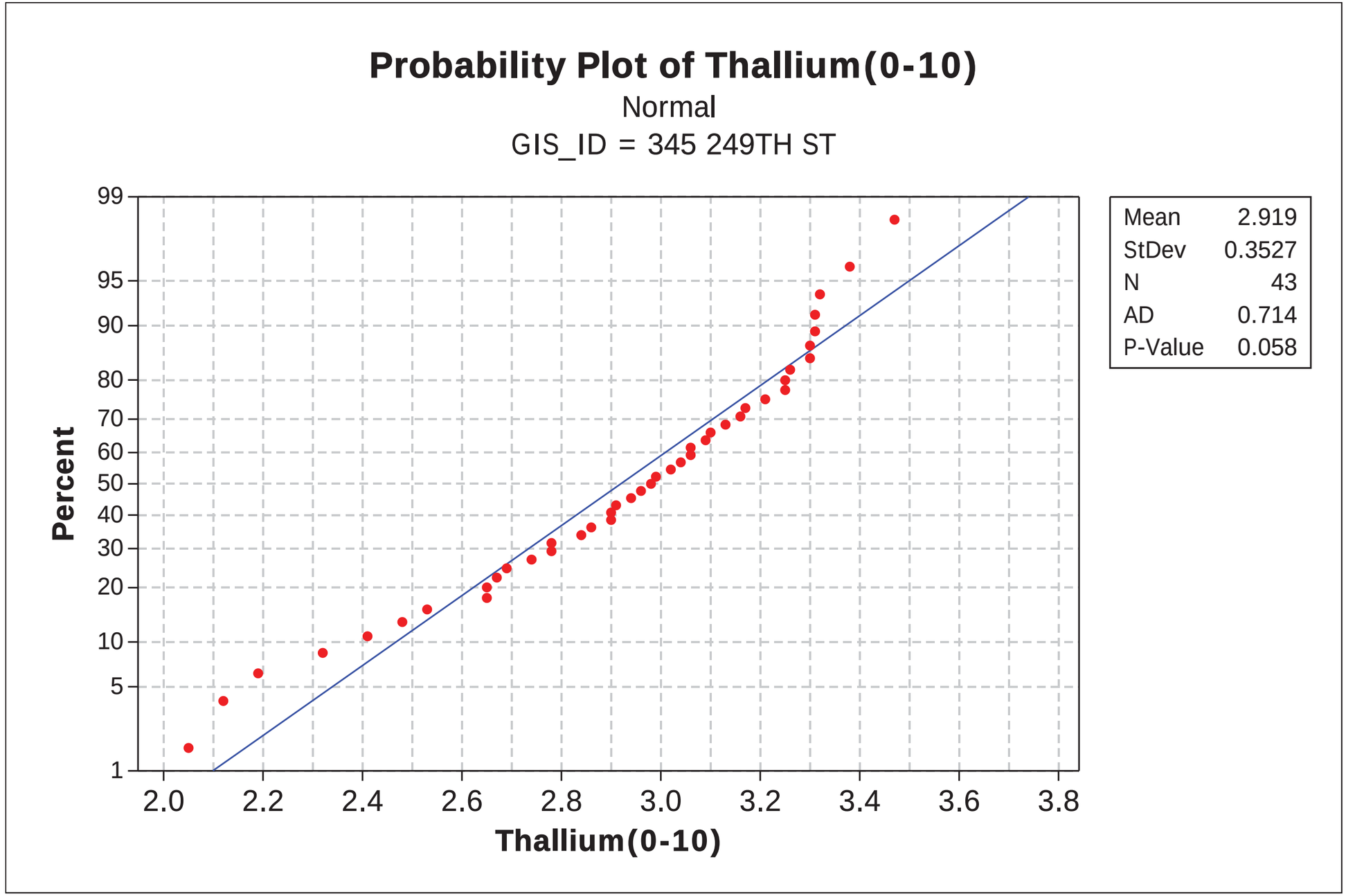

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24722 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -1.220
Scale 0.1848
N 16
AD 0.334
P-Value 0.467

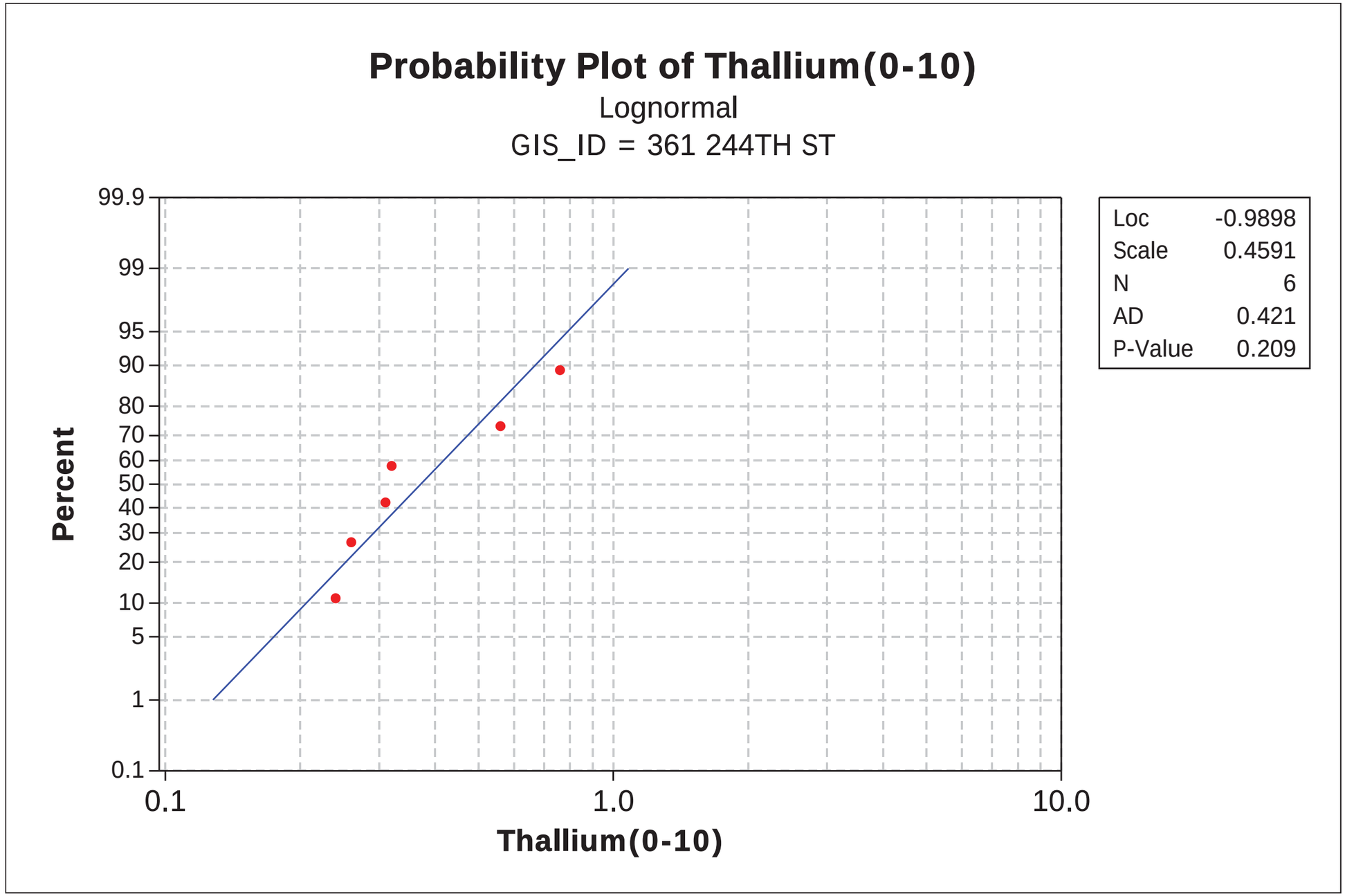

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24733 MARBELLA AVE
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -0.7238
Scale 0.2987
N 6
AD 0.441
P-Value 0.182

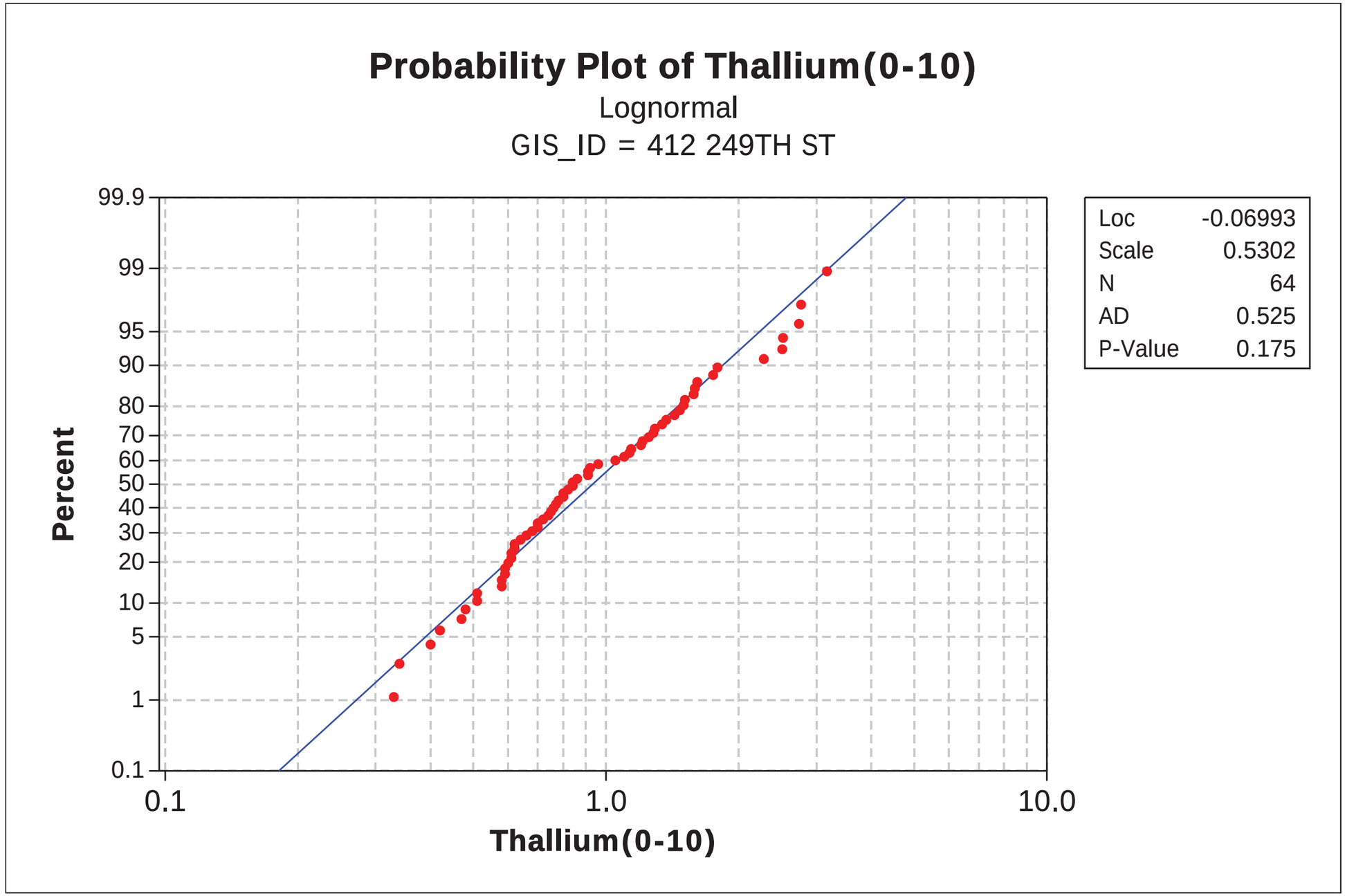

Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 24733 RAVENNA AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
0.20
0.25
0.30
0.35
0.40
0.45
0.50
0.55
Thallium(0-10)
Loc -1.177
Scale 0.2362
N 5
AD 1.061
P-Value <0.005


Probability Plot of Thallium(0-10)
Normal
GIS_ID = 24735 NEPTUNE AVE
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.2
0.3
0.4
0.5
0.6
Thallium(0-10)
Mean 0.3686
StDev 0.09160
N 28
AD 0.674
P-Value 0.070


Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 341 244TH ST
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -0.9390
Scale 0.3412
N 9
AD 0.528
P-Value 0.127


Probability Plot of Thallium(0-10)
Normal
GIS_ID = 345 249TH ST
Percent
99
95
90
80
70
60
50
40
30
20
10
5
1
2.0
2.2
2.4
2.6
2.8
3.0
3.2
3.4
3.6
3.8
Thallium(0-10)
Mean 2.919
StDev 0.3527
N 43
AD 0.714
P-Value 0.058


Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 361 244TH ST
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -0.9898
Scale 0.4591
N 6
AD 0.421
P-Value 0.209


Probability Plot of Thallium(0-10)
Lognormal
GIS_ID = 412 249TH ST
Percent
99.9
99
95
90
80
70
60
50
40
30
20
10
5
1
0.1
0.1
1.0
10.0
Thallium(0-10)
Loc -0.06993
Scale 0.5302
N 64
AD 0.525
P-Value 0.175

# APPENDIX 8

## Background Dataset

**Appendix 8**
**Background Dataset**

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Park | BS-01-.5 | METALS | Arsenic | 2.58 |
| Banning Park | BS-01-.5 | METALS | Molybdenum | 0.114 |
| Banning Park | BS-01-.5 | METALS | Nickel | 6.25 |
| Banning Park | BS-01-.5 | METALS | Silver | 0.27 |
| Banning Park | BS-01-.5 | METALS | Vanadium | 14.9 |
| Banning Park | BS-01-.5 | METALS | Zinc | 36.1 |
| Banning Park | BS-01-.5 | METALS | Lead | 16.4 |
| Banning Park | BS-01-.5 | METALS | Copper | 11.6 |
| Banning Park | BS-01-.5 | METALS | Cobalt | 4.19 |
| Banning Park | BS-01-.5 | METALS | Chromium | 13.2 |
| Banning Park | BS-01-.5 | SVOC | BaP TEQ | 0.0043 |
| Banning Park | BS-01-.5 | METALS | Cadmium | 0.834 |
| Banning Park | BS-01-.5 | METALS | Mercury | 0.0736 |
| Banning Park | BS-01-.5 | METALS | Barium | 71.8 |
| Banning Park | BS-01-.5 | METALS | Thallium | <0.232 |
| Banning Park | BS-01-.5 | METALS | Antimony | <0.306 |
| Banning Park | BS-01-.5 | METALS | Selenium | <0.351 |
| Banning Park | BS-01-.5 | METALS | Beryllium | 0.198 |
| Banning Park | BS-01-2 | METALS | Antimony | <0.306 |
| Banning Park | BS-01-2 | METALS | Selenium | <0.351 |
| Banning Park | BS-01-2 | METALS | Silver | <0.117 |
| Banning Park | BS-01-2 | METALS | Thallium | <0.232 |
| Banning Park | BS-01-2 | METALS | Lead | 5.21 |
| Banning Park | BS-01-2 | METALS | Copper | 5.93 |
| Banning Park | BS-01-2 | METALS | Cobalt | 4.52 |
| Banning Park | BS-01-2 | METALS | Chromium | 8.35 |
| Banning Park | BS-01-2 | METALS | Beryllium | 0.21 |
| Banning Park | BS-01-2 | METALS | Barium | 67.1 |
| Banning Park | BS-01-2 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-01-2 | SVOC | BaP TEQ | 0.0011 |
| Banning Park | BS-01-2 | METALS | Arsenic | 1.39 |
| Banning Park | BS-01-2 | METALS | Molybdenum | 0.186 |
| Banning Park | BS-01-2 | METALS | Zinc | 15.5 |
| Banning Park | BS-01-2 | METALS | Nickel | 5.03 |
| Banning Park | BS-01-2 | METALS | Mercury | 0.021 |
| Banning Park | BS-01-2 | METALS | Vanadium | 14.5 |
| Banning Park | BS-01-5 | METALS | Silver | <0.117 |
| Banning Park | BS-01-5 | METALS | Mercury | 0.0187 |
| Banning Park | BS-01-5 | METALS | Zinc | 14.4 |
| Banning Park | BS-01-5 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-01-5 | METALS | Selenium | <0.351 |
| Banning Park | BS-01-5 | METALS | Lead | 2.85 |
| Banning Park | BS-01-5 | METALS | Thallium | <0.232 |
| Banning Park | BS-01-5 | METALS | Nickel | 4.76 |
| Banning Park | BS-01-5 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-01-5 | SVOC | BaP TEQ | <0.00106 |
| Banning Park | BS-01-5 | METALS | Barium | 46.7 |
| Banning Park | BS-01-5 | METALS | Antimony | <0.306 |
| Banning Park | BS-01-5 | METALS | Arsenic | 1.39 |
| Banning Park | BS-01-5 | METALS | Vanadium | 14.6 |
| Banning Park | BS-01-5 | METALS | Beryllium | 0.225 |
| Banning Park | BS-01-5 | METALS | Chromium | 8.15 |
| Banning Park | BS-01-5 | METALS | Cobalt | 4.26 |
| Banning Park | BS-01-5 | METALS | Copper | 3.68 |
| Banning Park | BS-02-.5 | METALS | Vanadium | 16.5 |
| Banning Park | BS-02-.5 | METALS | Selenium | <0.351 |
| Banning Park | BS-02-.5 | METALS | Cadmium | 0.74 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Park | BS-02-.5 | METALS | Nickel | 7.53 |
| Banning Park | BS-02-.5 | METALS | Molybdenum | 0.151 |
| Banning Park | BS-02-.5 | METALS | Mercury | 0.0797 |
| Banning Park | BS-02-.5 | METALS | Zinc | 47.3 |
| Banning Park | BS-02-.5 | METALS | Lead | 20 |
| Banning Park | BS-02-.5 | METALS | Copper | 12.9 |
| Banning Park | BS-02-.5 | METALS | Cobalt | 4.4 |
| Banning Park | BS-02-.5 | METALS | Silver | 0.181 |
| Banning Park | BS-02-.5 | METALS | Antimony | <0.306 |
| Banning Park | BS-02-.5 | METALS | Arsenic | 2.25 |
| Banning Park | BS-02-.5 | METALS | Barium | 74.2 |
| Banning Park | BS-02-.5 | METALS | Beryllium | 0.206 |
| Banning Park | BS-02-.5 | SVOC | BaP TEQ | 0.0048 |
| Banning Park | BS-02-.5 | METALS | Thallium | <0.232 |
| Banning Park | BS-02-.5 | METALS | Chromium | 12.6 |
| Banning Park | BS-02-2 | METALS | Lead | 9.59 |
| Banning Park | BS-02-2 | METALS | Cobalt | 4.3 |
| Banning Park | BS-02-2 | METALS | Copper | 6.24 |
| Banning Park | BS-02-2 | METALS | Cadmium | 0.147 |
| Banning Park | BS-02-2 | METALS | Beryllium | 0.197 |
| Banning Park | BS-02-2 | METALS | Barium | 61 |
| Banning Park | BS-02-2 | METALS | Antimony | <0.306 |
| Banning Park | BS-02-2 | METALS | Mercury | 0.0294 |
| Banning Park | BS-02-2 | METALS | Selenium | <0.351 |
| Banning Park | BS-02-2 | METALS | Silver | <0.117 |
| Banning Park | BS-02-2 | METALS | Thallium | <0.232 |
| Banning Park | BS-02-2 | METALS | Arsenic | 1.56 |
| Banning Park | BS-02-2 | METALS | Nickel | 4.87 |
| Banning Park | BS-02-2 | METALS | Vanadium | 14 |
| Banning Park | BS-02-2 | METALS | Zinc | 18.9 |
| Banning Park | BS-02-2 | METALS | Chromium | 8.78 |
| Banning Park | BS-02-2 | METALS | Molybdenum | 0.138 |
| Banning Park | BS-02-2 | SVOC | BaP TEQ | 0.0029 |
| Banning Park | BS-02-5 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-02-5 | METALS | Lead | 5.01 |
| Banning Park | BS-02-5 | METALS | Copper | 5.03 |
| Banning Park | BS-02-5 | METALS | Cobalt | 4.62 |
| Banning Park | BS-02-5 | METALS | Chromium | 9.6 |
| Banning Park | BS-02-5 | METALS | Barium | 59.5 |
| Banning Park | BS-02-5 | METALS | Thallium | <0.232 |
| Banning Park | BS-02-5 | METALS | Silver | <0.117 |
| Banning Park | BS-02-5 | METALS | Mercury | 0.0279 |
| Banning Park | BS-02-5 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-02-5 | METALS | Beryllium | 0.233 |
| Banning Park | BS-02-5 | METALS | Antimony | <0.306 |
| Banning Park | BS-02-5 | METALS | Selenium | <0.351 |
| Banning Park | BS-02-5 | METALS | Vanadium | 15.7 |
| Banning Park | BS-02-5 | METALS | Zinc | 17.9 |
| Banning Park | BS-02-5 | SVOC | BaP TEQ | <0.00106 |
| Banning Park | BS-02-5 | METALS | Arsenic | 1.6 |
| Banning Park | BS-02-5 | METALS | Nickel | 5.48 |
| Banning Park | BS-03-.5 | METALS | Antimony | <0.306 |
| Banning Park | BS-03-.5 | SVOC | BaP TEQ | 0.0053 |
| Banning Park | BS-03-.5 | METALS | Zinc | 86.3 |
| Banning Park | BS-03-.5 | METALS | Lead | 31 |
| Banning Park | BS-03-.5 | METALS | Copper | 25.1 |
| Banning Park | BS-03-.5 | METALS | Cobalt | 4.49 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Park | BS-03-.5 | METALS | Cadmium | 3.81 |
| Banning Park | BS-03-.5 | METALS | Selenium | <0.351 |
| Banning Park | BS-03-.5 | METALS | Barium | 81.4 |
| Banning Park | BS-03-.5 | METALS | Vanadium | 17.6 |
| Banning Park | BS-03-.5 | METALS | Silver | 1.29 |
| Banning Park | BS-03-.5 | METALS | Nickel | 10.2 |
| Banning Park | BS-03-.5 | METALS | Molybdenum | 0.24 |
| Banning Park | BS-03-.5 | METALS | Mercury | 0.143 |
| Banning Park | BS-03-.5 | METALS | Beryllium | 0.192 |
| Banning Park | BS-03-.5 | METALS | Thallium | <0.232 |
| Banning Park | BS-03-.5 | METALS | Chromium | 28.2 |
| Banning Park | BS-03-.5 | METALS | Arsenic | 2.62 |
| Banning Park | BS-03-2 | METALS | Cobalt | 4.85 |
| Banning Park | BS-03-2 | METALS | Chromium | 14.1 |
| Banning Park | BS-03-2 | METALS | Cadmium | 0.712 |
| Banning Park | BS-03-2 | SVOC | BaP TEQ | 0.0019 |
| Banning Park | BS-03-2 | METALS | Beryllium | 0.23 |
| Banning Park | BS-03-2 | METALS | Barium | 82.7 |
| Banning Park | BS-03-2 | METALS | Zinc | 34.3 |
| Banning Park | BS-03-2 | METALS | Copper | 10.8 |
| Banning Park | BS-03-2 | METALS | Arsenic | 1.59 |
| Banning Park | BS-03-2 | METALS | Antimony | <0.306 |
| Banning Park | BS-03-2 | METALS | Lead | 11.7 |
| Banning Park | BS-03-2 | METALS | Thallium | <0.232 |
| Banning Park | BS-03-2 | METALS | Selenium | <0.351 |
| Banning Park | BS-03-2 | METALS | Vanadium | 16.6 |
| Banning Park | BS-03-2 | METALS | Silver | 0.181 |
| Banning Park | BS-03-2 | METALS | Nickel | 6.55 |
| Banning Park | BS-03-2 | METALS | Molybdenum | 0.123 |
| Banning Park | BS-03-2 | METALS | Mercury | 0.0571 |
| Banning Park | BS-03-5 | SVOC | BaP TEQ | <0.00106 |
| Banning Park | BS-03-5 | METALS | Zinc | 17.6 |
| Banning Park | BS-03-5 | METALS | Copper | 4.62 |
| Banning Park | BS-03-5 | METALS | Cobalt | 5.05 |
| Banning Park | BS-03-5 | METALS | Nickel | 5.74 |
| Banning Park | BS-03-5 | METALS | Molybdenum | 0.0978 |
| Banning Park | BS-03-5 | METALS | Arsenic | 1.54 |
| Banning Park | BS-03-5 | METALS | Lead | 3.16 |
| Banning Park | BS-03-5 | METALS | Vanadium | 16.6 |
| Banning Park | BS-03-5 | METALS | Silver | <0.117 |
| Banning Park | BS-03-5 | METALS | Selenium | <0.351 |
| Banning Park | BS-03-5 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-03-5 | METALS | Antimony | <0.306 |
| Banning Park | BS-03-5 | METALS | Barium | 64.4 |
| Banning Park | BS-03-5 | METALS | Chromium | 9.71 |
| Banning Park | BS-03-5 | METALS | Beryllium | 0.274 |
| Banning Park | BS-03-5 | METALS | Thallium | <0.232 |
| Banning Park | BS-03-5 | METALS | Mercury | 0.0286 |
| Banning Park | BS-04-.5 | METALS | Beryllium | 0.215 |
| Banning Park | BS-04-.5 | METALS | Zinc | 42.4 |
| Banning Park | BS-04-.5 | METALS | Vanadium | 17.4 |
| Banning Park | BS-04-.5 | METALS | Nickel | 6.54 |
| Banning Park | BS-04-.5 | METALS | Mercury | 0.0259 |
| Banning Park | BS-04-.5 | METALS | Lead | 11.1 |
| Banning Park | BS-04-.5 | METALS | Copper | 10.1 |
| Banning Park | BS-04-.5 | METALS | Cobalt | 4.92 |
| Banning Park | BS-04-.5 | METALS | Cadmium | 0.345 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Park | BS-04-.5 | METALS | Barium | 78.7 |
| Banning Park | BS-04-.5 | METALS | Arsenic | 1.66 |
| Banning Park | BS-04-.5 | METALS | Silver | <0.117 |
| Banning Park | BS-04-.5 | METALS | Chromium | 13.2 |
| Banning Park | BS-04-.5 | METALS | Antimony | <0.306 |
| Banning Park | BS-04-.5 | SVOC | BaP TEQ | 0.0029 |
| Banning Park | BS-04-.5 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-04-.5 | METALS | Selenium | <0.351 |
| Banning Park | BS-04-.5 | METALS | Thallium | <0.232 |
| Banning Park | BS-04-2 | METALS | Arsenic | 1.32 |
| Banning Park | BS-04-2 | METALS | Vanadium | 15.2 |
| Banning Park | BS-04-2 | METALS | Nickel | 5.38 |
| Banning Park | BS-04-2 | METALS | Mercury | 0.0182 |
| Banning Park | BS-04-2 | METALS | Lead | 3.3 |
| Banning Park | BS-04-2 | METALS | Cobalt | 4.63 |
| Banning Park | BS-04-2 | METALS | Antimony | <0.306 |
| Banning Park | BS-04-2 | METALS | Barium | 71.2 |
| Banning Park | BS-04-2 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-04-2 | METALS | Zinc | 17.8 |
| Banning Park | BS-04-2 | METALS | Thallium | <0.232 |
| Banning Park | BS-04-2 | METALS | Copper | 5.86 |
| Banning Park | BS-04-2 | METALS | Silver | <0.117 |
| Banning Park | BS-04-2 | METALS | Selenium | <0.351 |
| Banning Park | BS-04-2 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-04-2 | METALS | Beryllium | 0.221 |
| Banning Park | BS-04-2 | SVOC | BaP TEQ | 0.0011 |
| Banning Park | BS-04-2 | METALS | Chromium | 8.89 |
| Banning Park | BS-04-5 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-04-5 | METALS | Selenium | <0.351 |
| Banning Park | BS-04-5 | METALS | Copper | 3.97 |
| Banning Park | BS-04-5 | METALS | Silver | <0.117 |
| Banning Park | BS-04-5 | METALS | Antimony | <0.306 |
| Banning Park | BS-04-5 | SVOC | BaP TEQ | <0.00106 |
| Banning Park | BS-04-5 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-04-5 | METALS | Thallium | <0.232 |
| Banning Park | BS-04-5 | METALS | Lead | 3.47 |
| Banning Park | BS-04-5 | METALS | Vanadium | 18.2 |
| Banning Park | BS-04-5 | METALS | Nickel | 5.18 |
| Banning Park | BS-04-5 | METALS | Mercury | 0.0175 |
| Banning Park | BS-04-5 | METALS | Cobalt | 5.13 |
| Banning Park | BS-04-5 | METALS | Chromium | 9.56 |
| Banning Park | BS-04-5 | METALS | Beryllium | 0.27 |
| Banning Park | BS-04-5 | METALS | Zinc | 16.1 |
| Banning Park | BS-04-5 | METALS | Barium | 52.6 |
| Banning Park | BS-04-5 | METALS | Arsenic | 1.81 |
| Banning Park | BS-05-.5 | METALS | Chromium | 8.42 |
| Banning Park | BS-05-.5 | SVOC | BaP TEQ | 0.0017 |
| Banning Park | BS-05-.5 | METALS | Copper | 6.29 |
| Banning Park | BS-05-.5 | METALS | Lead | 7.09 |
| Banning Park | BS-05-.5 | METALS | Mercury | 0.0281 |
| Banning Park | BS-05-.5 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-05-.5 | METALS | Vanadium | 14.3 |
| Banning Park | BS-05-.5 | METALS | Cobalt | 4.44 |
| Banning Park | BS-05-.5 | METALS | Selenium | <0.351 |
| Banning Park | BS-05-.5 | METALS | Silver | <0.117 |
| Banning Park | BS-05-.5 | METALS | Thallium | <0.232 |
| Banning Park | BS-05-.5 | METALS | Zinc | 18.5 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Park | BS-05-.5 | METALS | Beryllium | 0.195 |
| Banning Park | BS-05-.5 | METALS | Barium | 60.2 |
| Banning Park | BS-05-.5 | METALS | Nickel | 5.24 |
| Banning Park | BS-05-.5 | METALS | Antimony | <0.306 |
| Banning Park | BS-05-.5 | METALS | Arsenic | 11.9 |
| Banning Park | BS-05-.5 | METALS | Cadmium | 0.116 |
| Banning Park | BS-05-05 | METALS | Selenium | <0.351 |
| Banning Park | BS-05-05 | METALS | Zinc | 18.2 |
| Banning Park | BS-05-05 | METALS | Thallium | <0.232 |
| Banning Park | BS-05-05 | METALS | Antimony | <0.306 |
| Banning Park | BS-05-05 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-05-05 | METALS | Silver | <0.117 |
| Banning Park | BS-05-05 | METALS | Arsenic | 2.16 |
| Banning Park | BS-05-05 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-05-05 | METALS | Barium | 55 |
| Banning Park | BS-05-05 | METALS | Beryllium | 0.287 |
| Banning Park | BS-05-05 | SVOC | BaP TEQ | <0.00106 |
| Banning Park | BS-05-05 | METALS | Vanadium | 19.2 |
| Banning Park | BS-05-05 | METALS | Chromium | 9.55 |
| Banning Park | BS-05-05 | METALS | Cobalt | 5.57 |
| Banning Park | BS-05-05 | METALS | Copper | 4.67 |
| Banning Park | BS-05-05 | METALS | Lead | 4.99 |
| Banning Park | BS-05-05 | METALS | Mercury | 0.0222 |
| Banning Park | BS-05-05 | METALS | Nickel | 5.85 |
| Banning Park | BS-05-2 | METALS | Thallium | <0.232 |
| Banning Park | BS-05-2 | METALS | Antimony | <0.306 |
| Banning Park | BS-05-2 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-05-2 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-05-2 | SVOC | BaP TEQ | 0.0011 |
| Banning Park | BS-05-2 | METALS | Selenium | <0.351 |
| Banning Park | BS-05-2 | METALS | Silver | <0.117 |
| Banning Park | BS-05-2 | METALS | Lead | 5.83 |
| Banning Park | BS-05-2 | METALS | Arsenic | 2.85 |
| Banning Park | BS-05-2 | METALS | Zinc | 17.7 |
| Banning Park | BS-05-2 | METALS | Vanadium | 15.4 |
| Banning Park | BS-05-2 | METALS | Nickel | 5.45 |
| Banning Park | BS-05-2 | METALS | Mercury | 0.0187 |
| Banning Park | BS-05-2 | METALS | Cobalt | 4.75 |
| Banning Park | BS-05-2 | METALS | Copper | 6.35 |
| Banning Park | BS-05-2 | METALS | Chromium | 9.22 |
| Banning Park | BS-05-2 | METALS | Beryllium | 0.214 |
| Banning Park | BS-05-2 | METALS | Barium | 68.9 |
| Banning Park | BS-06-.5 | METALS | Barium | 267 |
| Banning Park | BS-06-.5 | METALS | Arsenic | 3.79 |
| Banning Park | BS-06-.5 | METALS | Cadmium | 1.14 |
| Banning Park | BS-06-.5 | METALS | Lead | 68.1 |
| Banning Park | BS-06-.5 | METALS | Chromium | 19.2 |
| Banning Park | BS-06-.5 | METALS | Cobalt | 5.53 |
| Banning Park | BS-06-.5 | METALS | Copper | 59 |
| Banning Park | BS-06-.5 | METALS | Mercury | 0.324 |
| Banning Park | BS-06-.5 | METALS | Nickel | 20.8 |
| Banning Park | BS-06-.5 | METALS | Silver | 1.22 |
| Banning Park | BS-06-.5 | METALS | Vanadium | 22.8 |
| Banning Park | BS-06-.5 | METALS | Zinc | 55.1 |
| Banning Park | BS-06-.5 | SVOC | BaP TEQ | 0.0183 |
| Banning Park | BS-06-.5 | METALS | Beryllium | 0.299 |
| Banning Park | BS-06-.5 | METALS | Selenium | <0.351 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Park | BS-06-.5 | METALS | Thallium | <0.232 |
| Banning Park | BS-06-.5 | METALS | Molybdenum | 0.136 |
| Banning Park | BS-06-.5 | METALS | Antimony | 0.741 |
| Banning Park | BS-06-2 | METALS | Chromium | 9.33 |
| Banning Park | BS-06-2 | SVOC | BaP TEQ | 0.0012 |
| Banning Park | BS-06-2 | METALS | Zinc | 16.8 |
| Banning Park | BS-06-2 | METALS | Vanadium | 15.4 |
| Banning Park | BS-06-2 | METALS | Nickel | 5.48 |
| Banning Park | BS-06-2 | METALS | Mercury | 0.0349 |
| Banning Park | BS-06-2 | METALS | Lead | 4.34 |
| Banning Park | BS-06-2 | METALS | Cobalt | 4.53 |
| Banning Park | BS-06-2 | METALS | Cadmium | 0.161 |
| Banning Park | BS-06-2 | METALS | Beryllium | 0.212 |
| Banning Park | BS-06-2 | METALS | Barium | 74.1 |
| Banning Park | BS-06-2 | METALS | Antimony | <0.306 |
| Banning Park | BS-06-2 | METALS | Arsenic | 2.08 |
| Banning Park | BS-06-2 | METALS | Copper | 8.58 |
| Banning Park | BS-06-2 | METALS | Thallium | <0.232 |
| Banning Park | BS-06-2 | METALS | Silver | <0.117 |
| Banning Park | BS-06-2 | METALS | Selenium | <0.351 |
| Banning Park | BS-06-2 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-06-5 | METALS | Lead | 2.71 |
| Banning Park | BS-06-5 | METALS | Mercury | 0.0306 |
| Banning Park | BS-06-5 | METALS | Nickel | 4.88 |
| Banning Park | BS-06-5 | METALS | Vanadium | 14.9 |
| Banning Park | BS-06-5 | METALS | Copper | 3.41 |
| Banning Park | BS-06-5 | METALS | Zinc | 14.5 |
| Banning Park | BS-06-5 | METALS | Arsenic | 1.58 |
| Banning Park | BS-06-5 | SVOC | BaP TEQ | <0.00106 |
| Banning Park | BS-06-5 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-06-5 | METALS | Cobalt | 4.24 |
| Banning Park | BS-06-5 | METALS | Chromium | 7.93 |
| Banning Park | BS-06-5 | METALS | Barium | 40.8 |
| Banning Park | BS-06-5 | METALS | Thallium | <0.232 |
| Banning Park | BS-06-5 | METALS | Silver | <0.117 |
| Banning Park | BS-06-5 | METALS | Selenium | <0.351 |
| Banning Park | BS-06-5 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-06-5 | METALS | Antimony | <0.306 |
| Banning Park | BS-06-5 | METALS | Beryllium | 0.232 |
| Banning Park | BS-07-.5 | METALS | Cobalt | 5.17 |
| Banning Park | BS-07-.5 | METALS | Silver | <0.117 |
| Banning Park | BS-07-.5 | METALS | Vanadium | 18 |
| Banning Park | BS-07-.5 | METALS | Zinc | 42.6 |
| Banning Park | BS-07-.5 | METALS | Molybdenum | 0.179 |
| Banning Park | BS-07-.5 | METALS | Mercury | 0.0494 |
| Banning Park | BS-07-.5 | METALS | Nickel | 7.35 |
| Banning Park | BS-07-.5 | METALS | Thallium | <0.232 |
| Banning Park | BS-07-.5 | METALS | Selenium | <0.351 |
| Banning Park | BS-07-.5 | METALS | Antimony | <0.306 |
| Banning Park | BS-07-.5 | SVOC | BaP TEQ | 0.0091 |
| Banning Park | BS-07-.5 | METALS | Barium | 80.5 |
| Banning Park | BS-07-.5 | METALS | Lead | 24.7 |
| Banning Park | BS-07-.5 | METALS | Copper | 12.2 |
| Banning Park | BS-07-.5 | METALS | Arsenic | 3.36 |
| Banning Park | BS-07-.5 | METALS | Chromium | 13 |
| Banning Park | BS-07-.5 | METALS | Cadmium | 0.552 |
| Banning Park | BS-07-.5 | METALS | Beryllium | 0.244 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Park | BS-07-2 | METALS | Barium | 73 |
| Banning Park | BS-07-2 | METALS | Cadmium | 0.185 |
| Banning Park | BS-07-2 | METALS | Chromium | 9.59 |
| Banning Park | BS-07-2 | METALS | Cobalt | 4.76 |
| Banning Park | BS-07-2 | METALS | Copper | 7.48 |
| Banning Park | BS-07-2 | METALS | Nickel | 5.75 |
| Banning Park | BS-07-2 | METALS | Mercury | 0.0227 |
| Banning Park | BS-07-2 | METALS | Vanadium | 15.8 |
| Banning Park | BS-07-2 | METALS | Molybdenum | 0.128 |
| Banning Park | BS-07-2 | METALS | Arsenic | 1.71 |
| Banning Park | BS-07-2 | METALS | Zinc | 21.8 |
| Banning Park | BS-07-2 | METALS | Lead | 7.69 |
| Banning Park | BS-07-2 | METALS | Beryllium | 0.221 |
| Banning Park | BS-07-2 | METALS | Silver | <0.117 |
| Banning Park | BS-07-2 | METALS | Thallium | <0.232 |
| Banning Park | BS-07-2 | METALS | Antimony | <0.306 |
| Banning Park | BS-07-2 | METALS | Selenium | <0.351 |
| Banning Park | BS-07-2 | SVOC | BaP TEQ | 0.0016 |
| Banning Park | BS-07-5 | METALS | Arsenic | 1.16 |
| Banning Park | BS-07-5 | METALS | Barium | 46.3 |
| Banning Park | BS-07-5 | METALS | Chromium | 7.92 |
| Banning Park | BS-07-5 | METALS | Lead | 2.77 |
| Banning Park | BS-07-5 | METALS | Beryllium | 0.21 |
| Banning Park | BS-07-5 | METALS | Mercury | 0.0235 |
| Banning Park | BS-07-5 | METALS | Nickel | 4.68 |
| Banning Park | BS-07-5 | METALS | Vanadium | 14.1 |
| Banning Park | BS-07-5 | METALS | Zinc | 13.3 |
| Banning Park | BS-07-5 | METALS | Copper | 3.49 |
| Banning Park | BS-07-5 | METALS | Antimony | <0.306 |
| Banning Park | BS-07-5 | METALS | Thallium | <0.232 |
| Banning Park | BS-07-5 | METALS | Silver | <0.117 |
| Banning Park | BS-07-5 | METALS | Selenium | <0.351 |
| Banning Park | BS-07-5 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-07-5 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-07-5 | SVOC | BaP TEQ | <0.00106 |
| Banning Park | BS-07-5 | METALS | Cobalt | 4.19 |
| Banning Park | BS-08-.5 | METALS | Vanadium | 16 |
| Banning Park | BS-08-.5 | METALS | Nickel | 7.1 |
| Banning Park | BS-08-.5 | METALS | Mercury | 0.0402 |
| Banning Park | BS-08-.5 | METALS | Lead | 7.19 |
| Banning Park | BS-08-.5 | METALS | Copper | 14.8 |
| Banning Park | BS-08-.5 | METALS | Cobalt | 4.73 |
| Banning Park | BS-08-.5 | METALS | Chromium | 12.6 |
| Banning Park | BS-08-.5 | METALS | Cadmium | 0.61 |
| Banning Park | BS-08-.5 | METALS | Beryllium | 0.223 |
| Banning Park | BS-08-.5 | METALS | Arsenic | 1.96 |
| Banning Park | BS-08-.5 | METALS | Silver | 0.132 |
| Banning Park | BS-08-.5 | METALS | Zinc | 23.5 |
| Banning Park | BS-08-.5 | METALS | Antimony | <0.306 |
| Banning Park | BS-08-.5 | METALS | Selenium | <0.351 |
| Banning Park | BS-08-.5 | METALS | Thallium | <0.232 |
| Banning Park | BS-08-.5 | METALS | Barium | 72.8 |
| Banning Park | BS-08-.5 | SVOC | BaP TEQ | 0.0017 |
| Banning Park | BS-08-.5 | METALS | Molybdenum | 0.154 |
| Banning Park | BS-08-2 | METALS | Silver | 0.286 |
| Banning Park | BS-08-2 | METALS | Thallium | <0.232 |
| Banning Park | BS-08-2 | METALS | Mercury | 0.0418 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Park | BS-08-2 | METALS | Zinc | 30.6 |
| Banning Park | BS-08-2 | METALS | Selenium | <0.351 |
| Banning Park | BS-08-2 | SVOC | BaP TEQ | 0.0027 |
| Banning Park | BS-08-2 | METALS | Antimony | <0.306 |
| Banning Park | BS-08-2 | METALS | Nickel | 6.86 |
| Banning Park | BS-08-2 | METALS | Cobalt | 5.01 |
| Banning Park | BS-08-2 | METALS | Arsenic | 1.6 |
| Banning Park | BS-08-2 | METALS | Lead | 10.9 |
| Banning Park | BS-08-2 | METALS | Barium | 81.7 |
| Banning Park | BS-08-2 | METALS | Beryllium | 0.237 |
| Banning Park | BS-08-2 | METALS | Cadmium | 1.03 |
| Banning Park | BS-08-2 | METALS | Chromium | 16.1 |
| Banning Park | BS-08-2 | METALS | Molybdenum | 0.398 |
| Banning Park | BS-08-2 | METALS | Vanadium | 16.9 |
| Banning Park | BS-08-2 | METALS | Copper | 12.5 |
| Banning Park | BS-08-5 | METALS | Antimony | <0.306 |
| Banning Park | BS-08-5 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-08-5 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-08-5 | METALS | Selenium | <0.351 |
| Banning Park | BS-08-5 | METALS | Thallium | <0.232 |
| Banning Park | BS-08-5 | METALS | Cobalt | 3.66 |
| Banning Park | BS-08-5 | METALS | Silver | <0.117 |
| Banning Park | BS-08-5 | METALS | Copper | 2.69 |
| Banning Park | BS-08-5 | METALS | Arsenic | 1.11 |
| Banning Park | BS-08-5 | METALS | Barium | 38.3 |
| Banning Park | BS-08-5 | METALS | Beryllium | 0.182 |
| Banning Park | BS-08-5 | METALS | Lead | 2.3 |
| Banning Park | BS-08-5 | METALS | Chromium | 6.76 |
| Banning Park | BS-08-5 | SVOC | BaP TEQ | <0.00106 |
| Banning Park | BS-08-5 | METALS | Mercury | 0.0244 |
| Banning Park | BS-08-5 | METALS | Nickel | 3.68 |
| Banning Park | BS-08-5 | METALS | Vanadium | 12.6 |
| Banning Park | BS-08-5 | METALS | Zinc | 11.5 |
| Banning Park | BS-09-.5 | METALS | Thallium | <0.232 |
| Banning Park | BS-09-.5 | METALS | Antimony | <0.306 |
| Banning Park | BS-09-.5 | METALS | Selenium | <0.351 |
| Banning Park | BS-09-.5 | SVOC | BaP TEQ | 0.0058 |
| Banning Park | BS-09-.5 | METALS | Cadmium | 1.8 |
| Banning Park | BS-09-.5 | METALS | Lead | 54 |
| Banning Park | BS-09-.5 | METALS | Arsenic | 4.64 |
| Banning Park | BS-09-.5 | METALS | Barium | 87.2 |
| Banning Park | BS-09-.5 | METALS | Beryllium | 0.205 |
| Banning Park | BS-09-.5 | METALS | Cobalt | 4.7 |
| Banning Park | BS-09-.5 | METALS | Copper | 24.5 |
| Banning Park | BS-09-.5 | METALS | Mercury | 0.085 |
| Banning Park | BS-09-.5 | METALS | Molybdenum | 0.107 |
| Banning Park | BS-09-.5 | METALS | Nickel | 7.82 |
| Banning Park | BS-09-.5 | METALS | Silver | 0.924 |
| Banning Park | BS-09-.5 | METALS | Vanadium | 16.2 |
| Banning Park | BS-09-.5 | METALS | Zinc | 57.9 |
| Banning Park | BS-09-.5 | METALS | Chromium | 19.3 |
| Banning Park | BS-09-2 | METALS | Antimony | <0.306 |
| Banning Park | BS-09-2 | METALS | Chromium | 10.1 |
| Banning Park | BS-09-2 | SVOC | BaP TEQ | 0.0013 |
| Banning Park | BS-09-2 | METALS | Selenium | <0.351 |
| Banning Park | BS-09-2 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-09-2 | METALS | Silver | <0.117 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Park | BS-09-2 | METALS | Thallium | <0.232 |
| Banning Park | BS-09-2 | METALS | Nickel | 5.95 |
| Banning Park | BS-09-2 | METALS | Arsenic | 1.99 |
| Banning Park | BS-09-2 | METALS | Barium | 75.9 |
| Banning Park | BS-09-2 | METALS | Beryllium | 0.233 |
| Banning Park | BS-09-2 | METALS | Cadmium | 0.105 |
| Banning Park | BS-09-2 | METALS | Cobalt | 5.06 |
| Banning Park | BS-09-2 | METALS | Copper | 8.18 |
| Banning Park | BS-09-2 | METALS | Mercury | 0.0234 |
| Banning Park | BS-09-2 | METALS | Vanadium | 16.5 |
| Banning Park | BS-09-2 | METALS | Zinc | 19 |
| Banning Park | BS-09-2 | METALS | Lead | 5.58 |
| Banning Park | BS-09-5 | METALS | Mercury | 0.0189 |
| Banning Park | BS-09-5 | METALS | Selenium | <0.351 |
| Banning Park | BS-09-5 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-09-5 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-09-5 | METALS | Antimony | <0.306 |
| Banning Park | BS-09-5 | METALS | Thallium | <0.232 |
| Banning Park | BS-09-5 | METALS | Silver | <0.117 |
| Banning Park | BS-09-5 | METALS | Nickel | 5.42 |
| Banning Park | BS-09-5 | METALS | Barium | 52.6 |
| Banning Park | BS-09-5 | METALS | Lead | 3.16 |
| Banning Park | BS-09-5 | METALS | Copper | 4.16 |
| Banning Park | BS-09-5 | METALS | Cobalt | 6.53 |
| Banning Park | BS-09-5 | SVOC | BaP TEQ | <0.00106 |
| Banning Park | BS-09-5 | METALS | Zinc | 16.7 |
| Banning Park | BS-09-5 | METALS | Chromium | 9.17 |
| Banning Park | BS-09-5 | METALS | Beryllium | 0.262 |
| Banning Park | BS-09-5 | METALS | Arsenic | 1.64 |
| Banning Park | BS-09-5 | METALS | Vanadium | 18.2 |
| Banning Park | BS-10-.5 | SVOC | BaP TEQ | 0.0160 |
| Banning Park | BS-10-.5 | METALS | Antimony | <0.306 |
| Banning Park | BS-10-.5 | METALS | Cobalt | 4.53 |
| Banning Park | BS-10-.5 | METALS | Zinc | 85.5 |
| Banning Park | BS-10-.5 | METALS | Vanadium | 16.5 |
| Banning Park | BS-10-.5 | METALS | Silver | 0.751 |
| Banning Park | BS-10-.5 | METALS | Nickel | 9.24 |
| Banning Park | BS-10-.5 | METALS | Cadmium | 1.63 |
| Banning Park | BS-10-.5 | METALS | Mercury | 0.107 |
| Banning Park | BS-10-.5 | METALS | Lead | 55.7 |
| Banning Park | BS-10-.5 | METALS | Copper | 26 |
| Banning Park | BS-10-.5 | METALS | Selenium | <0.351 |
| Banning Park | BS-10-.5 | METALS | Chromium | 16.9 |
| Banning Park | BS-10-.5 | METALS | Arsenic | 2.59 |
| Banning Park | BS-10-.5 | METALS | Barium | 95.6 |
| Banning Park | BS-10-.5 | METALS | Thallium | <0.232 |
| Banning Park | BS-10-.5 | METALS | Beryllium | 0.191 |
| Banning Park | BS-10-.5 | METALS | Molybdenum | 0.156 |
| Banning Park | BS-10-2 | METALS | Mercury | 0.0184 |
| Banning Park | BS-10-2 | METALS | Beryllium | 0.229 |
| Banning Park | BS-10-2 | METALS | Zinc | 19 |
| Banning Park | BS-10-2 | METALS | Thallium | <0.232 |
| Banning Park | BS-10-2 | METALS | Barium | 74.8 |
| Banning Park | BS-10-2 | METALS | Antimony | <0.306 |
| Banning Park | BS-10-2 | METALS | Cadmium | <0.0883 |
| Banning Park | BS-10-2 | METALS | Molybdenum | <0.0777 |
| Banning Park | BS-10-2 | METALS | Selenium | <0.351 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Park | BS-10-2 | METALS | Vanadium | 16.3 |
| Banning Park | BS-10-2 | METALS | Silver | <0.117 |
| Banning Park | BS-10-2 | METALS | Nickel | 5.73 |
| Banning Park | BS-10-2 | SVOC | BaP TEQ | 0.0013 |
| Banning Park | BS-10-2 | METALS | Arsenic | 1.48 |
| Banning Park | BS-10-2 | METALS | Chromium | 9.44 |
| Banning Park | BS-10-2 | METALS | Cobalt | 5.16 |
| Banning Park | BS-10-2 | METALS | Copper | 6.79 |
| Banning Park | BS-10-2 | METALS | Lead | 4.45 |
| Banning Park | BS-10-5A | METALS | Vanadium | 17.5 |
| Banning Park | BS-10-5A | SVOC | BaP TEQ | 0.0026 |
| Banning Park | BS-10-5A | METALS | Silver | <0.117 |
| Banning Park | BS-10-5A | METALS | Antimony | <0.306 |
| Banning Park | BS-10-5A | METALS | Zinc | 24.2 |
| Banning Park | BS-10-5A | METALS | Nickel | 5.98 |
| Banning Park | BS-10-5A | METALS | Selenium | <0.351 |
| Banning Park | BS-10-5A | METALS | Thallium | <0.232 |
| Banning Park | BS-10-5A | METALS | Arsenic | 1.6 |
| Banning Park | BS-10-5A | METALS | Barium | 58.9 |
| Banning Park | BS-10-5A | METALS | Beryllium | 0.24 |
| Banning Park | BS-10-5A | METALS | Mercury | 0.0244 |
| Banning Park | BS-10-5A | METALS | Chromium | 10.4 |
| Banning Park | BS-10-5A | METALS | Cobalt | 5.02 |
| Banning Park | BS-10-5A | METALS | Copper | 6.31 |
| Banning Park | BS-10-5A | METALS | Molybdenum | 0.122 |
| Banning Park | BS-10-5A | METALS | Lead | 7.73 |
| Banning Park | BS-10-5A | METALS | Cadmium | 0.159 |
| Banning Elementary School | SB-1-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-1-0.5 | METALS | Cobalt | 5.6 |
| Banning Elementary School | SB-1-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-1-0.5 | METALS | Lead | 21.6 |
| Banning Elementary School | SB-1-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-1-0.5 | METALS | Nickel | 9.2 |
| Banning Elementary School | SB-1-0.5 | METALS | Vanadium | 33.9 |
| Banning Elementary School | SB-1-0.5 | METALS | Zinc | 92.5 |
| Banning Elementary School | SB-1-0.5 | METALS | Copper | 25.6 |
| Banning Elementary School | SB-1-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-1-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-1-0.5 | METALS | Barium | 575 |
| Banning Elementary School | SB-1-0.5 | METALS | Beryllium | 0.4 |
| Banning Elementary School | SB-1-0.5 | METALS | Cadmium | 0.2 |
| Banning Elementary School | SB-1-0.5 | METALS | Chromium | 11.2 |
| Banning Elementary School | SB-1-0.5 | METALS | Arsenic | 3.6 |
| Banning Elementary School | SB-1-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-10-0.5 | METALS | Cobalt | 3.3 |
| Banning Elementary School | SB-10-0.5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-10-0.5 | METALS | Arsenic | 1.6 |
| Banning Elementary School | SB-10-0.5 | METALS | Barium | 38.4 |
| Banning Elementary School | SB-10-0.5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-10-0.5 | METALS | Chromium | 7.6 |
| Banning Elementary School | SB-10-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-10-0.5 | METALS | Copper | 9.9 |
| Banning Elementary School | SB-10-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-10-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-10-0.5 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-10-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-10-0.5 | METALS | Antimony | <0.5 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-10-0.5 | METALS | Zinc | 25.7 |
| Banning Elementary School | SB-10-0.5 | METALS | Vanadium | 13.6 |
| Banning Elementary School | SB-10-0.5 | METALS | Lead | 3.3 |
| Banning Elementary School | SB-10-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-10-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-10-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-10-1 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-10-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-10-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-10-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-10-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-10-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-10-1 | METALS | Zinc | 13.6 |
| Banning Elementary School | SB-10-1 | METALS | Vanadium | 10.5 |
| Banning Elementary School | SB-10-1 | METALS | Lead | 3.2 |
| Banning Elementary School | SB-10-1 | METALS | Copper | 4.3 |
| Banning Elementary School | SB-10-1 | METALS | Cobalt | 2.5 |
| Banning Elementary School | SB-10-1 | METALS | Chromium | 5.3 |
| Banning Elementary School | SB-10-1 | METALS | Barium | 22 |
| Banning Elementary School | SB-10-1 | METALS | Arsenic | 2 |
| Banning Elementary School | SB-10-1 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-10-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-10-5 | METALS | Zinc | 47.5 |
| Banning Elementary School | SB-10-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-10-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-10-5 | METALS | Arsenic | 1.7 |
| Banning Elementary School | SB-10-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-10-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-10-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-10-5 | METALS | Lead | <2.5 |
| Banning Elementary School | SB-10-5 | METALS | Vanadium | 30.6 |
| Banning Elementary School | SB-10-5 | METALS | Nickel | 6.8 |
| Banning Elementary School | SB-10-5 | METALS | Copper | 19 |
| Banning Elementary School | SB-10-5 | METALS | Cobalt | 9.1 |
| Banning Elementary School | SB-10-5 | METALS | Chromium | 17.6 |
| Banning Elementary School | SB-10-5 | METALS | Cadmium | 0.4 |
| Banning Elementary School | SB-10-5 | METALS | Beryllium | 0.4 |
| Banning Elementary School | SB-10-5 | METALS | Barium | 59.5 |
| Banning Elementary School | SB-1-1 | METALS | Lead | 9.4 |
| Banning Elementary School | SB-1-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-1-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-1-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-1-1 | METALS | Arsenic | 2.2 |
| Banning Elementary School | SB-1-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-1-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-1-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-1-1 | METALS | Zinc | 38.3 |
| Banning Elementary School | SB-1-1 | METALS | Nickel | 8 |
| Banning Elementary School | SB-1-1 | METALS | Copper | 12.4 |
| Banning Elementary School | SB-1-1 | METALS | Cobalt | 3.7 |
| Banning Elementary School | SB-1-1 | METALS | Chromium | 12.1 |
| Banning Elementary School | SB-1-1 | METALS | Cadmium | 0.2 |
| Banning Elementary School | SB-1-1 | METALS | Barium | 39 |
| Banning Elementary School | SB-1-1 | METALS | Vanadium | 24.6 |
| Banning Elementary School | SB-1-1 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-11-0.5 | METALS | Vanadium | 12.7 |
| Banning Elementary School | SB-11-0.5 | METALS | Thallium | <0.3 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-11-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-11-0.5 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-11-0.5 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-11-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-11-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-11-0.5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-11-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-11-0.5 | METALS | Zinc | 24.6 |
| Banning Elementary School | SB-11-0.5 | METALS | Lead | 6 |
| Banning Elementary School | SB-11-0.5 | METALS | Copper | 19.1 |
| Banning Elementary School | SB-11-0.5 | METALS | Cobalt | 4.5 |
| Banning Elementary School | SB-11-0.5 | METALS | Chromium | 9.4 |
| Banning Elementary School | SB-11-0.5 | METALS | Barium | 36.2 |
| Banning Elementary School | SB-11-0.5 | METALS | Arsenic | 1.6 |
| Banning Elementary School | SB-11-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-11-1 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-11-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-11-1 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-11-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-11-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-11-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-11-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-11-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-11-1 | METALS | Lead | 4.7 |
| Banning Elementary School | SB-11-1 | METALS | Arsenic | 0.9 |
| Banning Elementary School | SB-11-1 | METALS | Barium | 25.9 |
| Banning Elementary School | SB-11-1 | METALS | Chromium | 10.5 |
| Banning Elementary School | SB-11-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-11-1 | METALS | Copper | 7.2 |
| Banning Elementary School | SB-11-1 | METALS | Vanadium | 6.2 |
| Banning Elementary School | SB-11-1 | METALS | Zinc | 11.2 |
| Banning Elementary School | SB-11-1 | METALS | Cobalt | 2.9 |
| Banning Elementary School | SB-11-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-11-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-11-5 | METALS | Vanadium | 36.1 |
| Banning Elementary School | SB-11-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-11-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-11-5 | METALS | Nickel | 5.1 |
| Banning Elementary School | SB-11-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-11-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-11-5 | METALS | Zinc | 51.2 |
| Banning Elementary School | SB-11-5 | METALS | Barium | 86.7 |
| Banning Elementary School | SB-11-5 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-11-5 | METALS | Lead | 9.3 |
| Banning Elementary School | SB-11-5 | METALS | Copper | 26 |
| Banning Elementary School | SB-11-5 | METALS | Cobalt | 9.2 |
| Banning Elementary School | SB-11-5 | METALS | Chromium | 21.6 |
| Banning Elementary School | SB-11-5 | METALS | Arsenic | 9 |
| Banning Elementary School | SB-11-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-12-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-12-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-12-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-12-0.5 | METALS | Vanadium | 26.9 |
| Banning Elementary School | SB-12-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-12-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-12-0.5 | METALS | Chromium | 10.7 |
| Banning Elementary School | SB-12-0.5 | METALS | Cadmium | <0.1 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-12-0.5 | METALS | Lead | 16.5 |
| Banning Elementary School | SB-12-0.5 | METALS | Cobalt | 5.4 |
| Banning Elementary School | SB-12-0.5 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-12-0.5 | METALS | Barium | 47.2 |
| Banning Elementary School | SB-12-0.5 | METALS | Arsenic | 1.3 |
| Banning Elementary School | SB-12-0.5 | METALS | Zinc | 54 |
| Banning Elementary School | SB-12-0.5 | METALS | Nickel | 3.4 |
| Banning Elementary School | SB-12-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-12-0.5 | METALS | Copper | 18.7 |
| Banning Elementary School | SB-12-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-12-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-12-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-12-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-12-1 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-12-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-12-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-12-1 | METALS | Barium | 51 |
| Banning Elementary School | SB-12-1 | METALS | Zinc | 34.9 |
| Banning Elementary School | SB-12-1 | METALS | Vanadium | 21.5 |
| Banning Elementary School | SB-12-1 | METALS | Lead | 5.7 |
| Banning Elementary School | SB-12-1 | METALS | Copper | 14.1 |
| Banning Elementary School | SB-12-1 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-12-1 | METALS | Cobalt | 6.2 |
| Banning Elementary School | SB-12-1 | METALS | Arsenic | 1.1 |
| Banning Elementary School | SB-12-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-12-1 | METALS | Chromium | 11.2 |
| Banning Elementary School | SB-12-5 | METALS | Lead | 4.1 |
| Banning Elementary School | SB-12-5 | METALS | Chromium | 6.1 |
| Banning Elementary School | SB-12-5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-12-5 | METALS | Barium | 27.1 |
| Banning Elementary School | SB-12-5 | METALS | Arsenic | 1.3 |
| Banning Elementary School | SB-12-5 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-12-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-12-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-12-5 | METALS | Copper | 7.3 |
| Banning Elementary School | SB-12-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-12-5 | METALS | Vanadium | 12.5 |
| Banning Elementary School | SB-12-5 | METALS | Cobalt | 3.5 |
| Banning Elementary School | SB-12-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-12-5 | METALS | Zinc | 20.1 |
| Banning Elementary School | SB-12-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-12-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-12-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-13-0 | METALS | Cobalt | 6.1 |
| Banning Elementary School | SB-13-0 | METALS | Cadmium | 0.5 |
| Banning Elementary School | SB-13-0 | METALS | Nickel | 14.1 |
| Banning Elementary School | SB-13-0 | METALS | Chromium | 14.8 |
| Banning Elementary School | SB-13-0 | METALS | Vanadium | 28.1 |
| Banning Elementary School | SB-13-0 | METALS | Zinc | 102 |
| Banning Elementary School | SB-13-0 | METALS | Lead | 30.8 |
| Banning Elementary School | SB-13-0 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-13-0 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-13-0 | METALS | Copper | 21.5 |
| Banning Elementary School | SB-13-0 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-13-0 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-13-0 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-13-0 | METALS | Thallium | <0.3 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-13-0 | METALS | Arsenic | 2.9 |
| Banning Elementary School | SB-13-0 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-13-0 | METALS | Barium | 108 |
| Banning Elementary School | SB-13-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-13-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-13-1 | METALS | Nickel | 27.2 |
| Banning Elementary School | SB-13-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-13-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-13-1 | METALS | Vanadium | 47.1 |
| Banning Elementary School | SB-13-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-13-1 | METALS | Arsenic | 1.6 |
| Banning Elementary School | SB-13-1 | METALS | Copper | 44.1 |
| Banning Elementary School | SB-13-1 | METALS | Cobalt | 15.7 |
| Banning Elementary School | SB-13-1 | METALS | Chromium | 36.5 |
| Banning Elementary School | SB-13-1 | METALS | Cadmium | 0.6 |
| Banning Elementary School | SB-13-1 | METALS | Beryllium | 0.8 |
| Banning Elementary School | SB-13-1 | METALS | Barium | 116 |
| Banning Elementary School | SB-13-1 | METALS | Zinc | 75.5 |
| Banning Elementary School | SB-13-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-13-1 | METALS | Lead | 12.9 |
| Banning Elementary School | SB-13-5 | METALS | Zinc | 65.5 |
| Banning Elementary School | SB-13-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-13-5 | METALS | Vanadium | 44 |
| Banning Elementary School | SB-13-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-13-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-13-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-13-5 | METALS | Nickel | 25.3 |
| Banning Elementary School | SB-13-5 | METALS | Lead | 13.2 |
| Banning Elementary School | SB-13-5 | METALS | Copper | 37.8 |
| Banning Elementary School | SB-13-5 | METALS | Chromium | 29.3 |
| Banning Elementary School | SB-13-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-13-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-13-5 | METALS | Cobalt | 13.5 |
| Banning Elementary School | SB-13-5 | METALS | Arsenic | 1.2 |
| Banning Elementary School | SB-13-5 | METALS | Barium | 110 |
| Banning Elementary School | SB-13-5 | METALS | Beryllium | 0.7 |
| Banning Elementary School | SB-13-5 | METALS | Cadmium | 0.4 |
| Banning Elementary School | SB-14-0 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-14-0 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-14-0 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-14-0 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-14-0 | METALS | Zinc | 108 |
| Banning Elementary School | SB-14-0 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-14-0 | METALS | Arsenic | 2 |
| Banning Elementary School | SB-14-0 | METALS | Barium | 78.5 |
| Banning Elementary School | SB-14-0 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-14-0 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-14-0 | METALS | Lead | 47.8 |
| Banning Elementary School | SB-14-0 | METALS | Vanadium | 20.8 |
| Banning Elementary School | SB-14-0 | METALS | Nickel | 18.2 |
| Banning Elementary School | SB-14-0 | METALS | Copper | 25.6 |
| Banning Elementary School | SB-14-0 | METALS | Cobalt | 6.3 |
| Banning Elementary School | SB-14-0 | METALS | Chromium | 10.9 |
| Banning Elementary School | SB-14-0 | METALS | Cadmium | 0.6 |
| Banning Elementary School | SB-14-1 | METALS | Nickel | 8.9 |
| Banning Elementary School | SB-14-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-14-1 | METALS | Molybdenum | <2.5 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-14-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-14-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-14-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-14-1 | METALS | Cadmium | 0.3 |
| Banning Elementary School | SB-14-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-14-1 | METALS | Barium | 47 |
| Banning Elementary School | SB-14-1 | METALS | Zinc | 31.7 |
| Banning Elementary School | SB-14-1 | METALS | Vanadium | 20.4 |
| Banning Elementary School | SB-14-1 | METALS | Lead | 5.7 |
| Banning Elementary School | SB-14-1 | METALS | Copper | 17.1 |
| Banning Elementary School | SB-14-1 | METALS | Cobalt | 5.4 |
| Banning Elementary School | SB-14-1 | METALS | Chromium | 10.8 |
| Banning Elementary School | SB-14-1 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-14-1 | METALS | Arsenic | 2 |
| Banning Elementary School | SB-14-5 | METALS | Vanadium | 28.8 |
| Banning Elementary School | SB-14-5 | METALS | Cadmium | 0.4 |
| Banning Elementary School | SB-14-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-14-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-14-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-14-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-14-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-14-5 | METALS | Barium | 75 |
| Banning Elementary School | SB-14-5 | METALS | Zinc | 47.9 |
| Banning Elementary School | SB-14-5 | METALS | Arsenic | 2.7 |
| Banning Elementary School | SB-14-5 | METALS | Nickel | 12.9 |
| Banning Elementary School | SB-14-5 | METALS | Lead | 6.4 |
| Banning Elementary School | SB-14-5 | METALS | Copper | 18.4 |
| Banning Elementary School | SB-14-5 | METALS | Cobalt | 8.8 |
| Banning Elementary School | SB-14-5 | METALS | Chromium | 14.3 |
| Banning Elementary School | SB-14-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-14-5 | METALS | Beryllium | 0.4 |
| Banning Elementary School | SB-1-5 | METALS | Lead | 5.9 |
| Banning Elementary School | SB-1-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-1-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-1-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-1-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-1-5 | METALS | Zinc | 46.4 |
| Banning Elementary School | SB-1-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-1-5 | METALS | Nickel | 13.4 |
| Banning Elementary School | SB-1-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-1-5 | METALS | Copper | 18.6 |
| Banning Elementary School | SB-1-5 | METALS | Cobalt | 7.6 |
| Banning Elementary School | SB-1-5 | METALS | Chromium | 17.1 |
| Banning Elementary School | SB-1-5 | METALS | Beryllium | 0.4 |
| Banning Elementary School | SB-1-5 | METALS | Barium | 58.5 |
| Banning Elementary School | SB-1-5 | METALS | Arsenic | 3.7 |
| Banning Elementary School | SB-1-5 | METALS | Vanadium | 29.1 |
| Banning Elementary School | SB-1-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-15-0 | METALS | Arsenic | 1.8 |
| Banning Elementary School | SB-15-0 | METALS | Zinc | 93.5 |
| Banning Elementary School | SB-15-0 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-15-0 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-15-0 | METALS | Nickel | 9.2 |
| Banning Elementary School | SB-15-0 | METALS | Vanadium | 20.3 |
| Banning Elementary School | SB-15-0 | METALS | Cadmium | 0.4 |
| Banning Elementary School | SB-15-0 | METALS | Chromium | 10.7 |
| Banning Elementary School | SB-15-0 | METALS | Cobalt | 5.1 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-15-0 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-15-0 | METALS | Lead | 52.5 |
| Banning Elementary School | SB-15-0 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-15-0 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-15-0 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-15-0 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-15-0 | METALS | Copper | 26.8 |
| Banning Elementary School | SB-15-0 | METALS | Barium | 78 |
| Banning Elementary School | SB-15-1 | METALS | Zinc | 30.6 |
| Banning Elementary School | SB-15-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-15-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-15-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-15-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-15-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-15-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-15-1 | METALS | Cobalt | 5.2 |
| Banning Elementary School | SB-15-1 | METALS | Chromium | 9.7 |
| Banning Elementary School | SB-15-1 | METALS | Barium | 37.2 |
| Banning Elementary School | SB-15-1 | METALS | Arsenic | 1.7 |
| Banning Elementary School | SB-15-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-15-1 | METALS | Vanadium | 20 |
| Banning Elementary School | SB-15-1 | METALS | Lead | 5.1 |
| Banning Elementary School | SB-15-1 | METALS | Copper | 19.1 |
| Banning Elementary School | SB-15-1 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-15-1 | METALS | Nickel | 7.6 |
| Banning Elementary School | SB-15-5 | METALS | Vanadium | 23.8 |
| Banning Elementary School | SB-15-5 | METALS | Barium | 57.5 |
| Banning Elementary School | SB-15-5 | METALS | Beryllium | 0.6 |
| Banning Elementary School | SB-15-5 | METALS | Cadmium | 0.4 |
| Banning Elementary School | SB-15-5 | METALS | Chromium | 12.2 |
| Banning Elementary School | SB-15-5 | METALS | Cobalt | 7.7 |
| Banning Elementary School | SB-15-5 | METALS | Copper | 15.3 |
| Banning Elementary School | SB-15-5 | METALS | Arsenic | 2.6 |
| Banning Elementary School | SB-15-5 | METALS | Nickel | 10.9 |
| Banning Elementary School | SB-15-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-15-5 | METALS | Zinc | 41.6 |
| Banning Elementary School | SB-15-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-15-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-15-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-15-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-15-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-15-5 | METALS | Lead | 4.4 |
| Banning Elementary School | SB-16-0 | METALS | Cadmium | 0.3 |
| Banning Elementary School | SB-16-0 | METALS | Nickel | 11.3 |
| Banning Elementary School | SB-16-0 | METALS | Lead | 43.6 |
| Banning Elementary School | SB-16-0 | METALS | Copper | 23.1 |
| Banning Elementary School | SB-16-0 | METALS | Cobalt | 5 |
| Banning Elementary School | SB-16-0 | METALS | Chromium | 11.7 |
| Banning Elementary School | SB-16-0 | METALS | Vanadium | 22.6 |
| Banning Elementary School | SB-16-0 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-16-0 | METALS | Arsenic | 2.1 |
| Banning Elementary School | SB-16-0 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-16-0 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-16-0 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-16-0 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-16-0 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-16-0 | METALS | Antimony | <0.5 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-16-0 | METALS | Barium | 54 |
| Banning Elementary School | SB-16-0 | METALS | Zinc | 79.5 |
| Banning Elementary School | SB-16-1 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-16-1 | METALS | Zinc | 30.9 |
| Banning Elementary School | SB-16-1 | METALS | Vanadium | 18.4 |
| Banning Elementary School | SB-16-1 | METALS | Nickel | 7.8 |
| Banning Elementary School | SB-16-1 | METALS | Lead | 4.4 |
| Banning Elementary School | SB-16-1 | METALS | Copper | 13.3 |
| Banning Elementary School | SB-16-1 | METALS | Arsenic | 2.3 |
| Banning Elementary School | SB-16-1 | METALS | Cobalt | 4.7 |
| Banning Elementary School | SB-16-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-16-1 | METALS | Barium | 39.6 |
| Banning Elementary School | SB-16-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-16-1 | METALS | Chromium | 8.05 |
| Banning Elementary School | SB-16-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-16-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-16-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-16-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-16-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-16-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-16-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-16-5 | METALS | Cobalt | 3.8 |
| Banning Elementary School | SB-16-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-16-5 | METALS | Chromium | 6.5 |
| Banning Elementary School | SB-16-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-16-5 | METALS | Lead | 2.8 |
| Banning Elementary School | SB-16-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-16-5 | METALS | Vanadium | 13.5 |
| Banning Elementary School | SB-16-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-16-5 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-16-5 | METALS | Barium | 32.8 |
| Banning Elementary School | SB-16-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-16-5 | METALS | Arsenic | 2.6 |
| Banning Elementary School | SB-16-5 | METALS | Zinc | 24.4 |
| Banning Elementary School | SB-16-5 | METALS | Nickel | 5.9 |
| Banning Elementary School | SB-16-5 | METALS | Copper | 12.1 |
| Banning Elementary School | SB-17-0 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-17-0 | METALS | Lead | 6.1 |
| Banning Elementary School | SB-17-0 | METALS | Copper | 29.6 |
| Banning Elementary School | SB-17-0 | METALS | Arsenic | 0.9 |
| Banning Elementary School | SB-17-0 | METALS | Barium | 28.5 |
| Banning Elementary School | SB-17-0 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-17-0 | METALS | Cadmium | 0.4 |
| Banning Elementary School | SB-17-0 | METALS | Chromium | 11.7 |
| Banning Elementary School | SB-17-0 | METALS | Vanadium | 14.3 |
| Banning Elementary School | SB-17-0 | METALS | Cobalt | 3.8 |
| Banning Elementary School | SB-17-0 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-17-0 | METALS | Nickel | 6.4 |
| Banning Elementary School | SB-17-0 | METALS | Zinc | 36.5 |
| Banning Elementary School | SB-17-0 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-17-0 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-17-0 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-17-0 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-17-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-17-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-17-1 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-17-1 | METALS | Mercury | <0.1 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-17-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-17-1 | METALS | Nickel | 3.3 |
| Banning Elementary School | SB-17-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-17-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-17-1 | METALS | Cobalt | <2.5 |
| Banning Elementary School | SB-17-1 | METALS | Copper | 18.2 |
| Banning Elementary School | SB-17-1 | METALS | Zinc | 17.1 |
| Banning Elementary School | SB-17-1 | METALS | Arsenic | 0.9 |
| Banning Elementary School | SB-17-1 | METALS | Barium | 17.7 |
| Banning Elementary School | SB-17-1 | METALS | Chromium | 8.5 |
| Banning Elementary School | SB-17-1 | METALS | Vanadium | 7.2 |
| Banning Elementary School | SB-17-1 | METALS | Lead | 4.3 |
| Banning Elementary School | SB-17-1 | METALS | Cadmium | 0.2 |
| Banning Elementary School | SB-17-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-17-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-17-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-17-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-17-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-17-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-17-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-17-5 | METALS | Arsenic | <0.3 |
| Banning Elementary School | SB-17-5 | METALS | Lead | 2.9 |
| Banning Elementary School | SB-17-5 | METALS | Zinc | 14.2 |
| Banning Elementary School | SB-17-5 | METALS | Nickel | 3.8 |
| Banning Elementary School | SB-17-5 | METALS | Barium | 43.2 |
| Banning Elementary School | SB-17-5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-17-5 | METALS | Chromium | 6.4 |
| Banning Elementary School | SB-17-5 | METALS | Vanadium | 11.1 |
| Banning Elementary School | SB-17-5 | METALS | Cobalt | 3.2 |
| Banning Elementary School | SB-17-5 | METALS | Copper | 6.7 |
| Banning Elementary School | SB-18-0 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-18-0 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-18-0 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-18-0 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-18-0 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-18-0 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-18-0 | METALS | Cadmium | 0.6 |
| Banning Elementary School | SB-18-0 | METALS | Zinc | 119 |
| Banning Elementary School | SB-18-0 | METALS | Vanadium | 25.2 |
| Banning Elementary School | SB-18-0 | METALS | Nickel | 12.3 |
| Banning Elementary School | SB-18-0 | METALS | Lead | 57 |
| Banning Elementary School | SB-18-0 | METALS | Copper | 36.5 |
| Banning Elementary School | SB-18-0 | METALS | Cobalt | 6.3 |
| Banning Elementary School | SB-18-0 | METALS | Arsenic | 1 |
| Banning Elementary School | SB-18-0 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-18-0 | METALS | Barium | 79.5 |
| Banning Elementary School | SB-18-0 | METALS | Chromium | 10.9 |
| Banning Elementary School | SB-18-1 | METALS | Cadmium | 0.3 |
| Banning Elementary School | SB-18-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-18-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-18-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-18-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-18-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-18-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-18-1 | METALS | Arsenic | 0.9 |
| Banning Elementary School | SB-18-1 | METALS | Zinc | 30.7 |
| Banning Elementary School | SB-18-1 | METALS | Chromium | 7 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-18-1 | METALS | Cobalt | 3.3 |
| Banning Elementary School | SB-18-1 | METALS | Copper | 9.9 |
| Banning Elementary School | SB-18-1 | METALS | Lead | 8.5 |
| Banning Elementary School | SB-18-1 | METALS | Nickel | 5.6 |
| Banning Elementary School | SB-18-1 | METALS | Vanadium | 11.8 |
| Banning Elementary School | SB-18-1 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-18-1 | METALS | Barium | 26.5 |
| Banning Elementary School | SB-18-5 | METALS | Arsenic | 0.4 |
| Banning Elementary School | SB-18-5 | METALS | Zinc | 15.2 |
| Banning Elementary School | SB-18-5 | METALS | Vanadium | 12.1 |
| Banning Elementary School | SB-18-5 | METALS | Nickel | 4.3 |
| Banning Elementary School | SB-18-5 | METALS | Lead | 4.2 |
| Banning Elementary School | SB-18-5 | METALS | Copper | 9.5 |
| Banning Elementary School | SB-18-5 | METALS | Cobalt | 3.4 |
| Banning Elementary School | SB-18-5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-18-5 | METALS | Chromium | 6.7 |
| Banning Elementary School | SB-18-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-18-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-18-5 | METALS | Barium | 53.5 |
| Banning Elementary School | SB-18-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-18-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-18-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-18-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-18-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-19-0 | METALS | Arsenic | <0.3 |
| Banning Elementary School | SB-19-0 | METALS | Barium | 32.1 |
| Banning Elementary School | SB-19-0 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-19-0 | METALS | Chromium | 8 |
| Banning Elementary School | SB-19-0 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-19-0 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-19-0 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-19-0 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-19-0 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-19-0 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-19-0 | METALS | Copper | 7.7 |
| Banning Elementary School | SB-19-0 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-19-0 | METALS | Cobalt | 4.1 |
| Banning Elementary School | SB-19-0 | METALS | Zinc | 20 |
| Banning Elementary School | SB-19-0 | METALS | Vanadium | 15.9 |
| Banning Elementary School | SB-19-0 | METALS | Nickel | 6.1 |
| Banning Elementary School | SB-19-0 | METALS | Lead | 9.3 |
| Banning Elementary School | SB-19-1 | METALS | Arsenic | 0.4 |
| Banning Elementary School | SB-19-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-19-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-19-1 | METALS | Barium | 33 |
| Banning Elementary School | SB-19-1 | METALS | Chromium | 5.4 |
| Banning Elementary School | SB-19-1 | METALS | Cobalt | 2.9 |
| Banning Elementary School | SB-19-1 | METALS | Copper | 4.4 |
| Banning Elementary School | SB-19-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-19-1 | METALS | Lead | 3.6 |
| Banning Elementary School | SB-19-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-19-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-19-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-19-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-19-1 | METALS | Nickel | 4.1 |
| Banning Elementary School | SB-19-1 | METALS | Zinc | 13.2 |
| Banning Elementary School | SB-19-1 | METALS | Vanadium | 9.5 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-19-1 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-19-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-19-5 | METALS | Arsenic | 0.8 |
| Banning Elementary School | SB-19-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-19-5 | METALS | Barium | 51 |
| Banning Elementary School | SB-19-5 | METALS | Cobalt | 3.6 |
| Banning Elementary School | SB-19-5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-19-5 | METALS | Zinc | 12.3 |
| Banning Elementary School | SB-19-5 | METALS | Vanadium | 12.2 |
| Banning Elementary School | SB-19-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-19-5 | METALS | Nickel | 4.5 |
| Banning Elementary School | SB-19-5 | METALS | Copper | 5.2 |
| Banning Elementary School | SB-19-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-19-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-19-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-19-5 | METALS | Chromium | 6.8 |
| Banning Elementary School | SB-19-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-19-5 | METALS | Lead | 2.8 |
| Banning Elementary School | SB-2-0.5 | METALS | Vanadium | 40.3 |
| Banning Elementary School | SB-2-0.5 | METALS | Zinc | 291 |
| Banning Elementary School | SB-2-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-2-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-2-0.5 | METALS | Arsenic | 3.1 |
| Banning Elementary School | SB-2-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-2-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-2-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-2-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-2-0.5 | METALS | Barium | 155 |
| Banning Elementary School | SB-2-0.5 | METALS | Beryllium | 0.5 |
| Banning Elementary School | SB-2-0.5 | METALS | Cadmium | 0.3 |
| Banning Elementary School | SB-2-0.5 | METALS | Cobalt | 7.4 |
| Banning Elementary School | SB-2-0.5 | METALS | Copper | 25.4 |
| Banning Elementary School | SB-2-0.5 | METALS | Lead | 43.3 |
| Banning Elementary School | SB-2-0.5 | METALS | Nickel | 15.9 |
| Banning Elementary School | SB-2-0.5 | METALS | Chromium | 21.2 |
| Banning Elementary School | SB-20-0 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-20-0 | METALS | Lead | 11.9 |
| Banning Elementary School | SB-20-0 | METALS | Zinc | 107 |
| Banning Elementary School | SB-20-0 | METALS | Vanadium | 25 |
| Banning Elementary School | SB-20-0 | METALS | Nickel | 17.8 |
| Banning Elementary School | SB-20-0 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-20-0 | METALS | Copper | 22.7 |
| Banning Elementary School | SB-20-0 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-20-0 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-20-0 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-20-0 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-20-0 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-20-0 | METALS | Cadmium | 0.7 |
| Banning Elementary School | SB-20-0 | METALS | Barium | 428 |
| Banning Elementary School | SB-20-0 | METALS | Arsenic | 1.3 |
| Banning Elementary School | SB-20-0 | METALS | Cobalt | 5.4 |
| Banning Elementary School | SB-20-0 | METALS | Chromium | 21 |
| Banning Elementary School | SB-20-1 | METALS | Nickel | 4 |
| Banning Elementary School | SB-20-1 | METALS | Vanadium | 9.3 |
| Banning Elementary School | SB-20-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-20-1 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-20-1 | METALS | Cadmium | <0.1 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-20-1 | METALS | Lead | <2.5 |
| Banning Elementary School | SB-20-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-20-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-20-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-20-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-20-1 | METALS | Barium | 24 |
| Banning Elementary School | SB-20-1 | METALS | Chromium | 5.5 |
| Banning Elementary School | SB-20-1 | METALS | Zinc | 21.4 |
| Banning Elementary School | SB-20-1 | METALS | Copper | 9.5 |
| Banning Elementary School | SB-20-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-20-1 | METALS | Arsenic | 1.1 |
| Banning Elementary School | SB-20-1 | METALS | Cobalt | 2.7 |
| Banning Elementary School | SB-20-5 | METALS | Arsenic | 0.5 |
| Banning Elementary School | SB-20-5 | METALS | Barium | 41.9 |
| Banning Elementary School | SB-20-5 | METALS | Chromium | 5.6 |
| Banning Elementary School | SB-20-5 | METALS | Cobalt | 2.9 |
| Banning Elementary School | SB-20-5 | METALS | Copper | 7.7 |
| Banning Elementary School | SB-20-5 | METALS | Lead | 7.1 |
| Banning Elementary School | SB-20-5 | METALS | Nickel | 3.4 |
| Banning Elementary School | SB-20-5 | METALS | Vanadium | 9.8 |
| Banning Elementary School | SB-20-5 | METALS | Zinc | 14.8 |
| Banning Elementary School | SB-20-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-20-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-20-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-20-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-20-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-20-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-20-5 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-20-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-2-1 | METALS | Cobalt | 7.3 |
| Banning Elementary School | SB-2-1 | METALS | Beryllium | 0.4 |
| Banning Elementary School | SB-2-1 | METALS | Lead | 6.1 |
| Banning Elementary School | SB-2-1 | METALS | Zinc | 114 |
| Banning Elementary School | SB-2-1 | METALS | Copper | 14.8 |
| Banning Elementary School | SB-2-1 | METALS | Barium | 72 |
| Banning Elementary School | SB-2-1 | METALS | Chromium | 16.5 |
| Banning Elementary School | SB-2-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-2-1 | METALS | Cadmium | 0.2 |
| Banning Elementary School | SB-2-1 | METALS | Arsenic | 2.7 |
| Banning Elementary School | SB-2-1 | METALS | Vanadium | 29.5 |
| Banning Elementary School | SB-2-1 | METALS | Nickel | 13.1 |
| Banning Elementary School | SB-2-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-2-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-2-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-2-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-2-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-21-0 | METALS | Nickel | 6.3 |
| Banning Elementary School | SB-21-0 | METALS | Zinc | 23 |
| Banning Elementary School | SB-21-0 | METALS | Arsenic | 0.9 |
| Banning Elementary School | SB-21-0 | METALS | Vanadium | 16.3 |
| Banning Elementary School | SB-21-0 | METALS | Lead | 4.4 |
| Banning Elementary School | SB-21-0 | METALS | Copper | 7 |
| Banning Elementary School | SB-21-0 | METALS | Cobalt | 4.7 |
| Banning Elementary School | SB-21-0 | METALS | Chromium | 7.9 |
| Banning Elementary School | SB-21-0 | METALS | Barium | 37.2 |
| Banning Elementary School | SB-21-0 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-21-0 | METALS | Silver | <2.5 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-21-0 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-21-0 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-21-0 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-21-0 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-21-0 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-21-0 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-21-1 | METALS | Barium | 21.6 |
| Banning Elementary School | SB-21-1 | METALS | Arsenic | 1 |
| Banning Elementary School | SB-21-1 | METALS | Chromium | 4.4 |
| Banning Elementary School | SB-21-1 | METALS | Copper | 3.5 |
| Banning Elementary School | SB-21-1 | METALS | Nickel | 3 |
| Banning Elementary School | SB-21-1 | METALS | Vanadium | 8.5 |
| Banning Elementary School | SB-21-1 | METALS | Zinc | 9.7 |
| Banning Elementary School | SB-21-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-21-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-21-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-21-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-21-1 | METALS | Lead | <2.5 |
| Banning Elementary School | SB-21-1 | METALS | Cobalt | <2.5 |
| Banning Elementary School | SB-21-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-21-1 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-21-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-21-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-21-5 | METALS | Arsenic | 0.5 |
| Banning Elementary School | SB-21-5 | METALS | Barium | 36.7 |
| Banning Elementary School | SB-21-5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-21-5 | METALS | Chromium | 6.3 |
| Banning Elementary School | SB-21-5 | METALS | Copper | 6 |
| Banning Elementary School | SB-21-5 | METALS | Lead | 6.9 |
| Banning Elementary School | SB-21-5 | METALS | Nickel | 3.9 |
| Banning Elementary School | SB-21-5 | METALS | Zinc | 15.2 |
| Banning Elementary School | SB-21-5 | METALS | Cobalt | 2.6 |
| Banning Elementary School | SB-21-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-21-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-21-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-21-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-21-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-21-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-21-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-21-5 | METALS | Vanadium | 10.5 |
| Banning Elementary School | SB-2-5 | METALS | Chromium | 5 |
| Banning Elementary School | SB-2-5 | METALS | Barium | 19.9 |
| Banning Elementary School | SB-2-5 | METALS | Copper | 4.1 |
| Banning Elementary School | SB-2-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-2-5 | METALS | Lead | 2.6 |
| Banning Elementary School | SB-2-5 | METALS | Nickel | 4.1 |
| Banning Elementary School | SB-2-5 | METALS | Vanadium | 10.6 |
| Banning Elementary School | SB-2-5 | METALS | Zinc | 12.9 |
| Banning Elementary School | SB-2-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-2-5 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-2-5 | METALS | Arsenic | 2 |
| Banning Elementary School | SB-2-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-2-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-2-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-2-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-2-5 | METALS | Cobalt | 2.5 |
| Banning Elementary School | SB-2-5 | METALS | Mercury | <0.1 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-3-0.5 | METALS | Cobalt | 6.7 |
| Banning Elementary School | SB-3-0.5 | METALS | Zinc | 129 |
| Banning Elementary School | SB-3-0.5 | METALS | Vanadium | 21 |
| Banning Elementary School | SB-3-0.5 | METALS | Nickel | 5.6 |
| Banning Elementary School | SB-3-0.5 | METALS | Lead | 24.3 |
| Banning Elementary School | SB-3-0.5 | METALS | Copper | 16.6 |
| Banning Elementary School | SB-3-0.5 | METALS | Chromium | 7.2 |
| Banning Elementary School | SB-3-0.5 | METALS | Barium | 203 |
| Banning Elementary School | SB-3-0.5 | METALS | Arsenic | 3.2 |
| Banning Elementary School | SB-3-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-3-0.5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-3-0.5 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-3-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-3-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-3-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-3-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-3-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-3-1 | METALS | Copper | 18.2 |
| Banning Elementary School | SB-3-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-3-1 | METALS | Chromium | 11.7 |
| Banning Elementary School | SB-3-1 | METALS | Barium | 54.4 |
| Banning Elementary School | SB-3-1 | METALS | Arsenic | 1.6 |
| Banning Elementary School | SB-3-1 | METALS | Lead | 9.1 |
| Banning Elementary School | SB-3-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-3-1 | METALS | Vanadium | 19.7 |
| Banning Elementary School | SB-3-1 | METALS | Cobalt | 6.9 |
| Banning Elementary School | SB-3-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-3-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-3-1 | METALS | Zinc | 42.5 |
| Banning Elementary School | SB-3-1 | METALS | Nickel | 5.5 |
| Banning Elementary School | SB-3-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-3-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-3-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-3-1 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-3-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-3-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-3-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-3-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-3-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-3-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-3-5 | METALS | Vanadium | 26.1 |
| Banning Elementary School | SB-3-5 | METALS | Barium | 75.5 |
| Banning Elementary School | SB-3-5 | METALS | Arsenic | 3 |
| Banning Elementary School | SB-3-5 | METALS | Zinc | 43.2 |
| Banning Elementary School | SB-3-5 | METALS | Nickel | 12.3 |
| Banning Elementary School | SB-3-5 | METALS | Lead | 5.5 |
| Banning Elementary School | SB-3-5 | METALS | Copper | 14.2 |
| Banning Elementary School | SB-3-5 | METALS | Cobalt | 7.5 |
| Banning Elementary School | SB-3-5 | METALS | Chromium | 15.4 |
| Banning Elementary School | SB-3-5 | METALS | Cadmium | 0.3 |
| Banning Elementary School | SB-3-5 | METALS | Beryllium | 0.4 |
| Banning Elementary School | SB-4-0.5 | METALS | Vanadium | 12.7 |
| Banning Elementary School | SB-4-0.5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-4-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-4-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-4-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-4-0.5 | METALS | Molybdenum | <2.5 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-4-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-4-0.5 | METALS | Zinc | 25.3 |
| Banning Elementary School | SB-4-0.5 | METALS | Chromium | 6.2 |
| Banning Elementary School | SB-4-0.5 | METALS | Arsenic | 1.7 |
| Banning Elementary School | SB-4-0.5 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-4-0.5 | METALS | Barium | 99.2 |
| Banning Elementary School | SB-4-0.5 | METALS | Cobalt | 6.1 |
| Banning Elementary School | SB-4-0.5 | METALS | Copper | 16.6 |
| Banning Elementary School | SB-4-0.5 | METALS | Lead | 3.8 |
| Banning Elementary School | SB-4-0.5 | METALS | Nickel | 5.4 |
| Banning Elementary School | SB-4-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-4-1 | METALS | Zinc | 20.2 |
| Banning Elementary School | SB-4-1 | METALS | Barium | 47.8 |
| Banning Elementary School | SB-4-1 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-4-1 | METALS | Nickel | 5.5 |
| Banning Elementary School | SB-4-1 | METALS | Copper | 11.4 |
| Banning Elementary School | SB-4-1 | METALS | Cobalt | 5.7 |
| Banning Elementary School | SB-4-1 | METALS | Arsenic | 1.4 |
| Banning Elementary School | SB-4-1 | METALS | Chromium | 5.5 |
| Banning Elementary School | SB-4-1 | METALS | Vanadium | 11.6 |
| Banning Elementary School | SB-4-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-4-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-4-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-4-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-4-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-4-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-4-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-4-1 | METALS | Lead | <2.5 |
| Banning Elementary School | SB-4-5 | METALS | Barium | 53.5 |
| Banning Elementary School | SB-4-5 | METALS | Zinc | 35.9 |
| Banning Elementary School | SB-4-5 | METALS | Vanadium | 23.7 |
| Banning Elementary School | SB-4-5 | METALS | Nickel | 10.7 |
| Banning Elementary School | SB-4-5 | METALS | Lead | 5.1 |
| Banning Elementary School | SB-4-5 | METALS | Copper | 14.1 |
| Banning Elementary School | SB-4-5 | METALS | Cobalt | 6.4 |
| Banning Elementary School | SB-4-5 | METALS | Chromium | 13.1 |
| Banning Elementary School | SB-4-5 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-4-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-4-5 | METALS | Arsenic | 2.4 |
| Banning Elementary School | SB-4-5 | METALS | Cadmium | 0.3 |
| Banning Elementary School | SB-4-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-4-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-4-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-4-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-4-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-5-0.5 | METALS | Cadmium | 0.5 |
| Banning Elementary School | SB-5-0.5 | METALS | Zinc | 45.4 |
| Banning Elementary School | SB-5-0.5 | METALS | Arsenic | 1.8 |
| Banning Elementary School | SB-5-0.5 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-5-0.5 | METALS | Chromium | 10.6 |
| Banning Elementary School | SB-5-0.5 | METALS | Cobalt | 5.2 |
| Banning Elementary School | SB-5-0.5 | METALS | Copper | 13.4 |
| Banning Elementary School | SB-5-0.5 | METALS | Lead | 13.8 |
| Banning Elementary School | SB-5-0.5 | METALS | Nickel | 9.6 |
| Banning Elementary School | SB-5-0.5 | METALS | Vanadium | 22.5 |
| Banning Elementary School | SB-5-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-5-0.5 | METALS | Barium | 66 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-5-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-5-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-5-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-5-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-5-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-5-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-5-1 | METALS | Zinc | 26.6 |
| Banning Elementary School | SB-5-1 | METALS | Nickel | 7.5 |
| Banning Elementary School | SB-5-1 | METALS | Lead | 4.2 |
| Banning Elementary School | SB-5-1 | METALS | Copper | 9.5 |
| Banning Elementary School | SB-5-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-5-1 | METALS | Cobalt | 4.8 |
| Banning Elementary School | SB-5-1 | METALS | Vanadium | 18.5 |
| Banning Elementary School | SB-5-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-5-1 | METALS | Chromium | 9.3 |
| Banning Elementary School | SB-5-1 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-5-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-5-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-5-1 | METALS | Arsenic | 1.7 |
| Banning Elementary School | SB-5-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-5-1 | METALS | Barium | 41.4 |
| Banning Elementary School | SB-5-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-5-5 | METALS | Chromium | 9.6 |
| Banning Elementary School | SB-5-5 | METALS | Arsenic | 2.1 |
| Banning Elementary School | SB-5-5 | METALS | Lead | 4.5 |
| Banning Elementary School | SB-5-5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-5-5 | METALS | Cobalt | 4.6 |
| Banning Elementary School | SB-5-5 | METALS | Vanadium | 18.1 |
| Banning Elementary School | SB-5-5 | METALS | Zinc | 26.6 |
| Banning Elementary School | SB-5-5 | METALS | Copper | 9 |
| Banning Elementary School | SB-5-5 | METALS | Barium | 43.1 |
| Banning Elementary School | SB-5-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-5-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-5-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-5-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-5-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-5-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-5-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-5-5 | METALS | Nickel | 7.3 |
| Banning Elementary School | SB-6-0.5 | METALS | Zinc | 77 |
| Banning Elementary School | SB-6-0.5 | METALS | Chromium | 16.2 |
| Banning Elementary School | SB-6-0.5 | METALS | Cadmium | 0.3 |
| Banning Elementary School | SB-6-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-6-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-6-0.5 | METALS | Cobalt | 7.9 |
| Banning Elementary School | SB-6-0.5 | METALS | Barium | 83 |
| Banning Elementary School | SB-6-0.5 | METALS | Arsenic | 1.7 |
| Banning Elementary School | SB-6-0.5 | METALS | Copper | 27 |
| Banning Elementary School | SB-6-0.5 | METALS | Lead | 32.1 |
| Banning Elementary School | SB-6-0.5 | METALS | Beryllium | 0.4 |
| Banning Elementary School | SB-6-0.5 | METALS | Vanadium | 37.3 |
| Banning Elementary School | SB-6-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-6-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-6-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-6-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-6-0.5 | METALS | Nickel | 18.1 |
| Banning Elementary School | SB-6-1 | METALS | Copper | 14.5 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-6-1 | METALS | Barium | 42 |
| Banning Elementary School | SB-6-1 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-6-1 | METALS | Cobalt | 5 |
| Banning Elementary School | SB-6-1 | METALS | Vanadium | 22.2 |
| Banning Elementary School | SB-6-1 | METALS | Lead | 3.9 |
| Banning Elementary School | SB-6-1 | METALS | Nickel | 7.4 |
| Banning Elementary School | SB-6-1 | METALS | Zinc | 30.3 |
| Banning Elementary School | SB-6-1 | METALS | Chromium | 10.6 |
| Banning Elementary School | SB-6-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-6-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-6-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-6-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-6-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-6-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-6-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-6-1 | METALS | Arsenic | 1.2 |
| Banning Elementary School | SB-6-5 | METALS | Vanadium | 12.1 |
| Banning Elementary School | SB-6-5 | METALS | Zinc | 17.2 |
| Banning Elementary School | SB-6-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-6-5 | METALS | Arsenic | 1.5 |
| Banning Elementary School | SB-6-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-6-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-6-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-6-5 | METALS | Copper | 7.2 |
| Banning Elementary School | SB-6-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-6-5 | METALS | Lead | 3.6 |
| Banning Elementary School | SB-6-5 | METALS | Cobalt | 2.8 |
| Banning Elementary School | SB-6-5 | METALS | Chromium | 6 |
| Banning Elementary School | SB-6-5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-6-5 | METALS | Barium | 22.8 |
| Banning Elementary School | SB-6-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-6-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-6-5 | METALS | Nickel | 4.8 |
| Banning Elementary School | SB-7-0.5 | METALS | Copper | 35.3 |
| Banning Elementary School | SB-7-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-7-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-7-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-7-0.5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-7-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-7-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-7-0.5 | METALS | Zinc | 53.5 |
| Banning Elementary School | SB-7-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-7-0.5 | METALS | Arsenic | 2.7 |
| Banning Elementary School | SB-7-0.5 | METALS | Barium | 75.5 |
| Banning Elementary School | SB-7-0.5 | METALS | Beryllium | 0.7 |
| Banning Elementary School | SB-7-0.5 | METALS | Chromium | 21.6 |
| Banning Elementary School | SB-7-0.5 | METALS | Cobalt | 13.1 |
| Banning Elementary School | SB-7-0.5 | METALS | Lead | 11.3 |
| Banning Elementary School | SB-7-0.5 | METALS | Nickel | 14.2 |
| Banning Elementary School | SB-7-0.5 | METALS | Vanadium | 39.6 |
| Banning Elementary School | SB-7-1 | METALS | Beryllium | 0.3 |
| Banning Elementary School | SB-7-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-7-1 | METALS | Barium | 43.9 |
| Banning Elementary School | SB-7-1 | METALS | Zinc | 22.8 |
| Banning Elementary School | SB-7-1 | METALS | Vanadium | 24.5 |
| Banning Elementary School | SB-7-1 | METALS | Lead | 6.1 |
| Banning Elementary School | SB-7-1 | METALS | Copper | 15.8 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-7-1 | METALS | Cobalt | 4.4 |
| Banning Elementary School | SB-7-1 | METALS | Chromium | 14.4 |
| Banning Elementary School | SB-7-1 | METALS | Arsenic | 2.8 |
| Banning Elementary School | SB-7-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-7-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-7-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-7-1 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-7-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-7-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-7-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-7-5 | METALS | Barium | 50.5 |
| Banning Elementary School | SB-7-5 | METALS | Vanadium | 13.7 |
| Banning Elementary School | SB-7-5 | METALS | Lead | 2.9 |
| Banning Elementary School | SB-7-5 | METALS | Copper | 6.9 |
| Banning Elementary School | SB-7-5 | METALS | Arsenic | 0.7 |
| Banning Elementary School | SB-7-5 | METALS | Zinc | 16.9 |
| Banning Elementary School | SB-7-5 | METALS | Chromium | 6 |
| Banning Elementary School | SB-7-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-7-5 | METALS | Cobalt | 3.3 |
| Banning Elementary School | SB-7-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-7-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-7-5 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-7-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-7-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-7-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-7-5 | METALS | Beryllium | <0.1 |
| Banning Elementary School | SB-7-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-8-0.5 | METALS | Zinc | 30 |
| Banning Elementary School | SB-8-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-8-0.5 | METALS | Barium | 50 |
| Banning Elementary School | SB-8-0.5 | METALS | Arsenic | 2.6 |
| Banning Elementary School | SB-8-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-8-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-8-0.5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-8-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-8-0.5 | METALS | Chromium | 10.5 |
| Banning Elementary School | SB-8-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-8-0.5 | METALS | Vanadium | 20.1 |
| Banning Elementary School | SB-8-0.5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-8-0.5 | METALS | Cobalt | 4.3 |
| Banning Elementary School | SB-8-0.5 | METALS | Copper | 14.8 |
| Banning Elementary School | SB-8-0.5 | METALS | Lead | 112 |
| Banning Elementary School | SB-8-0.5 | METALS | Nickel | 6.9 |
| Banning Elementary School | SB-8-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-8-1 | METALS | Chromium | 11.5 |
| Banning Elementary School | SB-8-1 | METALS | Arsenic | 1.5 |
| Banning Elementary School | SB-8-1 | METALS | Barium | 26 |
| Banning Elementary School | SB-8-1 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-8-1 | METALS | Copper | 12.2 |
| Banning Elementary School | SB-8-1 | METALS | Lead | 7 |
| Banning Elementary School | SB-8-1 | METALS | Nickel | 3.3 |
| Banning Elementary School | SB-8-1 | METALS | Vanadium | 16.7 |
| Banning Elementary School | SB-8-1 | METALS | Zinc | 16.6 |
| Banning Elementary School | SB-8-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-8-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-8-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-8-1 | METALS | Mercury | <0.1 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-8-1 | METALS | Cobalt | <2.5 |
| Banning Elementary School | SB-8-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-8-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-8-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-8-5 | METALS | Vanadium | 26.8 |
| Banning Elementary School | SB-8-5 | METALS | Arsenic | 4.4 |
| Banning Elementary School | SB-8-5 | METALS | Barium | 65.5 |
| Banning Elementary School | SB-8-5 | METALS | Beryllium | 0.4 |
| Banning Elementary School | SB-8-5 | METALS | Cadmium | 0.2 |
| Banning Elementary School | SB-8-5 | METALS | Cobalt | 7.7 |
| Banning Elementary School | SB-8-5 | METALS | Nickel | 12.6 |
| Banning Elementary School | SB-8-5 | METALS | Chromium | 16.3 |
| Banning Elementary School | SB-8-5 | METALS | Zinc | 43 |
| Banning Elementary School | SB-8-5 | METALS | Lead | 5.4 |
| Banning Elementary School | SB-8-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-8-5 | METALS | Copper | 14 |
| Banning Elementary School | SB-8-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-8-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-8-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-8-5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-8-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-9-0.5 | METALS | Copper | 6.7 |
| Banning Elementary School | SB-9-0.5 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-9-0.5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-9-0.5 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-9-0.5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-9-0.5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-9-0.5 | METALS | Cobalt | <2.5 |
| Banning Elementary School | SB-9-0.5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-9-0.5 | METALS | Lead | 7.3 |
| Banning Elementary School | SB-9-0.5 | METALS | Chromium | 12.1 |
| Banning Elementary School | SB-9-0.5 | METALS | Vanadium | 7.3 |
| Banning Elementary School | SB-9-0.5 | METALS | Zinc | 15.3 |
| Banning Elementary School | SB-9-0.5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-9-0.5 | METALS | Arsenic | 1.5 |
| Banning Elementary School | SB-9-0.5 | METALS | Barium | 28 |
| Banning Elementary School | SB-9-0.5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-9-0.5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-9-1 | METALS | Zinc | 17.2 |
| Banning Elementary School | SB-9-1 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-9-1 | METALS | Arsenic | 1.2 |
| Banning Elementary School | SB-9-1 | METALS | Barium | 25.6 |
| Banning Elementary School | SB-9-1 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-9-1 | METALS | Chromium | 6.5 |
| Banning Elementary School | SB-9-1 | METALS | Cobalt | 2.9 |
| Banning Elementary School | SB-9-1 | METALS | Copper | 6.5 |
| Banning Elementary School | SB-9-1 | METALS | Vanadium | 12.8 |
| Banning Elementary School | SB-9-1 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-9-1 | METALS | Silver | <2.5 |
| Banning Elementary School | SB-9-1 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-9-1 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-9-1 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-9-1 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-9-1 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-9-1 | METALS | Lead | 3.8 |
| Banning Elementary School | SB-9-5 | METALS | Barium | 51.5 |
| Banning Elementary School | SB-9-5 | METALS | Silver | <2.5 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Banning Elementary School | SB-9-5 | METALS | Beryllium | 0.2 |
| Banning Elementary School | SB-9-5 | METALS | Copper | 8.6 |
| Banning Elementary School | SB-9-5 | METALS | Cobalt | 3.5 |
| Banning Elementary School | SB-9-5 | METALS | Lead | 4.4 |
| Banning Elementary School | SB-9-5 | METALS | Chromium | 7.2 |
| Banning Elementary School | SB-9-5 | METALS | Thallium | <0.3 |
| Banning Elementary School | SB-9-5 | METALS | Selenium | <0.5 |
| Banning Elementary School | SB-9-5 | METALS | Nickel | <2.5 |
| Banning Elementary School | SB-9-5 | METALS | Molybdenum | <2.5 |
| Banning Elementary School | SB-9-5 | METALS | Mercury | <0.1 |
| Banning Elementary School | SB-9-5 | METALS | Cadmium | <0.1 |
| Banning Elementary School | SB-9-5 | METALS | Arsenic | <0.3 |
| Banning Elementary School | SB-9-5 | METALS | Zinc | 17.6 |
| Banning Elementary School | SB-9-5 | METALS | Antimony | <0.5 |
| Banning Elementary School | SB-9-5 | METALS | Vanadium | 12.4 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Lead | 7.7 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Cadmium | 1 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Zinc | 91.5 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Cobalt | 3.1 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Nickel | 10.3 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Copper | 32.5 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Thallium | <0.3 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Beryllium | 0.2 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Vanadium | 14.3 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Molybdenum | <2.5 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Barium | 51.5 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Silver | <2.5 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Chromium | 9.1 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Selenium | <0.5 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Mercury | <0.1 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Antimony | <0.5 |
| Wilmington Recreation Center | SB-WRC-1A | METALS | Arsenic | 2.1 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Lead | 3.3 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Nickel | 5.6 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Thallium | <0.3 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Selenium | <0.5 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Antimony | <0.5 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Silver | <2.5 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Zinc | 29.8 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Molybdenum | <2.5 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Copper | 15.3 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Cobalt | 3.8 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Chromium | 8.6 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Cadmium | 0.2 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Mercury | <0.1 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Arsenic | 0.3 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Barium | 56 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Beryllium | 0.2 |
| Wilmington Recreation Center | SB-WRC-1C | METALS | Vanadium | 14.1 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Molybdenum | <2.5 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Antimony | <0.5 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Mercury | <0.1 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Chromium | 9.1 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Selenium | <0.5 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Silver | <2.5 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Thallium | <0.3 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Zinc | 39.1 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Wilmington Recreation Center | SB-WRC-2A | METALS | Vanadium | 15.9 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Nickel | 6.4 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Lead | 3.9 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Cobalt | 3.5 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Cadmium | 0.2 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Beryllium | 0.2 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Barium | 63 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Arsenic | 0.9 |
| Wilmington Recreation Center | SB-WRC-2A | METALS | Copper | 10.4 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Molybdenum | <2.5 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Cadmium | 0.3 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Antimony | <0.5 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Mercury | <0.1 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Zinc | 40.4 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Arsenic | 2.1 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Barium | 64.5 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Beryllium | 0.3 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Chromium | 12.4 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Copper | 11.5 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Lead | 3.4 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Cobalt | 5.6 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Vanadium | 20.3 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Selenium | <0.5 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Thallium | <0.3 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Silver | <2.5 |
| Wilmington Recreation Center | SB-WRC-2C | METALS | Nickel | 9.1 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Thallium | <0.3 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Silver | <2.5 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Selenium | <0.5 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Molybdenum | <2.5 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Mercury | <0.1 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Antimony | <0.5 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Vanadium | 21.9 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Copper | 19.4 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Arsenic | 1.4 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Barium | 91 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Beryllium | 0.2 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Cadmium | 1 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Chromium | 38.6 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Cobalt | 4 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Lead | 57 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Nickel | 15.5 |
| Wilmington Recreation Center | SB-WRC-3A | METALS | Zinc | 525 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Mercury | <0.1 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Beryllium | 0.2 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Barium | 52 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Chromium | 11.7 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Cobalt | 5.2 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Copper | 15.1 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Nickel | 8.6 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Vanadium | 19.7 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Antimony | <0.5 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Cadmium | 0.3 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Lead | <2.5 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Arsenic | 1.8 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Molybdenum | <2.5 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Selenium | <0.5 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Wilmington Recreation Center | SB-WRC-3C | METALS | Silver | <2.5 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Thallium | <0.3 |
| Wilmington Recreation Center | SB-WRC-3C | METALS | Zinc | 42 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Arsenic | 1.3 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Barium | 56 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Beryllium | 0.3 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Cadmium | 0.7 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Chromium | 11 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Cobalt | 4 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Vanadium | 28.8 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Nickel | 16.4 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Lead | 47.7 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Antimony | <0.5 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Mercury | <0.1 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Molybdenum | <2.5 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Selenium | <0.5 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Silver | <2.5 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Thallium | <0.3 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Zinc | 172 |
| Wilmington Recreation Center | SB-WRC-4A | METALS | Copper | 20.2 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Antimony | <0.5 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Cadmium | 0.2 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Barium | 31.9 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Arsenic | 0.9 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Cobalt | 2.5 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Zinc | 39.9 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Vanadium | 10.5 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Chromium | 6.2 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Copper | 6.9 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Beryllium | <0.1 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Mercury | <0.1 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Molybdenum | <2.5 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Selenium | <0.5 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Silver | <2.5 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Thallium | <0.3 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Nickel | 4.1 |
| Wilmington Recreation Center | SB-WRC-4C | METALS | Lead | <2.5 |
| Wilimington Middle School | WMS-01-10 | SVOC | BaP TEQ | <0.00106 |
| Wilimington Middle School | WMS-04-5 | METALS | Copper | 6.63 |
| Wilimington Middle School | WMS-04-5 | METALS | Cobalt | 5.18 |
| Wilimington Middle School | WMS-04-5 | METALS | Chromium | 9.04 |
| Wilimington Middle School | WMS-04-5 | METALS | Beryllium | 0.296 |
| Wilimington Middle School | WMS-04-5 | METALS | Barium | 92.2 |
| Wilimington Middle School | WMS-04-5 | METALS | Arsenic | 1.52 |
| Wilimington Middle School | WMS-04-5 | SVOC | BaP TEQ | <0.00106 |
| Wilimington Middle School | WMS-04-5 | METALS | Silver | <0.117 |
| Wilimington Middle School | WMS-04-5 | METALS | Selenium | <0.351 |
| Wilimington Middle School | WMS-04-5 | METALS | Lead | 3.68 |
| Wilimington Middle School | WMS-04-5 | METALS | Molybdenum | <0.0777 |
| Wilimington Middle School | WMS-04-5 | METALS | Antimony | <0.306 |
| Wilimington Middle School | WMS-04-5 | METALS | Mercury | <0.0039 |
| Wilimington Middle School | WMS-04-5 | METALS | Cadmium | <0.0883 |
| Wilimington Middle School | WMS-04-5 | METALS | Thallium | <0.232 |
| Wilimington Middle School | WMS-04-5 | METALS | Vanadium | 15.8 |
| Wilimington Middle School | WMS-04-5 | METALS | Zinc | 36.9 |
| Wilimington Middle School | WMS-04-5 | METALS | Nickel | 6.45 |
| Wilimington Middle School | WMS-07-5 | METALS | Nickel | 6.19 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Wilimington Middle School | WMS-07-5 | SVOC | BaP TEQ | <0.00106 |
| Wilimington Middle School | WMS-07-5 | METALS | Thallium | <0.232 |
| Wilimington Middle School | WMS-07-5 | METALS | Cobalt | 6.57 |
| Wilimington Middle School | WMS-07-5 | METALS | Vanadium | 21.4 |
| Wilimington Middle School | WMS-07-5 | METALS | Silver | <0.117 |
| Wilimington Middle School | WMS-07-5 | METALS | Copper | 5.34 |
| Wilimington Middle School | WMS-07-5 | METALS | Selenium | <0.351 |
| Wilimington Middle School | WMS-07-5 | METALS | Lead | 3.48 |
| Wilimington Middle School | WMS-07-5 | METALS | Antimony | <0.306 |
| Wilimington Middle School | WMS-07-5 | METALS | Molybdenum | <0.0777 |
| Wilimington Middle School | WMS-07-5 | METALS | Chromium | 9.37 |
| Wilimington Middle School | WMS-07-5 | METALS | Cadmium | <0.0883 |
| Wilimington Middle School | WMS-07-5 | METALS | Beryllium | 0.319 |
| Wilimington Middle School | WMS-07-5 | METALS | Mercury | <0.0039 |
| Wilimington Middle School | WMS-07-5 | METALS | Barium | 66.3 |
| Wilimington Middle School | WMS-07-5 | METALS | Arsenic | 2.31 |
| Wilimington Middle School | WMS-07-5 | METALS | Zinc | 20.1 |
| Wilimington Middle School | WMS-08-10 | SVOC | BaP TEQ | <0.00106 |
| Wilimington Middle School | WMS-11-.5 | METALS | Lead | 57.5 |
| Wilimington Middle School | WMS-11-.5 | METALS | Arsenic | 5.08 |
| Wilimington Middle School | WMS-11-.5 | METALS | Barium | 69.4 |
| Wilimington Middle School | WMS-11-.5 | METALS | Chromium | 17.4 |
| Wilimington Middle School | WMS-11-.5 | METALS | Copper | 14.7 |
| Wilimington Middle School | WMS-11-.5 | METALS | Molybdenum | 0.625 |
| Wilimington Middle School | WMS-11-.5 | METALS | Nickel | 12 |
| Wilimington Middle School | WMS-11-.5 | METALS | Vanadium | 24.1 |
| Wilimington Middle School | WMS-11-.5 | METALS | Zinc | 151 |
| Wilimington Middle School | WMS-11-.5 | METALS | Cobalt | 6.77 |
| Wilimington Middle School | WMS-11-.5 | METALS | Beryllium | <0.0894 |
| Wilimington Middle School | WMS-11-.5 | METALS | Cadmium | <0.0883 |
| Wilimington Middle School | WMS-11-.5 | METALS | Mercury | <0.0039 |
| Wilimington Middle School | WMS-11-.5 | METALS | Selenium | <0.351 |
| Wilimington Middle School | WMS-11-.5 | METALS | Silver | <0.117 |
| Wilimington Middle School | WMS-11-.5 | METALS | Thallium | <0.232 |
| Wilimington Middle School | WMS-11-.5 | SVOC | BaP TEQ | 0.179338 |
| Wilimington Middle School | WMS-11-.5 | METALS | Antimony | <0.306 |
| Wilimington Middle School | WMS-13-5 | METALS | Thallium | <0.232 |
| Wilimington Middle School | WMS-13-5 | METALS | Molybdenum | <0.0777 |
| Wilimington Middle School | WMS-13-5 | METALS | Silver | <0.117 |
| Wilimington Middle School | WMS-13-5 | METALS | Antimony | <0.306 |
| Wilimington Middle School | WMS-13-5 | METALS | Cadmium | <0.0883 |
| Wilimington Middle School | WMS-13-5 | METALS | Mercury | <0.0039 |
| Wilimington Middle School | WMS-13-5 | METALS | Selenium | <0.351 |
| Wilimington Middle School | WMS-13-5 | METALS | Vanadium | 29.1 |
| Wilimington Middle School | WMS-13-5 | METALS | Arsenic | 3.41 |
| Wilimington Middle School | WMS-13-5 | METALS | Beryllium | 0.368 |
| Wilimington Middle School | WMS-13-5 | METALS | Barium | 77.2 |
| Wilimington Middle School | WMS-13-5 | METALS | Nickel | 7.15 |
| Wilimington Middle School | WMS-13-5 | METALS | Lead | 4.11 |
| Wilimington Middle School | WMS-13-5 | METALS | Copper | 7.07 |
| Wilimington Middle School | WMS-13-5 | SVOC | BaP TEQ | <0.00106 |
| Wilimington Middle School | WMS-13-5 | METALS | Cobalt | 6.92 |
| Wilimington Middle School | WMS-13-5 | METALS | Chromium | 13 |
| Wilimington Middle School | WMS-13-5 | METALS | Zinc | 25 |
| Wilimington Middle School | WMS-14-10 | SVOC | BaP TEQ | <0.00106 |
| Wilimington Middle School | WMS-17-.5 | METALS | Silver | <0.117 |
| Wilimington Middle School | WMS-17-.5 | METALS | Beryllium | 0.475 |

| Location | Sample ID | Category | Analyte | Result (mg/kg) |
|---|---|---|---|---|
| Wilimington Middle School | WMS-17-.5 | METALS | Thallium | <0.232 |
| Wilimington Middle School | WMS-17-.5 | METALS | Antimony | <0.306 |
| Wilimington Middle School | WMS-17-.5 | METALS | Molybdenum | <0.0777 |
| Wilimington Middle School | WMS-17-.5 | METALS | Mercury | <0.0039 |
| Wilimington Middle School | WMS-17-.5 | METALS | Zinc | 27.8 |
| Wilimington Middle School | WMS-17-.5 | METALS | Cadmium | <0.0883 |
| Wilimington Middle School | WMS-17-.5 | METALS | Selenium | 0.78 |
| Wilimington Middle School | WMS-17-.5 | METALS | Nickel | 9.3 |
| Wilimington Middle School | WMS-17-.5 | METALS | Lead | 6.03 |
| Wilimington Middle School | WMS-17-.5 | METALS | Copper | 12.3 |
| Wilimington Middle School | WMS-17-.5 | METALS | Chromium | 14.2 |
| Wilimington Middle School | WMS-17-.5 | METALS | Barium | 72 |
| Wilimington Middle School | WMS-17-.5 | METALS | Arsenic | 127 |
| Wilimington Middle School | WMS-17-.5 | METALS | Vanadium | 24 |
| Wilimington Middle School | WMS-17-.5 | SVOC | BaP TEQ | <0.00106 |
| Wilimington Middle School | WMS-17-.5 | METALS | Cobalt | 6.2 |

# APPENDIX B

# ProUCL OUTPUT

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24401 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 14 | 79 | 0.0008 | 0.046 | 0.0145 | 0.0135 | 0.0006 | 0.0012 | 0.0179 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | antimony | mg/kg | 10 | 14 | 71 | 0.344 | 0.948 | 0.611 | 0.196 | 0.219 | 0.219 | 0.64 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 2.36 | 6.27 | 4.425 | 1.264 | -- | -- | 5.023 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | bap teq | mg/kg | 18 | 19 | 95 | 0.00059 | 0.046 | 0.0142 | 0.012 | 0.00053 | 0.00053 | 0.0184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 14 | 79 | 0.0015 | 0.039 | 0.0121 | 0.0114 | 0.0007 | 0.0007 | 0.0157 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 14 | 86 | 0.0005 | 0.023 | 0.0103 | 0.00734 | 0.0005 | 0.0005 | 0.0126 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 14 | 79 | 0.0008 | 0.032 | 0.00854 | 0.00853 | 0.0004 | 0.0007 | 0.0117 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte02ft | cadmium | mg/kg | 13 | 14 | 93 | 0.253 | 0.765 | 0.366 | 0.135 | 0.0883 | 0.0883 | 0.429 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24401 marbella ave | lte02ft | chrysene | mg/kg | 11 | 14 | 79 | 0.0055 | 0.077 | 0.0337 | 0.0244 | 0.0012 | 0.0012 | 0.0394 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 7.51 | 13.3 | 10.34 | 1.581 | -- | -- | 11.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 8.39 | 41.5 | 20.99 | 8.034 | -- | -- | 25.75 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24401 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 14 | 36 | 0.001 | 0.027 | 0.0098 | 0.01 | 0.0009 | 0.0043 | 0.0102 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 5.13 | 87 | 15.87 | 21.1 | -- | -- | 40.45 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24401 marbella ave | lte02ft | naphthalene | mg/kg | 6 | 14 | 43 | 0.00064 | 0.03 | 0.0113 | 0.0102 | 0.00024 | 0.00037 | 0.0114 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | pyrene | mg/kg | 13 | 14 | 93 | 0.0012 | 0.058 | 0.0198 | 0.0157 | 0.0008 | 0.0008 | 0.026 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | tph as diesel | mg/kg | 9 | 14 | 64 | 6.4 | 180 | 75.71 | 62.58 | 4.8 | 4.8 | 81.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | tph as motor oil | mg/kg | 9 | 14 | 64 | 76 | 640 | 255.1 | 184.6 | 7 | 7 | 273.4 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 23 | 42.7 | 36.77 | 5.275 | -- | -- | 39.67 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24401 marbella ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 27.9 | 85.7 | 50.31 | 14.44 | -- | -- | 57.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 22 | 27 | 0.0022 | 0.019 | 0.00985 | 0.00571 | 0.0011 | 0.021 | 0.0098 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 22 | 73 | 0.0008 | 0.046 | 0.0146 | 0.0123 | 0.0006 | 0.0012 | 0.0154 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte05ft | antimony | mg/kg | 16 | 22 | 73 | 0.228 | 1.13 | 0.581 | 0.24 | 0.219 | 0.219 | 0.598 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 2.36 | 6.65 | 4.473 | 1.288 | -- | -- | 4.946 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte05ft | bap teq | mg/kg | 22 | 27 | 81 | 0.00059 | 0.0555 | 0.0178 | 0.0154 | 0.00053 | 0.00053 | 0.0202 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte05ft | benzene | µg/kg | 5 | 22 | 23 | 0.13 | 0.33 | 0.184 | 0.0829 | 0.097 | 0.15 | 0.16 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24401 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 22 | 68 | 0.0015 | 0.052 | 0.0181 | 0.0153 | 0.0007 | 0.0007 | 0.0186 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 16 | 22 | 73 | 0.0005 | 0.043 | 0.0145 | 0.0119 | 0.0005 | 0.0005 | 0.0153 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 22 | 64 | 0.0008 | 0.032 | 0.0104 | 0.00937 | 0.0004 | 0.0018 | 0.0103 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte05ft | cadmium | mg/kg | 19 | 22 | 86 | 0.249 | 0.765 | 0.362 | 0.116 | 0.0883 | 0.0883 | 0.393 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte05ft | chrysene | mg/kg | 15 | 22 | 68 | 0.0055 | 0.28 | 0.0642 | 0.0738 | 0.0012 | 0.0012 | 0.0705 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 7.51 | 16 | 10.91 | 2.264 | -- | -- | 11.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 8.39 | 41.5 | 20.07 | 7.143 | -- | -- | 22.83 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24401 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 22 | 32 | 0.001 | 0.027 | 0.00946 | 0.00842 | 0.0009 | 0.0043 | 0.0086 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 5.13 | 87 | 13.21 | 17.09 | -- | -- | 29.09 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24401 marbella ave | lte05ft | naphthalene | mg/kg | 11 | 22 | 50 | 0.00064 | 0.03 | 0.00985 | 0.00882 | 0.00024 | 0.00037 | 0.00867 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte05ft | pyrene | mg/kg | 18 | 22 | 82 | 0.0012 | 0.43 | 0.0676 | 0.119 | 0.0008 | 0.0008 | 0.158 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24401 marbella ave | lte05ft | tph as diesel | mg/kg | 13 | 22 | 59 | 6.4 | 390 | 93.32 | 104.8 | 4.8 | 4.8 | 99.63 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte05ft | tph as gasoline | mg/kg | 6 | 22 | 27 | 0.062 | 0.17 | 0.0835 | 0.0426 | 0.049 | 0.056 | 0.0777 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24401 marbella ave | lte05ft | tph as motor oil | mg/kg | 13 | 22 | 59 | 26 | 900 | 270 | 252.8 | 7 | 7 | 254.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 23 | 49.8 | 37.47 | 6.156 | -- | -- | 39.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 27.9 | 85.7 | 48.15 | 13.82 | -- | -- | 53.42 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24401 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 28 | 32 | 0.0022 | 0.019 | 0.00856 | 0.00513 | 0.0011 | 0.021 | 0.00721 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 21 | 28 | 75 | 0.0007 | 0.046 | 0.013 | 0.0116 | 0.0006 | 0.0012 | 0.0135 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte10ft | antimony | mg/kg | 19 | 28 | 68 | 0.228 | 1.14 | 0.615 | 0.268 | 0.219 | 0.219 | 0.605 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 1.48 | 29.2 | 5.581 | 5.404 | -- | -- | 10.03 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24401 marbella ave | lte10ft | bap teq | mg/kg | 23 | 33 | 70 | 0.00059 | 0.0555 | 0.0176 | 0.0151 | 0.00053 | 0.00053 | 0.017 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte10ft | benzene | µg/kg | 6 | 28 | 21 | 0.13 | 0.44 | 0.227 | 0.128 | 0.097 | 0.15 | 0.185 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 16 | 28 | 57 | 0.0015 | 0.052 | 0.02 | 0.0167 | 0.0007 | 0.0007 | 0.0178 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 16 | 28 | 57 | 0.0005 | 0.043 | 0.0145 | 0.0119 | 0.0005 | 0.0005 | 0.0128 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 14 | 28 | 50 | 0.0008 | 0.032 | 0.0104 | 0.00937 | 0.0004 | 0.0018 | 0.00827 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte10ft | cadmium | mg/kg | 25 | 28 | 89 | 0.241 | 1.16 | 0.389 | 0.2 | 0.0883 | 0.0883 | 0.533 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24401 marbella ave | lte10ft | chrysene | mg/kg | 16 | 28 | 57 | 0.0055 | 0.28 | 0.0696 | 0.0745 | 0.0012 | 0.0012 | 0.0682 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 7.51 | 16 | 11.33 | 2.293 | -- | -- | 12.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 8.39 | 41.5 | 21.72 | 8.401 | -- | -- | 24.76 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24401 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 28 | 25 | 0.001 | 0.027 | 0.00946 | 0.00842 | 0.0009 | 0.0043 | 0.00799 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte10ft | lead | mg/kg | 28 | 28 | 100 | 4.17 | 87 | 11.9 | 15.32 | -- | -- | 24.52 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24401 marbella ave | lte10ft | naphthalene | mg/kg | 15 | 28 | 54 | 0.00064 | 0.03 | 0.00952 | 0.00797 | 0.00024 | 0.00037 | 0.00816 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte10ft | pyrene | mg/kg | 19 | 28 | 68 | 0.001 | 0.43 | 0.0641 | 0.116 | 0.0008 | 0.0008 | 0.0848 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24401 marbella ave | lte10ft | tph as diesel | mg/kg | 13 | 28 | 46 | 6.4 | 390 | 93.32 | 104.8 | 4.8 | 4.8 | 73.95 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24401 marbella ave | lte10ft | tph as gasoline | mg/kg | 7 | 28 | 25 | 0.062 | 0.17 | 0.0809 | 0.0395 | 0.049 | 0.056 | 0.0745 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24401 marbella ave | lte10ft | tph as motor oil | mg/kg | 13 | 28 | 46 | 26 | 900 | 270 | 252.8 | 7 | 7 | 208.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24401 marbella ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 23 | 57.6 | 39.6 | 7.673 | -- | -- | 42.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24401 marbella ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 27.9 | 85.7 | 48.96 | 12.86 | -- | -- | 53.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 13 | 38 | 0.25 | 2.5 | 0.952 | 0.925 | 0.09 | 0.11 | 1.035 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 13 | 69 | 0.0016 | 13 | 2.351 | 4.29 | 0.0024 | 0.024 | 3.306 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 5.71 | 15.6 | 8.695 | 2.646 | -- | -- | 10 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | bap teq | mg/kg | 13 | 13 | 100 | 0.00528 | 0.613 | 0.103 | 0.173 | -- | -- | 0.312 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | benzene | µg/kg | 5 | 13 | 38 | 0.17 | 0.58 | 0.294 | 0.164 | 0.1 | 0.13 | 0.278 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 12 | 13 | 92 | 0.0029 | 1.2 | 0.145 | 0.336 | 0.013 | 0.013 | 0.528 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 11 | 13 | 85 | 0.0046 | 0.43 | 0.09 | 0.133 | 0.0099 | 0.0099 | 0.23 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 13 | 77 | 0.0027 | 0.27 | 0.053 | 0.0819 | 0.0004 | 0.007 | 0.132 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | chrysene | mg/kg | 13 | 13 | 100 | 0.015 | 1.9 | 0.383 | 0.569 | -- | -- | 0.805 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 7.29 | 14 | 10.1 | 1.638 | -- | -- | 10.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 12.9 | 26.4 | 17.28 | 3.281 | -- | -- | 18.93 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 13 | 77 | 0.22 | 38 | 6.685 | 13.43 | 0.12 | 0.13 | 19.85 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 5.77 | 9.06 | 7.317 | 1.105 | -- | -- | 7.863 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | naphthalene | mg/kg | 9 | 13 | 69 | 0.00047 | 3.4 | 0.647 | 1.142 | 0.00025 | 0.00031 | 0.972 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | pyrene | mg/kg | 13 | 13 | 100 | 0.0091 | 6.8 | 1.039 | 2.057 | -- | -- | 3.526 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | toluene | µg/kg | 7 | 13 | 54 | 0.13 | 0.38 | 0.213 | 0.092 | 0.12 | 0.14 | 0.217 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 13 | 13 | 100 | 37 | 13000 | 2465 | 4034 | -- | -- | 7376 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 12 | 13 | 92 | 0.052 | 160 | 14.96 | 45.72 | 0.048 | 0.048 | 67.16 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 13 | 13 | 100 | 66 | 14000 | 2930 | 4506 | -- | -- | 8158 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 30.3 | 49.1 | 36.68 | 4.43 | -- | -- | 38.89 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 13 | 77 | 0.3 | 8.3 | 1.578 | 2.435 | 0.16 | 0.17 | 2.478 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 35.1 | 63.3 | 42.35 | 7.056 | -- | -- | 45.78 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 22 | 23 | 0.0014 | 0.028 | 0.00934 | 0.0111 | 0.0011 | 0.021 | 0.00885 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 22 | 59 | 0.002 | 0.039 | 0.0124 | 0.0106 | 0.0006 | 0.012 | 0.0126 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte02ft | arsenic | mg/kg | 22 | 22 | 100 | 5 | 8.23 | 6.379 | 0.976 | -- | -- | 6.737 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte02ft | bap teq | mg/kg | 22 | 22 | 100 | 0.00307 | 0.126 | 0.0288 | 0.0264 | -- | -- | 0.0402 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte02ft | benzene | µg/kg | 11 | 22 | 50 | 0.12 | 0.61 | 0.254 | 0.146 | 0.11 | 0.14 | 0.233 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 20 | 22 | 91 | 0.0023 | 0.091 | 0.0201 | 0.0208 | 0.013 | 0.013 | 0.0377 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 21 | 22 | 95 | 0.0026 | 0.095 | 0.0233 | 0.02 | 0.002 | 0.002 | 0.0409 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 22 | 64 | 0.0023 | 0.059 | 0.0168 | 0.0145 | 0.0004 | 0.007 | 0.0172 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 22 | 32 | 0.0016 | 0.026 | 0.01 | 0.00992 | 0.0011 | 0.023 | 0.00915 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte02ft | chrysene | mg/kg | 22 | 22 | 100 | 0.0056 | 0.39 | 0.0682 | 0.0829 | -- | -- | 0.0988 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte02ft | cobalt | mg/kg | 22 | 22 | 100 | 7.77 | 12.3 | 9.775 | 1.126 | -- | -- | 10.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte02ft | copper | mg/kg | 22 | 22 | 100 | 11.4 | 19.7 | 14.52 | 2.276 | -- | -- | 15.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte02ft | ethylbenzene | µg/kg | 6 | 22 | 27 | 0.17 | 0.25 | 0.195 | 0.0321 | 0.12 | 0.16 | 0.186 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 22 | 32 | 0.0012 | 0.034 | 0.0114 | 0.012 | 0.0009 | 0.017 | 0.00911 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte02ft | lead | mg/kg | 22 | 22 | 100 | 6.82 | 24.6 | 10.03 | 3.575 | -- | -- | 11.43 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte02ft | naphthalene | mg/kg | 11 | 22 | 50 | 0.00034 | 0.012 | 0.00308 | 0.00368 | 0.00025 | 0.0003 | 0.0028 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 neptune ave | lte02ft | pyrene | mg/kg | 22 | 22 | 100 | 0.0032 | 0.49 | 0.0545 | 0.104 | -- | -- | 0.151 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte02ft | toluene | µg/kg | 9 | 22 | 41 | 0.13 | 0.55 | 0.273 | 0.138 | 0.12 | 0.15 | 0.248 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte02ft | tph as diesel | mg/kg | 22 | 22 | 100 | 11 | 2200 | 278 | 478.6 | -- | -- | 442.9 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 neptune ave | lte02ft | tph as gasoline | mg/kg | 11 | 22 | 50 | 0.059 | 1 | 0.167 | 0.278 | 0.047 | 0.064 | 0.196 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte02ft | tph as motor oil | mg/kg | 22 | 22 | 100 | 37 | 3600 | 583.8 | 802.2 | -- | -- | 886.3 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte02ft | vanadium | mg/kg | 22 | 22 | 100 | 29.5 | 40.2 | 34.69 | 3.094 | -- | -- | 35.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte02ft | xylenes, total | µg/kg | 8 | 22 | 36 | 0.18 | 0.59 | 0.363 | 0.136 | 0.15 | 0.21 | 0.342 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte02ft | zinc | mg/kg | 22 | 22 | 100 | 34.4 | 106 | 44.75 | 14.92 | -- | -- | 50.63 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 35 | 20 | 0.0013 | 0.028 | 0.0104 | 0.0115 | 0.0011 | 0.021 | 0.00532 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 35 | 54 | 0.002 | 0.039 | 0.0107 | 0.00988 | 0.0006 | 0.012 | 0.00976 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte05ft | arsenic | mg/kg | 35 | 35 | 100 | 4.13 | 9 | 6.169 | 1.26 | -- | -- | 6.529 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte05ft | bap teq | mg/kg | 35 | 35 | 100 | 0.00268 | 0.126 | 0.0248 | 0.0227 | -- | -- | 0.0315 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte05ft | benzene | µg/kg | 16 | 35 | 46 | 0.12 | 0.61 | 0.233 | 0.127 | 0.11 | 0.14 | 0.201 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 32 | 35 | 91 | 0.0023 | 0.091 | 0.02 | 0.0183 | 0.0033 | 0.013 | 0.032 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 31 | 35 | 89 | 0.0026 | 0.095 | 0.0208 | 0.0175 | 0.002 | 0.0099 | 0.024 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 35 | 54 | 0.0023 | 0.059 | 0.0154 | 0.0135 | 0.0004 | 0.007 | 0.0129 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 35 | 23 | 0.0016 | 0.026 | 0.00896 | 0.00964 | 0.0011 | 0.023 | 0.00581 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24402 neptune ave | lte05ft | chrysene | mg/kg | 35 | 35 | 100 | 0.0056 | 0.39 | 0.079 | 0.0891 | -- | -- | 0.121 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte05ft | cobalt | mg/kg | 35 | 35 | 100 | 7.77 | 12.3 | 9.571 | 1.17 | -- | -- | 9.906 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte05ft | copper | mg/kg | 35 | 35 | 100 | 9.13 | 19.7 | 13.96 | 2.39 | -- | -- | 14.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte05ft | ethylbenzene | µg/kg | 10 | 35 | 29 | 0.16 | 0.25 | 0.19 | 0.0359 | 0.12 | 0.16 | 0.177 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 35 | 23 | 0.0012 | 0.034 | 0.0101 | 0.0116 | 0.0009 | 0.017 | 0.00565 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte05ft | lead | mg/kg | 35 | 35 | 100 | 4.9 | 24.6 | 8.847 | 3.296 | -- | -- | 9.689 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 neptune ave | lte05ft | naphthalene | mg/kg | 14 | 35 | 40 | 0.00034 | 0.012 | 0.0026 | 0.00337 | 0.00025 | 0.00034 | 0.00201 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte05ft | pyrene | mg/kg | 35 | 35 | 100 | 0.0032 | 0.5 | 0.084 | 0.121 | -- | -- | 0.16 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte05ft | toluene | µg/kg | 13 | 35 | 37 | 0.13 | 0.55 | 0.277 | 0.116 | 0.12 | 0.15 | 0.239 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte05ft | tph as diesel | mg/kg | 35 | 35 | 100 | 11 | 4200 | 396.2 | 788.2 | -- | -- | 657.1 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte05ft | tph as gasoline | mg/kg | 16 | 35 | 46 | 0.055 | 1 | 0.152 | 0.235 | 0.046 | 0.078 | 0.152 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte05ft | tph as motor oil | mg/kg | 35 | 35 | 100 | 37 | 7000 | 733.5 | 1303 | -- | -- | 1139 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte05ft | vanadium | mg/kg | 35 | 35 | 100 | 28.9 | 40.9 | 34.27 | 3.313 | -- | -- | 35.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte05ft | xylenes, total | µg/kg | 17 | 35 | 49 | 0.16 | 0.59 | 0.315 | 0.128 | 0.15 | 0.21 | 0.277 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte05ft | zinc | mg/kg | 35 | 35 | 100 | 29 | 106 | 41.46 | 12.79 | -- | -- | 45.36 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 48 | 10 | 0.25 | 2.5 | 0.952 | 0.925 | 0.09 | 0.12 | 0.645 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 11 | 48 | 23 | 0.0013 | 12 | 1.739 | 3.638 | 0.0011 | 0.043 | 0.861 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 28 | 48 | 58 | 0.0016 | 13 | 0.763 | 2.587 | 0.0006 | 0.024 | 1.712 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte10ft | arsenic | mg/kg | 48 | 48 | 100 | 4.13 | 15.6 | 6.853 | 2.055 | -- | -- | 7.333 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte10ft | bap teq | mg/kg | 48 | 48 | 100 | 0.00268 | 0.613 | 0.0459 | 0.0962 | -- | -- | 0.0575 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte10ft | benzene | µg/kg | 21 | 48 | 44 | 0.12 | 0.61 | 0.247 | 0.135 | 0.1 | 0.14 | 0.202 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 44 | 48 | 92 | 0.0023 | 1.2 | 0.0541 | 0.18 | 0.0033 | 0.013 | 0.159 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 42 | 48 | 88 | 0.0026 | 0.43 | 0.0389 | 0.0742 | 0.002 | 0.0099 | 0.0789 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 29 | 48 | 60 | 0.0023 | 0.27 | 0.0283 | 0.051 | 0.0004 | 0.007 | 0.0444 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 48 | 21 | 0.0016 | 0.027 | 0.0107 | 0.0103 | 0.0011 | 0.09 | 0.00594 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte10ft | chrysene | mg/kg | 48 | 48 | 100 | 0.0056 | 1.9 | 0.161 | 0.327 | -- | -- | 0.221 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte10ft | cobalt | mg/kg | 48 | 48 | 100 | 7.29 | 14 | 9.713 | 1.316 | -- | -- | 10.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 neptune ave | lte10ft | copper | mg/kg | 48 | 48 | 100 | 9.13 | 26.4 | 14.86 | 3.019 | -- | -- | 15.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte10ft | ethylbenzene | µg/kg | 20 | 48 | 42 | 0.16 | 38 | 3.438 | 9.829 | 0.12 | 0.16 | 5.651 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 48 | 19 | 0.0012 | 0.046 | 0.0141 | 0.0162 | 0.0009 | 0.069 | 0.00629 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte10ft | lead | mg/kg | 48 | 48 | 100 | 4.9 | 24.6 | 8.432 | 2.94 | -- | -- | 9.052 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 neptune ave | lte10ft | naphthalene | mg/kg | 23 | 48 | 48 | 0.00034 | 3.4 | 0.255 | 0.76 | 0.00025 | 0.00034 | 0.463 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte10ft | pyrene | mg/kg | 48 | 48 | 100 | 0.0032 | 6.8 | 0.343 | 1.129 | -- | -- | 1.053 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte10ft | toluene | µg/kg | 20 | 48 | 42 | 0.13 | 0.55 | 0.255 | 0.11 | 0.12 | 0.15 | 0.205 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte10ft | tph as diesel | mg/kg | 48 | 48 | 100 | 11 | 13000 | 956.5 | 2338 | -- | -- | 2428 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte10ft | tph as gasoline | mg/kg | 28 | 48 | 58 | 0.052 | 160 | 6.5 | 30.12 | 0.046 | 0.078 | 18.43 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte10ft | tph as motor oil | mg/kg | 48 | 48 | 100 | 37 | 14000 | 1328 | 2718 | -- | -- | 2113 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24402 neptune ave | lte10ft | vanadium | mg/kg | 48 | 48 | 100 | 28.9 | 49.1 | 34.92 | 3.759 | -- | -- | 35.83 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 neptune ave | lte10ft | xylenes, total | µg/kg | 27 | 48 | 56 | 0.16 | 8.3 | 0.783 | 1.565 | 0.15 | 0.21 | 0.829 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 neptune ave | lte10ft | zinc | mg/kg | 48 | 48 | 100 | 29 | 106 | 41.7 | 11.45 | -- | -- | 44.63 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 31 | 45 | 0.1 | 0.96 | 0.306 | 0.243 | 0.089 | 0.11 | 0.252 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 13 | 31 | 42 | 0.0006 | 0.025 | 0.00322 | 0.00668 | 0.0006 | 0.0006 | 0.0034 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | gt05lte10ft | antimony | mg/kg | 28 | 31 | 90 | 0.343 | 2.1 | 1.138 | 0.512 | 0.306 | 0.306 | 1.227 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | arsenic | mg/kg | 31 | 31 | 100 | 1.36 | 27.9 | 9.052 | 5.283 | -- | -- | 10.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | bap teq | mg/kg | 8 | 31 | 26 | 0.000541 | 0.0138 | 0.00281 | 0.00448 | 0.00053 | 0.00053 | 0.00237 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | benzene | µg/kg | 15 | 31 | 48 | 0.13 | 0.56 | 0.241 | 0.121 | 0.1 | 0.13 | 0.221 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 31 | 19 | 0.0005 | 0.011 | 0.00273 | 0.00407 | 0.0005 | 0.0005 | 0.0021 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 31 | 19 | 0.0005 | 0.0073 | 0.00192 | 0.00264 | 0.0004 | 0.0004 | 0.00133 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | gt05lte10ft | cadmium | mg/kg | 7 | 31 | 23 | 0.099 | 0.825 | 0.356 | 0.257 | 0.0883 | 0.0883 | 0.269 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | cobalt | mg/kg | 31 | 31 | 100 | 5.43 | 16.5 | 11.38 | 3.01 | -- | -- | 12.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | copper | mg/kg | 31 | 31 | 100 | 5.81 | 45.5 | 24.84 | 8.582 | -- | -- | 27.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | lead | mg/kg | 31 | 31 | 100 | 4.08 | 9.9 | 6.693 | 1.731 | -- | -- | 7.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | naphthalene | mg/kg | 17 | 31 | 55 | 0.0009 | 0.011 | 0.00278 | 0.00285 | 0.00025 | 0.00032 | 0.00268 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | gt05lte10ft | pyrene | mg/kg | 16 | 31 | 52 | 0.0008 | 0.28 | 0.0355 | 0.0881 | 0.0008 | 0.0008 | 0.0702 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | gt05lte10ft | thallium | mg/kg | 8 | 31 | 26 | 0.33 | 0.742 | 0.512 | 0.125 | 0.232 | 0.232 | 0.518 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | toluene | µg/kg | 24 | 31 | 77 | 0.12 | 0.92 | 0.343 | 0.231 | 0.12 | 0.14 | 0.366 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | vanadium | mg/kg | 31 | 31 | 100 | 17.4 | 58.7 | 42.61 | 9.237 | -- | -- | 45.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | gt05lte10ft | xylenes, total | µg/kg | 12 | 31 | 39 | 0.2 | 1.5 | 0.506 | 0.481 | 0.15 | 0.18 | 0.425 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | gt05lte10ft | zinc | mg/kg | 31 | 31 | 100 | 21 | 71.1 | 48.43 | 12.41 | -- | -- | 52.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24402 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 33 | 64 | 52 | 0.1 | 1.2 | 0.541 | 0.286 | 0.084 | 0.12 | 0.397 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 44 | 64 | 69 | 0.0006 | 0.46 | 0.0236 | 0.0725 | 0.0006 | 0.048 | 0.0498 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | antimony | mg/kg | 61 | 64 | 95 | 0.353 | 2.09 | 0.967 | 0.376 | 0.306 | 0.306 | 1.019 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte02ft | arsenic | mg/kg | 64 | 64 | 100 | 0.832 | 11 | 4.614 | 1.915 | -- | -- | 5.061 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 panama ave | lte02ft | bap teq | mg/kg | 55 | 64 | 86 | 0.000565 | 0.584 | 0.0468 | 0.118 | 0.00053 | 0.00053 | 0.101 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | benzene | µg/kg | 49 | 64 | 77 | 0.11 | 0.61 | 0.235 | 0.112 | 0.1 | 0.14 | 0.233 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 47 | 64 | 73 | 0.0007 | 0.55 | 0.0406 | 0.0971 | 0.0007 | 0.0007 | 0.0764 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 51 | 64 | 80 | 0.0006 | 0.46 | 0.0378 | 0.0924 | 0.0005 | 0.0005 | 0.0759 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 51 | 64 | 80 | 0.0005 | 0.23 | 0.0203 | 0.0463 | 0.0004 | 0.014 | 0.0392 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 17 | 64 | 27 | 0.0011 | 0.18 | 0.0233 | 0.046 | 0.0011 | 0.23 | 0.0217 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte02ft | cadmium | mg/kg | 22 | 64 | 34 | 0.0892 | 0.418 | 0.186 | 0.098 | 0.0883 | 0.0883 | 0.138 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 panama ave | lte02ft | chrysene | mg/kg | 47 | 64 | 73 | 0.0016 | 2.4 | 0.151 | 0.441 | 0.0012 | 0.0012 | 0.32 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | cobalt | mg/kg | 64 | 64 | 100 | 2.58 | 14.2 | 9.928 | 2.501 | -- | -- | 10.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte02ft | copper | mg/kg | 64 | 64 | 100 | 3.96 | 27.3 | 16.57 | 5.8 | -- | -- | 17.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 13 | 64 | 20 | 0.0008 | 0.12 | 0.0139 | 0.0323 | 0.0007 | 0.13 | 0.00775 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte02ft | ethylbenzene | µg/kg | 16 | 64 | 25 | 0.14 | 0.47 | 0.244 | 0.1 | 0.11 | 0.17 | 0.18 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 64 | 31 | 0.0013 | 0.19 | 0.0289 | 0.0516 | 0.0009 | 0.069 | 0.0172 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte02ft | lead | mg/kg | 64 | 64 | 100 | 3.3 | 50.1 | 10.4 | 7.767 | -- | -- | 14.63 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | naphthalene | mg/kg | 25 | 64 | 39 | 0.0009 | 0.16 | 0.0105 | 0.0315 | 0.00024 | 0.00035 | 0.0102 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | pyrene | mg/kg | 57 | 64 | 89 | 0.0008 | 1.3 | 0.0878 | 0.256 | 0.0008 | 0.0008 | 0.211 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | toluene | µg/kg | 57 | 64 | 89 | 0.11 | 2.5 | 0.415 | 0.365 | 0.11 | 0.13 | 0.577 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte02ft | tph as diesel | mg/kg | 30 | 64 | 47 | 5.4 | 2500 | 289.6 | 586.3 | 4.8 | 4.8 | 371 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte02ft | tph as gasoline | mg/kg | 24 | 64 | 38 | 0.053 | 0.22 | 0.1 | 0.0494 | 0.046 | 0.12 | 0.0789 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte02ft | tph as motor oil | mg/kg | 36 | 64 | 56 | 7.2 | 7500 | 684.8 | 1576 | 7 | 7 | 1059 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte02ft | vanadium | mg/kg | 64 | 64 | 100 | 7.95 | 50 | 32.03 | 7.614 | -- | -- | 33.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte02ft | xylenes, total | µg/kg | 31 | 64 | 48 | 0.2 | 1.2 | 0.515 | 0.261 | 0.14 | 0.22 | 0.403 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 panama ave | lte02ft | zinc | mg/kg | 64 | 64 | 100 | 11.5 | 93.6 | 44.05 | 15.32 | -- | -- | 47.28 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 42 | 96 | 44 | 0.1 | 1.2 | 0.487 | 0.278 | 0.084 | 0.12 | 0.315 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 96 | 5.2 | 0.0011 | 0.13 | 0.0506 | 0.0639 | 0.0011 | 0.21 | 0.0158 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 55 | 96 | 57 | 0.0006 | 0.46 | 0.0223 | 0.0672 | 0.0006 | 0.048 | 0.0362 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | antimony | mg/kg | 92 | 96 | 96 | 0.316 | 2.09 | 1.006 | 0.406 | 0.306 | 0.306 | 1.054 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 panama ave | lte05ft | arsenic | mg/kg | 96 | 96 | 100 | 0.832 | 18.6 | 4.718 | 2.219 | -- | -- | 5.106 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | bap teq | mg/kg | 67 | 96 | 70 | 0.00054 | 0.584 | 0.0433 | 0.111 | 0.00053 | 0.00053 | 0.0726 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | benzene | µg/kg | 61 | 96 | 64 | 0.11 | 0.61 | 0.228 | 0.111 | 0.099 | 0.14 | 0.212 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 55 | 96 | 57 | 0.0007 | 0.55 | 0.0383 | 0.0923 | 0.0007 | 0.0007 | 0.0544 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 61 | 96 | 64 | 0.0006 | 0.46 | 0.0358 | 0.0878 | 0.0005 | 0.0005 | 0.0551 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 58 | 96 | 60 | 0.0005 | 0.23 | 0.02 | 0.0448 | 0.0004 | 0.014 | 0.0284 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 18 | 96 | 19 | 0.0011 | 0.18 | 0.0223 | 0.0449 | 0.0011 | 0.23 | 0.0148 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte05ft | cadmium | mg/kg | 29 | 96 | 30 | 0.0892 | 0.418 | 0.171 | 0.0912 | 0.0883 | 0.0883 | 0.126 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | chromium, hexavalent | mg/kg | 9 | 96 | 9.4 | 0.22 | 0.6 | 0.373 | 0.137 | 0.22 | 0.22 | 0.257 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte05ft | chrysene | mg/kg | 56 | 96 | 58 | 0.0016 | 2.4 | 0.14 | 0.412 | 0.0012 | 0.0012 | 0.226 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | cobalt | mg/kg | 96 | 96 | 100 | 2.58 | 15.5 | 10.82 | 2.699 | -- | -- | 11.28 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | copper | mg/kg | 96 | 96 | 100 | 3.96 | 47.9 | 17.47 | 6.146 | -- | -- | 18.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 15 | 96 | 16 | 0.0008 | 0.12 | 0.0144 | 0.0306 | 0.0007 | 0.13 | 0.0062 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte05ft | ethylbenzene | µg/kg | 17 | 96 | 18 | 0.14 | 0.47 | 0.253 | 0.104 | 0.11 | 0.17 | 0.171 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 96 | 24 | 0.0013 | 0.19 | 0.0283 | 0.0485 | 0.0009 | 0.069 | 0.0137 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte05ft | lead | mg/kg | 96 | 96 | 100 | 3.3 | 50.1 | 9.819 | 6.449 | -- | -- | 10.95 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | naphthalene | mg/kg | 36 | 96 | 38 | 0.0009 | 0.16 | 0.0082 | 0.0264 | 0.00024 | 0.00035 | 0.00713 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | pyrene | mg/kg | 72 | 96 | 75 | 0.0008 | 1.3 | 0.0868 | 0.252 | 0.0008 | 0.0008 | 0.164 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | toluene | µg/kg | 78 | 96 | 81 | 0.11 | 2.5 | 0.4 | 0.337 | 0.11 | 0.13 | 0.408 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte05ft | tph as diesel | mg/kg | 33 | 96 | 34 | 5.4 | 9500 | 571 | 1699 | 4.8 | 4.8 | 659.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte05ft | tph as gasoline | mg/kg | 27 | 96 | 28 | 0.053 | 0.27 | 0.106 | 0.0571 | 0.045 | 0.12 | 0.0744 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 panama ave | lte05ft | tph as motor oil | mg/kg | 40 | 96 | 42 | 7.2 | 12000 | 954.6 | 2340 | 7 | 7 | 1106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte05ft | vanadium | mg/kg | 96 | 96 | 100 | 7.95 | 50.8 | 34.45 | 8.19 | -- | -- | 35.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte05ft | xylenes, total | µg/kg | 38 | 96 | 40 | 0.2 | 1.6 | 0.513 | 0.308 | 0.14 | 0.22 | 0.366 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 panama ave | lte05ft | zinc | mg/kg | 96 | 96 | 100 | 11.5 | 93.6 | 43.93 | 13.78 | -- | -- | 46.29 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 56 | 127 | 44 | 0.1 | 1.2 | 0.442 | 0.279 | 0.084 | 0.12 | 0.291 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 6 | 127 | 4.7 | 0.0011 | 0.13 | 0.0428 | 0.0602 | 0.0011 | 0.21 | 0.00551 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 68 | 127 | 54 | 0.0006 | 0.46 | 0.0187 | 0.0608 | 0.0006 | 0.048 | 0.0279 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24402 panama ave | lte10ft | antimony | mg/kg | 120 | 127 | 94 | 0.316 | 2.1 | 1.037 | 0.434 | 0.306 | 0.306 | 1.064 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte10ft | arsenic | mg/kg | 127 | 127 | 100 | 0.832 | 27.9 | 5.776 | 3.722 | -- | -- | 7.215 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | bap teq | mg/kg | 75 | 127 | 59 | 0.00054 | 0.584 | 0.039 | 0.106 | 0.00053 | 0.00053 | 0.0555 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | benzene | µg/kg | 76 | 127 | 60 | 0.11 | 0.61 | 0.231 | 0.112 | 0.099 | 0.14 | 0.2 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 58 | 127 | 46 | 0.0007 | 0.55 | 0.0365 | 0.0902 | 0.0007 | 0.0007 | 0.0416 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 67 | 127 | 53 | 0.0005 | 0.46 | 0.0329 | 0.0843 | 0.0005 | 0.0005 | 0.0421 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 64 | 127 | 50 | 0.0005 | 0.23 | 0.0183 | 0.043 | 0.0004 | 0.014 | 0.0218 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 19 | 127 | 15 | 0.0011 | 0.18 | 0.0214 | 0.0438 | 0.0011 | 0.23 | 0.00789 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte10ft | cadmium | mg/kg | 36 | 127 | 28 | 0.0892 | 0.825 | 0.207 | 0.153 | 0.0883 | 0.0883 | 0.138 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | chromium, hexavalent | mg/kg | 9 | 127 | 7.1 | 0.22 | 0.6 | 0.373 | 0.137 | 0.22 | 0.22 | 0.285 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte10ft | chrysene | mg/kg | 60 | 127 | 47 | 0.0016 | 2.4 | 0.131 | 0.399 | 0.0012 | 0.0012 | 0.172 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | cobalt | mg/kg | 127 | 127 | 100 | 2.58 | 16.5 | 10.96 | 2.776 | -- | -- | 11.37 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | copper | mg/kg | 127 | 127 | 100 | 3.96 | 47.9 | 19.27 | 7.492 | -- | -- | 20.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 15 | 127 | 12 | 0.0008 | 0.12 | 0.0144 | 0.0306 | 0.0007 | 0.13 | 0.00474 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte10ft | ethylbenzene | µg/kg | 21 | 127 | 17 | 0.14 | 0.54 | 0.268 | 0.12 | 0.11 | 0.17 | 0.175 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 26 | 127 | 20 | 0.001 | 0.19 | 0.0253 | 0.0463 | 0.0009 | 0.069 | 0.0102 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte10ft | lead | mg/kg | 127 | 127 | 100 | 3.3 | 50.1 | 9.056 | 5.822 | -- | -- | 9.943 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | naphthalene | mg/kg | 53 | 127 | 42 | 0.0009 | 0.16 | 0.00646 | 0.0219 | 0.00024 | 0.00035 | 0.00577 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | pyrene | mg/kg | 88 | 127 | 69 | 0.0008 | 1.3 | 0.0775 | 0.231 | 0.0008 | 0.0008 | 0.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | thallium | mg/kg | 12 | 127 | 9.5 | 0.28 | 0.742 | 0.474 | 0.145 | 0.232 | 0.232 | 0.352 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte10ft | toluene | µg/kg | 102 | 127 | 80 | 0.11 | 2.5 | 0.387 | 0.315 | 0.11 | 0.14 | 0.378 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | tph as diesel | mg/kg | 37 | 127 | 29 | 5.2 | 9500 | 510.3 | 1612 | 4.8 | 4.8 | 500.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 panama ave | lte10ft | tph as gasoline | mg/kg | 29 | 127 | 23 | 0.053 | 0.27 | 0.105 | 0.0552 | 0.045 | 0.12 | 0.07 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 panama ave | lte10ft | tph as motor oil | mg/kg | 44 | 127 | 35 | 7.2 | 12000 | 871 | 2245 | 7 | 7 | 842.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | vanadium | mg/kg | 127 | 127 | 100 | 7.95 | 58.7 | 36.44 | 9.126 | -- | -- | 37.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 panama ave | lte10ft | xylenes, total | µg/kg | 50 | 127 | 39 | 0.2 | 1.6 | 0.512 | 0.351 | 0.14 | 0.22 | 0.365 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 panama ave | lte10ft | zinc | mg/kg | 127 | 127 | 100 | 11.5 | 93.6 | 45.03 | 13.55 | -- | -- | 47.03 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 11 | 82 | 0.28 | 47000 | 12624 | 17884 | 0.72 | 0.74 | 32646 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 11 | 64 | 0.38 | 15000 | 4353 | 6366 | 0.087 | 0.87 | 5918 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.0049 | 63 | 11.48 | 19.24 | -- | -- | 56.19 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 0.0021 | 100 | 18.67 | 29.49 | -- | -- | 80.83 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 4.35 | 25 | 10.7 | 6.523 | -- | -- | 14.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | bap teq | mg/kg | 9 | 11 | 82 | 0.000541 | 0.569 | 0.126 | 0.183 | 0.00053 | 0.103 | 0.331 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | benzene | µg/kg | 9 | 11 | 82 | 1.1 | 18000 | 4787 | 7088 | 0.11 | 0.71 | 12727 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 11 | 64 | 0.016 | 0.88 | 0.209 | 0.314 | 0.0007 | 0.16 | 0.289 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | cadmium | mg/kg | 5 | 11 | 45 | 0.0905 | 0.345 | 0.154 | 0.109 | 0.0064 | 0.0099 | 0.164 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | chrysene | mg/kg | 9 | 11 | 82 | 0.0017 | 0.83 | 0.315 | 0.275 | 0.0012 | 0.24 | 0.413 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 7.47 | 16.1 | 10.81 | 2.838 | -- | -- | 12.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 14.8 | 31.8 | 22.26 | 5.905 | -- | -- | 25.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 9 | 11 | 82 | 0.13 | 33000 | 6645 | 11416 | 0.76 | 0.79 | 19470 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 4.5 | 10.2 | 6.189 | 1.596 | -- | -- | 7.108 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 11 | 11 | 100 | 0.0015 | 46 | 9.386 | 13.54 | -- | -- | 34.81 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | pyrene | mg/kg | 9 | 11 | 82 | 0.001 | 2.2 | 0.545 | 0.686 | 0.0008 | 0.16 | 1.314 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | toluene | µg/kg | 5 | 11 | 45 | 0.18 | 210 | 71.64 | 81.23 | 0.12 | 0.73 | 81.09 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 11 | 91 | 21 | 36000 | 7728 | 11528 | 4.8 | 4.8 | 21795 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 11 | 100 | 0.73 | 5300 | 1189 | 1657 | -- | -- | 3903 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 11 | 91 | 28 | 30000 | 6825 | 9696 | 7 | 7 | 18655 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 30.8 | 46.9 | 38.05 | 5.329 | -- | -- | 40.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 10 | 70 | 0.33 | 43000 | 10267 | 16611 | 17 | 38 | 15547 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 35.9 | 66.4 | 47.6 | 8.758 | -- | -- | 52.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 19 | 32 | 0.14 | 13000 | 2260 | 5266 | 0.092 | 0.72 | 1977 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 11 | 19 | 58 | 0.0033 | 18 | 3.723 | 5.521 | 0.0043 | 0.043 | 4.294 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 19 | 84 | 0.0061 | 28 | 3.717 | 7.392 | 0.0048 | 0.024 | 10.06 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 3.39 | 7.33 | 5.476 | 1.082 | -- | -- | 5.907 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte02ft | bap teq | mg/kg | 17 | 19 | 89 | 0.0026 | 0.229 | 0.0505 | 0.0596 | 0.0411 | 0.103 | 0.105 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | benzene | µg/kg | 8 | 19 | 42 | 0.12 | 1100 | 154.1 | 384.9 | 0.11 | 0.69 | 327.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 19 | 74 | 0.0065 | 0.24 | 0.056 | 0.0631 | 0.0026 | 0.13 | 0.104 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 19 | 53 | 0.008 | 0.17 | 0.059 | 0.0531 | 0.001 | 0.099 | 0.0552 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 19 | 74 | 0.003 | 0.086 | 0.0211 | 0.0212 | 0.0014 | 0.07 | 0.0258 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24402 ravenna ave | lte02ft | cadmium | mg/kg | 11 | 19 | 58 | 0.0982 | 1.54 | 0.414 | 0.507 | 0.0064 | 0.0099 | 0.467 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte02ft | chromium, hexavalent | mg/kg | 5 | 19 | 26 | 0.066 | 0.27 | 0.175 | 0.086 | 0.22 | 0.22 | 0.185 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte02ft | chrysene | mg/kg | 17 | 19 | 89 | 0.0097 | 0.56 | 0.145 | 0.148 | 0.095 | 0.24 | 0.281 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 8.31 | 11.5 | 9.748 | 1.007 | -- | -- | 10.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 12 | 34.5 | 17.84 | 5.79 | -- | -- | 20.14 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 19 | 42 | 0.0018 | 0.013 | 0.00665 | 0.00382 | 0.0013 | 0.13 | 0.00682 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte02ft | ethylbenzene | µg/kg | 5 | 19 | 26 | 4.3 | 4300 | 980 | 1870 | 0.12 | 0.75 | 687.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 19 | 42 | 0.0024 | 0.021 | 0.00995 | 0.00685 | 0.0035 | 0.17 | 0.00987 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 5.41 | 38 | 11.76 | 9.019 | -- | -- | 20.78 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte02ft | naphthalene | mg/kg | 14 | 19 | 74 | 0.0026 | 12 | 1.712 | 3.342 | 0.00027 | 0.00032 | 4.235 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | pyrene | mg/kg | 17 | 19 | 89 | 0.0092 | 2.6 | 0.325 | 0.628 | 0.065 | 0.16 | 0.895 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | toluene | µg/kg | 7 | 19 | 37 | 0.19 | 840 | 120.3 | 317.3 | 0.12 | 0.7 | 247 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte02ft | tph as diesel | mg/kg | 19 | 19 | 100 | 55 | 9700 | 1994 | 2729 | -- | -- | 3554 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | tph as gasoline | mg/kg | 12 | 19 | 63 | 0.052 | 1100 | 158.6 | 323.6 | 0.049 | 0.068 | 225.9 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | tph as motor oil | mg/kg | 19 | 19 | 100 | 170 | 9300 | 2436 | 2462 | -- | -- | 3694 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 29 | 50.4 | 36.8 | 5.408 | -- | -- | 38.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 31 | 104 | 46.99 | 19.65 | -- | -- | 55.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 29 | 31 | 0.13 | 13000 | 1598 | 4287 | 0.092 | 0.75 | 2531 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 29 | 17 | 0.089 | 4100 | 904.1 | 1790 | 0.078 | 0.87 | 419.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 20 | 29 | 69 | 0.0022 | 18 | 2.752 | 5.003 | 0.0011 | 0.043 | 5.424 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 29 | 86 | 0.0017 | 28 | 3.185 | 6.919 | 0.0006 | 0.024 | 8.024 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte05ft | arsenic | mg/kg | 29 | 29 | 100 | 3.39 | 9.5 | 5.682 | 1.355 | -- | -- | 6.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte05ft | bap teq | mg/kg | 26 | 29 | 90 | 0.000556 | 0.229 | 0.0413 | 0.0528 | 0.00053 | 0.103 | 0.0798 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte05ft | benzene | µg/kg | 9 | 29 | 31 | 0.12 | 1100 | 144.7 | 361.1 | 0.11 | 0.72 | 217.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 29 | 72 | 0.0019 | 0.24 | 0.0453 | 0.054 | 0.0007 | 0.13 | 0.0756 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 13 | 29 | 45 | 0.008 | 0.17 | 0.0505 | 0.0488 | 0.0005 | 0.099 | 0.0402 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 29 | 69 | 0.0013 | 0.086 | 0.0179 | 0.0186 | 0.0004 | 0.07 | 0.02 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte05ft | cadmium | mg/kg | 18 | 29 | 62 | 0.015 | 1.54 | 0.307 | 0.418 | 0.0064 | 0.0099 | 0.488 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 29 | 24 | 0.066 | 0.27 | 0.161 | 0.0749 | 0.22 | 0.22 | 0.16 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte05ft | chrysene | mg/kg | 26 | 29 | 90 | 0.0032 | 0.56 | 0.125 | 0.135 | 0.0012 | 0.24 | 0.223 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte05ft | cobalt | mg/kg | 29 | 29 | 100 | 8.31 | 18.4 | 10.42 | 1.924 | -- | -- | 10.99 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 ravenna ave | lte05ft | copper | mg/kg | 29 | 29 | 100 | 12 | 34.5 | 17.87 | 5.125 | -- | -- | 19.54 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 29 | 34 | 0.0018 | 0.013 | 0.00646 | 0.00341 | 0.0007 | 0.13 | 0.00577 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte05ft | ethylbenzene | µg/kg | 9 | 29 | 31 | 0.32 | 4300 | 579.5 | 1407 | 0.12 | 0.79 | 443.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 29 | 38 | 0.0024 | 0.021 | 0.00977 | 0.00585 | 0.0009 | 0.17 | 0.00839 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte05ft | lead | mg/kg | 29 | 29 | 100 | 5.41 | 38 | 10.85 | 8.169 | -- | -- | 17.46 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte05ft | naphthalene | mg/kg | 23 | 29 | 79 | 0.0026 | 12 | 1.593 | 3.516 | 0.00027 | 0.00032 | 3.854 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte05ft | pyrene | mg/kg | 25 | 29 | 86 | 0.0092 | 2.6 | 0.259 | 0.525 | 0.0008 | 0.16 | 0.627 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 ravenna ave | lte05ft | toluene | µg/kg | 8 | 29 | 28 | 0.19 | 840 | 108.9 | 295.6 | 0.12 | 0.72 | 162.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte05ft | tph as diesel | mg/kg | 26 | 29 | 90 | 55 | 12000 | 2081 | 3155 | 4.8 | 4.8 | 4343 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte05ft | tph as gasoline | mg/kg | 21 | 29 | 72 | 0.052 | 1100 | 138.1 | 317.3 | 0.049 | 0.068 | 324.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte05ft | tph as motor oil | mg/kg | 26 | 29 | 90 | 82 | 11000 | 2404 | 2848 | 7 | 7 | 4423 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte05ft | vanadium | mg/kg | 29 | 29 | 100 | 29 | 52.1 | 37.44 | 5.613 | -- | -- | 39.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte05ft | xylenes, total | µg/kg | 8 | 29 | 28 | 0.31 | 20000 | 2675 | 7011 | 0.16 | 18 | 1969 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte05ft | zinc | mg/kg | 29 | 29 | 100 | 27 | 104 | 44.99 | 16.78 | -- | -- | 50.53 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 40 | 45 | 0.13 | 47000 | 7111 | 13832 | 0.092 | 0.75 | 5855 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 40 | 30 | 0.089 | 15000 | 2916 | 5140 | 0.078 | 0.87 | 1712 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 30 | 39 | 77 | 0.0022 | 63 | 5.661 | 12.2 | 0.0011 | 0.043 | 12.01 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 36 | 40 | 90 | 0.0017 | 100 | 7.918 | 18.27 | 0.0006 | 0.024 | 19.19 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 3.39 | 25 | 7.062 | 4.168 | -- | -- | 8.222 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte10ft | bap teq | mg/kg | 35 | 40 | 88 | 0.000541 | 0.569 | 0.063 | 0.107 | 0.00053 | 0.103 | 0.126 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | benzene | µg/kg | 18 | 40 | 45 | 0.12 | 18000 | 2466 | 5423 | 0.11 | 0.72 | 2135 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 40 | 70 | 0.0019 | 0.88 | 0.0863 | 0.171 | 0.0007 | 0.16 | 0.166 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24402 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 13 | 40 | 33 | 0.008 | 0.17 | 0.0505 | 0.0488 | 0.0005 | 0.16 | 0.0328 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 40 | 58 | 0.0013 | 0.086 | 0.0193 | 0.0195 | 0.0004 | 0.22 | 0.0187 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | cadmium | mg/kg | 23 | 40 | 58 | 0.015 | 1.54 | 0.273 | 0.376 | 0.0064 | 0.0099 | 0.272 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 9 | 40 | 23 | 0.066 | 0.27 | 0.156 | 0.0672 | 0.22 | 0.43 | 0.157 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte10ft | chrysene | mg/kg | 35 | 40 | 88 | 0.0017 | 0.83 | 0.174 | 0.196 | 0.0012 | 0.24 | 0.288 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 7.47 | 18.4 | 10.53 | 2.18 | -- | -- | 11.09 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24402 ravenna ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 12 | 34.5 | 19.08 | 5.634 | -- | -- | 20.58 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 40 | 25 | 0.0018 | 0.013 | 0.00646 | 0.00341 | 0.0007 | 0.14 | 0.00539 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte10ft | ethylbenzene | µg/kg | 18 | 40 | 45 | 0.13 | 33000 | 3612 | 8485 | 0.12 | 0.79 | 3220 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 40 | 28 | 0.0024 | 0.021 | 0.00977 | 0.00585 | 0.0009 | 0.17 | 0.00776 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 4.5 | 38 | 9.567 | 7.28 | -- | -- | 11.59 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte10ft | naphthalene | mg/kg | 34 | 40 | 85 | 0.0015 | 46 | 4.114 | 8.802 | 0.00027 | 0.00032 | 9.183 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte10ft | pyrene | mg/kg | 34 | 40 | 85 | 0.001 | 2.6 | 0.335 | 0.575 | 0.0008 | 0.16 | 0.662 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | toluene | µg/kg | 13 | 40 | 33 | 0.18 | 840 | 94.58 | 231.3 | 0.12 | 0.73 | 68.07 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 ravenna ave | lte10ft | tph as diesel | mg/kg | 36 | 40 | 90 | 21 | 36000 | 3649 | 6918 | 4.8 | 4.8 | 7874 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | tph as gasoline | mg/kg | 32 | 40 | 80 | 0.052 | 5300 | 499.3 | 1099 | 0.049 | 0.068 | 1091 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24402 ravenna ave | lte10ft | tph as motor oil | mg/kg | 36 | 40 | 90 | 28 | 30000 | 3632 | 5831 | 7 | 7 | 7158 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24402 ravenna ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 29 | 52.1 | 37.61 | 5.475 | -- | -- | 39.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24402 ravenna ave | lte10ft | xylenes, total | µg/kg | 15 | 39 | 38 | 0.31 | 43000 | 6218 | 12578 | 0.16 | 38 | 4661 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24402 ravenna ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 27 | 104 | 45.71 | 14.94 | -- | -- | 49.84 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 8 | 100 | 13 | 18000 | 4611 | 6518 | -- | -- | 18000 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 8 | 88 | 2.5 | 5300 | 1286 | 1928 | 8.1 | 8.1 | 3993 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 8 | 100 | 3.5 | 23 | 9.963 | 6.486 | -- | -- | 14.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 4.2 | 36 | 14.88 | 10.53 | -- | -- | 21.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | antimony | mg/kg | 8 | 8 | 100 | 0.487 | 1.99 | 1.099 | 0.585 | -- | -- | 1.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 5.89 | 18.6 | 11.33 | 3.801 | -- | -- | 13.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | bap teq | mg/kg | 7 | 8 | 88 | 0.0854 | 0.372 | 0.209 | 0.0996 | 0.0411 | 0.0411 | 0.262 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | benzene | µg/kg | 7 | 8 | 88 | 8.1 | 5200 | 1412 | 1983 | 11 | 11 | 4198 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 8 | 75 | 0.14 | 0.56 | 0.273 | 0.157 | 0.052 | 0.26 | 0.344 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | chrysene | mg/kg | 6 | 8 | 75 | 0.14 | 1.2 | 0.673 | 0.43 | 0.095 | 0.47 | 0.845 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 7.88 | 19 | 11.36 | 4.01 | -- | -- | 14.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 15 | 33.4 | 19.61 | 6.061 | -- | -- | 23.95 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 8 | 100 | 11 | 8600 | 3185 | 3194 | -- | -- | 5324 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.48 | 12.4 | 7.686 | 2.626 | -- | -- | 9.445 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | naphthalene | mg/kg | 8 | 8 | 100 | 1.3 | 15 | 6.488 | 4.082 | -- | -- | 9.222 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | pyrene | mg/kg | 7 | 8 | 88 | 0.17 | 4.2 | 1.559 | 1.649 | 0.33 | 0.33 | 2.471 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 5100 | 19000 | 11475 | 4942 | -- | -- | 14785 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 8 | 100 | 270 | 2000 | 928.8 | 618.6 | -- | -- | 1343 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 4400 | 20000 | 12300 | 5838 | -- | -- | 16210 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 31.4 | 73.5 | 43.15 | 14.45 | -- | -- | 53.88 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 8 | 8 | 100 | 4.6 | 22000 | 4134 | 7691 | -- | -- | 22000 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 32.8 | 66.2 | 45.23 | 11.67 | -- | -- | 53.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 20 | 30 | 0.16 | 0.33 | 0.25 | 0.069 | 0.093 | 0.15 | 0.237 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 20 | 45 | 0.0012 | 4.8 | 0.66 | 1.582 | 0.0011 | 0.021 | 1.387 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 19 | 20 | 95 | 0.001 | 7.1 | 0.446 | 1.624 | 0.0048 | 0.0048 | 1.969 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | antimony | mg/kg | 18 | 20 | 90 | 0.459 | 1.48 | 0.99 | 0.317 | 0.306 | 0.306 | 1.069 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 4.03 | 17.3 | 7.521 | 2.812 | -- | -- | 8.598 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00162 | 0.876 | 0.0635 | 0.192 | -- | -- | 0.251 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | benzene | µg/kg | 11 | 20 | 55 | 0.13 | 0.47 | 0.276 | 0.114 | 0.11 | 0.12 | 0.263 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 20 | 20 | 100 | 0.0014 | 0.42 | 0.0385 | 0.0916 | -- | -- | 0.128 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 20 | 85 | 0.0012 | 0.69 | 0.0562 | 0.164 | 0.001 | 0.039 | 0.197 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 20 | 80 | 0.0017 | 0.41 | 0.0349 | 0.1 | 0.0004 | 0.028 | 0.117 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 20 | 35 | 0.0012 | 0.29 | 0.0453 | 0.108 | 0.0011 | 0.09 | 0.0832 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | chrysene | mg/kg | 19 | 20 | 95 | 0.004 | 0.8 | 0.0838 | 0.178 | 0.095 | 0.095 | 0.251 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 7.73 | 14.2 | 9.98 | 1.521 | -- | -- | 10.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 10.2 | 29.7 | 18.59 | 4.728 | -- | -- | 20.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 20 | 40 | 0.0014 | 0.074 | 0.0128 | 0.0248 | 0.0007 | 0.054 | 0.0136 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 20 | 45 | 0.0027 | 0.41 | 0.0525 | 0.134 | 0.0009 | 0.069 | 0.117 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 4.96 | 35 | 12.72 | 7.91 | -- | -- | 15.91 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte02ft | naphthalene | mg/kg | 14 | 20 | 70 | 0.001 | 2.9 | 0.244 | 0.769 | 0.00026 | 0.0003 | 0.808 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0024 | 2.9 | 0.173 | 0.642 | -- | -- | 0.799 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte02ft | toluene | µg/kg | 10 | 20 | 50 | 0.13 | 0.51 | 0.247 | 0.116 | 0.12 | 0.14 | 0.235 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte02ft | tph as diesel | mg/kg | 19 | 20 | 95 | 7.6 | 11000 | 1006 | 2541 | 4.8 | 4.8 | 3380 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | tph as motor oil | mg/kg | 19 | 20 | 95 | 22 | 11000 | 1388 | 2494 | 7 | 7 | 3708 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 26 | 43.8 | 34.41 | 4.715 | -- | -- | 36.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24403 neptune ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 28.5 | 109 | 56.51 | 22.49 | -- | -- | 65.77 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 21 | 38 | 55 | 0.096 | 26000 | 1552 | 5733 | 0.093 | 0.15 | 3923 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 38 | 26 | 0.089 | 6900 | 839.3 | 2167 | 0.073 | 8.5 | 543.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 26 | 38 | 68 | 0.0012 | 22 | 3.782 | 5.994 | 0.0011 | 0.021 | 3.992 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 37 | 38 | 97 | 0.001 | 34 | 3.969 | 8.069 | 0.0048 | 0.0048 | 9.513 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte05ft | antimony | mg/kg | 36 | 38 | 95 | 0.355 | 1.77 | 1.087 | 0.372 | 0.306 | 0.306 | 1.159 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte05ft | arsenic | mg/kg | 38 | 38 | 100 | 4.03 | 18.7 | 8.333 | 3.604 | -- | -- | 9.316 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 neptune ave | lte05ft | bap teq | mg/kg | 36 | 38 | 95 | 0.00162 | 1.07 | 0.134 | 0.247 | 0.208 | 0.208 | 0.3 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte05ft | benzene | µg/kg | 22 | 38 | 58 | 0.12 | 11000 | 578.4 | 2352 | 0.1 | 12 | 1617 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 36 | 38 | 95 | 0.0014 | 2.2 | 0.173 | 0.395 | 0.26 | 0.26 | 0.439 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 32 | 38 | 84 | 0.0012 | 0.7 | 0.105 | 0.184 | 0.001 | 0.2 | 0.213 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 28 | 38 | 74 | 0.001 | 0.41 | 0.0649 | 0.106 | 0.0004 | 0.14 | 0.117 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 11 | 38 | 29 | 0.0012 | 0.29 | 0.0479 | 0.091 | 0.0011 | 0.45 | 0.0332 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 neptune ave | lte05ft | chrysene | mg/kg | 35 | 38 | 92 | 0.004 | 4.8 | 0.403 | 0.855 | 0.095 | 0.47 | 0.962 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte05ft | cobalt | mg/kg | 38 | 38 | 100 | 7.29 | 17 | 10.01 | 1.864 | -- | -- | 10.51 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte05ft | copper | mg/kg | 38 | 38 | 100 | 10.2 | 29.7 | 17.87 | 4.582 | -- | -- | 19.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 38 | 32 | 0.0014 | 0.12 | 0.0218 | 0.0368 | 0.0007 | 0.27 | 0.0169 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte05ft | ethylbenzene | µg/kg | 21 | 38 | 55 | 0.15 | 14000 | 1471 | 3475 | 0.12 | 0.2 | 2715 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 38 | 34 | 0.0027 | 0.41 | 0.0519 | 0.114 | 0.0009 | 0.35 | 0.0435 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte05ft | lead | mg/kg | 38 | 38 | 100 | 4.96 | 35 | 10.33 | 6.368 | -- | -- | 12.14 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte05ft | naphthalene | mg/kg | 32 | 38 | 84 | 0.00032 | 14 | 2.121 | 4.217 | 0.00026 | 0.0003 | 4.579 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 neptune ave | lte05ft | pyrene | mg/kg | 37 | 38 | 97 | 0.0024 | 5.9 | 0.74 | 1.442 | 0.33 | 0.33 | 1.731 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte05ft | toluene | µg/kg | 15 | 38 | 39 | 0.13 | 82 | 5.723 | 21.1 | 0.11 | 13 | 11.93 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte05ft | tph as diesel | mg/kg | 37 | 38 | 97 | 7.6 | 22000 | 3883 | 5525 | 4.8 | 4.8 | 7662 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte05ft | tph as gasoline | mg/kg | 20 | 38 | 53 | 0.066 | 2800 | 355.7 | 706.3 | 0.05 | 0.07 | 348.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte05ft | tph as motor oil | mg/kg | 37 | 38 | 97 | 22 | 21000 | 4323 | 5208 | 7 | 7 | 7877 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte05ft | vanadium | mg/kg | 38 | 38 | 100 | 26 | 49.2 | 35.19 | 6.043 | -- | -- | 36.87 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte05ft | xylenes, total | µg/kg | 19 | 38 | 50 | 0.16 | 14000 | 918.7 | 3231 | 0.16 | 17 | 2109 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte05ft | zinc | mg/kg | 38 | 38 | 100 | 28.5 | 109 | 48.85 | 18.57 | -- | -- | 54.09 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 29 | 46 | 63 | 0.096 | 26000 | 2396 | 6002 | 0.093 | 0.15 | 4666 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 17 | 46 | 37 | 0.089 | 6900 | 1023 | 2022 | 0.073 | 8.5 | 707.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 34 | 46 | 74 | 0.0012 | 23 | 5.237 | 6.574 | 0.0011 | 0.021 | 7.801 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 45 | 46 | 98 | 0.001 | 36 | 5.908 | 9.418 | 0.0048 | 0.0048 | 11.79 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | antimony | mg/kg | 44 | 46 | 96 | 0.355 | 1.99 | 1.089 | 0.41 | 0.306 | 0.306 | 1.166 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte10ft | arsenic | mg/kg | 46 | 46 | 100 | 4.03 | 18.7 | 8.855 | 3.775 | -- | -- | 9.803 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte10ft | bap teq | mg/kg | 43 | 46 | 93 | 0.00162 | 1.07 | 0.146 | 0.23 | 0.0411 | 0.208 | 0.283 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte10ft | benzene | µg/kg | 29 | 46 | 63 | 0.12 | 11000 | 779.7 | 2264 | 0.1 | 12 | 1673 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 42 | 46 | 91 | 0.0014 | 2.2 | 0.187 | 0.37 | 0.052 | 0.26 | 0.405 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 36 | 46 | 78 | 0.0012 | 0.7 | 0.111 | 0.177 | 0.001 | 0.2 | 0.195 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 31 | 46 | 67 | 0.001 | 0.41 | 0.0689 | 0.102 | 0.0004 | 0.14 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 46 | 24 | 0.0012 | 0.29 | 0.0479 | 0.091 | 0.0011 | 0.45 | 0.0292 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 neptune ave | lte10ft | chrysene | mg/kg | 41 | 46 | 89 | 0.004 | 4.8 | 0.442 | 0.809 | 0.095 | 0.47 | 0.9 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 neptune ave | lte10ft | cobalt | mg/kg | 46 | 46 | 100 | 7.29 | 19 | 10.25 | 2.372 | -- | -- | 10.85 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | copper | mg/kg | 46 | 46 | 100 | 10.2 | 33.4 | 18.17 | 4.84 | -- | -- | 19.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 46 | 26 | 0.0014 | 0.12 | 0.0218 | 0.0368 | 0.0007 | 0.27 | 0.0164 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 neptune ave | lte10ft | ethylbenzene | µg/kg | 29 | 46 | 63 | 0.15 | 14000 | 1944 | 3433 | 0.12 | 0.2 | 3081 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 46 | 28 | 0.0027 | 0.41 | 0.0519 | 0.114 | 0.0009 | 0.35 | 0.0405 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | lead | mg/kg | 46 | 46 | 100 | 4.48 | 35 | 9.872 | 5.953 | -- | -- | 11.4 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | naphthalene | mg/kg | 40 | 46 | 87 | 0.00032 | 15 | 2.995 | 4.501 | 0.00026 | 0.0003 | 5.38 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 neptune ave | lte10ft | pyrene | mg/kg | 44 | 46 | 96 | 0.0024 | 5.9 | 0.87 | 1.487 | 0.33 | 0.33 | 1.776 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 neptune ave | lte10ft | toluene | µg/kg | 19 | 46 | 41 | 0.13 | 2100 | 117.1 | 480.6 | 0.11 | 13 | 250.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | tph as diesel | mg/kg | 45 | 46 | 98 | 7.6 | 22000 | 5233 | 6122 | 4.8 | 4.8 | 9042 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 neptune ave | lte10ft | tph as gasoline | mg/kg | 28 | 46 | 61 | 0.066 | 2800 | 519.4 | 721 | 0.05 | 0.07 | 484.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte10ft | tph as motor oil | mg/kg | 45 | 46 | 98 | 22 | 21000 | 5741 | 6093 | 7 | 7 | 9528 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 neptune ave | lte10ft | vanadium | mg/kg | 46 | 46 | 100 | 26 | 73.5 | 36.57 | 8.473 | -- | -- | 38.74 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | xylenes, total | µg/kg | 27 | 46 | 59 | 0.16 | 22000 | 1871 | 5039 | 0.16 | 17 | 3652 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 neptune ave | lte10ft | zinc | mg/kg | 46 | 46 | 100 | 28.5 | 109 | 48.22 | 17.52 | -- | -- | 52.68 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 22 | 32 | 0.18 | 8000 | 1290 | 2965 | 0.09 | 11 | 1069 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 21 | 22 | 95 | 0.0026 | 12 | 1.357 | 2.881 | 0.021 | 0.021 | 3.925 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24403 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 21 | 22 | 95 | 0.0078 | 16 | 1.861 | 3.89 | 0.012 | 0.012 | 5.328 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | gt05lte10ft | arsenic | mg/kg | 20 | 20 | 100 | 2.93 | 10.4 | 6.842 | 2.189 | -- | -- | 7.688 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | bap teq | mg/kg | 20 | 22 | 91 | 0.00258 | 1.093 | 0.125 | 0.24 | 1.236 | 1.236 | 0.359 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | benzene | µg/kg | 8 | 22 | 36 | 0.14 | 120 | 36.12 | 46.57 | 0.1 | 12 | 25.56 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 19 | 22 | 86 | 0.0027 | 1.4 | 0.149 | 0.313 | 0.0033 | 1.1 | 0.41 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 19 | 22 | 86 | 0.0018 | 0.79 | 0.0949 | 0.178 | 0.0025 | 1.2 | 0.261 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 19 | 22 | 86 | 0.0019 | 0.44 | 0.0552 | 0.0987 | 0.0018 | 1.1 | 0.147 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 22 | 50 | 0.0024 | 0.036 | 0.0101 | 0.0103 | 0.0011 | 1.3 | 0.0124 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | cadmium | mg/kg | 16 | 20 | 80 | 0.0948 | 0.194 | 0.13 | 0.0366 | 0.0883 | 0.0883 | 0.137 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | gt05lte10ft | chrysene | mg/kg | 20 | 22 | 91 | 0.0074 | 3.3 | 0.413 | 0.725 | 1.1 | 1.1 | 1.051 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | cobalt | mg/kg | 20 | 20 | 100 | 7.37 | 15 | 10.06 | 1.83 | -- | -- | 10.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | copper | mg/kg | 20 | 20 | 100 | 9.24 | 25.5 | 16.92 | 4.123 | -- | -- | 18.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 22 | 55 | 0.0027 | 0.032 | 0.00888 | 0.00871 | 0.0007 | 2 | 0.0105 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 22 | 36 | 0.56 | 3000 | 636.8 | 988.9 | 0.12 | 12 | 481.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 22 | 59 | 0.0042 | 0.05 | 0.0128 | 0.0129 | 0.0009 | 2.3 | 0.0156 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | lead | mg/kg | 20 | 20 | 100 | 5.02 | 21.5 | 10.28 | 3.858 | -- | -- | 11.82 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 20 | 22 | 91 | 0.0016 | 5.4 | 0.933 | 1.561 | 0.00025 | 0.00027 | 2.255 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | pyrene | mg/kg | 21 | 22 | 95 | 0.0076 | 5.3 | 0.524 | 1.141 | 1 | 1 | 1.551 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | toluene | µg/kg | 5 | 22 | 23 | 0.21 | 15 | 3.248 | 6.571 | 0.12 | 29 | 4.486 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 22 | 22 | 100 | 22 | 19000 | 2165 | 4335 | -- | -- | 4396 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 15 | 22 | 68 | 0.075 | 780 | 119.3 | 218.6 | 0.047 | 0.06 | 257.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 22 | 22 | 100 | 55 | 18000 | 2597 | 4274 | -- | -- | 4680 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | vanadium | mg/kg | 20 | 20 | 100 | 25.5 | 48.3 | 36.59 | 5.733 | -- | -- | 38.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 8 | 22 | 36 | 0.21 | 5500 | 724.1 | 1931 | 0.16 | 19 | 711.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | gt05lte10ft | zinc | mg/kg | 20 | 20 | 100 | 28.8 | 62.2 | 47.24 | 9.358 | -- | -- | 50.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 28 | 18 | 0.11 | 0.79 | 0.324 | 0.286 | 0.091 | 0.11 | 0.241 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 16 | 28 | 57 | 0.0012 | 0.012 | 0.00518 | 0.00349 | 0.0011 | 0.021 | 0.00494 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 25 | 28 | 89 | 0.0012 | 0.045 | 0.0109 | 0.00944 | 0.0006 | 0.012 | 0.0131 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | arsenic | mg/kg | 28 | 28 | 100 | 3.65 | 13.9 | 7.524 | 2.066 | -- | -- | 8.189 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte02ft | bap teq | mg/kg | 28 | 28 | 100 | 0.000559 | 0.0677 | 0.0216 | 0.0177 | -- | -- | 0.0293 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | benzene | µg/kg | 10 | 28 | 36 | 0.13 | 0.35 | 0.206 | 0.0849 | 0.1 | 0.13 | 0.178 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 27 | 28 | 96 | 0.0018 | 0.044 | 0.0141 | 0.0101 | 0.0007 | 0.0007 | 0.022 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 27 | 28 | 96 | 0.0013 | 0.053 | 0.0169 | 0.0138 | 0.0005 | 0.0005 | 0.0278 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 26 | 28 | 93 | 0.0009 | 0.029 | 0.00904 | 0.00706 | 0.0004 | 0.007 | 0.0144 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 13 | 28 | 46 | 0.0013 | 0.022 | 0.00534 | 0.00542 | 0.0011 | 0.023 | 0.00482 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | lte02ft | cadmium | mg/kg | 19 | 28 | 68 | 0.0922 | 0.579 | 0.169 | 0.118 | 0.0883 | 0.0883 | 0.184 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte02ft | chromium, hexavalent | mg/kg | 6 | 28 | 21 | 0.26 | 0.44 | 0.322 | 0.0649 | 0.0493 | 0.22 | 0.317 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte02ft | chrysene | mg/kg | 28 | 28 | 100 | 0.0035 | 0.13 | 0.0419 | 0.0319 | -- | -- | 0.0556 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | cobalt | mg/kg | 28 | 28 | 100 | 5.24 | 17.3 | 10.19 | 1.918 | -- | -- | 10.82 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte02ft | copper | mg/kg | 28 | 28 | 100 | 11.7 | 31.3 | 16.68 | 3.642 | -- | -- | 17.79 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 22 | 28 | 79 | 0.0012 | 0.015 | 0.0052 | 0.00427 | 0.0007 | 0.013 | 0.00588 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 25 | 28 | 89 | 0.0009 | 0.024 | 0.00763 | 0.00652 | 0.0009 | 0.017 | 0.00928 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | lead | mg/kg | 28 | 28 | 100 | 6.29 | 43.6 | 13.41 | 7.421 | -- | -- | 15.93 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte02ft | naphthalene | mg/kg | 25 | 28 | 89 | 0.0012 | 0.16 | 0.0215 | 0.0372 | 0.00026 | 0.00028 | 0.0487 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte02ft | pyrene | mg/kg | 28 | 28 | 100 | 0.0018 | 0.057 | 0.0215 | 0.0162 | -- | -- | 0.0288 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | toluene | µg/kg | 10 | 28 | 36 | 0.14 | 1.3 | 0.383 | 0.369 | 0.12 | 0.14 | 0.328 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte02ft | tph as diesel | mg/kg | 28 | 28 | 100 | 7.8 | 360 | 127.9 | 99.31 | -- | -- | 171.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | tph as motor oil | mg/kg | 28 | 28 | 100 | 26 | 1200 | 390.5 | 308.1 | -- | -- | 525 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte02ft | vanadium | mg/kg | 28 | 28 | 100 | 21.9 | 47.3 | 38.28 | 4.837 | -- | -- | 39.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte02ft | zinc | mg/kg | 28 | 28 | 100 | 39.8 | 106 | 53.51 | 14.15 | -- | -- | 58.27 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 42 | 12 | 0.11 | 0.79 | 0.324 | 0.286 | 0.088 | 0.11 | 0.205 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 24 | 42 | 57 | 0.0012 | 0.012 | 0.00493 | 0.00329 | 0.0011 | 0.021 | 0.00442 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 36 | 42 | 86 | 0.0011 | 0.045 | 0.0105 | 0.00886 | 0.0006 | 0.012 | 0.0116 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | arsenic | mg/kg | 42 | 42 | 100 | 3.3 | 13.9 | 6.71 | 2.135 | -- | -- | 7.285 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | bap teq | mg/kg | 42 | 42 | 100 | 0.000537 | 0.242 | 0.0238 | 0.0387 | -- | -- | 0.0327 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | benzene | µg/kg | 11 | 42 | 26 | 0.13 | 0.35 | 0.205 | 0.0807 | 0.1 | 0.13 | 0.163 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 39 | 42 | 93 | 0.0018 | 0.055 | 0.0136 | 0.0119 | 0.0007 | 0.0007 | 0.0207 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 39 | 42 | 93 | 0.0013 | 0.053 | 0.0147 | 0.0136 | 0.0005 | 0.0005 | 0.0228 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 38 | 42 | 90 | 0.0009 | 0.029 | 0.00786 | 0.00697 | 0.0004 | 0.007 | 0.0119 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24403 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 18 | 42 | 43 | 0.0013 | 0.022 | 0.00498 | 0.00472 | 0.0011 | 0.023 | 0.00398 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | cadmium | mg/kg | 25 | 42 | 60 | 0.0922 | 0.579 | 0.156 | 0.105 | 0.0883 | 0.0883 | 0.155 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 42 | 17 | 0.26 | 0.44 | 0.314 | 0.0624 | 0.0489 | 0.22 | 0.29 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte05ft | chrysene | mg/kg | 42 | 42 | 100 | 0.0013 | 0.733 | 0.0586 | 0.116 | -- | -- | 0.0819 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | lte05ft | cobalt | mg/kg | 42 | 42 | 100 | 5.24 | 17.3 | 10.08 | 1.747 | -- | -- | 10.54 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | lte05ft | copper | mg/kg | 42 | 42 | 100 | 10.5 | 31.3 | 15.69 | 3.554 | -- | -- | 16.58 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 27 | 42 | 64 | 0.0011 | 0.015 | 0.005 | 0.00404 | 0.0007 | 0.013 | 0.00472 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 34 | 42 | 81 | 0.0009 | 0.024 | 0.00648 | 0.0061 | 0.0009 | 0.017 | 0.00715 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | lte05ft | lead | mg/kg | 42 | 42 | 100 | 5.51 | 43.6 | 11.73 | 6.545 | -- | -- | 13.52 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte05ft | naphthalene | mg/kg | 37 | 42 | 88 | 0.001 | 0.16 | 0.02 | 0.0342 | 0.00025 | 0.00028 | 0.0398 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte05ft | pyrene | mg/kg | 42 | 42 | 100 | 0.0013 | 1.04 | 0.0493 | 0.161 | -- | -- | 0.157 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte05ft | toluene | µg/kg | 12 | 42 | 29 | 0.14 | 1.3 | 0.35 | 0.343 | 0.11 | 0.14 | 0.264 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte05ft | tph as diesel | mg/kg | 40 | 42 | 95 | 7.8 | 490 | 128 | 116.9 | 4.8 | 4.8 | 201 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | tph as motor oil | mg/kg | 40 | 42 | 95 | 26 | 1200 | 368 | 326.4 | 7 | 7 | 571.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | vanadium | mg/kg | 42 | 42 | 100 | 21.9 | 47.3 | 37.19 | 4.803 | -- | -- | 38.54 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte05ft | zinc | mg/kg | 42 | 42 | 100 | 30.6 | 106 | 49.46 | 13.38 | -- | -- | 52.72 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 64 | 19 | 0.11 | 8000 | 752.7 | 2288 | 0.088 | 11 | 706.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 45 | 64 | 70 | 0.0012 | 12 | 0.636 | 2.059 | 0.0011 | 0.021 | 1.402 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 57 | 64 | 89 | 0.0011 | 16 | 0.692 | 2.493 | 0.0006 | 0.012 | 1.904 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte10ft | arsenic | mg/kg | 62 | 62 | 100 | 2.93 | 13.9 | 6.752 | 2.135 | -- | -- | 7.205 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | bap teq | mg/kg | 62 | 64 | 97 | 0.000537 | 1.093 | 0.0565 | 0.146 | 1.236 | 1.236 | 0.137 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | benzene | µg/kg | 19 | 64 | 30 | 0.13 | 120 | 15.33 | 34.28 | 0.1 | 12 | 15.54 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 58 | 64 | 91 | 0.0018 | 1.4 | 0.0581 | 0.187 | 0.0007 | 1.1 | 0.152 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 58 | 64 | 91 | 0.0013 | 0.79 | 0.041 | 0.108 | 0.0005 | 1.2 | 0.0963 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 57 | 64 | 89 | 0.0009 | 0.44 | 0.0236 | 0.0606 | 0.0004 | 1.1 | 0.0542 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 29 | 64 | 45 | 0.0013 | 0.036 | 0.00693 | 0.00759 | 0.0011 | 1.3 | 0.00575 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | cadmium | mg/kg | 41 | 62 | 66 | 0.0922 | 0.579 | 0.146 | 0.0856 | 0.0883 | 0.0883 | 0.147 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 62 | 11 | 0.26 | 0.44 | 0.314 | 0.0624 | 0.0489 | 0.22 | 0.288 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | chrysene | mg/kg | 62 | 64 | 97 | 0.0013 | 3.3 | 0.173 | 0.448 | 1.1 | 1.1 | 0.413 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | cobalt | mg/kg | 62 | 62 | 100 | 5.24 | 17.3 | 10.07 | 1.759 | -- | -- | 10.45 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | lte10ft | copper | mg/kg | 62 | 62 | 100 | 9.24 | 31.3 | 16.08 | 3.757 | -- | -- | 16.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 39 | 64 | 61 | 0.0011 | 0.032 | 0.0062 | 0.00604 | 0.0007 | 2 | 0.00599 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | ethylbenzene | µg/kg | 8 | 64 | 13 | 0.56 | 3000 | 636.8 | 988.9 | 0.12 | 12 | 166.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24403 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 47 | 64 | 73 | 0.0009 | 0.05 | 0.00822 | 0.00884 | 0.0009 | 2.3 | 0.00873 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | lead | mg/kg | 62 | 62 | 100 | 5.02 | 43.6 | 11.26 | 5.822 | -- | -- | 12.55 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte10ft | naphthalene | mg/kg | 57 | 64 | 89 | 0.001 | 5.4 | 0.34 | 1.01 | 0.00025 | 0.00028 | 0.826 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte10ft | pyrene | mg/kg | 63 | 64 | 98 | 0.0013 | 5.3 | 0.207 | 0.698 | 1 | 1 | 0.584 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | toluene | µg/kg | 17 | 64 | 27 | 0.14 | 15 | 1.202 | 3.567 | 0.11 | 29 | 0.974 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte10ft | tph as diesel | mg/kg | 62 | 64 | 97 | 7.8 | 19000 | 850.8 | 2728 | 4.8 | 4.8 | 2290 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte10ft | tph as gasoline | mg/kg | 18 | 64 | 28 | 0.058 | 780 | 99.39 | 203.6 | 0.046 | 0.072 | 91.94 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24403 ravenna ave | lte10ft | tph as motor oil | mg/kg | 62 | 64 | 97 | 26 | 18000 | 1159 | 2741 | 7 | 7 | 2597 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | vanadium | mg/kg | 62 | 62 | 100 | 21.9 | 48.3 | 37 | 5.082 | -- | -- | 38.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24403 ravenna ave | lte10ft | xylenes, total | µg/kg | 10 | 64 | 16 | 0.21 | 5500 | 579.3 | 1730 | 0.15 | 19 | 240.7 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24403 ravenna ave | lte10ft | zinc | mg/kg | 62 | 62 | 100 | 28.8 | 106 | 48.75 | 12.19 | -- | -- | 51.21 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24405 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 12 | 75 | 0.0009 | 0.014 | 0.00431 | 0.00417 | 0.0006 | 0.012 | 0.00569 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte02ft | antimony | mg/kg | 6 | 12 | 50 | 0.397 | 0.666 | 0.563 | 0.097 | 0.306 | 0.306 | 0.594 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 3.6 | 8.47 | 4.85 | 1.264 | -- | -- | 5.498 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24405 marbella ave | lte02ft | bap teq | mg/kg | 11 | 12 | 92 | 0.00136 | 0.0337 | 0.0112 | 0.0106 | 0.00053 | 0.00053 | 0.0236 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte02ft | benzene | µg/kg | 5 | 12 | 42 | 0.21 | 1.3 | 0.524 | 0.46 | 0.11 | 0.12 | 0.574 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 8 | 12 | 67 | 0.0011 | 0.029 | 0.00773 | 0.00905 | 0.0007 | 0.013 | 0.0109 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 12 | 92 | 0.001 | 0.026 | 0.00845 | 0.00821 | 0.0005 | 0.0005 | 0.0181 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 12 | 83 | 0.0007 | 0.015 | 0.00554 | 0.00467 | 0.0004 | 0.0035 | 0.00718 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte02ft | cadmium | mg/kg | 9 | 12 | 75 | 0.101 | 0.199 | 0.153 | 0.0312 | 0.0883 | 0.0883 | 0.161 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte02ft | chrysene | mg/kg | 11 | 12 | 92 | 0.0014 | 0.12 | 0.0255 | 0.034 | 0.0012 | 0.0012 | 0.0654 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 7.39 | 13.8 | 10.11 | 1.822 | -- | -- | 11.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 12.6 | 21.3 | 16.43 | 3.156 | -- | -- | 18.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 12 | 42 | 0.0011 | 0.0028 | 0.00198 | 0.00075961 | 0.0009 | 0.017 | 0.00233 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 8.3 | 16 | 11.65 | 2.158 | -- | -- | 12.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte02ft | naphthalene | mg/kg | 9 | 12 | 75 | 0.001 | 0.029 | 0.0065 | 0.00949 | 0.0003 | 0.00032 | 0.0159 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24405 marbella ave | lte02ft | pyrene | mg/kg | 11 | 12 | 92 | 0.0019 | 0.043 | 0.0147 | 0.0138 | 0.0008 | 0.0008 | 0.0208 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte02ft | toluene | µg/kg | 7 | 12 | 58 | 0.14 | 4.1 | 0.769 | 1.472 | 0.12 | 0.14 | 1.982 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24405 marbella ave | lte02ft | tph as diesel | mg/kg | 8 | 12 | 67 | 6.8 | 950 | 255.5 | 340.6 | 4.8 | 4.8 | 340.4 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte02ft | tph as motor oil | mg/kg | 7 | 12 | 58 | 51 | 2400 | 696 | 848 | 7 | 7 | 943.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 24.6 | 42.4 | 32.63 | 5.011 | -- | -- | 35.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 34.1 | 75.1 | 46.43 | 10.25 | -- | -- | 51.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 19 | 68 | 0.0007 | 0.014 | 0.00327 | 0.00378 | 0.0006 | 0.012 | 0.00394 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte05ft | antimony | mg/kg | 8 | 19 | 42 | 0.357 | 1.1 | 0.604 | 0.228 | 0.306 | 0.306 | 0.592 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 3.6 | 8.47 | 4.837 | 1.012 | -- | -- | 5.22 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24405 marbella ave | lte05ft | bap teq | mg/kg | 16 | 19 | 84 | 0.00104 | 0.0337 | 0.0107 | 0.0102 | 0.00053 | 0.00053 | 0.0193 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte05ft | benzene | µg/kg | 6 | 19 | 32 | 0.21 | 1.3 | 0.488 | 0.421 | 0.11 | 0.12 | 0.408 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 12 | 19 | 63 | 0.0008 | 0.029 | 0.00895 | 0.00985 | 0.0007 | 0.013 | 0.00962 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 16 | 19 | 84 | 0.0007 | 0.026 | 0.00795 | 0.00781 | 0.0005 | 0.0005 | 0.0145 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 15 | 19 | 79 | 0.0007 | 0.015 | 0.00535 | 0.00464 | 0.0004 | 0.0035 | 0.0062 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 19 | 26 | 0.0012 | 0.0028 | 0.00202 | 0.00065345 | 0.0011 | 0.023 | 0.00235 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte05ft | cadmium | mg/kg | 16 | 19 | 84 | 0.101 | 0.21 | 0.158 | 0.031 | 0.0883 | 0.0883 | 0.164 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte05ft | chrysene | mg/kg | 16 | 19 | 84 | 0.0013 | 0.12 | 0.0252 | 0.0323 | 0.0012 | 0.0012 | 0.0524 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 7.39 | 14.6 | 10.72 | 2.248 | -- | -- | 11.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 10.1 | 21.3 | 16.75 | 3.445 | -- | -- | 18.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 19 | 37 | 0.001 | 0.0041 | 0.00214 | 0.00112 | 0.0009 | 0.017 | 0.00221 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 6.65 | 16 | 10.83 | 2.2 | -- | -- | 11.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte05ft | naphthalene | mg/kg | 13 | 19 | 68 | 0.001 | 0.029 | 0.00515 | 0.00805 | 0.00027 | 0.00032 | 0.00657 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24405 marbella ave | lte05ft | pyrene | mg/kg | 17 | 19 | 89 | 0.0012 | 0.14 | 0.0217 | 0.0344 | 0.0008 | 0.0008 | 0.0527 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte05ft | toluene | µg/kg | 8 | 19 | 42 | 0.14 | 4.1 | 0.714 | 1.371 | 0.12 | 0.14 | 0.801 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24405 marbella ave | lte05ft | tph as diesel | mg/kg | 10 | 19 | 53 | 6.8 | 950 | 240.2 | 309.4 | 4.8 | 4.8 | 253.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte05ft | tph as motor oil | mg/kg | 11 | 19 | 58 | 11 | 2400 | 502.2 | 723.2 | 7 | 7 | 560.9 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 24.6 | 42.4 | 33.99 | 5.212 | -- | -- | 36.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 25.4 | 75.1 | 43.71 | 9.719 | -- | -- | 47.69 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24405 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 17 | 25 | 68 | 0.0007 | 0.014 | 0.00276 | 0.00342 | 0.0006 | 0.012 | 0.00324 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24405 marbella ave | lte10ft | antimony | mg/kg | 10 | 25 | 40 | 0.357 | 1.1 | 0.595 | 0.207 | 0.306 | 0.306 | 0.557 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte10ft | arsenic | mg/kg | 25 | 25 | 100 | 2.24 | 26.9 | 6.44 | 5.274 | -- | -- | 11.04 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24405 marbella ave | lte10ft | bap teq | mg/kg | 21 | 25 | 84 | 0.00078 | 0.0337 | 0.00914 | 0.00972 | 0.00053 | 0.00053 | 0.016 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24405 marbella ave | lte10ft | benzene | µg/kg | 10 | 25 | 40 | 0.11 | 1.3 | 0.345 | 0.364 | 0.11 | 0.12 | 0.293 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24405 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 16 | 25 | 64 | 0.0007 | 0.029 | 0.00729 | 0.00903 | 0.0007 | 0.013 | 0.00782 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24405 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 25 | 84 | 0.0005 | 0.026 | 0.0068 | 0.00743 | 0.0005 | 0.0005 | 0.0121 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24405 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 19 | 25 | 76 | 0.0006 | 0.015 | 0.00478 | 0.00449 | 0.0004 | 0.0035 | 0.00755 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24405 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 25 | 24 | 0.0012 | 0.0028 | 0.00212 | 0.00063061 | 0.0011 | 0.023 | 0.00236 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte10ft | cadmium | mg/kg | 20 | 25 | 80 | 0.101 | 0.21 | 0.151 | 0.032 | 0.0883 | 0.0883 | 0.154 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte10ft | chrysene | mg/kg | 19 | 25 | 76 | 0.0013 | 0.12 | 0.0231 | 0.0304 | 0.0012 | 0.0012 | 0.0424 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24405 marbella ave | lte10ft | cobalt | mg/kg | 25 | 25 | 100 | 7.39 | 16.5 | 11.36 | 2.561 | -- | -- | 12.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte10ft | copper | mg/kg | 25 | 25 | 100 | 10.1 | 43.6 | 19.93 | 8.503 | -- | -- | 22.94 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24405 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 25 | 24 | 0.0008 | 0.0023 | 0.00145 | 0.00058566 | 0.0007 | 0.013 | 0.00155 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 25 | 32 | 0.001 | 0.0041 | 0.00216 | 0.00104 | 0.0009 | 0.017 | 0.00204 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte10ft | lead | mg/kg | 25 | 25 | 100 | 6.65 | 16 | 11.14 | 2.375 | -- | -- | 11.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte10ft | naphthalene | mg/kg | 16 | 25 | 64 | 0.001 | 0.029 | 0.00443 | 0.00737 | 0.00026 | 0.00032 | 0.0055 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24405 marbella ave | lte10ft | pyrene | mg/kg | 23 | 25 | 92 | 0.0009 | 0.14 | 0.0179 | 0.0307 | 0.0008 | 0.0008 | 0.0426 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24405 marbella ave | lte10ft | toluene | µg/kg | 10 | 25 | 40 | 0.14 | 4.1 | 0.607 | 1.23 | 0.12 | 0.14 | 0.691 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24405 marbella ave | lte10ft | tph as diesel | mg/kg | 10 | 25 | 40 | 6.8 | 950 | 240.2 | 309.4 | 4.8 | 4.8 | 178.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte10ft | tph as motor oil | mg/kg | 11 | 25 | 44 | 11 | 2400 | 502.2 | 723.2 | 7 | 7 | 413.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24405 marbella ave | lte10ft | vanadium | mg/kg | 25 | 25 | 100 | 21.4 | 55.6 | 36.03 | 7.908 | -- | -- | 38.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24405 marbella ave | lte10ft | zinc | mg/kg | 25 | 25 | 100 | 25.4 | 75.1 | 45.58 | 10.73 | -- | -- | 49.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 2.91 | 12.5 | 6.029 | 3.276 | -- | -- | 8.059 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 6.29 | 10.8 | 8.329 | 1.453 | -- | -- | 9.229 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 14 | 21.7 | 17.19 | 2.886 | -- | -- | 18.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 1.91 | 7.23 | 3.903 | 1.651 | -- | -- | 4.926 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | gt05lte10ft | pyrene | mg/kg | 8 | 9 | 89 | 0.0008 | 0.63 | 0.108 | 0.223 | 0.0008 | 0.0008 | 0.406 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 5 | 9 | 56 | 21 | 14000 | 4003 | 6070 | 7 | 7 | 5355 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 26.8 | 46.3 | 33.82 | 6.7 | -- | -- | 37.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 31.4 | 55.3 | 39.23 | 8.641 | -- | -- | 44.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24406 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 19 | 58 | 0.0006 | 0.027 | 0.00718 | 0.00799 | 0.0006 | 0.012 | 0.00807 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 4.03 | 9.2 | 5.86 | 1.595 | -- | -- | 6.51 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte02ft | bap teq | mg/kg | 13 | 19 | 68 | 0.00115 | 0.0702 | 0.018 | 0.0193 | 0.00053 | 0.00208 | 0.0213 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte02ft | benzene | µg/kg | 15 | 19 | 79 | 0.12 | 0.59 | 0.258 | 0.119 | 0.11 | 0.14 | 0.279 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 8 | 19 | 42 | 0.002 | 0.068 | 0.0224 | 0.0204 | 0.0007 | 0.013 | 0.0174 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 19 | 53 | 0.0009 | 0.054 | 0.0168 | 0.0156 | 0.0005 | 0.0039 | 0.0154 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 5 | 19 | 26 | 0.002 | 0.037 | 0.0156 | 0.0132 | 0.0004 | 0.007 | 0.0148 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte02ft | cadmium | mg/kg | 14 | 19 | 74 | 0.0611 | 0.699 | 0.261 | 0.187 | 0.0346 | 0.0883 | 0.287 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte02ft | chrysene | mg/kg | 13 | 19 | 68 | 0.0032 | 0.16 | 0.0388 | 0.044 | 0.0012 | 0.0047 | 0.044 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 7.68 | 15 | 10.79 | 1.807 | -- | -- | 11.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 10.8 | 31.4 | 20.45 | 5.363 | -- | -- | 22.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 19 | 32 | 0.0015 | 0.024 | 0.00968 | 0.00778 | 0.0009 | 0.017 | 0.00941 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 3.79 | 30.8 | 10.48 | 7.776 | -- | -- | 14.34 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24406 marbella ave | lte02ft | naphthalene | mg/kg | 7 | 19 | 37 | 0.00031 | 0.031 | 0.00695 | 0.0111 | 0.00025 | 0.00035 | 0.00576 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte02ft | pyrene | mg/kg | 16 | 19 | 84 | 0.0012 | 0.2 | 0.0333 | 0.0496 | 0.0008 | 0.0033 | 0.0754 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte02ft | toluene | µg/kg | 14 | 19 | 74 | 0.12 | 0.83 | 0.394 | 0.236 | 0.13 | 0.14 | 0.421 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte02ft | tph as diesel | mg/kg | 16 | 19 | 84 | 7.1 | 10000 | 702.3 | 2481 | 4.8 | 4.8 | 2884 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte02ft | tph as motor oil | mg/kg | 17 | 19 | 89 | 8.8 | 11000 | 838.1 | 2626 | 7 | 7 | 3249 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 marbella ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 26.8 | 43 | 35.51 | 4.421 | -- | -- | 37.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte02ft | xylenes, total | µg/kg | 9 | 19 | 47 | 0.18 | 0.66 | 0.354 | 0.177 | 0.15 | 0.21 | 0.334 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 29.3 | 107 | 54.92 | 21.9 | -- | -- | 63.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 31 | 23 | 0.18 | 24000 | 3521 | 9033 | 0.088 | 9.4 | 2191 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 31 | 16 | 0.0011 | 17 | 6.202 | 8.554 | 0.0011 | 0.043 | 2.305 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 31 | 52 | 0.0006 | 39 | 3.756 | 10.76 | 0.0006 | 0.012 | 8.178 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte05ft | arsenic | mg/kg | 31 | 31 | 100 | 3.29 | 12.7 | 6.352 | 1.967 | -- | -- | 6.967 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte05ft | bap teq | mg/kg | 17 | 31 | 55 | 0.00115 | 0.415 | 0.0439 | 0.0975 | 0.00053 | 0.00208 | 0.0518 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 marbella ave | lte05ft | benzene | µg/kg | 22 | 31 | 71 | 0.12 | 6500 | 345.7 | 1394 | 0.11 | 11 | 1174 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 12 | 31 | 39 | 0.002 | 0.45 | 0.0857 | 0.132 | 0.0007 | 0.013 | 0.0627 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 10 | 31 | 32 | 0.0009 | 0.054 | 0.0168 | 0.0156 | 0.0005 | 0.39 | 0.0128 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 5 | 31 | 16 | 0.002 | 0.037 | 0.0156 | 0.0132 | 0.0004 | 0.28 | 0.0133 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte05ft | cadmium | mg/kg | 18 | 31 | 58 | 0.0611 | 0.699 | 0.231 | 0.174 | 0.0346 | 0.0883 | 0.209 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte05ft | chrysene | mg/kg | 17 | 31 | 55 | 0.0032 | 0.83 | 0.161 | 0.267 | 0.0012 | 0.0047 | 0.157 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte05ft | cobalt | mg/kg | 31 | 31 | 100 | 7.68 | 15 | 10.93 | 1.789 | -- | -- | 11.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte05ft | copper | mg/kg | 31 | 31 | 100 | 10.8 | 31.4 | 20.33 | 4.736 | -- | -- | 21.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 31 | 23 | 0.0015 | 0.024 | 0.0092 | 0.00722 | 0.0009 | 0.69 | 0.00785 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte05ft | lead | mg/kg | 31 | 31 | 100 | 3.28 | 30.8 | 8.568 | 6.564 | -- | -- | 13.71 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte05ft | naphthalene | mg/kg | 12 | 31 | 39 | 0.00031 | 14 | 1.877 | 4.499 | 0.00025 | 0.0046 | 3.042 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte05ft | pyrene | mg/kg | 23 | 31 | 74 | 0.0012 | 1.6 | 0.169 | 0.384 | 0.0008 | 0.0033 | 0.392 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 marbella ave | lte05ft | toluene | µg/kg | 17 | 31 | 55 | 0.12 | 32000 | 1883 | 7761 | 0.12 | 62 | 5595 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte05ft | tph as diesel | mg/kg | 23 | 31 | 74 | 7.1 | 14000 | 1877 | 3981 | 4.8 | 4.8 | 4158 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte05ft | tph as gasoline | mg/kg | 8 | 31 | 26 | 0.071 | 3300 | 491.6 | 1156 | 0.048 | 0.074 | 620.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte05ft | tph as motor oil | mg/kg | 24 | 31 | 77 | 8.8 | 14000 | 1788 | 3731 | 7 | 7 | 4025 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 marbella ave | lte05ft | vanadium | mg/kg | 31 | 31 | 100 | 26.8 | 45.3 | 36.67 | 5.082 | -- | -- | 38.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte05ft | xylenes, total | µg/kg | 12 | 31 | 39 | 0.18 | 60000 | 5028 | 17312 | 0.15 | 16 | 10613 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte05ft | zinc | mg/kg | 31 | 31 | 100 | 29.3 | 107 | 49.64 | 18.46 | -- | -- | 55.43 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24406 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 40 | 23 | 0.18 | 24000 | 4939 | 9247 | 0.088 | 9.4 | 2417 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 40 | 13 | 0.2 | 6800 | 3840 | 2920 | 0.074 | 7.9 | 4940 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 40 | 18 | 0.0011 | 18 | 8.287 | 8.259 | 0.0011 | 0.043 | 4.079 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 18 | 40 | 45 | 0.0006 | 39 | 5.616 | 11.68 | 0.0006 | 0.012 | 8.28 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 2.91 | 12.7 | 6.279 | 2.28 | -- | -- | 6.908 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte10ft | bap teq | mg/kg | 19 | 40 | 48 | 0.00115 | 0.415 | 0.06 | 0.122 | 0.00053 | 0.00525 | 0.0529 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 marbella ave | lte10ft | benzene | µg/kg | 24 | 40 | 60 | 0.12 | 11000 | 811.5 | 2549 | 0.11 | 11 | 1876 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 12 | 40 | 30 | 0.002 | 0.45 | 0.0857 | 0.132 | 0.0007 | 0.44 | 0.0497 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 10 | 40 | 25 | 0.0009 | 0.054 | 0.0168 | 0.0156 | 0.0005 | 0.39 | 0.0116 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 40 | 13 | 0.002 | 0.037 | 0.0156 | 0.0132 | 0.0004 | 0.28 | 0.014 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte10ft | cadmium | mg/kg | 18 | 40 | 45 | 0.0611 | 0.699 | 0.231 | 0.174 | 0.0334 | 0.0883 | 0.177 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte10ft | chrysene | mg/kg | 19 | 40 | 48 | 0.0032 | 0.83 | 0.17 | 0.263 | 0.0012 | 0.006 | 0.136 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 marbella ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 6.29 | 15 | 10.34 | 2.025 | -- | -- | 10.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 10.8 | 31.4 | 19.62 | 4.552 | -- | -- | 20.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24406 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 40 | 18 | 0.0015 | 0.024 | 0.0092 | 0.00722 | 0.0009 | 0.69 | 0.00757 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 1.91 | 30.8 | 7.519 | 6.132 | -- | -- | 11.74 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte10ft | naphthalene | mg/kg | 14 | 40 | 35 | 0.00031 | 14 | 3.209 | 5.458 | 0.00025 | 0.0046 | 3.603 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte10ft | pyrene | mg/kg | 31 | 40 | 78 | 0.0008 | 1.6 | 0.153 | 0.347 | 0.0008 | 0.0033 | 0.335 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte10ft | toluene | µg/kg | 19 | 40 | 48 | 0.12 | 32000 | 2258 | 7519 | 0.12 | 62 | 4733 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte10ft | tph as diesel | mg/kg | 27 | 40 | 68 | 7.1 | 15000 | 2412 | 4538 | 4.8 | 4.8 | 4319 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte10ft | tph as gasoline | mg/kg | 11 | 40 | 28 | 0.071 | 3300 | 776.2 | 1285 | 0.048 | 0.074 | 741.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte10ft | tph as motor oil | mg/kg | 29 | 40 | 73 | 8.8 | 14000 | 2170 | 4174 | 7 | 7 | 4117 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 26.8 | 46.3 | 36.03 | 5.525 | -- | -- | 37.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 marbella ave | lte10ft | xylenes, total | µg/kg | 14 | 40 | 35 | 0.18 | 60000 | 6438 | 16999 | 0.15 | 17 | 9524 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 marbella ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 29.3 | 107 | 47.3 | 17.23 | -- | -- | 52.02 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 9 | 56 | 16 | 5200 | 1677 | 2316 | 0.51 | 0.59 | 2195 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 9 | 9 | 100 | 0.065 | 5.2 | 1.859 | 2.027 | -- | -- | 4.776 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 9 | 100 | 0.071 | 7.8 | 2.592 | 3.009 | -- | -- | 6.851 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 2 | 10.4 | 7.632 | 2.689 | -- | -- | 9.299 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | bap teq | mg/kg | 9 | 9 | 100 | 0.0032 | 0.342 | 0.0519 | 0.109 | -- | -- | 0.211 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | benzene | µg/kg | 6 | 9 | 67 | 0.15 | 130 | 21.98 | 52.92 | 0.12 | 13 | 79.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 9 | 100 | 0.0055 | 0.27 | 0.057 | 0.0874 | -- | -- | 0.145 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | cadmium | mg/kg | 7 | 9 | 78 | 0.274 | 0.754 | 0.617 | 0.17 | 0.0883 | 0.0883 | 0.705 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | gt05lte10ft | chrysene | mg/kg | 9 | 9 | 100 | 0.024 | 1.7 | 0.286 | 0.545 | -- | -- | 0.832 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 8.38 | 14.1 | 11.37 | 1.984 | -- | -- | 12.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.92 | 25.4 | 17.31 | 5.529 | -- | -- | 20.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 9 | 78 | 3.4 | 2100 | 368.3 | 767.2 | 0.15 | 0.15 | 1299 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 6.09 | 62.7 | 13.6 | 18.46 | -- | -- | 40.41 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | gt05lte10ft | naphthalene | mg/kg | 9 | 9 | 100 | 0.029 | 3.1 | 1.434 | 1.243 | -- | -- | 2.205 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | pyrene | mg/kg | 9 | 9 | 100 | 0.021 | 3 | 0.58 | 1.013 | -- | -- | 2.574 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 9 | 100 | 70 | 30000 | 4822 | 9517 | -- | -- | 20202 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 9 | 89 | 0.15 | 460 | 111.6 | 172.1 | 0.42 | 0.42 | 341.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 9 | 100 | 86 | 71000 | 9566 | 23076 | -- | -- | 43095 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 23.6 | 46.8 | 38.52 | 7.102 | -- | -- | 42.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 9 | 67 | 0.67 | 2100 | 358.1 | 853.4 | 0.48 | 16 | 1286 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 27.8 | 67.2 | 45.43 | 11.78 | -- | -- | 52.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 12 | 58 | 0.0016 | 0.014 | 0.0068 | 0.00585 | 0.001 | 0.0054 | 0.00733 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.0022 | 0.03 | 0.0104 | 0.0103 | 0.003 | 0.003 | 0.0144 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 neptune ave | lte02ft | antimony | mg/kg | 5 | 12 | 42 | 0.79 | 1.7 | 1.252 | 0.364 | 0.149 | 0.149 | 1.418 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 3.18 | 6.7 | 4.893 | 1.081 | -- | -- | 5.453 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00152 | 0.0185 | 0.00965 | 0.00502 | -- | -- | 0.0123 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | benzene | µg/kg | 5 | 12 | 42 | 0.11 | 0.31 | 0.178 | 0.0887 | 0.1 | 0.12 | 0.181 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.00084 | 0.018 | 0.00895 | 0.00534 | -- | -- | 0.0117 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 12 | 92 | 0.00098 | 0.015 | 0.00765 | 0.00394 | 0.00051 | 0.00051 | 0.0093 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 12 | 83 | 0.0014 | 0.0064 | 0.00399 | 0.0016 | 0.00051 | 0.00051 | 0.00453 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 12 | 50 | 0.00092 | 0.007 | 0.0025 | 0.00236 | 0.0007 | 0.0056 | 0.00282 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte02ft | cadmium | mg/kg | 8 | 12 | 67 | 0.425 | 0.613 | 0.487 | 0.0597 | 0.0883 | 0.0883 | 0.499 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0028 | 0.061 | 0.0227 | 0.0161 | -- | -- | 0.031 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 7.26 | 10.1 | 8.628 | 0.868 | -- | -- | 9.078 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 9.22 | 19.3 | 13.12 | 3.16 | -- | -- | 14.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 12 | 50 | 0.0012 | 0.0033 | 0.00248 | 0.00073052 | 0.00052 | 0.0034 | 0.00281 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 12 | 75 | 0.0011 | 0.0063 | 0.00353 | 0.0017 | 0.0043 | 0.0043 | 0.00421 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.35 | 53.9 | 11.86 | 13.44 | -- | -- | 28.77 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | lte02ft | naphthalene | mg/kg | 9 | 12 | 75 | 0.00078 | 0.019 | 0.00695 | 0.00705 | 0.00025 | 0.00065 | 0.0139 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0034 | 0.38 | 0.0487 | 0.106 | -- | -- | 0.182 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 7.3 | 520 | 148.8 | 170.6 | -- | -- | 299.2 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 22 | 1100 | 393.4 | 361.6 | -- | -- | 729.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 24.8 | 37.2 | 30.58 | 3.508 | -- | -- | 32.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 26.6 | 99.3 | 42.68 | 18.74 | -- | -- | 53.14 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 19 | 53 | 0.0016 | 0.14 | 0.0202 | 0.0424 | 0.001 | 0.0054 | 0.0437 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 19 | 84 | 0.0022 | 0.032 | 0.0123 | 0.011 | 0.003 | 0.003 | 0.0146 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte05ft | antimony | mg/kg | 7 | 19 | 37 | 0.79 | 1.7 | 1.207 | 0.338 | 0.149 | 0.149 | 1.14 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 3.18 | 8.92 | 5.093 | 1.28 | -- | -- | 5.616 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24406 neptune ave | lte05ft | bap teq | mg/kg | 19 | 19 | 100 | 0.00134 | 0.0603 | 0.0151 | 0.0156 | -- | -- | 0.0225 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte05ft | benzene | µg/kg | 6 | 19 | 32 | 0.11 | 0.31 | 0.168 | 0.0828 | 0.098 | 0.12 | 0.153 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 19 | 100 | 0.00084 | 0.067 | 0.0156 | 0.0172 | -- | -- | 0.0236 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 19 | 89 | 0.00098 | 0.042 | 0.0119 | 0.0111 | 0.00051 | 0.00051 | 0.0157 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 19 | 84 | 0.0014 | 0.024 | 0.00656 | 0.00613 | 0.00051 | 0.00051 | 0.00847 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 19 | 53 | 0.00092 | 0.0093 | 0.00394 | 0.00297 | 0.0007 | 0.0056 | 0.00368 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte05ft | cadmium | mg/kg | 13 | 19 | 68 | 0.417 | 0.613 | 0.483 | 0.0605 | 0.0883 | 0.0883 | 0.487 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte05ft | chrysene | mg/kg | 19 | 19 | 100 | 0.0028 | 0.27 | 0.0528 | 0.0743 | -- | -- | 0.127 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 7.26 | 10.7 | 8.92 | 0.879 | -- | -- | 9.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 9.22 | 19.3 | 12.9 | 2.696 | -- | -- | 13.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 19 | 63 | 0.00072 | 0.013 | 0.0042 | 0.00392 | 0.00052 | 0.0034 | 0.00465 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 19 | 74 | 0.00096 | 0.012 | 0.0044 | 0.00342 | 0.0043 | 0.0043 | 0.00505 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 4.35 | 53.9 | 10 | 10.81 | -- | -- | 20.81 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | lte05ft | naphthalene | mg/kg | 13 | 19 | 68 | 0.00078 | 0.021 | 0.0086 | 0.00761 | 0.00025 | 0.00069 | 0.00897 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte05ft | pyrene | mg/kg | 19 | 19 | 100 | 0.0034 | 0.38 | 0.0639 | 0.102 | -- | -- | 0.166 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte05ft | tph as diesel | mg/kg | 19 | 19 | 100 | 7.3 | 520 | 186.4 | 180.4 | -- | -- | 304.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte05ft | tph as motor oil | mg/kg | 19 | 19 | 100 | 22 | 1200 | 441.9 | 383 | -- | -- | 685.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 24.8 | 41.9 | 32.67 | 4.442 | -- | -- | 34.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 26.6 | 99.3 | 40.85 | 14.98 | -- | -- | 47.29 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 28 | 18 | 16 | 5200 | 1677 | 2316 | 0.088 | 0.66 | 941.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 19 | 28 | 68 | 0.0016 | 5.2 | 0.891 | 1.648 | 0.001 | 0.0054 | 1.778 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 28 | 89 | 0.0022 | 7.8 | 0.941 | 2.149 | 0.003 | 0.003 | 2.531 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | lte10ft | antimony | mg/kg | 9 | 28 | 32 | 0.638 | 1.7 | 1.144 | 0.349 | 0.149 | 0.149 | 1.02 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 2 | 10.4 | 5.909 | 2.167 | -- | -- | 6.606 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte10ft | bap teq | mg/kg | 28 | 28 | 100 | 0.00134 | 0.342 | 0.0269 | 0.0633 | -- | -- | 0.0404 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | benzene | µg/kg | 12 | 28 | 43 | 0.11 | 130 | 11.07 | 37.45 | 0.098 | 13 | 25.54 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 28 | 100 | 0.00084 | 0.27 | 0.0289 | 0.0534 | -- | -- | 0.0498 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 28 | 75 | 0.00098 | 0.26 | 0.0238 | 0.0551 | 0.00051 | 0.025 | 0.0587 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 19 | 28 | 68 | 0.0014 | 0.15 | 0.0139 | 0.0334 | 0.00051 | 0.018 | 0.0334 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 28 | 39 | 0.00092 | 0.038 | 0.00704 | 0.0106 | 0.0007 | 0.056 | 0.00616 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte10ft | cadmium | mg/kg | 20 | 28 | 71 | 0.274 | 0.754 | 0.53 | 0.125 | 0.0883 | 0.0883 | 0.531 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte10ft | chrysene | mg/kg | 28 | 28 | 100 | 0.0028 | 1.7 | 0.128 | 0.322 | -- | -- | 0.218 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 7.26 | 14.1 | 9.709 | 1.745 | -- | -- | 10.27 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 neptune ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 7.92 | 25.4 | 14.32 | 4.279 | -- | -- | 15.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 28 | 50 | 0.00072 | 0.042 | 0.00671 | 0.0108 | 0.00052 | 0.034 | 0.00783 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | ethylbenzene | µg/kg | 8 | 28 | 29 | 0.18 | 2100 | 322.3 | 722.1 | 0.12 | 0.17 | 226.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 28 | 57 | 0.00096 | 0.053 | 0.00728 | 0.0126 | 0.0027 | 0.043 | 0.0134 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | lead | mg/kg | 28 | 28 | 100 | 4.35 | 62.7 | 11.16 | 13.48 | -- | -- | 22.26 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | lte10ft | naphthalene | mg/kg | 22 | 28 | 79 | 0.00078 | 3.1 | 0.592 | 1.05 | 0.00025 | 0.00069 | 1.259 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 neptune ave | lte10ft | pyrene | mg/kg | 28 | 28 | 100 | 0.0034 | 3 | 0.23 | 0.609 | -- | -- | 0.732 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | tph as diesel | mg/kg | 28 | 28 | 100 | 7.3 | 30000 | 1676 | 5632 | -- | -- | 6316 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | tph as gasoline | mg/kg | 12 | 28 | 43 | 0.045 | 460 | 74.5 | 147.8 | 0.039 | 0.42 | 117.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | tph as motor oil | mg/kg | 28 | 28 | 100 | 22 | 71000 | 3375 | 13293 | -- | -- | 14325 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 23.6 | 46.8 | 34.55 | 5.988 | -- | -- | 36.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 neptune ave | lte10ft | xylenes, total | µg/kg | 6 | 28 | 21 | 0.67 | 2100 | 358.1 | 853.4 | 0.15 | 16 | 428.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 neptune ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 26.6 | 99.3 | 42.33 | 13.98 | -- | -- | 47.06 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 10 | 90 | 0.0037 | 0.08 | 0.0403 | 0.0213 | 0.012 | 0.012 | 0.0502 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | arsenic | mg/kg | 10 | 10 | 100 | 2.79 | 5.61 | 4.167 | 1.036 | -- | -- | 4.768 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | bap teq | mg/kg | 10 | 10 | 100 | 0.0102 | 0.329 | 0.118 | 0.0817 | -- | -- | 0.23 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 panama ave | lte02ft | benzene | µg/kg | 6 | 10 | 60 | 0.14 | 0.3 | 0.218 | 0.0553 | 0.11 | 0.15 | 0.237 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.0095 | 0.16 | 0.0863 | 0.0389 | -- | -- | 0.109 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 10 | 100 | 0.0075 | 0.25 | 0.0869 | 0.0623 | -- | -- | 0.173 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 10 | 100 | 0.0038 | 0.15 | 0.0556 | 0.038 | -- | -- | 0.0913 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 panama ave | lte02ft | chrysene | mg/kg | 10 | 10 | 100 | 0.027 | 0.43 | 0.245 | 0.113 | -- | -- | 0.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | cobalt | mg/kg | 10 | 10 | 100 | 6.58 | 11.9 | 9.883 | 1.491 | -- | -- | 10.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | copper | mg/kg | 10 | 10 | 100 | 9.49 | 27.3 | 20.18 | 6.055 | -- | -- | 23.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 10 | 60 | 0.023 | 0.06 | 0.0345 | 0.0137 | 0.0034 | 0.027 | 0.037 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 10 | 70 | 0.034 | 0.15 | 0.0546 | 0.0423 | 0.0043 | 0.017 | 0.0715 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 panama ave | lte02ft | lead | mg/kg | 10 | 10 | 100 | 6.97 | 58.7 | 24.7 | 16.47 | -- | -- | 34.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24406 panama ave | lte02ft | pyrene | mg/kg | 10 | 10 | 100 | 0.011 | 0.58 | 0.214 | 0.18 | -- | -- | 0.318 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | toluene | µg/kg | 6 | 10 | 60 | 0.13 | 0.46 | 0.242 | 0.121 | 0.12 | 0.17 | 0.274 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | tph as diesel | mg/kg | 10 | 10 | 100 | 120 | 1200 | 389 | 337.8 | -- | -- | 633.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte02ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 340 | 4100 | 1394 | 1201 | -- | -- | 2342 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte02ft | vanadium | mg/kg | 10 | 10 | 100 | 26.2 | 40.1 | 32.99 | 3.884 | -- | -- | 35.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte02ft | zinc | mg/kg | 10 | 10 | 100 | 33.8 | 100 | 66.48 | 24.81 | -- | -- | 80.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 17 | 71 | 0.0037 | 0.76 | 0.0966 | 0.21 | 0.0006 | 0.012 | 0.261 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 panama ave | lte05ft | arsenic | mg/kg | 17 | 17 | 100 | 0.768 | 5.61 | 3.902 | 1.295 | -- | -- | 4.451 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte05ft | bap teq | mg/kg | 16 | 17 | 94 | 0.00088 | 0.821 | 0.13 | 0.201 | 0.00053 | 0.00053 | 0.331 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte05ft | benzene | µg/kg | 10 | 17 | 59 | 0.14 | 0.3 | 0.2 | 0.0523 | 0.11 | 0.15 | 0.199 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 17 | 88 | 0.0095 | 0.53 | 0.0988 | 0.127 | 0.0007 | 0.0007 | 0.218 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 16 | 17 | 94 | 0.0006 | 0.74 | 0.104 | 0.18 | 0.0005 | 0.0005 | 0.284 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 12 | 17 | 71 | 0.0038 | 0.15 | 0.0482 | 0.0384 | 0.0004 | 0.007 | 0.0523 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 17 | 29 | 0.069 | 0.24 | 0.174 | 0.0669 | 0.22 | 0.22 | 0.214 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte05ft | chrysene | mg/kg | 15 | 17 | 88 | 0.011 | 1.3 | 0.266 | 0.312 | 0.0012 | 0.0012 | 0.558 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte05ft | cobalt | mg/kg | 17 | 17 | 100 | 6.58 | 15.8 | 10.81 | 2.275 | -- | -- | 11.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte05ft | copper | mg/kg | 17 | 17 | 100 | 9.49 | 27.3 | 19.54 | 5.339 | -- | -- | 21.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 17 | 35 | 0.023 | 0.06 | 0.0345 | 0.0137 | 0.0007 | 0.027 | 0.0332 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 17 | 47 | 0.034 | 0.15 | 0.0615 | 0.0438 | 0.0009 | 0.017 | 0.0611 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 panama ave | lte05ft | lead | mg/kg | 17 | 17 | 100 | 5.94 | 58.7 | 20.33 | 16.91 | -- | -- | 31.65 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24406 panama ave | lte05ft | naphthalene | mg/kg | 5 | 17 | 29 | 0.0028 | 0.21 | 0.0658 | 0.0842 | 0.00026 | 0.00036 | 0.0575 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte05ft | pyrene | mg/kg | 16 | 17 | 94 | 0.0009 | 2.3 | 0.287 | 0.561 | 0.0008 | 0.0008 | 0.851 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte05ft | toluene | µg/kg | 9 | 17 | 53 | 0.13 | 0.46 | 0.221 | 0.101 | 0.12 | 0.17 | 0.216 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte05ft | tph as diesel | mg/kg | 13 | 17 | 76 | 39 | 9500 | 1036 | 2563 | 4.8 | 4.8 | 3216 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 panama ave | lte05ft | tph as motor oil | mg/kg | 13 | 17 | 76 | 99 | 18000 | 2475 | 4803 | 7 | 7 | 6492 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte05ft | vanadium | mg/kg | 17 | 17 | 100 | 26.1 | 46.8 | 35.28 | 5.577 | -- | -- | 37.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte05ft | zinc | mg/kg | 17 | 17 | 100 | 33.7 | 125 | 62.19 | 27.25 | -- | -- | 75.63 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24406 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 13 | 23 | 57 | 0.0013 | 0.76 | 0.0892 | 0.203 | 0.0006 | 0.012 | 0.196 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 panama ave | lte10ft | arsenic | mg/kg | 23 | 23 | 100 | 0.768 | 5.78 | 3.9 | 1.229 | -- | -- | 4.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte10ft | bap teq | mg/kg | 20 | 23 | 87 | 0.000541 | 0.821 | 0.104 | 0.186 | 0.00053 | 0.00208 | 0.252 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte10ft | benzene | µg/kg | 10 | 23 | 43 | 0.14 | 0.3 | 0.2 | 0.0523 | 0.1 | 0.15 | 0.189 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 18 | 23 | 78 | 0.0008 | 0.53 | 0.083 | 0.121 | 0.0007 | 0.0026 | 0.167 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 18 | 23 | 78 | 0.0006 | 0.74 | 0.0927 | 0.172 | 0.0005 | 0.002 | 0.216 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 14 | 23 | 61 | 0.0007 | 0.15 | 0.0414 | 0.0394 | 0.0004 | 0.007 | 0.0395 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 panama ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 23 | 26 | 0.062 | 0.24 | 0.155 | 0.0753 | 0.038 | 0.22 | 0.189 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte10ft | chrysene | mg/kg | 18 | 23 | 78 | 0.0017 | 1.3 | 0.223 | 0.3 | 0.0012 | 0.0047 | 0.431 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte10ft | cobalt | mg/kg | 23 | 23 | 100 | 4.93 | 15.8 | 9.741 | 2.729 | -- | -- | 10.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte10ft | copper | mg/kg | 23 | 23 | 100 | 9.36 | 27.3 | 17.98 | 5.486 | -- | -- | 19.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 23 | 26 | 0.023 | 0.06 | 0.0345 | 0.0137 | 0.0007 | 0.027 | 0.0322 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 23 | 39 | 0.001 | 0.15 | 0.0548 | 0.0456 | 0.0009 | 0.017 | 0.0538 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 panama ave | lte10ft | lead | mg/kg | 23 | 23 | 100 | 2.52 | 58.7 | 15.94 | 16.29 | -- | -- | 22.71 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 panama ave | lte10ft | naphthalene | mg/kg | 6 | 23 | 26 | 0.00047 | 0.21 | 0.0549 | 0.0799 | 0.00025 | 0.00036 | 0.032 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte10ft | pyrene | mg/kg | 21 | 23 | 91 | 0.0009 | 2.3 | 0.22 | 0.502 | 0.0008 | 0.0033 | 0.64 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte10ft | toluene | µg/kg | 9 | 23 | 39 | 0.13 | 0.46 | 0.221 | 0.101 | 0.11 | 0.17 | 0.194 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte10ft | tph as diesel | mg/kg | 15 | 23 | 65 | 6.8 | 9500 | 899.4 | 2400 | 4.8 | 4.8 | 2396 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 panama ave | lte10ft | tph as motor oil | mg/kg | 15 | 23 | 65 | 17 | 18000 | 2149 | 4529 | 7 | 7 | 2953 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 panama ave | lte10ft | vanadium | mg/kg | 23 | 23 | 100 | 20.7 | 46.8 | 33.41 | 6.114 | -- | -- | 35.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 panama ave | lte10ft | zinc | mg/kg | 23 | 23 | 100 | 23.5 | 125 | 54.88 | 26.64 | -- | -- | 65.3 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.0037 | 2.9 | 0.5 | 1.176 | 0.0021 | 0.0043 | 1.987 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0032 | 3.9 | 0.513 | 1.369 | -- | -- | 3.9 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24406 ravenna ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 3.7 | 10 | 5.906 | 2.036 | -- | -- | 7.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.0348 | 0.0921 | 0.058 | 0.0204 | -- | -- | 0.0717 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.032 | 0.15 | 0.077 | 0.0461 | -- | -- | 0.108 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.026 | 0.066 | 0.0446 | 0.0165 | 0.02 | 0.02 | 0.0535 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 8 | 100 | 0.011 | 0.058 | 0.0304 | 0.0174 | -- | -- | 0.042 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 8 | 88 | 0.0037 | 0.022 | 0.0103 | 0.00662 | 0.029 | 0.029 | 0.0151 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.085 | 0.6 | 0.252 | 0.156 | -- | -- | 0.356 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 8.71 | 11.1 | 9.623 | 0.786 | -- | -- | 10.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 10 | 23 | 15.84 | 4.118 | -- | -- | 18.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24406 ravenna ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 8 | 63 | 0.0034 | 0.016 | 0.0089 | 0.00553 | 0.0007 | 0.018 | 0.0116 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 8 | 88 | 0.0049 | 0.016 | 0.0093 | 0.00389 | 0.017 | 0.017 | 0.0121 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 5.8 | 26 | 10.78 | 7.08 | -- | -- | 16.5 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 8 | 9 | 89 | 0.00047 | 1.1 | 0.225 | 0.413 | 0.00027 | 0.00027 | 0.776 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.11 | 0.77 | 0.308 | 0.234 | -- | -- | 0.464 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 120 | 5300 | 1276 | 1748 | -- | -- | 3398 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 9 | 78 | 0.086 | 16 | 2.987 | 5.787 | 0.047 | 0.06 | 9.995 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 210 | 7300 | 1904 | 2440 | -- | -- | 4904 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 27.6 | 40.8 | 34.19 | 4.289 | -- | -- | 37.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 28.3 | 50 | 37.98 | 6.87 | -- | -- | 42.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 12 | 42 | 0.0013 | 0.0057 | 0.00296 | 0.00205 | 0.0011 | 0.0086 | 0.0035 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.0018 | 0.02 | 0.00805 | 0.00752 | 0.0048 | 0.0048 | 0.0106 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 3.2 | 6.82 | 5.201 | 0.94 | -- | -- | 5.688 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00439 | 0.0586 | 0.0175 | 0.0181 | -- | -- | 0.0403 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0033 | 0.052 | 0.0154 | 0.0171 | -- | -- | 0.0272 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 12 | 83 | 0.0033 | 0.044 | 0.0146 | 0.0142 | 0.0039 | 0.0039 | 0.0202 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 12 | 92 | 0.0018 | 0.021 | 0.00747 | 0.00647 | 0.0028 | 0.0028 | 0.0151 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0014 | 0.0069 | 0.00388 | 0.00251 | 0.0011 | 0.009 | 0.0048 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | cadmium | mg/kg | 11 | 12 | 92 | 0.0073 | 0.474 | 0.166 | 0.117 | 0.0064 | 0.0064 | 0.305 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 ravenna ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0079 | 0.14 | 0.0433 | 0.0487 | -- | -- | 0.105 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 6.51 | 12 | 9.163 | 1.321 | -- | -- | 9.848 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 12.3 | 27.2 | 16.5 | 4.273 | -- | -- | 18.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 12 | 67 | 0.0009 | 0.014 | 0.00496 | 0.00456 | 0.0013 | 0.0054 | 0.00598 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 12 | 67 | 0.0017 | 0.015 | 0.0069 | 0.0053 | 0.0017 | 0.0069 | 0.00783 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 6.4 | 27.2 | 11 | 5.796 | -- | -- | 14.04 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte02ft | naphthalene | mg/kg | 8 | 12 | 67 | 0.0014 | 0.0081 | 0.00418 | 0.00289 | 0.00029 | 0.00031 | 0.00464 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0055 | 0.097 | 0.027 | 0.0284 | -- | -- | 0.0612 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 11 | 1200 | 298.8 | 384 | -- | -- | 704.3 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte02ft | tph as gasoline | mg/kg | 8 | 12 | 67 | 0.059 | 0.14 | 0.0879 | 0.0299 | 0.047 | 0.057 | 0.093 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 40 | 3200 | 908.1 | 1071 | -- | -- | 1987 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 26 | 42.2 | 34.05 | 4.801 | -- | -- | 36.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 28.7 | 62.5 | 41.89 | 9.339 | -- | -- | 46.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 18 | 39 | 0.0013 | 0.0074 | 0.00353 | 0.0024 | 0.0011 | 0.0086 | 0.00376 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 18 | 89 | 0.0018 | 0.031 | 0.00966 | 0.00866 | 0.0048 | 0.0048 | 0.0121 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte05ft | arsenic | mg/kg | 18 | 18 | 100 | 3.2 | 7.86 | 5.141 | 1.132 | -- | -- | 5.605 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte05ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00439 | 0.0816 | 0.0264 | 0.023 | -- | -- | 0.0396 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 18 | 100 | 0.0033 | 0.071 | 0.0214 | 0.0198 | -- | -- | 0.0324 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 16 | 18 | 89 | 0.0033 | 0.059 | 0.0221 | 0.0176 | 0.0039 | 0.0039 | 0.0272 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 18 | 94 | 0.0018 | 0.035 | 0.0114 | 0.00943 | 0.0028 | 0.0028 | 0.0206 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 18 | 56 | 0.0014 | 0.014 | 0.00552 | 0.00371 | 0.0011 | 0.009 | 0.00596 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte05ft | cadmium | mg/kg | 13 | 18 | 72 | 0.0073 | 0.474 | 0.151 | 0.113 | 0.0064 | 0.0064 | 0.166 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte05ft | chrysene | mg/kg | 18 | 18 | 100 | 0.0079 | 0.45 | 0.0802 | 0.105 | -- | -- | 0.132 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte05ft | cobalt | mg/kg | 18 | 18 | 100 | 6.51 | 12 | 9.039 | 1.374 | -- | -- | 9.603 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte05ft | copper | mg/kg | 18 | 18 | 100 | 10 | 27.2 | 15.84 | 3.918 | -- | -- | 17.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 13 | 18 | 72 | 0.0009 | 0.014 | 0.00558 | 0.00452 | 0.0013 | 0.0054 | 0.00627 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 18 | 78 | 0.0017 | 0.015 | 0.00795 | 0.00463 | 0.0017 | 0.0069 | 0.00861 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte05ft | lead | mg/kg | 18 | 18 | 100 | 5.6 | 27.2 | 9.972 | 5.101 | -- | -- | 11.95 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 ravenna ave | lte05ft | naphthalene | mg/kg | 12 | 18 | 67 | 0.0014 | 0.013 | 0.00602 | 0.00379 | 0.00026 | 0.00031 | 0.00605 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte05ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0055 | 0.62 | 0.0949 | 0.154 | -- | -- | 0.174 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte05ft | tph as diesel | mg/kg | 18 | 18 | 100 | 11 | 1200 | 257 | 325.1 | -- | -- | 458.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte05ft | tph as gasoline | mg/kg | 9 | 18 | 50 | 0.059 | 0.23 | 0.104 | 0.055 | 0.047 | 0.057 | 0.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte05ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 40 | 3200 | 755.4 | 922.2 | -- | -- | 1303 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte05ft | vanadium | mg/kg | 18 | 18 | 100 | 24.9 | 42.2 | 33.13 | 4.572 | -- | -- | 35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte05ft | zinc | mg/kg | 18 | 18 | 100 | 26.9 | 62.5 | 39.32 | 8.719 | -- | -- | 42.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 13 | 26 | 50 | 0.0013 | 2.9 | 0.232 | 0.802 | 0.0011 | 0.0086 | 0.612 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 26 | 92 | 0.0018 | 3.9 | 0.178 | 0.793 | 0.0048 | 0.0048 | 0.817 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 ravenna ave | lte10ft | arsenic | mg/kg | 26 | 26 | 100 | 3.2 | 10 | 5.376 | 1.471 | -- | -- | 5.88 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte10ft | bap teq | mg/kg | 26 | 26 | 100 | 0.00439 | 0.0921 | 0.0361 | 0.0264 | -- | -- | 0.045 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 26 | 26 | 100 | 0.0033 | 0.15 | 0.0385 | 0.0393 | -- | -- | 0.0555 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24406 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 26 | 88 | 0.0033 | 0.066 | 0.0289 | 0.0199 | 0.0039 | 0.02 | 0.0329 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 25 | 26 | 96 | 0.0018 | 0.058 | 0.0175 | 0.0151 | 0.0028 | 0.0028 | 0.0298 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 17 | 26 | 65 | 0.0014 | 0.022 | 0.00749 | 0.00549 | 0.0011 | 0.029 | 0.00786 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte10ft | cadmium | mg/kg | 17 | 26 | 65 | 0.0073 | 0.474 | 0.136 | 0.104 | 0.0064 | 0.0064 | 0.134 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 ravenna ave | lte10ft | chrysene | mg/kg | 26 | 26 | 100 | 0.0079 | 0.6 | 0.133 | 0.144 | -- | -- | 0.197 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte10ft | cobalt | mg/kg | 26 | 26 | 100 | 6.51 | 12 | 9.219 | 1.238 | -- | -- | 9.633 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte10ft | copper | mg/kg | 26 | 26 | 100 | 10 | 27.2 | 15.84 | 3.897 | -- | -- | 17.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 18 | 26 | 69 | 0.0009 | 0.016 | 0.00651 | 0.00489 | 0.0007 | 0.018 | 0.00687 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 26 | 81 | 0.0017 | 0.016 | 0.0084 | 0.00435 | 0.0017 | 0.017 | 0.00898 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte10ft | lead | mg/kg | 26 | 26 | 100 | 5.6 | 27.2 | 10.22 | 5.646 | -- | -- | 12.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 ravenna ave | lte10ft | naphthalene | mg/kg | 20 | 27 | 74 | 0.00047 | 1.1 | 0.0934 | 0.274 | 0.00026 | 0.00031 | 0.27 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 ravenna ave | lte10ft | pyrene | mg/kg | 26 | 26 | 100 | 0.0055 | 0.77 | 0.16 | 0.203 | -- | -- | 0.255 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte10ft | toluene | µg/kg | 6 | 27 | 22 | 0.14 | 14 | 2.477 | 5.645 | 0.12 | 0.16 | 3.064 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 ravenna ave | lte10ft | tph as diesel | mg/kg | 26 | 26 | 100 | 11 | 5300 | 570.6 | 1076 | -- | -- | 959.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24406 ravenna ave | lte10ft | tph as gasoline | mg/kg | 16 | 27 | 59 | 0.059 | 16 | 1.365 | 3.947 | 0.047 | 0.06 | 3.442 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24406 ravenna ave | lte10ft | tph as motor oil | mg/kg | 26 | 26 | 100 | 40 | 7300 | 1109 | 1593 | -- | -- | 1742 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24406 ravenna ave | lte10ft | vanadium | mg/kg | 26 | 26 | 100 | 24.9 | 42.2 | 33.45 | 4.429 | -- | -- | 34.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24406 ravenna ave | lte10ft | zinc | mg/kg | 26 | 26 | 100 | 26.9 | 62.5 | 38.9 | 8.081 | -- | -- | 41.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 14 | 36 | 0.0016 | 0.012 | 0.00686 | 0.00487 | 0.005 | 0.021 | 0.00838 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 14 | 86 | 0.0038 | 0.033 | 0.0149 | 0.00878 | 0.003 | 0.0048 | 0.0176 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | antimony | mg/kg | 7 | 14 | 50 | 0.31 | 0.972 | 0.584 | 0.267 | 0.149 | 0.306 | 0.585 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 3.2 | 7.73 | 5.339 | 1.466 | -- | -- | 6.033 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00402 | 0.0608 | 0.0241 | 0.0167 | -- | -- | 0.032 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | benzene | µg/kg | 7 | 14 | 50 | 0.15 | 0.34 | 0.239 | 0.0701 | 0.1 | 0.12 | 0.245 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 14 | 79 | 0.0044 | 0.036 | 0.014 | 0.00879 | 0.0033 | 0.013 | 0.0162 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 14 | 100 | 0.0028 | 0.052 | 0.0191 | 0.0141 | -- | -- | 0.0257 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 14 | 79 | 0.0018 | 0.024 | 0.0108 | 0.00665 | 0.0018 | 0.007 | 0.0124 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | cadmium | mg/kg | 6 | 14 | 43 | 0.501 | 1.85 | 0.85 | 0.514 | 0.0883 | 0.0883 | 0.833 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte02ft | chrysene | mg/kg | 13 | 14 | 93 | 0.0093 | 0.12 | 0.0429 | 0.0329 | 0.024 | 0.024 | 0.079 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 7.41 | 10.8 | 9.256 | 0.942 | -- | -- | 9.702 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 8.49 | 37.3 | 18.6 | 7.198 | -- | -- | 22.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 14 | 50 | 0.0017 | 0.015 | 0.00746 | 0.00434 | 0.0043 | 0.017 | 0.0092 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 6.85 | 72.5 | 18.9 | 17.05 | -- | -- | 27.69 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte02ft | naphthalene | mg/kg | 7 | 14 | 50 | 0.0022 | 0.11 | 0.0391 | 0.0495 | 0.00025 | 0.00073 | 0.0397 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte02ft | pyrene | mg/kg | 13 | 14 | 93 | 0.0048 | 0.25 | 0.052 | 0.0712 | 0.016 | 0.016 | 0.13 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 neptune ave | lte02ft | toluene | µg/kg | 6 | 14 | 43 | 0.23 | 0.59 | 0.398 | 0.144 | 0.11 | 0.46 | 0.407 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 15 | 2300 | 279 | 588.5 | -- | -- | 964.6 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte02ft | tph as gasoline | mg/kg | 6 | 14 | 43 | 0.065 | 0.14 | 0.105 | 0.0332 | 0.04 | 0.066 | 0.109 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 67 | 4800 | 712.6 | 1206 | -- | -- | 2118 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 25.3 | 35.5 | 31.27 | 2.836 | -- | -- | 32.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 33.9 | 166 | 64.5 | 36.2 | -- | -- | 82.16 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 20 | 25 | 0.19 | 0.92 | 0.494 | 0.296 | 0.089 | 0.53 | 0.471 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 20 | 45 | 0.0016 | 0.97 | 0.227 | 0.378 | 0.005 | 0.2 | 0.213 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 17 | 20 | 85 | 0.0038 | 1.3 | 0.151 | 0.33 | 0.003 | 0.012 | 0.431 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte05ft | antimony | mg/kg | 8 | 20 | 40 | 0.31 | 1.33 | 0.678 | 0.361 | 0.149 | 0.306 | 0.595 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte05ft | arsenic | mg/kg | 20 | 20 | 100 | 2.96 | 7.73 | 5.264 | 1.522 | -- | -- | 5.852 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte05ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00402 | 0.45 | 0.0758 | 0.12 | -- | -- | 0.193 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte05ft | benzene | µg/kg | 11 | 20 | 55 | 0.15 | 0.8 | 0.275 | 0.184 | 0.1 | 0.12 | 0.277 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 16 | 20 | 80 | 0.0044 | 0.5 | 0.0891 | 0.149 | 0.0033 | 0.013 | 0.206 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 20 | 95 | 0.0028 | 0.34 | 0.0607 | 0.0936 | 0.0099 | 0.0099 | 0.148 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 20 | 80 | 0.0018 | 0.16 | 0.0331 | 0.0454 | 0.0018 | 0.007 | 0.0684 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 neptune ave | lte05ft | cadmium | mg/kg | 9 | 20 | 45 | 0.425 | 1.85 | 0.739 | 0.441 | 0.0883 | 0.0883 | 0.698 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 neptune ave | lte05ft | chrysene | mg/kg | 19 | 20 | 95 | 0.0093 | 1.4 | 0.23 | 0.394 | 0.024 | 0.024 | 0.596 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte05ft | cobalt | mg/kg | 20 | 20 | 100 | 6.49 | 10.8 | 8.991 | 1.134 | -- | -- | 9.429 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte05ft | copper | mg/kg | 20 | 20 | 100 | 8.49 | 37.3 | 17.01 | 6.602 | -- | -- | 19.65 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 20 | 25 | 0.00086 | 0.032 | 0.00887 | 0.013 | 0.001 | 0.1 | 0.00701 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte05ft | ethylbenzene | µg/kg | 6 | 20 | 30 | 0.15 | 13 | 5.158 | 5.002 | 0.12 | 0.18 | 5.14 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 20 | 50 | 0.0017 | 0.062 | 0.0172 | 0.0212 | 0.0043 | 0.11 | 0.0185 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 neptune ave | lte05ft | lead | mg/kg | 20 | 20 | 100 | 5.99 | 72.5 | 18.85 | 18.43 | -- | -- | 36.81 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24409 neptune ave | lte05ft | naphthalene | mg/kg | 12 | 20 | 60 | 0.0022 | 0.36 | 0.0824 | 0.113 | 0.00025 | 0.00073 | 0.0922 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte05ft | pyrene | mg/kg | 19 | 20 | 95 | 0.0048 | 2.1 | 0.287 | 0.564 | 0.016 | 0.016 | 0.812 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte05ft | toluene | µg/kg | 7 | 20 | 35 | 0.21 | 0.59 | 0.371 | 0.149 | 0.11 | 0.46 | 0.355 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte05ft | tph as diesel | mg/kg | 20 | 20 | 100 | 15 | 6800 | 843.3 | 1617 | -- | -- | 2419 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte05ft | tph as gasoline | mg/kg | 12 | 20 | 60 | 0.065 | 75 | 8.453 | 21.71 | 0.04 | 0.066 | 22.01 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 neptune ave | lte05ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 40 | 7900 | 1439 | 2138 | -- | -- | 3523 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte05ft | vanadium | mg/kg | 20 | 20 | 100 | 23.9 | 35.5 | 31.21 | 3.312 | -- | -- | 32.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte05ft | xylenes, total | µg/kg | 6 | 20 | 30 | 0.17 | 1.5 | 0.768 | 0.504 | 0.15 | 0.5 | 0.783 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte05ft | zinc | mg/kg | 20 | 20 | 100 | 32.3 | 166 | 57.11 | 32.31 | -- | -- | 68.85 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 24 | 29 | 0.19 | 120 | 17.6 | 45.15 | 0.089 | 54 | 28.28 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 13 | 24 | 54 | 0.0016 | 4.2 | 0.816 | 1.319 | 0.005 | 0.2 | 0.811 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 21 | 24 | 88 | 0.0038 | 5.7 | 0.615 | 1.39 | 0.003 | 0.012 | 1.711 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte10ft | antimony | mg/kg | 9 | 24 | 38 | 0.31 | 2.07 | 0.832 | 0.574 | 0.149 | 0.306 | 0.696 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte10ft | arsenic | mg/kg | 24 | 24 | 100 | 2.96 | 13.8 | 5.923 | 2.386 | -- | -- | 6.782 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte10ft | bap teq | mg/kg | 23 | 24 | 96 | 0.00402 | 0.45 | 0.0781 | 0.114 | 0.0931 | 0.0931 | 0.176 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte10ft | benzene | µg/kg | 15 | 24 | 63 | 0.15 | 460 | 41.66 | 120.5 | 0.1 | 0.12 | 112.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 19 | 24 | 79 | 0.0044 | 0.5 | 0.0886 | 0.138 | 0.0033 | 0.16 | 0.186 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 22 | 24 | 92 | 0.0028 | 0.34 | 0.0612 | 0.0882 | 0.0099 | 0.1 | 0.133 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 17 | 24 | 71 | 0.0018 | 0.16 | 0.0315 | 0.0444 | 0.0018 | 0.1 | 0.06 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte10ft | cadmium | mg/kg | 12 | 24 | 50 | 0.425 | 1.85 | 0.709 | 0.383 | 0.0883 | 0.0883 | 0.697 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 neptune ave | lte10ft | chrysene | mg/kg | 22 | 24 | 92 | 0.0093 | 1.4 | 0.241 | 0.372 | 0.024 | 0.12 | 0.545 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte10ft | cobalt | mg/kg | 24 | 24 | 100 | 6.49 | 10.8 | 8.915 | 1.19 | -- | -- | 9.332 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte10ft | copper | mg/kg | 24 | 24 | 100 | 8.49 | 37.3 | 16.77 | 6.099 | -- | -- | 18.92 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 24 | 21 | 0.00086 | 0.032 | 0.00887 | 0.013 | 0.001 | 0.1 | 0.00664 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte10ft | ethylbenzene | µg/kg | 10 | 24 | 42 | 0.15 | 1400 | 233.4 | 474.1 | 0.12 | 0.18 | 212.5 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 24 | 42 | 0.0017 | 0.062 | 0.0172 | 0.0212 | 0.0043 | 0.11 | 0.0171 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 neptune ave | lte10ft | lead | mg/kg | 24 | 24 | 100 | 5.99 | 72.5 | 17.03 | 17.27 | -- | -- | 32.4 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 neptune ave | lte10ft | naphthalene | mg/kg | 16 | 24 | 67 | 0.0022 | 2 | 0.358 | 0.614 | 0.00025 | 0.00073 | 0.434 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte10ft | pyrene | mg/kg | 23 | 24 | 96 | 0.0048 | 2.1 | 0.294 | 0.514 | 0.016 | 0.016 | 0.733 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 neptune ave | lte10ft | toluene | µg/kg | 8 | 24 | 33 | 0.21 | 0.59 | 0.356 | 0.145 | 0.11 | 47 | 0.34 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte10ft | tph as diesel | mg/kg | 24 | 24 | 100 | 15 | 10000 | 1564 | 2747 | -- | -- | 4008 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte10ft | tph as gasoline | mg/kg | 16 | 24 | 67 | 0.065 | 470 | 94.46 | 162.3 | 0.04 | 0.066 | 187.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 neptune ave | lte10ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 40 | 16000 | 2414 | 3874 | -- | -- | 5861 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 neptune ave | lte10ft | vanadium | mg/kg | 24 | 24 | 100 | 23.9 | 41.4 | 31.75 | 4.2 | -- | -- | 33.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte10ft | xylenes, total | µg/kg | 7 | 24 | 29 | 0.17 | 1.9 | 0.93 | 0.628 | 0.15 | 51 | 0.911 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 neptune ave | lte10ft | zinc | mg/kg | 24 | 24 | 100 | 32.3 | 166 | 54.4 | 30.13 | -- | -- | 63.89 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 10 | 50 | 0.13 | 0.65 | 0.34 | 0.196 | 0.09 | 10 | 0.399 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 10 | 80 | 0.0021 | 5.9 | 2.437 | 2.414 | 0.0011 | 0.0054 | 3.339 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.0013 | 8.7 | 2.441 | 3.08 | -- | -- | 8.7 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 5.51 | 16.3 | 9.241 | 3.114 | -- | -- | 11.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.000537 | 0.17 | 0.0372 | 0.05 | -- | -- | 0.0877 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 10 | 80 | 0.0042 | 0.89 | 0.159 | 0.301 | 0.0007 | 0.065 | 0.511 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 10 | 80 | 0.002 | 0.19 | 0.0479 | 0.0644 | 0.0004 | 0.035 | 0.123 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | cadmium | mg/kg | 9 | 10 | 90 | 0.125 | 0.983 | 0.66 | 0.311 | 0.0883 | 0.0883 | 0.804 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.0013 | 1.6 | 0.31 | 0.492 | -- | -- | 0.852 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 7.64 | 12.2 | 10.16 | 1.538 | -- | -- | 11.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 15 | 23.2 | 18.57 | 2.436 | -- | -- | 19.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 10 | 80 | 0.18 | 67 | 14.18 | 22.83 | 0.12 | 0.12 | 40.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 5.52 | 8.24 | 6.631 | 0.798 | -- | -- | 7.094 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.00081 | 2.6 | 0.777 | 0.935 | -- | -- | 2.6 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.0023 | 2.9 | 0.613 | 0.956 | -- | -- | 2.39 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 10 | 90 | 13 | 6800 | 2067 | 2604 | 4.8 | 4.8 | 5384 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 10 | 80 | 0.36 | 260 | 64.23 | 114.8 | 0.047 | 0.048 | 197.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 10 | 90 | 47 | 9600 | 2698 | 3334 | 7 | 7 | 6945 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 31.1 | 42.3 | 37.82 | 3.912 | -- | -- | 40.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 5 | 10 | 50 | 0.57 | 4 | 1.312 | 1.504 | 0.16 | 18 | 1.712 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 36 | 50.5 | 41.76 | 4.02 | -- | -- | 44.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 5 | 14 | 36 | 0.0034 | 0.052 | 0.0188 | 0.0212 | 0.0012 | 0.012 | 0.0173 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 4.7 | 7.84 | 6.138 | 0.941 | -- | -- | 6.583 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24409 ravenna ave | lte02ft | bap teq | mg/kg | 13 | 14 | 93 | 0.00266 | 0.134 | 0.0275 | 0.0345 | 0.0103 | 0.0103 | 0.0652 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 14 | 86 | 0.006 | 0.12 | 0.0302 | 0.0316 | 0.0033 | 0.013 | 0.0427 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 7 | 14 | 50 | 0.0048 | 0.1 | 0.0311 | 0.0316 | 0.0025 | 0.02 | 0.0307 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 14 | 64 | 0.0012 | 0.067 | 0.0187 | 0.0202 | 0.0018 | 0.007 | 0.0227 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte02ft | cadmium | mg/kg | 12 | 14 | 86 | 0.0915 | 1.32 | 0.719 | 0.277 | 0.0883 | 0.0883 | 0.802 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte02ft | chrysene | mg/kg | 13 | 14 | 93 | 0.008 | 0.36 | 0.0822 | 0.0968 | 0.024 | 0.024 | 0.188 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 7.43 | 11.5 | 9.374 | 1.12 | -- | -- | 9.905 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 12.5 | 27.5 | 16.06 | 4.093 | -- | -- | 17.98 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 ravenna ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 5.99 | 177 | 22.14 | 44.71 | -- | -- | 74.22 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.01 | 0.18 | 0.0444 | 0.0451 | -- | -- | 0.0671 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24409 ravenna ave | lte02ft | tph as diesel | mg/kg | 12 | 14 | 86 | 19 | 620 | 165.7 | 166.4 | 4.8 | 4.8 | 226.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 12 | 2100 | 508.5 | 559.4 | -- | -- | 950.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 31.3 | 40.6 | 34.34 | 2.483 | -- | -- | 35.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 33.9 | 157 | 49.19 | 31.26 | -- | -- | 65.35 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 23 | 22 | 0.1 | 0.17 | 0.134 | 0.0336 | 0.092 | 0.11 | 0.127 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 9 | 23 | 39 | 0.0034 | 0.052 | 0.0212 | 0.0159 | 0.0012 | 0.012 | 0.0173 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte05ft | arsenic | mg/kg | 23 | 23 | 100 | 4.64 | 7.84 | 6.009 | 0.857 | -- | -- | 6.315 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte05ft | bap teq | mg/kg | 22 | 23 | 96 | 0.00266 | 0.165 | 0.0358 | 0.0433 | 0.0103 | 0.0103 | 0.0733 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 23 | 91 | 0.0038 | 0.18 | 0.041 | 0.0435 | 0.0033 | 0.013 | 0.0769 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 13 | 23 | 57 | 0.0032 | 0.12 | 0.0395 | 0.0364 | 0.0025 | 0.02 | 0.0377 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 23 | 78 | 0.0012 | 0.068 | 0.0209 | 0.0198 | 0.0018 | 0.007 | 0.0243 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte05ft | cadmium | mg/kg | 21 | 23 | 91 | 0.0903 | 1.4 | 0.658 | 0.325 | 0.0883 | 0.0883 | 0.928 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | lte05ft | chrysene | mg/kg | 22 | 23 | 96 | 0.008 | 0.74 | 0.138 | 0.17 | 0.024 | 0.024 | 0.286 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte05ft | cobalt | mg/kg | 23 | 23 | 100 | 6.67 | 12.6 | 9.271 | 1.419 | -- | -- | 9.779 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte05ft | copper | mg/kg | 23 | 23 | 100 | 9.45 | 27.5 | 15.44 | 3.835 | -- | -- | 16.83 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 23 | 26 | 0.0019 | 0.049 | 0.0174 | 0.0177 | 0.0017 | 0.035 | 0.0136 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte05ft | lead | mg/kg | 23 | 23 | 100 | 5.37 | 177 | 18 | 35.84 | -- | -- | 50.57 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | lte05ft | naphthalene | mg/kg | 7 | 23 | 30 | 0.00046 | 0.18 | 0.0582 | 0.0737 | 0.00026 | 0.00032 | 0.0358 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte05ft | pyrene | mg/kg | 23 | 23 | 100 | 0.01 | 0.74 | 0.115 | 0.171 | -- | -- | 0.27 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 ravenna ave | lte05ft | tph as diesel | mg/kg | 20 | 23 | 87 | 19 | 1200 | 240.3 | 298.6 | 4.8 | 4.8 | 473.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte05ft | tph as gasoline | mg/kg | 8 | 23 | 35 | 0.054 | 0.41 | 0.153 | 0.122 | 0.047 | 0.058 | 0.12 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte05ft | tph as motor oil | mg/kg | 23 | 23 | 100 | 12 | 2800 | 552.5 | 689 | -- | -- | 876.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte05ft | vanadium | mg/kg | 23 | 23 | 100 | 27.4 | 43.5 | 33.98 | 3.612 | -- | -- | 35.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte05ft | zinc | mg/kg | 23 | 23 | 100 | 28.4 | 447 | 62.07 | 87.58 | -- | -- | 141.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 33 | 30 | 0.1 | 0.65 | 0.237 | 0.171 | 0.09 | 10 | 0.178 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 33 | 27 | 0.0021 | 5.9 | 2.167 | 2.399 | 0.0011 | 0.043 | 1.119 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 19 | 33 | 58 | 0.0013 | 8.7 | 1.295 | 2.507 | 0.0012 | 0.012 | 2.273 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 4.64 | 16.3 | 6.988 | 2.347 | -- | -- | 7.709 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | lte10ft | bap teq | mg/kg | 32 | 33 | 97 | 0.000537 | 0.17 | 0.0362 | 0.0447 | 0.0103 | 0.0103 | 0.0689 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 29 | 33 | 88 | 0.0038 | 0.89 | 0.0735 | 0.164 | 0.0007 | 0.065 | 0.183 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 16 | 33 | 48 | 0.0032 | 0.12 | 0.0346 | 0.0344 | 0.0005 | 0.049 | 0.0276 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 26 | 33 | 79 | 0.0012 | 0.19 | 0.0292 | 0.0399 | 0.0004 | 0.035 | 0.0518 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte10ft | cadmium | mg/kg | 30 | 33 | 91 | 0.0903 | 1.4 | 0.659 | 0.315 | 0.0883 | 0.0883 | 0.868 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | lte10ft | chrysene | mg/kg | 32 | 33 | 97 | 0.0013 | 1.6 | 0.192 | 0.31 | 0.024 | 0.024 | 0.42 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 6.67 | 12.6 | 9.54 | 1.491 | -- | -- | 9.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 9.45 | 27.5 | 16.39 | 3.73 | -- | -- | 17.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte10ft | ethylbenzene | µg/kg | 8 | 33 | 24 | 0.18 | 67 | 14.18 | 22.83 | 0.12 | 0.15 | 7.388 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 33 | 30 | 0.001 | 0.049 | 0.0134 | 0.0148 | 0.0009 | 0.087 | 0.00933 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 5.37 | 177 | 14.55 | 30.19 | -- | -- | 37.46 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | lte10ft | naphthalene | mg/kg | 17 | 33 | 52 | 0.00046 | 2.6 | 0.481 | 0.792 | 0.00026 | 0.00032 | 0.456 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte10ft | pyrene | mg/kg | 33 | 33 | 100 | 0.0023 | 2.9 | 0.266 | 0.576 | -- | -- | 0.702 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 ravenna ave | lte10ft | toluene | µg/kg | 6 | 33 | 18 | 0.12 | 0.39 | 0.198 | 0.0983 | 0.12 | 13 | 0.151 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24409 ravenna ave | lte10ft | tph as diesel | mg/kg | 29 | 33 | 88 | 13 | 6800 | 807.1 | 1655 | 4.8 | 4.8 | 1905 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 ravenna ave | lte10ft | tph as gasoline | mg/kg | 16 | 33 | 48 | 0.054 | 260 | 32.19 | 85.12 | 0.047 | 0.058 | 62.34 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24409 ravenna ave | lte10ft | tph as motor oil | mg/kg | 32 | 33 | 97 | 12 | 9600 | 1156 | 2041 | 7 | 7 | 2654 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 ravenna ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 27.4 | 43.5 | 35.15 | 4.06 | -- | -- | 36.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24409 ravenna ave | lte10ft | xylenes, total | µg/kg | 8 | 33 | 24 | 0.22 | 4 | 0.936 | 1.252 | 0.16 | 18 | 0.732 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24409 ravenna ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 28.4 | 447 | 55.92 | 73.26 | -- | -- | 79.42 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24410 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 5 | 8 | 63 | 0.0006 | 0.0007 | 0.00064 | 5.4772E-05 | 0.0006 | 0.0006 | 0.0007 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24410 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 1.91 | 5.69 | 3.564 | 1.397 | -- | -- | 4.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | gt05lte10ft | bap teq | mg/kg | 5 | 8 | 63 | 0.000536 | 0.00439 | 0.00155 | 0.00166 | 0.00053 | 0.00053 | 0.00213 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | gt05lte10ft | chrysene | mg/kg | 5 | 8 | 63 | 0.0012 | 0.0053 | 0.00282 | 0.00173 | 0.0012 | 0.0012 | 0.00339 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 3.82 | 16.5 | 7.335 | 4.061 | -- | -- | 10.49 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 9.62 | 36.4 | 16.89 | 8.788 | -- | -- | 23.63 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 2.21 | 9.79 | 4.701 | 2.31 | -- | -- | 6.249 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.001 | 0.04 | 0.00906 | 0.0142 | -- | -- | 0.0309 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24410 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 17.2 | 59.9 | 28.88 | 13.57 | -- | -- | 39.16 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 17.3 | 83.3 | 36.1 | 20.13 | -- | -- | 51.39 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 16 | 75 | 0.004 | 0.081 | 0.0378 | 0.0279 | 0.0006 | 0.012 | 0.042 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.02 | 4.9 | 3.284 | 1.162 | -- | -- | 3.793 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | bap teq | mg/kg | 15 | 16 | 94 | 0.00109 | 0.202 | 0.0655 | 0.0589 | 0.00053 | 0.00053 | 0.0874 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | benzene | µg/kg | 9 | 16 | 56 | 0.13 | 28 | 3.293 | 9.265 | 0.11 | 0.14 | 9.696 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24410 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 16 | 94 | 0.0013 | 0.17 | 0.0601 | 0.0505 | 0.0007 | 0.0007 | 0.0788 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0007 | 0.15 | 0.0476 | 0.044 | 0.0005 | 0.0005 | 0.0929 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 16 | 88 | 0.002 | 0.17 | 0.0378 | 0.0431 | 0.0004 | 0.0004 | 0.0793 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 16 | 31 | 0.0022 | 0.11 | 0.0314 | 0.0444 | 0.0011 | 0.023 | 0.0264 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte02ft | cadmium | mg/kg | 5 | 16 | 31 | 0.1 | 0.359 | 0.209 | 0.0993 | 0.0883 | 0.0883 | 0.225 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | chrysene | mg/kg | 15 | 16 | 94 | 0.0024 | 0.69 | 0.186 | 0.187 | 0.0012 | 0.0012 | 0.378 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.15 | 9.96 | 8.274 | 1.214 | -- | -- | 8.806 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 8.16 | 19.2 | 12.9 | 3.679 | -- | -- | 14.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 16 | 38 | 0.0011 | 0.028 | 0.0137 | 0.0115 | 0.0007 | 0.027 | 0.0136 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 16 | 69 | 0.0015 | 0.063 | 0.0216 | 0.0178 | 0.0009 | 0.017 | 0.0235 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.82 | 35.9 | 13.8 | 9.768 | -- | -- | 18.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte02ft | naphthalene | mg/kg | 7 | 16 | 44 | 0.0021 | 0.042 | 0.0194 | 0.0156 | 0.00026 | 0.00034 | 0.0185 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0011 | 0.7 | 0.124 | 0.178 | -- | -- | 0.241 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte02ft | tph as diesel | mg/kg | 13 | 16 | 81 | 10 | 1200 | 278.5 | 352 | 4.8 | 4.8 | 593.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte02ft | tph as motor oil | mg/kg | 14 | 16 | 88 | 16 | 3900 | 885 | 1149 | 7 | 7 | 1991 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 18.2 | 44.5 | 29.87 | 6.317 | -- | -- | 32.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 23.3 | 93 | 45.16 | 19.26 | -- | -- | 54 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 25 | 24 | 0.0025 | 0.046 | 0.0172 | 0.016 | 0.0011 | 0.043 | 0.0175 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 25 | 72 | 0.0008 | 0.081 | 0.031 | 0.0287 | 0.0006 | 0.012 | 0.0471 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 1.02 | 4.9 | 2.964 | 1.132 | -- | -- | 3.351 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte05ft | bap teq | mg/kg | 23 | 25 | 92 | 0.000539 | 0.202 | 0.0522 | 0.0568 | 0.00053 | 0.00053 | 0.0972 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | benzene | µg/kg | 10 | 25 | 40 | 0.13 | 28 | 2.993 | 8.787 | 0.11 | 0.14 | 6.288 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24410 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 25 | 84 | 0.0013 | 0.17 | 0.051 | 0.0485 | 0.0007 | 0.0007 | 0.0851 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 22 | 25 | 88 | 0.0007 | 0.15 | 0.04 | 0.0428 | 0.0005 | 0.0005 | 0.0721 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 25 | 76 | 0.002 | 0.17 | 0.0342 | 0.0394 | 0.0004 | 0.0004 | 0.0588 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 25 | 32 | 0.0022 | 0.11 | 0.0218 | 0.0362 | 0.0011 | 0.045 | 0.0176 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | cadmium | mg/kg | 6 | 25 | 24 | 0.1 | 0.359 | 0.211 | 0.0889 | 0.0883 | 0.0883 | 0.221 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte05ft | chrysene | mg/kg | 23 | 25 | 92 | 0.0015 | 0.69 | 0.141 | 0.172 | 0.0012 | 0.0012 | 0.278 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 6.15 | 15.2 | 9.354 | 2.076 | -- | -- | 10.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 8.16 | 20.3 | 14.25 | 3.596 | -- | -- | 15.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 7 | 25 | 28 | 0.0011 | 0.028 | 0.0122 | 0.0113 | 0.0007 | 0.027 | 0.00914 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 25 | 56 | 0.0015 | 0.063 | 0.0189 | 0.017 | 0.0009 | 0.035 | 0.0179 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 3.82 | 35.9 | 12.22 | 8.455 | -- | -- | 19.59 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24410 panama ave | lte05ft | naphthalene | mg/kg | 10 | 25 | 40 | 0.00033 | 0.042 | 0.0147 | 0.0149 | 0.00026 | 0.00034 | 0.0111 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte05ft | pyrene | mg/kg | 24 | 25 | 96 | 0.0011 | 0.7 | 0.104 | 0.158 | 0.0008 | 0.0008 | 0.235 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | toluene | µg/kg | 5 | 25 | 20 | 0.12 | 3.8 | 0.876 | 1.635 | 0.12 | 0.16 | 0.736 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24410 panama ave | lte05ft | tph as diesel | mg/kg | 16 | 25 | 64 | 5.1 | 1200 | 304.1 | 369.1 | 4.8 | 4.8 | 329 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | tph as motor oil | mg/kg | 17 | 25 | 68 | 14 | 3900 | 932 | 1141 | 7 | 7 | 1003 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 18.2 | 44.5 | 31.44 | 5.722 | -- | -- | 33.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 23.3 | 93 | 45.78 | 15.84 | -- | -- | 51.27 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 6 | 33 | 18 | 0.0025 | 0.046 | 0.0172 | 0.016 | 0.0011 | 0.043 | 0.0145 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 23 | 33 | 70 | 0.0006 | 0.081 | 0.0244 | 0.0283 | 0.0006 | 0.012 | 0.0252 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24410 panama ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 1.02 | 5.69 | 3.109 | 1.207 | -- | -- | 3.465 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte10ft | bap teq | mg/kg | 28 | 33 | 85 | 0.000536 | 0.202 | 0.0431 | 0.055 | 0.00053 | 0.00053 | 0.0769 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte10ft | benzene | µg/kg | 12 | 33 | 36 | 0.11 | 28 | 2.531 | 8.021 | 0.1 | 0.14 | 3.528 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24410 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 24 | 33 | 73 | 0.0007 | 0.17 | 0.0448 | 0.0482 | 0.0007 | 0.0007 | 0.0675 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24410 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 24 | 33 | 73 | 0.0007 | 0.15 | 0.0369 | 0.0423 | 0.0005 | 0.0005 | 0.0571 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 21 | 33 | 64 | 0.0006 | 0.17 | 0.0311 | 0.0386 | 0.0004 | 0.0004 | 0.0316 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 33 | 27 | 0.0022 | 0.11 | 0.0196 | 0.0345 | 0.0011 | 0.045 | 0.0135 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24410 panama ave | lte10ft | cadmium | mg/kg | 8 | 33 | 24 | 0.0885 | 0.359 | 0.214 | 0.104 | 0.0883 | 0.0883 | 0.176 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte10ft | chrysene | mg/kg | 28 | 33 | 85 | 0.0012 | 0.69 | 0.117 | 0.164 | 0.0012 | 0.0012 | 0.218 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24410 panama ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 3.82 | 16.5 | 8.864 | 2.759 | -- | -- | 9.678 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 8.16 | 36.4 | 14.89 | 5.283 | -- | -- | 16.41 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 33 | 21 | 0.0011 | 0.028 | 0.0122 | 0.0113 | 0.0007 | 0.027 | 0.00734 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 33 | 45 | 0.0015 | 0.063 | 0.0178 | 0.0169 | 0.0009 | 0.035 | 0.0134 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 2.21 | 35.9 | 10.4 | 8.093 | -- | -- | 13.11 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24410 panama ave | lte10ft | naphthalene | mg/kg | 12 | 33 | 36 | 0.00033 | 0.042 | 0.0137 | 0.0141 | 0.00025 | 0.00034 | 0.00886 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24410 panama ave | lte10ft | pyrene | mg/kg | 32 | 33 | 97 | 0.001 | 0.7 | 0.08 | 0.142 | 0.0008 | 0.0008 | 0.184 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24410 panama ave | lte10ft | toluene | µg/kg | 6 | 33 | 18 | 0.12 | 3.8 | 0.763 | 1.488 | 0.12 | 0.16 | 0.594 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24410 panama ave | lte10ft | tph as diesel | mg/kg | 16 | 33 | 48 | 5.1 | 1200 | 304.1 | 369.1 | 4.8 | 4.8 | 238.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte10ft | tph as motor oil | mg/kg | 17 | 33 | 52 | 14 | 3900 | 932 | 1141 | 7 | 7 | 822.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24410 panama ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 17.2 | 59.9 | 30.82 | 8.129 | -- | -- | 33.47 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24410 panama ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 17.3 | 93 | 43.43 | 17.16 | -- | -- | 48.59 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | gt05lte10ft | antimony | mg/kg | 12 | 17 | 71 | 0.737 | 3.27 | 1.66 | 0.746 | 0.306 | 0.306 | 1.717 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | gt05lte10ft | arsenic | mg/kg | 16 | 17 | 94 | 1.06 | 5.73 | 2.634 | 1.311 | 0.398 | 0.398 | 3.104 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | gt05lte10ft | bap teq | mg/kg | 6 | 17 | 35 | 0.000539 | 0.00402 | 0.00154 | 0.00125 | 0.00053 | 0.00053 | 0.00128 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 17 | 29 | 0.0007 | 0.0029 | 0.00126 | 0.00092358 | 0.0005 | 0.0005 | 0.00119 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | gt05lte10ft | chrysene | mg/kg | 5 | 17 | 29 | 0.0014 | 0.0056 | 0.00242 | 0.0018 | 0.0012 | 0.0012 | 0.00217 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 marbella ave | gt05lte10ft | cobalt | mg/kg | 17 | 17 | 100 | 5.72 | 12.5 | 10.05 | 1.933 | -- | -- | 10.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | gt05lte10ft | copper | mg/kg | 17 | 17 | 100 | 10.3 | 24.9 | 19.39 | 4.086 | -- | -- | 21.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | gt05lte10ft | lead | mg/kg | 17 | 17 | 100 | 2.11 | 7.23 | 4.798 | 1.529 | -- | -- | 5.446 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | gt05lte10ft | pyrene | mg/kg | 10 | 17 | 59 | 0.0009 | 0.043 | 0.00559 | 0.0132 | 0.0008 | 0.0008 | 0.0146 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | gt05lte10ft | vanadium | mg/kg | 17 | 17 | 100 | 22.6 | 46.2 | 32.64 | 7.388 | -- | -- | 35.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | gt05lte10ft | zinc | mg/kg | 17 | 17 | 100 | 27.6 | 61.2 | 46.44 | 8.419 | -- | -- | 50.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 34 | 53 | 0.0008 | 51 | 2.844 | 12.02 | 0.0006 | 0.12 | 8.134 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte02ft | antimony | mg/kg | 25 | 34 | 74 | 0.767 | 3.58 | 1.912 | 0.607 | 0.306 | 0.306 | 1.859 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte02ft | arsenic | mg/kg | 34 | 34 | 100 | 2.31 | 7.36 | 5.038 | 1.425 | -- | -- | 5.451 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte02ft | bap teq | mg/kg | 32 | 34 | 94 | 0.00059 | 1.251 | 0.0978 | 0.241 | 0.00053 | 0.00053 | 0.268 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte02ft | benzene | µg/kg | 13 | 34 | 38 | 0.14 | 0.63 | 0.275 | 0.13 | 0.11 | 23 | 0.224 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 25 | 34 | 74 | 0.0016 | 2.4 | 0.144 | 0.487 | 0.0007 | 0.026 | 0.422 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 30 | 34 | 88 | 0.0006 | 0.89 | 0.0779 | 0.179 | 0.0005 | 0.0099 | 0.196 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 27 | 34 | 79 | 0.0008 | 0.3 | 0.0341 | 0.0639 | 0.0004 | 0.007 | 0.0711 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 13 | 34 | 38 | 0.0016 | 0.047 | 0.00956 | 0.0138 | 0.0011 | 0.23 | 0.0083 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 marbella ave | lte02ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 34 | 15 | 0.2 | 0.36 | 0.278 | 0.0763 | 0.16 | 8.2 | 0.36 | Maximum Detected | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte02ft | cadmium | mg/kg | 20 | 34 | 59 | 0.101 | 0.454 | 0.182 | 0.0934 | 0.0883 | 0.0883 | 0.173 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 marbella ave | lte02ft | chrysene | mg/kg | 31 | 34 | 91 | 0.0013 | 4.9 | 0.278 | 0.903 | 0.0012 | 0.0012 | 0.901 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte02ft | cobalt | mg/kg | 34 | 34 | 100 | 7.46 | 13.5 | 10.53 | 1.107 | -- | -- | 10.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte02ft | copper | mg/kg | 34 | 34 | 100 | 13.2 | 30.8 | 21.55 | 4.118 | -- | -- | 22.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 34 | 24 | 0.0012 | 0.062 | 0.0169 | 0.0222 | 0.0007 | 0.13 | 0.00919 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 34 | 68 | 0.0013 | 0.22 | 0.0306 | 0.0482 | 0.0009 | 0.17 | 0.0534 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte02ft | lead | mg/kg | 34 | 34 | 100 | 4.44 | 88.5 | 13.18 | 15.42 | -- | -- | 24.71 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte02ft | naphthalene | mg/kg | 10 | 34 | 29 | 0.00057 | 6.1 | 0.623 | 1.924 | 0.00027 | 0.00043 | 0.995 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte02ft | pyrene | mg/kg | 32 | 34 | 94 | 0.001 | 12 | 0.496 | 2.134 | 0.0008 | 0.0008 | 2.017 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte02ft | tetrachloroethene | µg/kg | 10 | 34 | 29 | 0.18 | 0.86 | 0.382 | 0.264 | 0.14 | 28 | 0.299 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte02ft | toluene | µg/kg | 14 | 34 | 41 | 0.18 | 120 | 8.935 | 31.97 | 0.12 | 0.16 | 19.48 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte02ft | tph as diesel | mg/kg | 27 | 34 | 79 | 5.1 | 47000 | 2632 | 9087 | 4.8 | 4.8 | 8198 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte02ft | tph as gasoline | mg/kg | 8 | 34 | 24 | 0.085 | 0.52 | 0.173 | 0.147 | 0.047 | 0.066 | 0.13 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 marbella ave | lte02ft | tph as motor oil | mg/kg | 29 | 34 | 85 | 9.4 | 72000 | 4178 | 13569 | 7 | 7 | 13001 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte02ft | vanadium | mg/kg | 34 | 34 | 100 | 23.8 | 47 | 36.43 | 4.505 | -- | -- | 37.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte02ft | zinc | mg/kg | 34 | 34 | 100 | 35 | 107 | 56.01 | 14.63 | -- | -- | 60.21 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 52 | 13 | 0.13 | 800 | 136.1 | 298 | 0.084 | 0.15 | 91.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 52 | 12 | 0.0011 | 38 | 8.872 | 15.47 | 0.0011 | 0.21 | 2.443 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 23 | 52 | 44 | 0.0006 | 51 | 3.018 | 11.11 | 0.0006 | 0.12 | 5.897 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | antimony | mg/kg | 37 | 52 | 71 | 0.603 | 3.58 | 1.784 | 0.693 | 0.306 | 0.306 | 1.628 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte05ft | arsenic | mg/kg | 52 | 52 | 100 | 2.31 | 18 | 5.66 | 2.598 | -- | -- | 6.285 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24411 marbella ave | lte05ft | bap teq | mg/kg | 41 | 52 | 79 | 0.00059 | 1.251 | 0.101 | 0.255 | 0.00053 | 0.00053 | 0.218 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte05ft | benzene | µg/kg | 15 | 52 | 29 | 0.14 | 0.63 | 0.261 | 0.126 | 0.097 | 23 | 0.198 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 28 | 52 | 54 | 0.0013 | 2.4 | 0.159 | 0.481 | 0.0007 | 0.026 | 0.305 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 38 | 52 | 73 | 0.0006 | 0.89 | 0.0823 | 0.196 | 0.0005 | 0.0099 | 0.164 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 32 | 52 | 62 | 0.0006 | 0.3 | 0.0379 | 0.0753 | 0.0004 | 0.007 | 0.061 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 13 | 52 | 25 | 0.0016 | 0.047 | 0.00956 | 0.0138 | 0.0011 | 0.23 | 0.00586 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 marbella ave | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 52 | 10 | 0.2 | 0.36 | 0.278 | 0.0763 | 0.16 | 8.2 | 0.253 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte05ft | cadmium | mg/kg | 28 | 52 | 54 | 0.0888 | 0.454 | 0.164 | 0.0856 | 0.0883 | 0.0883 | 0.148 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | chrysene | mg/kg | 39 | 52 | 75 | 0.0013 | 4.9 | 0.331 | 1.029 | 0.0012 | 0.0012 | 0.794 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | cobalt | mg/kg | 52 | 52 | 100 | 7.46 | 15.1 | 11.08 | 1.641 | -- | -- | 11.47 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 marbella ave | lte05ft | copper | mg/kg | 52 | 52 | 100 | 13.2 | 38 | 22.03 | 4.729 | -- | -- | 23.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 52 | 15 | 0.0012 | 0.062 | 0.0169 | 0.0222 | 0.0007 | 0.13 | 0.00641 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 26 | 52 | 50 | 0.0012 | 0.22 | 0.0273 | 0.0462 | 0.0009 | 0.17 | 0.0363 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | lead | mg/kg | 52 | 52 | 100 | 3.17 | 88.5 | 10.62 | 12.95 | -- | -- | 18.45 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | naphthalene | mg/kg | 15 | 52 | 29 | 0.00057 | 6.1 | 0.777 | 2.005 | 0.00023 | 0.00043 | 0.911 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | pyrene | mg/kg | 45 | 52 | 87 | 0.0009 | 12 | 0.555 | 2.217 | 0.0008 | 0.0008 | 1.732 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | tetrachloroethene | µg/kg | 17 | 52 | 33 | 0.18 | 3.5 | 0.543 | 0.79 | 0.13 | 29 | 0.438 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | toluene | µg/kg | 19 | 52 | 37 | 0.17 | 120 | 8.736 | 28.43 | 0.11 | 0.16 | 14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | tph as diesel | mg/kg | 34 | 52 | 65 | 5.1 | 47000 | 2404 | 8234 | 4.8 | 4.8 | 5659 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | tph as gasoline | mg/kg | 10 | 52 | 19 | 0.08 | 1.3 | 0.277 | 0.383 | 0.047 | 0.069 | 0.165 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | tph as motor oil | mg/kg | 36 | 52 | 69 | 9.4 | 72000 | 3779 | 12327 | 7 | 7 | 8910 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte05ft | vanadium | mg/kg | 52 | 52 | 100 | 23.8 | 55.1 | 37.82 | 5.822 | -- | -- | 39.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte05ft | xylenes, total | µg/kg | 6 | 52 | 12 | 0.29 | 420 | 81.77 | 167.8 | 0.14 | 0.26 | 24.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | lte05ft | zinc | mg/kg | 52 | 52 | 100 | 35 | 107 | 52.87 | 13.12 | -- | -- | 55.99 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 69 | 13 | 0.1 | 800 | 105.9 | 264.9 | 0.084 | 0.15 | 67.89 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 69 | 10 | 0.0011 | 38 | 7.606 | 14.51 | 0.0011 | 0.21 | 1.826 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 69 | 35 | 0.0006 | 51 | 2.893 | 10.88 | 0.0006 | 0.12 | 4.455 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | antimony | mg/kg | 49 | 69 | 71 | 0.603 | 3.58 | 1.753 | 0.7 | 0.306 | 0.306 | 1.579 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte10ft | arsenic | mg/kg | 68 | 69 | 99 | 1.06 | 18 | 4.948 | 2.682 | 0.398 | 0.398 | 5.499 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 marbella ave | lte10ft | bap teq | mg/kg | 47 | 69 | 68 | 0.000539 | 1.251 | 0.088 | 0.24 | 0.00053 | 0.00053 | 0.166 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | benzene | µg/kg | 15 | 69 | 22 | 0.14 | 0.63 | 0.261 | 0.126 | 0.097 | 23 | 0.183 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 31 | 69 | 45 | 0.0007 | 2.4 | 0.144 | 0.458 | 0.0007 | 0.026 | 0.231 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 43 | 69 | 62 | 0.0006 | 0.89 | 0.0729 | 0.186 | 0.0005 | 0.0099 | 0.125 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 34 | 69 | 49 | 0.0006 | 0.3 | 0.0358 | 0.0735 | 0.0004 | 0.007 | 0.0466 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 14 | 69 | 20 | 0.0016 | 0.047 | 0.00904 | 0.0134 | 0.0011 | 0.23 | 0.00494 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 69 | 7.3 | 0.2 | 0.36 | 0.278 | 0.0763 | 0.16 | 8.2 | 0.36 | Maximum Detected | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte10ft | cadmium | mg/kg | 29 | 69 | 42 | 0.0888 | 0.454 | 0.165 | 0.0842 | 0.0883 | 0.0883 | 0.136 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | chrysene | mg/kg | 44 | 69 | 64 | 0.0013 | 4.9 | 0.294 | 0.973 | 0.0012 | 0.0012 | 0.602 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | cobalt | mg/kg | 69 | 69 | 100 | 5.72 | 15.1 | 10.83 | 1.761 | -- | -- | 11.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte10ft | copper | mg/kg | 69 | 69 | 100 | 10.3 | 38 | 21.38 | 4.692 | -- | -- | 22.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 8 | 69 | 12 | 0.0012 | 0.062 | 0.0169 | 0.0222 | 0.0007 | 0.13 | 0.00507 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 27 | 69 | 39 | 0.0012 | 0.22 | 0.0263 | 0.0456 | 0.0009 | 0.17 | 0.0278 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | lead | mg/kg | 69 | 69 | 100 | 2.11 | 88.5 | 9.186 | 11.52 | -- | -- | 15.23 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | naphthalene | mg/kg | 18 | 69 | 26 | 0.00057 | 6.1 | 0.656 | 1.84 | 0.00023 | 0.00043 | 0.689 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte10ft | pyrene | mg/kg | 55 | 69 | 80 | 0.0009 | 12 | 0.455 | 2.013 | 0.0008 | 0.0008 | 1.311 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | tetrachloroethene | µg/kg | 19 | 69 | 28 | 0.18 | 3.5 | 0.514 | 0.75 | 0.13 | 29 | 0.37 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | toluene | µg/kg | 20 | 69 | 29 | 0.17 | 120 | 8.31 | 27.74 | 0.11 | 0.16 | 10.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | tph as diesel | mg/kg | 37 | 69 | 54 | 4.9 | 47000 | 2210 | 7911 | 4.8 | 4.8 | 4283 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | tph as gasoline | mg/kg | 12 | 69 | 17 | 0.057 | 1.3 | 0.241 | 0.357 | 0.047 | 0.069 | 0.13 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | tph as motor oil | mg/kg | 38 | 69 | 55 | 9.4 | 72000 | 3581 | 12019 | 7 | 7 | 6751 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 marbella ave | lte10ft | vanadium | mg/kg | 69 | 69 | 100 | 22.6 | 55.1 | 36.54 | 6.582 | -- | -- | 37.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 marbella ave | lte10ft | xylenes, total | µg/kg | 7 | 69 | 10 | 0.28 | 420 | 70.12 | 156.2 | 0.14 | 0.26 | 36.09 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 marbella ave | lte10ft | zinc | mg/kg | 69 | 69 | 100 | 27.6 | 107 | 51.28 | 12.39 | -- | -- | 53.82 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 9 | 67 | 0.29 | 29000 | 6777 | 11139 | 0.093 | 0.099 | 10451 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 9 | 78 | 0.0015 | 41 | 16.14 | 14.23 | 0.0011 | 0.0011 | 21.78 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 9 | 78 | 0.0032 | 69 | 26.72 | 23.84 | 0.0006 | 0.0006 | 36 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 6.14 | 43.6 | 16.05 | 11.93 | -- | -- | 25.95 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | bap teq | mg/kg | 6 | 9 | 67 | 0.00134 | 0.215 | 0.104 | 0.0895 | 0.00053 | 0.103 | 0.136 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | benzene | µg/kg | 6 | 9 | 67 | 0.22 | 12000 | 4181 | 4947 | 0.11 | 0.11 | 5626 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24411 panama ave | gt05lte10ft | chrysene | mg/kg | 5 | 9 | 56 | 0.0081 | 0.88 | 0.43 | 0.311 | 0.0012 | 0.24 | 0.54 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 7.9 | 14.8 | 11.35 | 2.353 | -- | -- | 12.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 11.9 | 30.1 | 22.93 | 6.605 | -- | -- | 27.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 5 | 9 | 56 | 410 | 16000 | 7102 | 6034 | 0.12 | 0.13 | 8600 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.28 | 12.9 | 7.239 | 3.011 | -- | -- | 9.255 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | naphthalene | mg/kg | 8 | 9 | 89 | 0.00061 | 32 | 10.86 | 11.13 | 0.00027 | 0.00027 | 16.54 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | pyrene | mg/kg | 7 | 9 | 78 | 0.0009 | 0.58 | 0.208 | 0.232 | 0.0008 | 0.16 | 0.301 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | thallium | mg/kg | 5 | 8 | 63 | 0.312 | 1.06 | 0.649 | 0.32 | 0.232 | 0.232 | 0.819 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | tph as diesel | mg/kg | 7 | 9 | 78 | 5.9 | 22000 | 9930 | 8103 | 4.8 | 4.8 | 13111 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 6 | 9 | 67 | 0.11 | 3300 | 1655 | 1196 | 0.049 | 0.049 | 2167 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 9 | 89 | 11 | 19000 | 7338 | 7109 | 7 | 7 | 10949 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 30.7 | 48.8 | 39.13 | 6.575 | -- | -- | 43.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 33.8 | 69.1 | 53.55 | 12.4 | -- | -- | 61.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 21 | 29 | 0.17 | 0.65 | 0.438 | 0.185 | 0.099 | 0.62 | 0.45 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 21 | 71 | 0.0022 | 0.12 | 0.0235 | 0.0283 | 0.0006 | 0.012 | 0.0289 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 3.38 | 8.04 | 6.043 | 1.273 | -- | -- | 6.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte02ft | bap teq | mg/kg | 20 | 21 | 95 | 0.000983 | 0.224 | 0.0425 | 0.0491 | 0.00053 | 0.00053 | 0.087 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte02ft | benzene | µg/kg | 16 | 21 | 76 | 0.12 | 0.9 | 0.241 | 0.199 | 0.11 | 0.14 | 0.292 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 18 | 21 | 86 | 0.0019 | 0.43 | 0.0489 | 0.0967 | 0.0007 | 0.013 | 0.129 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 21 | 86 | 0.0028 | 0.14 | 0.0333 | 0.0315 | 0.0005 | 0.0005 | 0.042 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 21 | 86 | 0.0012 | 0.072 | 0.0195 | 0.0185 | 0.0004 | 0.007 | 0.0247 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 21 | 33 | 0.0022 | 0.037 | 0.0147 | 0.0137 | 0.0011 | 0.023 | 0.0127 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte02ft | chrysene | mg/kg | 20 | 21 | 95 | 0.0038 | 0.97 | 0.113 | 0.209 | 0.0012 | 0.0012 | 0.303 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 7.12 | 13.1 | 9.666 | 1.581 | -- | -- | 10.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 11.4 | 92.6 | 25.97 | 21.66 | -- | -- | 47.63 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 21 | 29 | 0.002 | 0.051 | 0.0163 | 0.0185 | 0.0007 | 0.013 | 0.0132 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 21 | 52 | 0.0019 | 0.041 | 0.0191 | 0.013 | 0.0009 | 0.017 | 0.0173 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 7.17 | 81.9 | 24.07 | 23.54 | -- | -- | 47.61 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte02ft | pyrene | mg/kg | 20 | 21 | 95 | 0.0032 | 0.81 | 0.0881 | 0.177 | 0.0008 | 0.0008 | 0.249 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 panama ave | lte02ft | toluene | µg/kg | 16 | 21 | 76 | 0.13 | 1.8 | 0.399 | 0.434 | 0.13 | 0.54 | 0.497 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24411 panama ave | lte02ft | tph as diesel | mg/kg | 20 | 21 | 95 | 7.8 | 620 | 200.4 | 161.6 | 4.8 | 4.8 | 252.7 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte02ft | tph as gasoline | mg/kg | 8 | 21 | 38 | 0.065 | 0.64 | 0.221 | 0.202 | 0.045 | 0.062 | 0.181 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte02ft | tph as motor oil | mg/kg | 20 | 21 | 95 | 18 | 2600 | 598.3 | 582.1 | 7 | 7 | 1124 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 24.6 | 40.7 | 34.07 | 4.038 | -- | -- | 35.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte02ft | xylenes, total | µg/kg | 5 | 21 | 24 | 0.25 | 0.6 | 0.38 | 0.142 | 0.16 | 0.58 | 0.365 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 31.8 | 288 | 81.77 | 72.48 | -- | -- | 154.3 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 32 | 34 | 0.16 | 27000 | 4293 | 9625 | 0.095 | 0.62 | 6126 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 32 | 19 | 0.0013 | 18 | 6.778 | 8.102 | 0.0011 | 0.021 | 3.215 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 32 | 69 | 0.0022 | 28 | 2.979 | 8.041 | 0.0006 | 0.012 | 7.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte05ft | arsenic | mg/kg | 29 | 29 | 100 | 3.38 | 10.3 | 6.546 | 1.73 | -- | -- | 7.093 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte05ft | bap teq | mg/kg | 28 | 32 | 88 | 0.000538 | 0.224 | 0.0435 | 0.046 | 0.00053 | 0.00053 | 0.073 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte05ft | benzene | µg/kg | 25 | 32 | 78 | 0.12 | 7000 | 343.8 | 1415 | 0.11 | 0.15 | 1239 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 22 | 32 | 69 | 0.0019 | 0.43 | 0.0433 | 0.0879 | 0.0007 | 0.13 | 0.0901 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 22 | 32 | 69 | 0.0028 | 0.14 | 0.0308 | 0.0291 | 0.0005 | 0.099 | 0.0325 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 21 | 32 | 66 | 0.0012 | 0.072 | 0.0185 | 0.0173 | 0.0004 | 0.07 | 0.0187 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 32 | 22 | 0.0022 | 0.037 | 0.0147 | 0.0137 | 0.0007 | 0.23 | 0.0112 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte05ft | chrysene | mg/kg | 28 | 32 | 88 | 0.0014 | 0.97 | 0.123 | 0.186 | 0.0012 | 0.0012 | 0.245 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte05ft | cobalt | mg/kg | 29 | 29 | 100 | 6.46 | 13.9 | 9.996 | 1.868 | -- | -- | 10.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte05ft | copper | mg/kg | 29 | 29 | 100 | 11.4 | 92.6 | 23.95 | 17.82 | -- | -- | 29.89 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 32 | 25 | 0.0017 | 0.051 | 0.0129 | 0.0169 | 0.0007 | 0.13 | 0.00831 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte05ft | ethylbenzene | µg/kg | 6 | 32 | 19 | 0.14 | 13000 | 3645 | 5715 | 0.12 | 0.19 | 1560 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 32 | 38 | 0.0019 | 0.041 | 0.0177 | 0.0134 | 0.0009 | 0.17 | 0.0136 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte05ft | lead | mg/kg | 29 | 29 | 100 | 6.36 | 81.9 | 18.93 | 20.28 | -- | -- | 35.35 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte05ft | naphthalene | mg/kg | 11 | 32 | 34 | 0.00079 | 12 | 3.104 | 5.292 | 0.00026 | 0.00085 | 3.738 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte05ft | pyrene | mg/kg | 28 | 32 | 88 | 0.0011 | 0.81 | 0.0969 | 0.158 | 0.0008 | 0.082 | 0.202 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte05ft | thallium | mg/kg | 5 | 29 | 17 | 0.238 | 0.585 | 0.368 | 0.131 | 0.232 | 0.232 | 0.364 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte05ft | toluene | µg/kg | 23 | 32 | 72 | 0.13 | 2600 | 150.9 | 561.1 | 0.12 | 0.54 | 478.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte05ft | tph as diesel | mg/kg | 27 | 32 | 84 | 7.8 | 14000 | 1465 | 3443 | 4.8 | 4.8 | 3709 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 panama ave | lte05ft | tph as gasoline | mg/kg | 16 | 32 | 50 | 0.058 | 3500 | 400.8 | 991.5 | 0.045 | 0.062 | 763.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24411 panama ave | lte05ft | tph as motor oil | mg/kg | 28 | 32 | 88 | 14 | 11000 | 1491 | 2528 | 7 | 7 | 3168 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 panama ave | lte05ft | vanadium | mg/kg | 29 | 29 | 100 | 24.6 | 49.2 | 35.21 | 5.235 | -- | -- | 36.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte05ft | xylenes, total | µg/kg | 12 | 32 | 38 | 0.18 | 49000 | 6626 | 15881 | 0.16 | 0.58 | 10411 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte05ft | zinc | mg/kg | 29 | 29 | 100 | 31.8 | 288 | 70.28 | 60.47 | -- | -- | 119.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 41 | 41 | 0.16 | 29000 | 5170 | 9908 | 0.093 | 0.62 | 6840 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 41 | 17 | 34 | 10000 | 3865 | 3911 | 0.079 | 200 | 2229 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 13 | 41 | 32 | 0.0013 | 41 | 11.82 | 12.34 | 0.0011 | 0.021 | 9.877 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 29 | 41 | 71 | 0.0022 | 69 | 8.708 | 16.65 | 0.0006 | 0.012 | 16.08 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 3.38 | 43.6 | 8.601 | 6.763 | -- | -- | 10.6 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | bap teq | mg/kg | 34 | 41 | 83 | 0.000538 | 0.224 | 0.0541 | 0.059 | 0.00053 | 0.103 | 0.0846 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte10ft | benzene | µg/kg | 31 | 41 | 76 | 0.12 | 12000 | 1086 | 2838 | 0.11 | 0.15 | 2532 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 23 | 41 | 56 | 0.0019 | 0.43 | 0.0415 | 0.0863 | 0.0007 | 0.31 | 0.0734 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 24 | 41 | 59 | 0.001 | 0.14 | 0.0285 | 0.029 | 0.0005 | 0.2 | 0.0276 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 41 | 56 | 0.0008 | 0.072 | 0.0171 | 0.0172 | 0.0004 | 0.2 | 0.0162 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 41 | 20 | 0.0022 | 0.037 | 0.0132 | 0.0134 | 0.0007 | 0.45 | 0.00861 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte10ft | chrysene | mg/kg | 33 | 41 | 80 | 0.0014 | 0.97 | 0.169 | 0.232 | 0.0012 | 0.24 | 0.287 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 6.46 | 14.8 | 10.29 | 2.027 | -- | -- | 10.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 11.4 | 92.6 | 23.73 | 15.98 | -- | -- | 28.4 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 8 | 41 | 20 | 0.0017 | 0.051 | 0.0129 | 0.0169 | 0.0007 | 0.27 | 0.00746 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte10ft | ethylbenzene | µg/kg | 11 | 41 | 27 | 0.14 | 16000 | 5216 | 5844 | 0.12 | 0.19 | 2419 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 41 | 32 | 0.0019 | 0.041 | 0.0165 | 0.0135 | 0.0009 | 0.35 | 0.012 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 4.28 | 81.9 | 16.4 | 18.59 | -- | -- | 29.72 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | naphthalene | mg/kg | 19 | 41 | 46 | 0.00061 | 32 | 6.371 | 8.9 | 0.00026 | 0.00085 | 7.637 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | pyrene | mg/kg | 35 | 41 | 85 | 0.0009 | 0.81 | 0.119 | 0.177 | 0.0008 | 0.16 | 0.218 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24411 panama ave | lte10ft | thallium | mg/kg | 10 | 37 | 27 | 0.238 | 1.06 | 0.508 | 0.274 | 0.232 | 0.232 | 0.396 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte10ft | toluene | µg/kg | 27 | 41 | 66 | 0.13 | 2600 | 200 | 608.5 | 0.12 | 180 | 474.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | tph as diesel | mg/kg | 34 | 41 | 83 | 5.9 | 22000 | 3208 | 5775 | 4.8 | 4.8 | 6337 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 panama ave | lte10ft | tph as gasoline | mg/kg | 22 | 41 | 54 | 0.058 | 3500 | 742.8 | 1170 | 0.045 | 0.062 | 1037 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | tph as motor oil | mg/kg | 36 | 41 | 88 | 11 | 19000 | 2790 | 4595 | 7 | 7 | 5449 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24411 panama ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 24.6 | 49.2 | 36.06 | 5.691 | -- | -- | 37.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24411 panama ave | lte10ft | xylenes, total | µg/kg | 16 | 41 | 39 | 0.18 | 49000 | 6469 | 13730 | 0.16 | 200 | 8771 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24411 panama ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 31.8 | 288 | 66.66 | 54.06 | -- | -- | 82.47 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 15 | 40 | 0.13 | 1.7 | 0.575 | 0.604 | 0.095 | 0.56 | 0.558 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 15 | 53 | 0.0017 | 0.55 | 0.088 | 0.19 | 0.0021 | 0.02 | 0.213 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 15 | 73 | 0.0029 | 0.88 | 0.097 | 0.261 | 0.0024 | 0.018 | 0.328 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte02ft | arsenic | mg/kg | 15 | 15 | 100 | 0.632 | 9.08 | 3.97 | 1.847 | -- | -- | 4.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | bap teq | mg/kg | 15 | 15 | 100 | 0.00424 | 0.108 | 0.0334 | 0.0288 | -- | -- | 0.0528 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte02ft | benzene | µg/kg | 10 | 15 | 67 | 0.14 | 1.4 | 0.399 | 0.374 | 0.11 | 0.14 | 0.471 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 15 | 93 | 0.0028 | 0.052 | 0.0199 | 0.0168 | 0.0033 | 0.0033 | 0.0264 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 15 | 100 | 0.0028 | 0.1 | 0.027 | 0.0259 | -- | -- | 0.0438 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 15 | 60 | 0.0025 | 0.055 | 0.0177 | 0.0171 | 0.0004 | 0.01 | 0.0187 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 15 | 47 | 0.0031 | 0.047 | 0.0177 | 0.0157 | 0.0011 | 0.014 | 0.0175 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | cadmium | mg/kg | 10 | 15 | 67 | 0.105 | 1.68 | 0.604 | 0.524 | 0.0883 | 0.0883 | 0.662 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | chrysene | mg/kg | 15 | 15 | 100 | 0.0051 | 0.13 | 0.0505 | 0.0423 | -- | -- | 0.0795 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte02ft | cobalt | mg/kg | 15 | 15 | 100 | 7.8 | 13.1 | 10.54 | 1.498 | -- | -- | 11.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | copper | mg/kg | 15 | 15 | 100 | 10.4 | 1190 | 152.2 | 342.7 | -- | -- | 538 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 15 | 53 | 0.0012 | 0.0085 | 0.00478 | 0.00247 | 0.0007 | 0.01 | 0.00522 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 15 | 53 | 0.0023 | 0.02 | 0.0119 | 0.00612 | 0.0009 | 0.0087 | 0.0128 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | lead | mg/kg | 15 | 15 | 100 | 8.33 | 87 | 26.42 | 26.19 | -- | -- | 55.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte02ft | naphthalene | mg/kg | 10 | 15 | 67 | 0.0015 | 0.41 | 0.0491 | 0.127 | 0.00027 | 0.00078 | 0.153 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 marbella ave | lte02ft | pyrene | mg/kg | 15 | 15 | 100 | 0.0051 | 0.17 | 0.0441 | 0.0464 | -- | -- | 0.0729 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte02ft | toluene | µg/kg | 9 | 15 | 60 | 0.16 | 1.9 | 0.628 | 0.57 | 0.12 | 0.5 | 0.671 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte02ft | tph as diesel | mg/kg | 15 | 15 | 100 | 15 | 2200 | 427.1 | 683.1 | -- | -- | 856.6 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 marbella ave | lte02ft | tph as gasoline | mg/kg | 5 | 15 | 33 | 0.1 | 0.71 | 0.356 | 0.282 | 0.05 | 0.066 | 0.336 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | tph as motor oil | mg/kg | 15 | 15 | 100 | 70 | 3400 | 813.3 | 953.2 | -- | -- | 1399 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte02ft | vanadium | mg/kg | 15 | 15 | 100 | 27.1 | 44.8 | 36.59 | 4.883 | -- | -- | 38.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | xylenes, total | µg/kg | 8 | 15 | 53 | 0.18 | 0.44 | 0.279 | 0.081 | 0.16 | 0.21 | 0.284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte02ft | zinc | mg/kg | 15 | 15 | 100 | 33.4 | 477 | 108.9 | 115.9 | -- | -- | 239.3 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 24 | 42 | 0.13 | 2800 | 284.8 | 883.8 | 0.095 | 9.5 | 643.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24412 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 24 | 58 | 0.0017 | 25 | 4.46 | 8.502 | 0.0011 | 0.02 | 5.269 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 24 | 79 | 0.0014 | 31 | 4.559 | 10.32 | 0.0006 | 0.018 | 11.96 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 0.632 | 14.9 | 4.406 | 2.951 | -- | -- | 5.504 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte05ft | bap teq | mg/kg | 21 | 24 | 88 | 0.00424 | 0.152 | 0.0387 | 0.0362 | 0.00053 | 0.208 | 0.0512 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte05ft | benzene | µg/kg | 16 | 24 | 67 | 0.12 | 950 | 59.7 | 237.4 | 0.11 | 11 | 214.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 24 | 75 | 0.0028 | 0.25 | 0.0344 | 0.0566 | 0.0007 | 0.26 | 0.0749 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 24 | 79 | 0.0028 | 0.11 | 0.0324 | 0.0298 | 0.0005 | 0.2 | 0.039 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 12 | 24 | 50 | 0.0025 | 0.055 | 0.0208 | 0.0177 | 0.0004 | 0.14 | 0.0188 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 24 | 38 | 0.0031 | 0.047 | 0.016 | 0.0141 | 0.0011 | 0.45 | 0.0139 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte05ft | cadmium | mg/kg | 14 | 24 | 58 | 0.105 | 1.68 | 0.48 | 0.481 | 0.0883 | 0.135 | 0.475 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 24 | 25 | 0.039 | 0.27 | 0.135 | 0.0891 | 0.22 | 0.22 | 0.164 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte05ft | chrysene | mg/kg | 21 | 24 | 88 | 0.0051 | 0.59 | 0.105 | 0.151 | 0.0012 | 0.47 | 0.224 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 7.8 | 14.9 | 11.3 | 1.947 | -- | -- | 11.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 10.4 | 1190 | 104.5 | 274.8 | -- | -- | 349 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 24 | 38 | 0.0012 | 0.0085 | 0.00508 | 0.00248 | 0.0007 | 0.27 | 0.00509 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte05ft | ethylbenzene | µg/kg | 6 | 24 | 25 | 0.14 | 5000 | 1092 | 1992 | 0.13 | 0.19 | 665.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 24 | 42 | 0.0023 | 0.02 | 0.0109 | 0.00581 | 0.0009 | 0.35 | 0.0102 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 7.05 | 87 | 20.05 | 22.24 | -- | -- | 39.84 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte05ft | naphthalene | mg/kg | 16 | 24 | 67 | 0.0015 | 26 | 3.308 | 7.394 | 0.00027 | 0.00078 | 7.765 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte05ft | pyrene | mg/kg | 20 | 24 | 83 | 0.0051 | 0.81 | 0.129 | 0.217 | 0.0008 | 0.33 | 0.291 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte05ft | toluene | µg/kg | 15 | 24 | 63 | 0.13 | 170 | 11.83 | 43.76 | 0.12 | 12 | 38.67 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte05ft | tph as diesel | mg/kg | 22 | 24 | 92 | 15 | 20000 | 2497 | 5762 | 4.8 | 4.8 | 7238 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 marbella ave | lte05ft | tph as gasoline | mg/kg | 11 | 24 | 46 | 0.1 | 3000 | 415.1 | 917.5 | 0.05 | 0.066 | 775.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte05ft | tph as motor oil | mg/kg | 22 | 24 | 92 | 70 | 21000 | 2834 | 5824 | 7 | 7 | 7613 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 marbella ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 27.1 | 58.7 | 38.02 | 6.389 | -- | -- | 40.28 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte05ft | xylenes, total | µg/kg | 13 | 24 | 54 | 0.18 | 1100 | 88.04 | 304.2 | 0.16 | 16 | 251.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 33.4 | 477 | 87.49 | 95.32 | -- | -- | 172.3 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 31 | 39 | 0.13 | 27000 | 2518 | 7751 | 0.095 | 9.6 | 4881 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 19 | 31 | 61 | 0.0017 | 25 | 5.067 | 7.927 | 0.0011 | 0.02 | 5.304 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 31 | 81 | 0.0011 | 31 | 5.693 | 10.63 | 0.0006 | 0.018 | 12.28 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | arsenic | mg/kg | 31 | 31 | 100 | 0.632 | 14.9 | 4.62 | 2.756 | -- | -- | 5.531 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte10ft | bap teq | mg/kg | 25 | 31 | 81 | 0.00424 | 0.152 | 0.0416 | 0.0371 | 0.00053 | 0.208 | 0.0463 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte10ft | benzene | µg/kg | 19 | 31 | 61 | 0.12 | 5400 | 347.2 | 1243 | 0.11 | 11 | 986.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 21 | 31 | 68 | 0.0028 | 0.25 | 0.0403 | 0.0547 | 0.0007 | 0.26 | 0.0453 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 22 | 31 | 71 | 0.0028 | 0.11 | 0.0354 | 0.0309 | 0.0005 | 0.2 | 0.0361 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 15 | 31 | 48 | 0.0025 | 0.055 | 0.0225 | 0.0169 | 0.0004 | 0.14 | 0.018 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 31 | 29 | 0.0031 | 0.047 | 0.016 | 0.0141 | 0.0011 | 0.45 | 0.0118 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte10ft | cadmium | mg/kg | 16 | 31 | 52 | 0.105 | 1.68 | 0.439 | 0.462 | 0.0883 | 0.135 | 0.391 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 31 | 23 | 0.039 | 0.27 | 0.142 | 0.084 | 0.22 | 0.22 | 0.172 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte10ft | chrysene | mg/kg | 25 | 31 | 81 | 0.0051 | 0.59 | 0.131 | 0.161 | 0.0012 | 0.47 | 0.229 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte10ft | cobalt | mg/kg | 31 | 31 | 100 | 7.8 | 31.3 | 12.01 | 4.148 | -- | -- | 13.36 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | copper | mg/kg | 31 | 31 | 100 | 10.4 | 1190 | 88.46 | 242.8 | -- | -- | 278.6 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 31 | 29 | 0.0012 | 0.0085 | 0.00508 | 0.00248 | 0.0007 | 0.27 | 0.00507 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte10ft | ethylbenzene | µg/kg | 11 | 31 | 35 | 0.14 | 11000 | 3072 | 4362 | 0.13 | 0.19 | 2011 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 31 | 32 | 0.0023 | 0.02 | 0.0109 | 0.00581 | 0.0009 | 0.35 | 0.00945 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 marbella ave | lte10ft | lead | mg/kg | 31 | 31 | 100 | 6.33 | 87 | 17.87 | 20.04 | -- | -- | 33.56 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | naphthalene | mg/kg | 21 | 31 | 68 | 0.0015 | 26 | 4.323 | 7.395 | 0.00027 | 0.00078 | 7.962 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | pyrene | mg/kg | 24 | 31 | 77 | 0.0051 | 0.81 | 0.181 | 0.268 | 0.0008 | 0.33 | 0.336 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 marbella ave | lte10ft | toluene | µg/kg | 18 | 31 | 58 | 0.13 | 170 | 27.65 | 62.47 | 0.12 | 12 | 54.96 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | tph as diesel | mg/kg | 26 | 31 | 84 | 15 | 20000 | 3232 | 5795 | 4.8 | 4.8 | 6974 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 marbella ave | lte10ft | tph as gasoline | mg/kg | 16 | 31 | 52 | 0.1 | 3400 | 692 | 1144 | 0.05 | 0.071 | 1059 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | tph as motor oil | mg/kg | 26 | 31 | 84 | 70 | 21000 | 3613 | 5972 | 7 | 7 | 7448 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 marbella ave | lte10ft | vanadium | mg/kg | 31 | 31 | 100 | 27.1 | 61.9 | 39.94 | 7.53 | -- | -- | 42.26 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 marbella ave | lte10ft | xylenes, total | µg/kg | 16 | 31 | 52 | 0.18 | 28000 | 1853 | 6979 | 0.16 | 17 | 4952 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 marbella ave | lte10ft | zinc | mg/kg | 31 | 31 | 100 | 33.4 | 477 | 79.85 | 84.78 | -- | -- | 146.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 14 | 93 | 0.28 | 34 | 10.07 | 12.37 | 0.1 | 0.1 | 23.59 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 14 | 79 | 0.17 | 14 | 1.694 | 4.09 | 0.078 | 0.084 | 5.659 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 12 | 14 | 86 | 0.0032 | 2.8 | 0.617 | 1.065 | 0.0054 | 0.0054 | 1.707 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.0052 | 4.1 | 0.785 | 1.44 | 0.003 | 0.003 | 2.363 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24412 ravenna ave | gt05lte10ft | arsenic | mg/kg | 14 | 14 | 100 | 6.36 | 21.1 | 9.555 | 3.591 | -- | -- | 11.38 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | gt05lte10ft | bap teq | mg/kg | 14 | 14 | 100 | 0.000933 | 0.192 | 0.0464 | 0.0625 | -- | -- | 0.0908 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | benzene | µg/kg | 13 | 14 | 93 | 0.11 | 3.7 | 0.97 | 1.149 | 12 | 12 | 2.359 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 12 | 14 | 86 | 0.0007 | 0.12 | 0.0312 | 0.038 | 0.0033 | 0.013 | 0.0699 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 12 | 14 | 86 | 0.0006 | 0.17 | 0.0439 | 0.0569 | 0.0025 | 0.012 | 0.102 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 14 | 86 | 0.0028 | 0.095 | 0.0176 | 0.0252 | 0.0004 | 0.007 | 0.0434 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | chrysene | mg/kg | 14 | 14 | 100 | 0.0024 | 0.53 | 0.15 | 0.171 | -- | -- | 0.281 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | cobalt | mg/kg | 14 | 14 | 100 | 9.14 | 11.7 | 10.6 | 0.944 | -- | -- | 11.08 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | copper | mg/kg | 14 | 14 | 100 | 10.8 | 21.7 | 17.75 | 3.113 | -- | -- | 19.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 14 | 14 | 100 | 0.23 | 130 | 20.76 | 38.97 | -- | -- | 56.1 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | lead | mg/kg | 14 | 14 | 100 | 5.56 | 10.7 | 7.35 | 1.432 | -- | -- | 8.028 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 14 | 14 | 100 | 0.0016 | 1.3 | 0.253 | 0.423 | -- | -- | 0.746 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0021 | 2.2 | 0.453 | 0.717 | -- | -- | 1.205 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | toluene | µg/kg | 12 | 14 | 86 | 0.17 | 24 | 2.308 | 6.832 | 0.12 | 0.13 | 9.427 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 12 | 14 | 86 | 17 | 12000 | 2835 | 3689 | 4.8 | 4.8 | 6589 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 14 | 14 | 100 | 0.13 | 430 | 53.24 | 134.5 | -- | -- | 210 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 12 | 14 | 86 | 42 | 18000 | 4007 | 5358 | 7 | 7 | 9461 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | vanadium | mg/kg | 14 | 14 | 100 | 35.2 | 45.9 | 41.06 | 3.58 | -- | -- | 42.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 13 | 14 | 93 | 0.53 | 42 | 5.332 | 11.26 | 0.17 | 0.17 | 17.72 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | gt05lte10ft | zinc | mg/kg | 14 | 14 | 100 | 34 | 52.5 | 42.67 | 5.402 | -- | -- | 45.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 24 | 21 | 0.17 | 2100 | 420.4 | 938.9 | 0.092 | 0.15 | 505.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 24 | 21 | 0.0049 | 7.1 | 1.455 | 3.156 | 0.0021 | 0.021 | 0.861 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 19 | 24 | 79 | 0.0019 | 11 | 0.611 | 2.517 | 0.003 | 0.012 | 2.489 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 3.48 | 9.5 | 6.469 | 1.703 | -- | -- | 7.065 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | bap teq | mg/kg | 22 | 24 | 92 | 0.00294 | 0.43 | 0.0622 | 0.108 | 0.0103 | 0.103 | 0.151 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | benzene | µg/kg | 16 | 24 | 67 | 0.13 | 0.57 | 0.264 | 0.161 | 0.11 | 11 | 0.277 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 21 | 24 | 88 | 0.0018 | 0.54 | 0.0655 | 0.133 | 0.013 | 0.13 | 0.17 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 20 | 24 | 83 | 0.002 | 0.3 | 0.0493 | 0.0786 | 0.0039 | 0.099 | 0.108 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 24 | 75 | 0.0012 | 0.16 | 0.0286 | 0.0479 | 0.0018 | 0.07 | 0.0608 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | chrysene | mg/kg | 22 | 24 | 92 | 0.0054 | 1.3 | 0.177 | 0.321 | 0.024 | 0.24 | 0.44 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 6.85 | 11.8 | 8.925 | 1.463 | -- | -- | 9.437 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | copper | mg/kg | 24 | 24 | 100 | 9.47 | 23.5 | 14.57 | 3.902 | -- | -- | 15.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 24 | 25 | 0.0037 | 0.087 | 0.0364 | 0.0375 | 0.0013 | 0.13 | 0.0289 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 24 | 25 | 0.0048 | 0.09 | 0.0371 | 0.0364 | 0.0017 | 0.17 | 0.0296 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | lead | mg/kg | 24 | 24 | 100 | 5.15 | 39.5 | 10.42 | 6.782 | -- | -- | 12.41 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte02ft | naphthalene | mg/kg | 15 | 24 | 63 | 0.00048 | 3.7 | 0.265 | 0.951 | 0.00026 | 0.00041 | 0.845 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0024 | 0.91 | 0.158 | 0.248 | -- | -- | 0.279 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte02ft | toluene | µg/kg | 10 | 24 | 42 | 0.21 | 1.5 | 0.512 | 0.393 | 0.12 | 13 | 0.45 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | lte02ft | tph as diesel | mg/kg | 22 | 24 | 92 | 4.9 | 7200 | 789.3 | 1589 | 4.8 | 4.8 | 2092 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | tph as gasoline | mg/kg | 8 | 24 | 33 | 0.053 | 750 | 93.85 | 265.1 | 0.047 | 0.063 | 173.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte02ft | tph as motor oil | mg/kg | 22 | 24 | 92 | 17 | 6500 | 1324 | 1614 | 7 | 7 | 2629 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 24.1 | 45.7 | 34.54 | 5.862 | -- | -- | 36.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte02ft | xylenes, total | µg/kg | 9 | 24 | 38 | 0.19 | 160 | 18.3 | 53.14 | 0.16 | 0.25 | 37.09 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 28 | 88.3 | 42.05 | 11.54 | -- | -- | 45.79 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 27 | 47 | 57 | 0.11 | 11000 | 563.2 | 2149 | 0.092 | 0.15 | 1375 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 47 | 28 | 0.13 | 77 | 7.361 | 21.1 | 0.077 | 8.3 | 9.511 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 23 | 47 | 49 | 0.0018 | 19 | 1.949 | 4.32 | 0.0011 | 0.021 | 2.978 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 40 | 47 | 85 | 0.0011 | 28 | 1.624 | 4.951 | 0.0006 | 0.012 | 4.31 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte05ft | arsenic | mg/kg | 47 | 47 | 100 | 3.48 | 9.97 | 6.46 | 1.584 | -- | -- | 6.848 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte05ft | bap teq | mg/kg | 43 | 47 | 91 | 0.000537 | 0.43 | 0.0632 | 0.101 | 0.00053 | 0.103 | 0.121 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte05ft | benzene | µg/kg | 35 | 47 | 74 | 0.12 | 140 | 7.123 | 25.35 | 0.1 | 12 | 19.39 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 41 | 47 | 87 | 0.0015 | 0.54 | 0.065 | 0.109 | 0.0007 | 0.13 | 0.124 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 39 | 47 | 83 | 0.0009 | 0.32 | 0.0508 | 0.0752 | 0.0005 | 0.099 | 0.0882 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 36 | 47 | 77 | 0.0007 | 0.16 | 0.0259 | 0.0394 | 0.0004 | 0.07 | 0.0436 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 47 | 13 | 0.0082 | 0.088 | 0.0315 | 0.0314 | 0.0011 | 0.23 | 0.0196 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte05ft | chrysene | mg/kg | 43 | 47 | 91 | 0.0013 | 1.4 | 0.203 | 0.314 | 0.0012 | 0.24 | 0.381 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | lte05ft | cobalt | mg/kg | 47 | 47 | 100 | 6.85 | 13.9 | 9.219 | 1.799 | -- | -- | 9.664 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte05ft | copper | mg/kg | 47 | 47 | 100 | 9.46 | 23.5 | 14.25 | 3.795 | -- | -- | 15.2 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 47 | 23 | 0.0037 | 0.087 | 0.0257 | 0.0296 | 0.0007 | 0.13 | 0.0137 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24412 ravenna ave | lte05ft | ethylbenzene | µg/kg | 23 | 47 | 49 | 0.14 | 6600 | 355.9 | 1369 | 0.12 | 0.2 | 413 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 47 | 19 | 0.0011 | 0.09 | 0.0269 | 0.0327 | 0.0009 | 0.17 | 0.0114 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | lte05ft | lead | mg/kg | 47 | 47 | 100 | 4.95 | 39.5 | 8.839 | 5.134 | -- | -- | 10.18 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte05ft | naphthalene | mg/kg | 37 | 47 | 79 | 0.00048 | 12 | 0.656 | 2.087 | 0.00025 | 0.00041 | 1.707 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte05ft | pyrene | mg/kg | 47 | 47 | 100 | 0.0009 | 2.4 | 0.257 | 0.438 | -- | -- | 0.389 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | lte05ft | toluene | µg/kg | 27 | 47 | 57 | 0.13 | 15 | 0.91 | 2.83 | 0.12 | 13 | 1.207 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte05ft | tph as diesel | mg/kg | 43 | 47 | 91 | 4.9 | 7200 | 1034 | 1548 | 4.8 | 4.8 | 1905 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte05ft | tph as gasoline | mg/kg | 30 | 47 | 64 | 0.053 | 1400 | 99.28 | 309.6 | 0.047 | 0.063 | 223.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte05ft | tph as motor oil | mg/kg | 42 | 47 | 89 | 17 | 6500 | 1415 | 1492 | 7 | 7 | 2204 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | lte05ft | vanadium | mg/kg | 47 | 47 | 100 | 24.1 | 48.5 | 35.17 | 5.631 | -- | -- | 36.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte05ft | xylenes, total | µg/kg | 29 | 47 | 62 | 0.19 | 2100 | 83.68 | 389.1 | 0.16 | 0.25 | 247.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte05ft | zinc | mg/kg | 47 | 47 | 100 | 28 | 88.3 | 40.43 | 11.01 | -- | -- | 42.88 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 40 | 61 | 66 | 0.11 | 11000 | 383.4 | 1774 | 0.092 | 0.15 | 1060 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 24 | 61 | 39 | 0.13 | 77 | 4.763 | 15.74 | 0.077 | 8.3 | 7.62 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 35 | 61 | 57 | 0.0018 | 19 | 1.492 | 3.586 | 0.0011 | 0.021 | 2.43 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 53 | 61 | 87 | 0.0011 | 28 | 1.418 | 4.358 | 0.0006 | 0.012 | 3.516 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | arsenic | mg/kg | 61 | 61 | 100 | 3.48 | 21.1 | 7.17 | 2.538 | -- | -- | 7.674 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | lte10ft | bap teq | mg/kg | 57 | 61 | 93 | 0.000537 | 0.43 | 0.0591 | 0.0925 | 0.00053 | 0.103 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte10ft | benzene | µg/kg | 48 | 61 | 79 | 0.11 | 140 | 5.456 | 21.74 | 0.1 | 12 | 15.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 53 | 61 | 87 | 0.0007 | 0.54 | 0.0574 | 0.0986 | 0.0007 | 0.13 | 0.103 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 51 | 61 | 84 | 0.0006 | 0.32 | 0.0492 | 0.0708 | 0.0005 | 0.099 | 0.0793 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 48 | 61 | 79 | 0.0007 | 0.16 | 0.0238 | 0.0363 | 0.0004 | 0.07 | 0.0382 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 61 | 13 | 0.006 | 0.088 | 0.0252 | 0.029 | 0.0011 | 0.23 | 0.0118 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | lte10ft | chrysene | mg/kg | 57 | 61 | 93 | 0.0013 | 1.4 | 0.19 | 0.285 | 0.0012 | 0.24 | 0.334 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24412 ravenna ave | lte10ft | cobalt | mg/kg | 61 | 61 | 100 | 6.85 | 13.9 | 9.536 | 1.737 | -- | -- | 9.909 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | copper | mg/kg | 61 | 61 | 100 | 9.46 | 23.5 | 15.05 | 3.917 | -- | -- | 15.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 61 | 20 | 0.0037 | 0.087 | 0.0239 | 0.0288 | 0.0007 | 0.13 | 0.0114 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte10ft | ethylbenzene | µg/kg | 37 | 61 | 61 | 0.14 | 6600 | 229.1 | 1083 | 0.12 | 0.2 | 614 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 61 | 20 | 0.0011 | 0.09 | 0.0216 | 0.0295 | 0.0009 | 0.17 | 0.0093 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte10ft | lead | mg/kg | 61 | 61 | 100 | 4.95 | 39.5 | 8.497 | 4.588 | -- | -- | 9.546 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | naphthalene | mg/kg | 51 | 61 | 84 | 0.00048 | 12 | 0.546 | 1.793 | 0.00025 | 0.00041 | 1.379 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte10ft | pyrene | mg/kg | 61 | 61 | 100 | 0.0009 | 2.4 | 0.302 | 0.515 | -- | -- | 0.432 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte10ft | toluene | µg/kg | 39 | 61 | 64 | 0.13 | 24 | 1.34 | 4.406 | 0.12 | 13 | 2.905 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | tph as diesel | mg/kg | 55 | 61 | 90 | 4.9 | 12000 | 1427 | 2280 | 4.8 | 4.8 | 2519 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24412 ravenna ave | lte10ft | tph as gasoline | mg/kg | 44 | 61 | 72 | 0.053 | 1400 | 84.63 | 265.7 | 0.047 | 0.063 | 188.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | tph as motor oil | mg/kg | 54 | 61 | 89 | 17 | 18000 | 1991 | 2977 | 7 | 7 | 3367 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24412 ravenna ave | lte10ft | vanadium | mg/kg | 61 | 61 | 100 | 24.1 | 48.5 | 36.52 | 5.771 | -- | -- | 37.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24412 ravenna ave | lte10ft | xylenes, total | µg/kg | 42 | 61 | 69 | 0.19 | 2100 | 59.43 | 323.7 | 0.16 | 0.25 | 191.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24412 ravenna ave | lte10ft | zinc | mg/kg | 61 | 61 | 100 | 28 | 88.3 | 40.95 | 10.01 | -- | -- | 42.91 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 12 | 50 | 0.11 | 0.44 | 0.233 | 0.139 | 0.09 | 0.11 | 0.243 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.002 | 0.044 | 0.015 | 0.013 | 0.012 | 0.024 | 0.0203 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte02ft | antimony | mg/kg | 7 | 12 | 58 | 0.324 | 0.81 | 0.499 | 0.18 | 0.306 | 0.306 | 0.517 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 1.76 | 4.3 | 2.914 | 0.803 | -- | -- | 3.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00491 | 0.0888 | 0.0212 | 0.0225 | -- | -- | 0.0338 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte02ft | benzene | µg/kg | 7 | 12 | 58 | 0.14 | 0.46 | 0.239 | 0.119 | 0.1 | 0.12 | 0.253 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 12 | 75 | 0.0029 | 0.038 | 0.0129 | 0.0108 | 0.013 | 0.013 | 0.0164 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.0036 | 0.07 | 0.0157 | 0.0179 | -- | -- | 0.0256 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 12 | 75 | 0.0022 | 0.034 | 0.0101 | 0.0102 | 0.007 | 0.007 | 0.013 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte02ft | cadmium | mg/kg | 6 | 12 | 50 | 0.0976 | 2.05 | 0.62 | 0.779 | 0.0883 | 0.0883 | 0.681 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte02ft | chrysene | mg/kg | 11 | 12 | 92 | 0.011 | 0.13 | 0.0333 | 0.0333 | 0.024 | 0.024 | 0.0725 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 neptune ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 7.34 | 10.6 | 9.259 | 1.069 | -- | -- | 9.813 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 12.4 | 40.8 | 20.73 | 8.325 | -- | -- | 25.24 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 12 | 42 | 0.0014 | 0.0085 | 0.00404 | 0.00302 | 0.0034 | 0.027 | 0.00532 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 12 | 58 | 0.0015 | 0.035 | 0.01 | 0.0116 | 0.0043 | 0.017 | 0.0137 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 6.12 | 59.1 | 16.71 | 15.01 | -- | -- | 25.64 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte02ft | naphthalene | mg/kg | 10 | 12 | 83 | 0.0013 | 0.13 | 0.0563 | 0.0532 | 0.00027 | 0.0003 | 0.114 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte02ft | pyrene | mg/kg | 10 | 12 | 83 | 0.005 | 0.13 | 0.028 | 0.0368 | 0.016 | 0.016 | 0.0682 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte02ft | toluene | µg/kg | 7 | 12 | 58 | 0.13 | 0.74 | 0.353 | 0.239 | 0.12 | 0.13 | 0.373 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte02ft | tph as diesel | mg/kg | 11 | 12 | 92 | 6.9 | 540 | 89 | 152.2 | 4.8 | 4.8 | 267.9 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24413 neptune ave | lte02ft | tph as gasoline | mg/kg | 5 | 12 | 42 | 0.053 | 1.2 | 0.485 | 0.566 | 0.049 | 0.057 | 0.459 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 11 | 1600 | 246.7 | 436.1 | -- | -- | 540.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 23.7 | 42 | 30.45 | 4.719 | -- | -- | 32.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 37.8 | 140 | 66.4 | 33.4 | -- | -- | 85.01 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 18 | 39 | 0.11 | 0.44 | 0.231 | 0.127 | 0.09 | 9.4 | 0.224 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 18 | 56 | 0.0013 | 12 | 1.239 | 3.782 | 0.0011 | 0.043 | 3.662 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 18 | 89 | 0.002 | 17 | 1.1 | 4.241 | 0.012 | 0.024 | 5.103 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte05ft | antimony | mg/kg | 9 | 18 | 50 | 0.324 | 0.81 | 0.477 | 0.162 | 0.306 | 0.306 | 0.463 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte05ft | arsenic | mg/kg | 18 | 18 | 100 | 1.14 | 6.26 | 2.958 | 1.187 | -- | -- | 3.444 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte05ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00141 | 0.384 | 0.0497 | 0.0968 | -- | -- | 0.149 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte05ft | benzene | µg/kg | 10 | 18 | 56 | 0.14 | 15 | 1.704 | 4.673 | 0.1 | 0.12 | 4.685 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 14 | 18 | 78 | 0.0013 | 0.41 | 0.0409 | 0.107 | 0.013 | 0.26 | 0.131 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 18 | 94 | 0.001 | 0.28 | 0.0295 | 0.0664 | 0.2 | 0.2 | 0.0953 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 18 | 72 | 0.0007 | 0.12 | 0.0178 | 0.0319 | 0.0004 | 0.14 | 0.0445 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte05ft | cadmium | mg/kg | 6 | 18 | 33 | 0.0976 | 2.05 | 0.62 | 0.779 | 0.0883 | 0.0883 | 0.487 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte05ft | chrysene | mg/kg | 17 | 18 | 94 | 0.0038 | 0.94 | 0.119 | 0.254 | 0.024 | 0.024 | 0.368 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte05ft | cobalt | mg/kg | 18 | 18 | 100 | 7.34 | 11.7 | 9.149 | 1.253 | -- | -- | 9.663 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte05ft | copper | mg/kg | 18 | 18 | 100 | 8.53 | 40.8 | 18.18 | 7.878 | -- | -- | 21.46 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 7 | 18 | 39 | 0.0014 | 0.083 | 0.0156 | 0.0298 | 0.0007 | 0.27 | 0.0179 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 18 | 50 | 0.0015 | 0.076 | 0.0169 | 0.0244 | 0.0009 | 0.35 | 0.0183 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte05ft | lead | mg/kg | 18 | 18 | 100 | 5.88 | 59.1 | 13.79 | 12.82 | -- | -- | 26.96 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte05ft | naphthalene | mg/kg | 16 | 18 | 89 | 0.0013 | 6.5 | 0.464 | 1.611 | 0.00027 | 0.0003 | 1.981 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte05ft | pyrene | mg/kg | 16 | 18 | 89 | 0.005 | 0.71 | 0.104 | 0.216 | 0.016 | 0.016 | 0.305 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte05ft | toluene | µg/kg | 9 | 18 | 50 | 0.13 | 17 | 2.178 | 5.563 | 0.12 | 0.13 | 5.346 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte05ft | tph as diesel | mg/kg | 15 | 18 | 83 | 6.9 | 8800 | 747.1 | 2253 | 4.8 | 4.8 | 2757 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte05ft | tph as gasoline | mg/kg | 8 | 18 | 44 | 0.05 | 360 | 45.36 | 127.1 | 0.047 | 0.057 | 110.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte05ft | tph as motor oil | mg/kg | 16 | 18 | 89 | 11 | 9500 | 927.5 | 2363 | 7 | 7 | 3135 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte05ft | vanadium | mg/kg | 18 | 18 | 100 | 23.7 | 42 | 30.78 | 5.033 | -- | -- | 32.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte05ft | zinc | mg/kg | 18 | 18 | 100 | 25.4 | 140 | 56.46 | 30.79 | -- | -- | 69.63 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 24 | 46 | 0.11 | 8800 | 800.2 | 2653 | 0.09 | 10 | 2008 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 16 | 24 | 67 | 0.0013 | 12 | 2.118 | 3.577 | 0.0011 | 0.043 | 4.169 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 22 | 24 | 92 | 0.002 | 17 | 2.25 | 4.652 | 0.012 | 0.024 | 6.066 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte10ft | antimony | mg/kg | 11 | 24 | 46 | 0.324 | 0.81 | 0.486 | 0.151 | 0.306 | 0.306 | 0.453 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte10ft | arsenic | mg/kg | 24 | 24 | 100 | 1.14 | 14.8 | 3.789 | 2.895 | -- | -- | 4.786 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte10ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00141 | 0.384 | 0.0701 | 0.101 | -- | -- | 0.16 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte10ft | benzene | µg/kg | 15 | 24 | 63 | 0.12 | 1000 | 118.3 | 305.9 | 0.1 | 0.12 | 295.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 19 | 24 | 79 | 0.0013 | 0.41 | 0.0769 | 0.128 | 0.013 | 0.26 | 0.169 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 24 | 88 | 0.001 | 0.28 | 0.0436 | 0.0752 | 0.099 | 0.2 | 0.104 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 17 | 24 | 71 | 0.0007 | 0.12 | 0.0265 | 0.0388 | 0.0004 | 0.14 | 0.0533 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte10ft | cadmium | mg/kg | 6 | 24 | 25 | 0.0976 | 2.05 | 0.62 | 0.779 | 0.0883 | 0.0883 | 0.39 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte10ft | chrysene | mg/kg | 23 | 24 | 96 | 0.0038 | 0.94 | 0.195 | 0.282 | 0.024 | 0.024 | 0.435 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte10ft | cobalt | mg/kg | 24 | 24 | 100 | 7.32 | 11.7 | 8.878 | 1.221 | -- | -- | 9.305 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte10ft | copper | mg/kg | 24 | 24 | 100 | 8.53 | 40.8 | 17.1 | 7.181 | -- | -- | 19.55 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 24 | 38 | 0.0013 | 0.083 | 0.0155 | 0.0267 | 0.0007 | 0.27 | 0.0151 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte10ft | ethylbenzene | µg/kg | 9 | 24 | 38 | 0.18 | 3700 | 644.4 | 1237 | 0.12 | 0.16 | 530.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 24 | 46 | 0.0015 | 0.076 | 0.0164 | 0.0225 | 0.0009 | 0.35 | 0.017 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 neptune ave | lte10ft | lead | mg/kg | 24 | 24 | 100 | 5.88 | 59.1 | 12.02 | 11.46 | -- | -- | 22.22 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte10ft | naphthalene | mg/kg | 22 | 24 | 92 | 0.0013 | 6.5 | 0.859 | 1.718 | 0.00027 | 0.0003 | 2.267 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte10ft | pyrene | mg/kg | 22 | 24 | 92 | 0.005 | 1.8 | 0.246 | 0.429 | 0.016 | 0.016 | 0.597 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte10ft | toluene | µg/kg | 13 | 24 | 54 | 0.13 | 22 | 3.285 | 7.272 | 0.12 | 12 | 6.821 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte10ft | tph as diesel | mg/kg | 21 | 24 | 88 | 6.9 | 13000 | 1904 | 3765 | 4.8 | 4.8 | 4852 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte10ft | tph as gasoline | mg/kg | 14 | 24 | 58 | 0.05 | 1200 | 174.6 | 354.7 | 0.047 | 0.057 | 355.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte10ft | tph as motor oil | mg/kg | 22 | 24 | 92 | 11 | 16000 | 2149 | 4152 | 7 | 7 | 5548 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 neptune ave | lte10ft | vanadium | mg/kg | 24 | 24 | 100 | 23.7 | 42 | 30.91 | 4.433 | -- | -- | 32.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 neptune ave | lte10ft | xylenes, total | µg/kg | 10 | 24 | 42 | 0.16 | 2800 | 287.6 | 882.9 | 0.16 | 0.2 | 644.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 neptune ave | lte10ft | zinc | mg/kg | 24 | 24 | 100 | 25.4 | 140 | 51.53 | 28.02 | -- | -- | 61.77 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 6 | 13 | 46 | 0.0046 | 0.016 | 0.00803 | 0.00411 | 0.0024 | 0.012 | 0.00852 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | antimony | mg/kg | 12 | 13 | 92 | 0.478 | 1.56 | 0.95 | 0.327 | 0.306 | 0.306 | 1.082 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | arsenic | mg/kg | 13 | 13 | 100 | 3.56 | 11.3 | 6.525 | 1.98 | -- | -- | 7.503 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24413 ravenna ave | lte02ft | bap teq | mg/kg | 12 | 13 | 92 | 0.00265 | 0.0761 | 0.0215 | 0.0216 | 0.00103 | 0.00103 | 0.0459 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte02ft | benzene | µg/kg | 9 | 13 | 69 | 0.14 | 2.4 | 0.636 | 0.722 | 0.11 | 0.12 | 0.798 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 13 | 69 | 0.0042 | 0.037 | 0.0161 | 0.0105 | 0.0013 | 0.013 | 0.0177 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 7 | 13 | 54 | 0.0082 | 0.055 | 0.0245 | 0.015 | 0.001 | 0.0099 | 0.0265 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 13 | 69 | 0.0045 | 0.043 | 0.0153 | 0.0126 | 0.0007 | 0.007 | 0.0176 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte02ft | chrysene | mg/kg | 12 | 13 | 92 | 0.0068 | 0.078 | 0.0367 | 0.0228 | 0.0024 | 0.0024 | 0.046 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | cobalt | mg/kg | 13 | 13 | 100 | 6.49 | 13.5 | 8.552 | 1.842 | -- | -- | 9.485 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte02ft | copper | mg/kg | 13 | 13 | 100 | 7.4 | 53.4 | 21.66 | 13.45 | -- | -- | 29.37 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 ravenna ave | lte02ft | lead | mg/kg | 13 | 13 | 100 | 4.81 | 83.5 | 21.03 | 23.47 | -- | -- | 41.73 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | naphthalene | mg/kg | 6 | 13 | 46 | 0.00033 | 0.01 | 0.00333 | 0.00386 | 0.00027 | 0.00031 | 0.0034 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | pyrene | mg/kg | 11 | 13 | 85 | 0.0052 | 0.13 | 0.0313 | 0.0346 | 0.0016 | 0.0041 | 0.0448 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte02ft | toluene | µg/kg | 8 | 13 | 62 | 0.16 | 2.6 | 0.924 | 0.864 | 0.12 | 0.13 | 1.018 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | tph as diesel | mg/kg | 13 | 13 | 100 | 18 | 340 | 158.4 | 109 | -- | -- | 212.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | tph as gasoline | mg/kg | 6 | 13 | 46 | 0.068 | 0.12 | 0.0865 | 0.0226 | 0.045 | 0.063 | 0.0869 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | tph as motor oil | mg/kg | 13 | 13 | 100 | 39 | 930 | 415.3 | 262.6 | -- | -- | 545.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | vanadium | mg/kg | 13 | 13 | 100 | 20.8 | 57.3 | 31.95 | 9.143 | -- | -- | 36.64 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte02ft | xylenes, total | µg/kg | 5 | 13 | 38 | 0.26 | 1.3 | 0.664 | 0.419 | 0.16 | 0.19 | 0.678 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte02ft | zinc | mg/kg | 13 | 13 | 100 | 23.1 | 188 | 67.75 | 50.89 | -- | -- | 103.7 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 21 | 62 | 0.0025 | 0.031 | 0.0113 | 0.00844 | 0.0024 | 0.012 | 0.0117 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | antimony | mg/kg | 18 | 21 | 86 | 0.478 | 1.56 | 0.952 | 0.331 | 0.306 | 0.306 | 1.016 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | arsenic | mg/kg | 21 | 21 | 100 | 3.56 | 11.3 | 6.055 | 1.816 | -- | -- | 6.738 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | bap teq | mg/kg | 20 | 21 | 95 | 0.00265 | 0.0798 | 0.0265 | 0.0246 | 0.00103 | 0.00103 | 0.0487 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte05ft | benzene | µg/kg | 14 | 21 | 67 | 0.14 | 2.4 | 0.481 | 0.607 | 0.1 | 0.13 | 0.594 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 16 | 21 | 76 | 0.0042 | 0.14 | 0.0298 | 0.0361 | 0.0013 | 0.013 | 0.0555 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 21 | 71 | 0.0037 | 0.055 | 0.0246 | 0.0171 | 0.001 | 0.0099 | 0.0254 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 21 | 76 | 0.004 | 0.043 | 0.0152 | 0.0115 | 0.0007 | 0.007 | 0.0163 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte05ft | chrysene | mg/kg | 20 | 21 | 95 | 0.0068 | 0.38 | 0.0774 | 0.0968 | 0.0024 | 0.0024 | 0.165 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte05ft | cobalt | mg/kg | 21 | 21 | 100 | 5.19 | 13.5 | 8.606 | 1.949 | -- | -- | 9.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | copper | mg/kg | 21 | 21 | 100 | 5.87 | 53.4 | 17.89 | 11.64 | -- | -- | 22.52 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 21 | 29 | 0.0022 | 0.035 | 0.016 | 0.0125 | 0.0017 | 0.017 | 0.0135 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | lead | mg/kg | 21 | 21 | 100 | 4.47 | 83.5 | 15.49 | 19.58 | -- | -- | 34.11 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 ravenna ave | lte05ft | naphthalene | mg/kg | 8 | 21 | 38 | 0.00033 | 0.01 | 0.00261 | 0.00353 | 0.00025 | 0.00031 | 0.00236 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | pyrene | mg/kg | 19 | 21 | 90 | 0.0052 | 0.32 | 0.0824 | 0.109 | 0.0016 | 0.0041 | 0.176 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | toluene | µg/kg | 11 | 21 | 52 | 0.16 | 2.6 | 0.727 | 0.798 | 0.11 | 0.14 | 1.075 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | tph as diesel | mg/kg | 21 | 21 | 100 | 5.8 | 750 | 196.8 | 172.2 | -- | -- | 289.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte05ft | tph as gasoline | mg/kg | 9 | 21 | 43 | 0.068 | 0.4 | 0.148 | 0.111 | 0.045 | 0.063 | 0.134 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte05ft | tph as motor oil | mg/kg | 20 | 21 | 95 | 39 | 1400 | 455.9 | 324.7 | 7 | 7 | 749.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte05ft | vanadium | mg/kg | 21 | 21 | 100 | 20.8 | 57.3 | 30.89 | 7.521 | -- | -- | 33.66 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte05ft | xylenes, total | µg/kg | 6 | 21 | 29 | 0.21 | 1.3 | 0.588 | 0.418 | 0.15 | 0.19 | 0.508 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte05ft | zinc | mg/kg | 21 | 21 | 100 | 23.1 | 188 | 55.99 | 43.39 | -- | -- | 97.27 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 27 | 19 | 0.14 | 1.2 | 0.384 | 0.459 | 0.089 | 0.14 | 0.259 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 6 | 28 | 21 | 0.004 | 2.8 | 0.702 | 1.058 | 0.0021 | 0.043 | 0.341 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 19 | 28 | 68 | 0.0016 | 3.1 | 0.249 | 0.717 | 0.0024 | 0.024 | 0.666 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 ravenna ave | lte10ft | antimony | mg/kg | 22 | 28 | 79 | 0.478 | 1.56 | 0.937 | 0.311 | 0.306 | 0.306 | 0.947 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 2.84 | 11.9 | 6.358 | 2.095 | -- | -- | 7.033 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte10ft | bap teq | mg/kg | 27 | 28 | 96 | 0.00265 | 0.386 | 0.043 | 0.0734 | 0.00103 | 0.00103 | 0.101 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte10ft | benzene | µg/kg | 17 | 27 | 63 | 0.14 | 2.4 | 0.428 | 0.56 | 0.1 | 0.13 | 0.494 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 23 | 28 | 82 | 0.003 | 0.3 | 0.0473 | 0.0692 | 0.0013 | 0.013 | 0.093 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 28 | 75 | 0.0028 | 0.3 | 0.039 | 0.0627 | 0.001 | 0.02 | 0.0767 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 28 | 82 | 0.0018 | 0.23 | 0.0285 | 0.0482 | 0.0007 | 0.007 | 0.0608 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 ravenna ave | lte10ft | chrysene | mg/kg | 27 | 28 | 96 | 0.0068 | 1.2 | 0.152 | 0.255 | 0.0024 | 0.0024 | 0.354 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 ravenna ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 5.19 | 13.5 | 8.782 | 2.023 | -- | -- | 9.433 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 5.87 | 53.4 | 17.2 | 10.42 | -- | -- | 20.68 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24413 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 28 | 25 | 0.0022 | 0.035 | 0.015 | 0.0117 | 0.0017 | 0.087 | 0.0116 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24413 ravenna ave | lte10ft | lead | mg/kg | 28 | 28 | 100 | 3.63 | 83.5 | 13.72 | 17.21 | -- | -- | 27.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 ravenna ave | lte10ft | naphthalene | mg/kg | 13 | 28 | 46 | 0.00033 | 0.47 | 0.066 | 0.132 | 0.00025 | 0.00031 | 0.0618 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 ravenna ave | lte10ft | pyrene | mg/kg | 26 | 28 | 93 | 0.0052 | 1.6 | 0.215 | 0.413 | 0.0016 | 0.0041 | 0.531 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 ravenna ave | lte10ft | toluene | µg/kg | 13 | 27 | 48 | 0.16 | 2.6 | 0.648 | 0.754 | 0.11 | 0.14 | 0.59 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24413 ravenna ave | lte10ft | tph as diesel | mg/kg | 27 | 28 | 96 | 5.8 | 7700 | 623 | 1481 | 4.8 | 4.8 | 1803 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24413 ravenna ave | lte10ft | tph as gasoline | mg/kg | 14 | 27 | 52 | 0.05 | 2.1 | 0.298 | 0.531 | 0.045 | 0.063 | 0.336 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 ravenna ave | lte10ft | tph as motor oil | mg/kg | 26 | 28 | 93 | 39 | 10000 | 1017 | 1927 | 7 | 7 | 2491 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24413 ravenna ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 18.6 | 57.3 | 31.23 | 7.364 | -- | -- | 33.63 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24413 ravenna ave | lte10ft | xylenes, total | µg/kg | 11 | 27 | 41 | 0.21 | 1.5 | 0.625 | 0.421 | 0.15 | 0.19 | 0.492 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24413 ravenna ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 20.9 | 188 | 51.2 | 38.53 | -- | -- | 82.94 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 12 | 100 | 0.83 | 13000 | 2044 | 3764 | -- | -- | 8717 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 12 | 58 | 26 | 1100 | 448 | 427.7 | 0.088 | 8.9 | 501.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.29 | 24 | 7.383 | 7.699 | -- | -- | 13.91 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.3 | 41 | 9.775 | 11.84 | -- | -- | 19.34 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 4.7 | 13 | 8.167 | 2.694 | -- | -- | 9.563 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | bap teq | mg/kg | 7 | 12 | 58 | 0.0228 | 0.199 | 0.0855 | 0.067 | 0.0261 | 0.386 | 0.108 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | benzene | µg/kg | 8 | 12 | 67 | 0.54 | 2100 | 445.8 | 726.9 | 11 | 22 | 639.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 12 | 58 | 0.024 | 0.22 | 0.111 | 0.0637 | 0.033 | 0.44 | 0.134 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 12 | 42 | 0.018 | 0.16 | 0.0802 | 0.0536 | 0.012 | 0.39 | 0.0946 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | chrysene | mg/kg | 7 | 12 | 58 | 0.12 | 0.78 | 0.394 | 0.217 | 0.059 | 0.45 | 0.422 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 7.23 | 21.5 | 12.28 | 3.654 | -- | -- | 14.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 12.8 | 27.2 | 19.82 | 4.421 | -- | -- | 22.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 11 | 12 | 92 | 32 | 12000 | 4372 | 4517 | 0.14 | 0.14 | 9677 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 2.32 | 7.23 | 4.085 | 1.46 | -- | -- | 4.905 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.18 | 17 | 6.243 | 6.275 | -- | -- | 12.42 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | pyrene | mg/kg | 11 | 12 | 92 | 0.044 | 3.2 | 0.955 | 0.923 | 0.16 | 0.16 | 2.04 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 12 | 12 | 100 | 590 | 17000 | 7183 | 4933 | -- | -- | 9740 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 12 | 12 | 100 | 160 | 4000 | 1231 | 1142 | -- | -- | 2060 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 690 | 15000 | 7174 | 4523 | -- | -- | 9519 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 28.6 | 67.1 | 44.08 | 11.79 | -- | -- | 50.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 12 | 83 | 2.1 | 3800 | 1170 | 1521 | 17 | 33 | 2815 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 29.4 | 57.5 | 44.67 | 8.517 | -- | -- | 49.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 20 | 45 | 0.0057 | 0.031 | 0.0116 | 0.00774 | 0.0011 | 0.021 | 0.011 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 20 | 90 | 0.0008 | 0.046 | 0.0168 | 0.0155 | 0.003 | 0.012 | 0.0304 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 2.33 | 9.23 | 4.882 | 1.891 | -- | -- | 5.613 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.000781 | 0.142 | 0.0185 | 0.032 | -- | -- | 0.0318 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte02ft | benzene | µg/kg | 6 | 20 | 30 | 0.12 | 0.4 | 0.212 | 0.102 | 0.1 | 0.13 | 0.204 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 20 | 75 | 0.0019 | 0.094 | 0.0218 | 0.0243 | 0.0007 | 0.0033 | 0.0391 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 20 | 75 | 0.0006 | 0.11 | 0.0177 | 0.0278 | 0.0005 | 0.0025 | 0.0381 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 5 | 20 | 25 | 0.0027 | 0.062 | 0.0231 | 0.0228 | 0.0004 | 0.0018 | 0.022 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte02ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0013 | 0.33 | 0.0535 | 0.0778 | -- | -- | 0.0913 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 7.06 | 14.1 | 9.92 | 1.652 | -- | -- | 10.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 8.57 | 33.5 | 17.72 | 6.525 | -- | -- | 20.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 2.86 | 27.1 | 8.004 | 7.181 | -- | -- | 15 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte02ft | naphthalene | mg/kg | 16 | 20 | 80 | 0.00038 | 0.025 | 0.00765 | 0.00769 | 0.00025 | 0.00031 | 0.0135 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte02ft | pyrene | mg/kg | 19 | 20 | 95 | 0.0008 | 0.2 | 0.0332 | 0.049 | 0.0041 | 0.0041 | 0.0787 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte02ft | toluene | µg/kg | 6 | 20 | 30 | 0.15 | 0.94 | 0.475 | 0.269 | 0.12 | 0.15 | 0.466 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte02ft | tph as diesel | mg/kg | 19 | 20 | 95 | 6.9 | 480 | 128.6 | 125.5 | 4.8 | 4.8 | 244.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte02ft | tph as gasoline | mg/kg | 11 | 20 | 55 | 0.057 | 0.61 | 0.236 | 0.17 | 0.047 | 0.062 | 0.216 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte02ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 15 | 1000 | 303.7 | 306.1 | -- | -- | 478.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 25.2 | 47.3 | 34.69 | 5.795 | -- | -- | 36.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 27.3 | 110 | 50.23 | 21.05 | -- | -- | 58.56 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 38 | 47 | 0.12 | 11000 | 1240 | 3157 | 0.09 | 0.12 | 2188 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 38 | 21 | 0.095 | 3800 | 863.4 | 1449 | 0.076 | 16 | 390.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 22 | 38 | 58 | 0.0057 | 25 | 4.534 | 7.754 | 0.0011 | 0.21 | 7.102 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 35 | 38 | 92 | 0.0008 | 39 | 4.005 | 9.919 | 0.003 | 0.12 | 10.46 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte05ft | arsenic | mg/kg | 38 | 38 | 100 | 2.33 | 21.2 | 5.576 | 3.52 | -- | -- | 6.586 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24416 marbella ave | lte05ft | bap teq | mg/kg | 35 | 38 | 92 | 0.000781 | 1.102 | 0.136 | 0.247 | 0.103 | 0.208 | 0.297 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 marbella ave | lte05ft | benzene | µg/kg | 17 | 38 | 45 | 0.12 | 8300 | 535 | 2005 | 0.1 | 22 | 1207 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 30 | 38 | 79 | 0.0019 | 1.4 | 0.207 | 0.364 | 0.0007 | 0.26 | 0.403 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 29 | 38 | 76 | 0.0006 | 0.83 | 0.123 | 0.2 | 0.0005 | 0.2 | 0.225 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 9 | 38 | 24 | 0.0027 | 0.062 | 0.03 | 0.0188 | 0.0004 | 0.14 | 0.0225 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte05ft | cadmium | mg/kg | 6 | 38 | 16 | 0.112 | 0.93 | 0.416 | 0.282 | 0.0883 | 0.0883 | 0.408 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte05ft | chrysene | mg/kg | 35 | 38 | 92 | 0.0013 | 3.9 | 0.479 | 0.883 | 0.24 | 0.45 | 1.054 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24416 marbella ave | lte05ft | cobalt | mg/kg | 38 | 38 | 100 | 5.38 | 15.9 | 9.694 | 2.449 | -- | -- | 10.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte05ft | copper | mg/kg | 38 | 38 | 100 | 8.57 | 36.4 | 17.23 | 6.546 | -- | -- | 19.04 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 38 | 13 | 0.0044 | 0.033 | 0.0199 | 0.0125 | 0.0007 | 0.27 | 0.0197 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte05ft | ethylbenzene | µg/kg | 16 | 38 | 42 | 0.12 | 12000 | 1503 | 3315 | 0.12 | 0.15 | 2248 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 38 | 16 | 0.0076 | 0.023 | 0.0148 | 0.00584 | 0.0009 | 0.35 | 0.017 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte05ft | lead | mg/kg | 37 | 38 | 97 | 1.57 | 115 | 9.894 | 18.67 | 0.181 | 0.181 | 22.74 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte05ft | naphthalene | mg/kg | 33 | 38 | 87 | 0.00038 | 17 | 1.71 | 4.055 | 0.00025 | 0.00031 | 4.189 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte05ft | pyrene | mg/kg | 37 | 38 | 97 | 0.0008 | 10 | 1.205 | 2.548 | 0.0041 | 0.0041 | 2.957 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 marbella ave | lte05ft | toluene | µg/kg | 11 | 38 | 29 | 0.15 | 1100 | 145.3 | 347.6 | 0.12 | 24 | 183.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte05ft | tph as diesel | mg/kg | 37 | 38 | 97 | 6.9 | 13000 | 2311 | 3548 | 4.8 | 4.8 | 4740 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 marbella ave | lte05ft | tph as gasoline | mg/kg | 29 | 38 | 76 | 0.057 | 3100 | 289.5 | 683.6 | 0.047 | 0.062 | 652.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte05ft | tph as motor oil | mg/kg | 38 | 38 | 100 | 15 | 16000 | 2802 | 4043 | -- | -- | 5661 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 marbella ave | lte05ft | vanadium | mg/kg | 38 | 38 | 100 | 24.3 | 53 | 34.96 | 7.009 | -- | -- | 36.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte05ft | xylenes, total | µg/kg | 16 | 38 | 42 | 0.24 | 28000 | 2507 | 7327 | 0.16 | 32 | 4537 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte05ft | zinc | mg/kg | 38 | 38 | 100 | 25.3 | 149 | 48.95 | 24.85 | -- | -- | 56.01 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 30 | 50 | 60 | 0.12 | 13000 | 1561 | 3373 | 0.09 | 0.12 | 2617 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 15 | 50 | 30 | 0.095 | 3800 | 669.5 | 1084 | 0.076 | 16 | 360.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 34 | 50 | 68 | 0.0057 | 25 | 5.539 | 7.741 | 0.0011 | 0.21 | 5.606 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 47 | 50 | 94 | 0.0008 | 41 | 5.478 | 10.62 | 0.003 | 0.12 | 11.55 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte10ft | arsenic | mg/kg | 50 | 50 | 100 | 2.33 | 21.2 | 6.198 | 3.497 | -- | -- | 6.986 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte10ft | bap teq | mg/kg | 42 | 50 | 84 | 0.000781 | 1.102 | 0.128 | 0.227 | 0.0261 | 0.386 | 0.244 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 marbella ave | lte10ft | benzene | µg/kg | 25 | 50 | 50 | 0.12 | 8300 | 506.4 | 1684 | 0.1 | 22 | 1005 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 50 | 74 | 0.0019 | 1.4 | 0.189 | 0.33 | 0.0007 | 0.44 | 0.329 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 34 | 50 | 68 | 0.0006 | 0.83 | 0.117 | 0.186 | 0.0005 | 0.39 | 0.124 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 50 | 18 | 0.0027 | 0.062 | 0.03 | 0.0188 | 0.0004 | 0.28 | 0.0215 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte10ft | cadmium | mg/kg | 8 | 50 | 16 | 0.0887 | 0.93 | 0.337 | 0.279 | 0.0883 | 0.0883 | 0.192 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte10ft | chrysene | mg/kg | 42 | 50 | 84 | 0.0013 | 3.9 | 0.465 | 0.809 | 0.059 | 0.45 | 0.871 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte10ft | cobalt | mg/kg | 50 | 50 | 100 | 5.38 | 21.5 | 10.31 | 2.962 | -- | -- | 11.01 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte10ft | copper | mg/kg | 50 | 50 | 100 | 8.57 | 36.4 | 17.85 | 6.164 | -- | -- | 19.35 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 50 | 10 | 0.0044 | 0.033 | 0.0199 | 0.0125 | 0.0007 | 0.54 | 0.021 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte10ft | ethylbenzene | µg/kg | 27 | 50 | 54 | 0.12 | 12000 | 2672 | 4031 | 0.12 | 0.15 | 2215 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 50 | 12 | 0.0076 | 0.023 | 0.0148 | 0.00584 | 0.0009 | 0.69 | 0.017 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 marbella ave | lte10ft | lead | mg/kg | 49 | 50 | 98 | 1.57 | 115 | 8.471 | 16.38 | 0.181 | 0.181 | 18.35 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte10ft | naphthalene | mg/kg | 45 | 50 | 90 | 0.00038 | 17 | 2.919 | 5.09 | 0.00025 | 0.00031 | 5.653 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte10ft | pyrene | mg/kg | 48 | 50 | 96 | 0.0008 | 10 | 1.148 | 2.273 | 0.0041 | 0.16 | 2.482 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 marbella ave | lte10ft | toluene | µg/kg | 15 | 50 | 30 | 0.15 | 1100 | 191.9 | 366.3 | 0.12 | 24 | 193.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte10ft | tph as diesel | mg/kg | 49 | 50 | 98 | 6.9 | 17000 | 3504 | 4416 | 4.8 | 4.8 | 6146 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte10ft | tph as gasoline | mg/kg | 41 | 50 | 82 | 0.057 | 4000 | 565 | 934.7 | 0.047 | 0.062 | 1002 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte10ft | tph as motor oil | mg/kg | 50 | 50 | 100 | 15 | 16000 | 3852 | 4527 | -- | -- | 5536 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 marbella ave | lte10ft | vanadium | mg/kg | 50 | 50 | 100 | 24.3 | 67.1 | 37.14 | 9.152 | -- | -- | 39.31 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 marbella ave | lte10ft | xylenes, total | µg/kg | 26 | 50 | 52 | 0.24 | 28000 | 1993 | 5786 | 0.16 | 33 | 3684 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 marbella ave | lte10ft | zinc | mg/kg | 50 | 50 | 100 | 25.3 | 149 | 47.92 | 22.04 | -- | -- | 53.35 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 12 | 58 | 0.0016 | 0.014 | 0.00496 | 0.00432 | 0.0011 | 0.0086 | 0.00594 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.0021 | 0.031 | 0.00963 | 0.00802 | 0.0048 | 0.0048 | 0.0191 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 3.9 | 7.81 | 6.021 | 1.071 | -- | -- | 6.576 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00199 | 0.0503 | 0.0158 | 0.0153 | -- | -- | 0.0277 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0023 | 0.055 | 0.0137 | 0.0161 | -- | -- | 0.0244 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.0013 | 0.038 | 0.0122 | 0.012 | -- | -- | 0.0219 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 12 | 92 | 0.0011 | 0.016 | 0.00646 | 0.00536 | 0.0014 | 0.0014 | 0.0088 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte02ft | cadmium | mg/kg | 12 | 12 | 100 | 0.152 | 0.383 | 0.246 | 0.0664 | -- | -- | 0.281 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0052 | 0.15 | 0.0396 | 0.0454 | -- | -- | 0.0727 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 8.2 | 10.8 | 9.817 | 0.803 | -- | -- | 10.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 11.5 | 18.7 | 15.04 | 2.389 | -- | -- | 16.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 12 | 50 | 0.0008 | 0.0062 | 0.00248 | 0.00197 | 0.0007 | 0.0054 | 0.0028 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 12 | 92 | 0.001 | 0.011 | 0.00454 | 0.0035 | 0.0035 | 0.0035 | 0.00611 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 8.07 | 13.5 | 9.26 | 1.699 | -- | -- | 10.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte02ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.002 | 0.084 | 0.018 | 0.0221 | -- | -- | 0.0321 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0029 | 0.11 | 0.0246 | 0.0337 | -- | -- | 0.0491 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 14 | 1100 | 200.7 | 324.9 | -- | -- | 454.1 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24416 neptune ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 38 | 2300 | 425.4 | 658 | -- | -- | 907.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 29.6 | 38.6 | 34.32 | 3.277 | -- | -- | 36.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 33.4 | 45.3 | 38.44 | 3.924 | -- | -- | 40.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 18 | 67 | 0.0016 | 1.6 | 0.153 | 0.458 | 0.0011 | 0.0086 | 0.494 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 17 | 18 | 94 | 0.0006 | 2.2 | 0.149 | 0.53 | 0.0048 | 0.0048 | 0.671 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 neptune ave | lte05ft | arsenic | mg/kg | 18 | 18 | 100 | 2.82 | 7.81 | 5.243 | 1.488 | -- | -- | 5.853 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte05ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00152 | 0.162 | 0.0298 | 0.0409 | -- | -- | 0.0521 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte05ft | benzene | µg/kg | 6 | 17 | 35 | 0.15 | 0.32 | 0.215 | 0.0683 | 0.1 | 0.12 | 0.207 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 18 | 100 | 0.0017 | 0.27 | 0.0349 | 0.065 | -- | -- | 0.102 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 18 | 18 | 100 | 0.001 | 0.11 | 0.0212 | 0.0275 | -- | -- | 0.0368 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 18 | 94 | 0.0009 | 0.097 | 0.0156 | 0.0245 | 0.0014 | 0.0014 | 0.0394 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte05ft | cadmium | mg/kg | 18 | 18 | 100 | 0.121 | 0.383 | 0.213 | 0.0737 | -- | -- | 0.243 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte05ft | chrysene | mg/kg | 18 | 18 | 100 | 0.0038 | 0.92 | 0.114 | 0.218 | -- | -- | 0.223 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte05ft | cobalt | mg/kg | 18 | 18 | 100 | 6.5 | 10.8 | 9.004 | 1.433 | -- | -- | 9.592 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte05ft | copper | mg/kg | 18 | 18 | 100 | 8.86 | 18.7 | 13.49 | 3.034 | -- | -- | 14.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 18 | 44 | 0.0008 | 0.0068 | 0.00319 | 0.00226 | 0.0007 | 0.054 | 0.00318 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 18 | 83 | 0.001 | 0.024 | 0.00612 | 0.00609 | 0.0009 | 0.069 | 0.0081 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte05ft | lead | mg/kg | 18 | 18 | 100 | 5.93 | 100 | 14.23 | 21.58 | -- | -- | 36.4 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte05ft | naphthalene | mg/kg | 17 | 18 | 94 | 0.002 | 0.55 | 0.0518 | 0.131 | 0.019 | 0.019 | 0.18 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 neptune ave | lte05ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0029 | 0.84 | 0.102 | 0.206 | -- | -- | 0.314 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 neptune ave | lte05ft | tph as diesel | mg/kg | 18 | 18 | 100 | 14 | 51000 | 3071 | 11967 | -- | -- | 15365 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte05ft | tph as gasoline | mg/kg | 5 | 17 | 29 | 0.053 | 0.12 | 0.0872 | 0.0303 | 0.047 | 0.054 | 0.0988 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte05ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 38 | 97000 | 5815 | 22764 | -- | -- | 29203 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte05ft | vanadium | mg/kg | 18 | 18 | 100 | 23.4 | 38.6 | 31.62 | 4.888 | -- | -- | 33.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte05ft | zinc | mg/kg | 18 | 18 | 100 | 26.7 | 45.3 | 35.52 | 5.411 | -- | -- | 37.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 15 | 21 | 71 | 0.0016 | 1.6 | 0.127 | 0.409 | 0.0011 | 0.0086 | 0.425 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 20 | 21 | 95 | 0.0006 | 2.2 | 0.131 | 0.488 | 0.0048 | 0.0048 | 0.578 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 neptune ave | lte10ft | arsenic | mg/kg | 21 | 21 | 100 | 2.82 | 8.76 | 5.464 | 1.575 | -- | -- | 6.057 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte10ft | bap teq | mg/kg | 21 | 21 | 100 | 0.00152 | 0.162 | 0.028 | 0.0382 | -- | -- | 0.0453 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte10ft | benzene | µg/kg | 9 | 20 | 45 | 0.15 | 9.5 | 1.514 | 3.059 | 0.1 | 0.12 | 1.675 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 21 | 21 | 100 | 0.0017 | 0.27 | 0.0322 | 0.0604 | -- | -- | 0.0897 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 21 | 100 | 0.001 | 0.11 | 0.02 | 0.0257 | -- | -- | 0.0321 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 21 | 95 | 0.0009 | 0.097 | 0.0146 | 0.0226 | 0.0014 | 0.0014 | 0.0352 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 21 | 29 | 0.0012 | 0.0059 | 0.0026 | 0.00178 | 0.0011 | 0.09 | 0.00238 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 neptune ave | lte10ft | cadmium | mg/kg | 21 | 21 | 100 | 0.121 | 0.383 | 0.219 | 0.0714 | -- | -- | 0.246 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte10ft | chrysene | mg/kg | 21 | 21 | 100 | 0.0038 | 0.92 | 0.106 | 0.202 | -- | -- | 0.188 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte10ft | cobalt | mg/kg | 21 | 21 | 100 | 6.5 | 10.8 | 9.17 | 1.39 | -- | -- | 9.693 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte10ft | copper | mg/kg | 21 | 21 | 100 | 8.86 | 18.7 | 13.79 | 3.007 | -- | -- | 14.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 21 | 43 | 0.0008 | 0.0068 | 0.00348 | 0.00229 | 0.0007 | 0.054 | 0.00318 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 21 | 86 | 0.001 | 0.024 | 0.00609 | 0.00602 | 0.0009 | 0.069 | 0.00804 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 neptune ave | lte10ft | lead | mg/kg | 21 | 21 | 100 | 5.93 | 100 | 13.45 | 19.99 | -- | -- | 32.46 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte10ft | naphthalene | mg/kg | 20 | 21 | 95 | 0.002 | 0.55 | 0.0459 | 0.121 | 0.019 | 0.019 | 0.157 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 neptune ave | lte10ft | pyrene | mg/kg | 21 | 21 | 100 | 0.0029 | 0.84 | 0.0964 | 0.192 | -- | -- | 0.279 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 neptune ave | lte10ft | tph as diesel | mg/kg | 21 | 21 | 100 | 14 | 51000 | 2654 | 11082 | -- | -- | 13196 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte10ft | tph as gasoline | mg/kg | 8 | 20 | 40 | 0.053 | 1 | 0.336 | 0.367 | 0.047 | 0.054 | 0.273 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 neptune ave | lte10ft | tph as motor oil | mg/kg | 21 | 21 | 100 | 38 | 97000 | 5023 | 21082 | -- | -- | 25076 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 neptune ave | lte10ft | vanadium | mg/kg | 21 | 21 | 100 | 23.4 | 39.5 | 32.45 | 5.001 | -- | -- | 34.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 neptune ave | lte10ft | zinc | mg/kg | 21 | 21 | 100 | 26.7 | 45.3 | 35.92 | 5.129 | -- | -- | 37.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 1.75 | 4.06 | 2.648 | 0.705 | -- | -- | 3.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 4.41 | 10.6 | 6.623 | 1.978 | -- | -- | 7.947 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 9.34 | 20 | 12.32 | 3.482 | -- | -- | 14.84 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24416 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 1.02 | 6.9 | 3.214 | 1.796 | -- | -- | 4.416 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | gt05lte10ft | pyrene | mg/kg | 5 | 8 | 63 | 0.0009 | 0.006 | 0.0027 | 0.00205 | 0.0008 | 0.0008 | 0.0033 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 15.9 | 32.1 | 23.51 | 4.586 | -- | -- | 26.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 21.5 | 43.4 | 31.08 | 7.09 | -- | -- | 35.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 17 | 53 | 0.0008 | 0.062 | 0.0221 | 0.0225 | 0.0006 | 0.06 | 0.0218 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte02ft | antimony | mg/kg | 16 | 17 | 94 | 0.62 | 2.26 | 1.351 | 0.504 | 0.306 | 0.306 | 1.529 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte02ft | arsenic | mg/kg | 17 | 17 | 100 | 1.28 | 5.92 | 2.865 | 1.098 | -- | -- | 3.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte02ft | bap teq | mg/kg | 17 | 17 | 100 | 0.00057 | 0.197 | 0.0582 | 0.0695 | -- | -- | 0.113 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24416 panama ave | lte02ft | benzene | µg/kg | 11 | 17 | 65 | 0.18 | 0.92 | 0.307 | 0.212 | 0.12 | 0.14 | 0.355 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 17 | 82 | 0.0009 | 0.19 | 0.0605 | 0.0686 | 0.0007 | 0.026 | 0.121 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 17 | 82 | 0.001 | 0.15 | 0.0521 | 0.0541 | 0.0005 | 0.0099 | 0.0993 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 17 | 76 | 0.0006 | 0.1 | 0.0279 | 0.0327 | 0.0028 | 0.035 | 0.0544 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte02ft | cadmium | mg/kg | 15 | 17 | 88 | 0.102 | 0.37 | 0.2 | 0.0824 | 0.0883 | 0.0883 | 0.224 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte02ft | chrysene | mg/kg | 16 | 17 | 94 | 0.0024 | 0.54 | 0.16 | 0.175 | 0.0012 | 0.0012 | 0.335 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte02ft | cobalt | mg/kg | 17 | 17 | 100 | 6.85 | 12.2 | 8.29 | 1.379 | -- | -- | 8.88 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte02ft | copper | mg/kg | 17 | 17 | 100 | 8.61 | 18.4 | 13.75 | 2.634 | -- | -- | 14.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 17 | 35 | 0.0028 | 0.062 | 0.0218 | 0.022 | 0.0009 | 0.087 | 0.0219 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte02ft | lead | mg/kg | 17 | 17 | 100 | 4.14 | 32.3 | 14.17 | 9.202 | -- | -- | 18.82 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte02ft | pyrene | mg/kg | 17 | 17 | 100 | 0.0012 | 0.26 | 0.0738 | 0.0853 | -- | -- | 0.139 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte02ft | toluene | µg/kg | 8 | 17 | 47 | 0.17 | 0.79 | 0.303 | 0.205 | 0.13 | 0.16 | 0.299 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 panama ave | lte02ft | tph as diesel | mg/kg | 14 | 17 | 82 | 18 | 1600 | 281.3 | 399.9 | 4.8 | 4.8 | 634 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte02ft | tph as gasoline | mg/kg | 6 | 17 | 35 | 0.06 | 0.21 | 0.109 | 0.0564 | 0.051 | 0.065 | 0.106 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte02ft | tph as motor oil | mg/kg | 14 | 17 | 82 | 21 | 5500 | 873.3 | 1374 | 7 | 7 | 2088 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte02ft | vanadium | mg/kg | 17 | 17 | 100 | 19.7 | 42.2 | 26.64 | 4.818 | -- | -- | 28.66 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte02ft | zinc | mg/kg | 17 | 17 | 100 | 28.6 | 135 | 49.01 | 25.4 | -- | -- | 60.45 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 11 | 25 | 44 | 0.0008 | 0.062 | 0.0182 | 0.0218 | 0.0006 | 0.06 | 0.0148 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 panama ave | lte05ft | antimony | mg/kg | 22 | 25 | 88 | 0.62 | 2.26 | 1.342 | 0.436 | 0.306 | 0.306 | 1.419 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 1.28 | 6.16 | 2.946 | 1.251 | -- | -- | 3.383 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 panama ave | lte05ft | bap teq | mg/kg | 24 | 25 | 96 | 0.00054 | 0.197 | 0.0422 | 0.0634 | 0.00053 | 0.00053 | 0.0951 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 panama ave | lte05ft | benzene | µg/kg | 13 | 25 | 52 | 0.11 | 0.92 | 0.282 | 0.204 | 0.11 | 0.14 | 0.277 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 25 | 72 | 0.0009 | 0.19 | 0.0479 | 0.0648 | 0.0007 | 0.026 | 0.0864 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 25 | 80 | 0.0009 | 0.15 | 0.0373 | 0.0505 | 0.0005 | 0.0099 | 0.0715 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 25 | 76 | 0.0006 | 0.1 | 0.0197 | 0.0294 | 0.0004 | 0.035 | 0.0388 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte05ft | cadmium | mg/kg | 20 | 25 | 80 | 0.102 | 0.37 | 0.195 | 0.0756 | 0.0883 | 0.0883 | 0.203 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte05ft | chrysene | mg/kg | 23 | 25 | 92 | 0.0016 | 0.54 | 0.113 | 0.162 | 0.0012 | 0.0012 | 0.242 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 6.85 | 12.2 | 9.209 | 1.832 | -- | -- | 9.869 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 8.61 | 20 | 14.45 | 2.626 | -- | -- | 15.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 25 | 36 | 0.001 | 0.062 | 0.0153 | 0.02 | 0.0009 | 0.087 | 0.0123 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 3.48 | 32.3 | 11.27 | 8.679 | -- | -- | 18.84 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte05ft | pyrene | mg/kg | 24 | 25 | 96 | 0.001 | 0.26 | 0.0556 | 0.0775 | 0.0008 | 0.0008 | 0.12 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 panama ave | lte05ft | toluene | µg/kg | 9 | 25 | 36 | 0.13 | 0.79 | 0.283 | 0.2 | 0.13 | 0.16 | 0.234 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte05ft | tph as diesel | mg/kg | 15 | 25 | 60 | 18 | 1600 | 264.1 | 391 | 4.8 | 4.8 | 305.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte05ft | tph as gasoline | mg/kg | 6 | 25 | 24 | 0.06 | 0.21 | 0.109 | 0.0564 | 0.047 | 0.065 | 0.101 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte05ft | tph as motor oil | mg/kg | 15 | 25 | 60 | 21 | 5500 | 818.4 | 1341 | 7 | 7 | 955.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 19.7 | 46.1 | 29.84 | 6.994 | -- | -- | 32.28 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 panama ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 28.6 | 135 | 46.99 | 21.14 | -- | -- | 54.69 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 12 | 33 | 36 | 0.0008 | 0.062 | 0.0168 | 0.0214 | 0.0006 | 0.06 | 0.0186 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte10ft | antimony | mg/kg | 24 | 33 | 73 | 0.62 | 2.26 | 1.296 | 0.445 | 0.306 | 0.306 | 1.261 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 1.28 | 6.16 | 2.873 | 1.14 | -- | -- | 3.207 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 panama ave | lte10ft | bap teq | mg/kg | 28 | 33 | 85 | 0.00054 | 0.197 | 0.0364 | 0.0602 | 0.00053 | 0.00053 | 0.0742 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte10ft | benzene | µg/kg | 17 | 33 | 52 | 0.11 | 0.92 | 0.28 | 0.192 | 0.11 | 0.14 | 0.246 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 20 | 33 | 61 | 0.0009 | 0.19 | 0.0433 | 0.0628 | 0.0007 | 0.026 | 0.0672 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 33 | 70 | 0.0009 | 0.15 | 0.0327 | 0.0484 | 0.0005 | 0.0099 | 0.0558 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 22 | 33 | 67 | 0.0006 | 0.1 | 0.0172 | 0.028 | 0.0004 | 0.035 | 0.0302 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte10ft | cadmium | mg/kg | 21 | 33 | 64 | 0.102 | 0.37 | 0.193 | 0.0739 | 0.0883 | 0.0883 | 0.183 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte10ft | chrysene | mg/kg | 27 | 33 | 82 | 0.0014 | 0.54 | 0.0968 | 0.154 | 0.0012 | 0.0012 | 0.189 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 4.41 | 12.2 | 8.582 | 2.154 | -- | -- | 9.217 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 8.61 | 20 | 13.93 | 2.946 | -- | -- | 14.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 33 | 33 | 0.001 | 0.062 | 0.0128 | 0.0187 | 0.0009 | 0.087 | 0.0093 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 1.02 | 32.3 | 9.318 | 8.336 | -- | -- | 12.89 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24416 panama ave | lte10ft | pyrene | mg/kg | 29 | 33 | 88 | 0.0009 | 0.26 | 0.0465 | 0.0731 | 0.0008 | 0.0008 | 0.0942 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 panama ave | lte10ft | toluene | µg/kg | 11 | 33 | 33 | 0.13 | 0.79 | 0.318 | 0.212 | 0.13 | 0.16 | 0.238 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte10ft | tph as diesel | mg/kg | 15 | 33 | 45 | 18 | 1600 | 264.1 | 391 | 4.8 | 4.8 | 216.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte10ft | tph as gasoline | mg/kg | 7 | 33 | 21 | 0.06 | 0.21 | 0.104 | 0.053 | 0.047 | 0.065 | 0.0862 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 panama ave | lte10ft | tph as motor oil | mg/kg | 15 | 33 | 45 | 21 | 5500 | 818.4 | 1341 | 7 | 7 | 676.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 15.9 | 46.1 | 28.31 | 6.991 | -- | -- | 30.41 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 panama ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 21.5 | 135 | 43.13 | 19.85 | -- | -- | 49.32 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24416 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 10 | 90 | 0.14 | 3.5 | 1.456 | 1.14 | 0.095 | 0.095 | 1.996 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 10 | 50 | 0.15 | 1.1 | 0.5 | 0.401 | 0.079 | 0.091 | 0.598 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.013 | 1.2 | 0.236 | 0.378 | -- | -- | 0.756 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.012 | 1.2 | 0.256 | 0.392 | -- | -- | 0.643 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 3.63 | 7.56 | 5.882 | 1.393 | -- | -- | 6.689 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.0032 | 0.315 | 0.0645 | 0.0969 | -- | -- | 0.198 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | benzene | µg/kg | 6 | 10 | 60 | 0.25 | 2 | 0.725 | 0.667 | 0.11 | 0.12 | 0.869 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.0076 | 0.35 | 0.0737 | 0.111 | -- | -- | 0.169 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 10 | 80 | 0.011 | 0.27 | 0.0609 | 0.0893 | 0.0025 | 0.02 | 0.165 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 10 | 70 | 0.0052 | 0.058 | 0.0208 | 0.02 | 0.0014 | 0.007 | 0.0268 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | chrysene | mg/kg | 9 | 10 | 90 | 0.038 | 0.58 | 0.194 | 0.208 | 0.0059 | 0.0059 | 0.459 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 9.61 | 13.5 | 10.99 | 1.32 | -- | -- | 11.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 15.6 | 21.8 | 18.23 | 1.782 | -- | -- | 19.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 0.14 | 50 | 8.764 | 15.31 | -- | -- | 33.02 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 4.97 | 19.7 | 8.104 | 4.172 | -- | -- | 10.72 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.0016 | 0.78 | 0.112 | 0.237 | -- | -- | 0.315 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.03 | 0.96 | 0.207 | 0.281 | -- | -- | 0.435 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | toluene | µg/kg | 6 | 10 | 60 | 0.16 | 0.59 | 0.337 | 0.15 | 0.12 | 0.14 | 0.378 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 78 | 4700 | 1275 | 1512 | -- | -- | 2821 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 0.24 | 600 | 120.7 | 242.5 | -- | -- | 455 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 140 | 7500 | 2122 | 2430 | -- | -- | 4719 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 34.8 | 43.5 | 38.06 | 2.622 | -- | -- | 39.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 10 | 100 | 0.21 | 5.5 | 1.58 | 1.634 | -- | -- | 2.997 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 36.9 | 65.9 | 43.79 | 8.189 | -- | -- | 48.89 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 19 | 26 | 0.011 | 45 | 17.91 | 18.85 | 0.0021 | 0.021 | 22.11 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 19 | 63 | 0.0031 | 63 | 8.15 | 19.06 | 0.0012 | 0.012 | 20.84 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 1.31 | 5.94 | 3.939 | 1.232 | -- | -- | 4.429 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte02ft | bap teq | mg/kg | 19 | 19 | 100 | 0.00283 | 2.275 | 0.281 | 0.622 | -- | -- | 0.903 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte02ft | benzene | µg/kg | 6 | 19 | 32 | 0.15 | 0.56 | 0.283 | 0.163 | 0.1 | 13 | 0.263 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 19 | 63 | 0.0077 | 2.8 | 0.541 | 0.983 | 0.0013 | 0.013 | 1.171 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 19 | 89 | 0.0022 | 1.5 | 0.221 | 0.444 | 0.0039 | 0.0099 | 0.624 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 19 | 47 | 0.0013 | 0.055 | 0.0226 | 0.0185 | 0.0014 | 0.7 | 0.0222 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte02ft | chrysene | mg/kg | 17 | 19 | 89 | 0.0077 | 3.9 | 0.579 | 1.185 | 0.0024 | 0.024 | 1.655 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 6.2 | 10.7 | 8.725 | 1.113 | -- | -- | 9.168 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 8.26 | 42.3 | 14.34 | 7.221 | -- | -- | 17.44 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 4.42 | 64.4 | 10.89 | 13.15 | -- | -- | 24.04 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte02ft | naphthalene | mg/kg | 8 | 19 | 42 | 0.00032 | 16 | 3.515 | 5.535 | 0.00026 | 0.00036 | 3.088 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | lte02ft | pyrene | mg/kg | 19 | 19 | 100 | 0.0025 | 8.2 | 1 | 2.325 | -- | -- | 3.325 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte02ft | toluene | µg/kg | 6 | 19 | 32 | 0.16 | 0.32 | 0.195 | 0.0632 | 0.11 | 14 | 0.19 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 ravenna ave | lte02ft | tph as diesel | mg/kg | 19 | 19 | 100 | 38 | 23000 | 2933 | 6028 | -- | -- | 8961 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte02ft | tph as gasoline | mg/kg | 8 | 19 | 42 | 0.054 | 550 | 69.17 | 194.3 | 0.048 | 0.064 | 160.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte02ft | tph as motor oil | mg/kg | 19 | 19 | 100 | 93 | 29000 | 4323 | 7496 | -- | -- | 8252 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 ravenna ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 23.8 | 39.2 | 32.93 | 3.772 | -- | -- | 34.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 26.3 | 180 | 44.39 | 33.28 | -- | -- | 58.85 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 32 | 34 | 0.17 | 1600 | 175.1 | 475.4 | 0.087 | 10 | 147.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 32 | 22 | 0.33 | 94 | 30.31 | 38.85 | 0.074 | 9.4 | 13.66 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 32 | 44 | 0.011 | 45 | 7.113 | 13.54 | 0.0021 | 0.043 | 6.017 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 32 | 69 | 0.0031 | 63 | 4.603 | 14.36 | 0.0012 | 0.012 | 12.49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte05ft | arsenic | mg/kg | 32 | 32 | 100 | 1.31 | 7.74 | 3.999 | 1.323 | -- | -- | 4.395 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | bap teq | mg/kg | 32 | 32 | 100 | 0.00218 | 2.275 | 0.198 | 0.49 | -- | -- | 0.575 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | benzene | µg/kg | 10 | 32 | 31 | 0.14 | 0.56 | 0.288 | 0.14 | 0.1 | 13 | 0.241 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 24 | 32 | 75 | 0.0017 | 2.8 | 0.312 | 0.727 | 0.0013 | 0.013 | 0.731 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 28 | 32 | 88 | 0.0017 | 1.5 | 0.162 | 0.354 | 0.002 | 0.0099 | 0.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 32 | 53 | 0.0007 | 0.085 | 0.0232 | 0.0225 | 0.0014 | 0.7 | 0.0218 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 32 | 19 | 0.078 | 0.58 | 0.244 | 0.201 | 0.22 | 0.22 | 0.174 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | chrysene | mg/kg | 30 | 32 | 94 | 0.0058 | 3.9 | 0.417 | 0.922 | 0.0024 | 0.024 | 1.084 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 6.2 | 11.5 | 8.739 | 1.223 | -- | -- | 9.106 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | copper | mg/kg | 32 | 32 | 100 | 8.02 | 42.3 | 13.48 | 6.058 | -- | -- | 15.02 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 ravenna ave | lte05ft | ethylbenzene | µg/kg | 12 | 32 | 38 | 0.21 | 560 | 90.18 | 168.3 | 0.12 | 0.17 | 67.72 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24416 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 32 | 22 | 0.0024 | 0.038 | 0.0182 | 0.0121 | 0.0009 | 1.7 | 0.0172 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | lead | mg/kg | 32 | 32 | 100 | 3.94 | 64.4 | 8.975 | 10.35 | -- | -- | 12.36 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte05ft | naphthalene | mg/kg | 19 | 32 | 59 | 0.00032 | 16 | 1.685 | 3.836 | 0.00026 | 0.00036 | 1.894 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24416 ravenna ave | lte05ft | pyrene | mg/kg | 32 | 32 | 100 | 0.0025 | 8.2 | 0.75 | 1.841 | -- | -- | 2.169 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | toluene | µg/kg | 8 | 32 | 25 | 0.13 | 0.32 | 0.184 | 0.0583 | 0.11 | 14 | 0.175 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte05ft | tph as diesel | mg/kg | 32 | 32 | 100 | 28 | 23000 | 2147 | 4879 | -- | -- | 5906 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | tph as gasoline | mg/kg | 19 | 32 | 59 | 0.054 | 550 | 67.62 | 164.1 | 0.047 | 0.064 | 141.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte05ft | tph as motor oil | mg/kg | 32 | 32 | 100 | 44 | 29000 | 3163 | 6166 | -- | -- | 7915 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 23.8 | 41.2 | 33.56 | 4.112 | -- | -- | 34.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | xylenes, total | µg/kg | 9 | 32 | 28 | 0.17 | 66 | 11.57 | 22.55 | 0.15 | 19 | 13.52 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 26.3 | 180 | 40.98 | 26.34 | -- | -- | 49.56 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 20 | 42 | 48 | 0.14 | 1600 | 96.95 | 356.1 | 0.087 | 10 | 214.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 42 | 29 | 0.15 | 94 | 17.89 | 32.54 | 0.074 | 9.4 | 18.21 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 24 | 42 | 57 | 0.011 | 45 | 4.248 | 10.75 | 0.0021 | 0.043 | 8.086 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 32 | 42 | 76 | 0.0031 | 63 | 3.244 | 12 | 0.0012 | 0.012 | 9.579 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte10ft | arsenic | mg/kg | 42 | 42 | 100 | 1.31 | 7.74 | 4.447 | 1.552 | -- | -- | 4.904 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | lte10ft | bap teq | mg/kg | 42 | 42 | 100 | 0.00218 | 2.275 | 0.166 | 0.432 | -- | -- | 0.457 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte10ft | benzene | µg/kg | 16 | 42 | 38 | 0.14 | 2 | 0.452 | 0.456 | 0.1 | 13 | 0.38 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 34 | 42 | 81 | 0.0017 | 2.8 | 0.242 | 0.619 | 0.0013 | 0.013 | 0.577 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 36 | 42 | 86 | 0.0017 | 1.5 | 0.139 | 0.317 | 0.002 | 0.02 | 0.32 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 24 | 42 | 57 | 0.0007 | 0.085 | 0.0225 | 0.0214 | 0.0014 | 0.7 | 0.0202 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 8 | 42 | 19 | 0.078 | 0.58 | 0.243 | 0.186 | 0.038 | 0.22 | 0.155 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | chrysene | mg/kg | 39 | 42 | 93 | 0.0058 | 3.9 | 0.366 | 0.817 | 0.0024 | 0.024 | 0.873 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | cobalt | mg/kg | 42 | 42 | 100 | 6.2 | 13.5 | 9.274 | 1.566 | -- | -- | 9.695 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | lte10ft | copper | mg/kg | 42 | 42 | 100 | 8.02 | 42.3 | 14.61 | 5.713 | -- | -- | 15.98 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24416 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 42 | 14 | 0.0038 | 0.034 | 0.0139 | 0.011 | 0.0007 | 1.3 | 0.0106 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | ethylbenzene | µg/kg | 22 | 42 | 52 | 0.14 | 560 | 53.17 | 129.1 | 0.12 | 0.17 | 93.35 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 42 | 21 | 0.0024 | 0.038 | 0.0176 | 0.012 | 0.0009 | 1.7 | 0.0117 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | lead | mg/kg | 42 | 42 | 100 | 3.94 | 64.4 | 8.768 | 9.219 | -- | -- | 11.37 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte10ft | naphthalene | mg/kg | 29 | 42 | 69 | 0.00032 | 16 | 1.143 | 3.171 | 0.00026 | 0.00036 | 2.598 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | pyrene | mg/kg | 42 | 42 | 100 | 0.0025 | 8.2 | 0.621 | 1.623 | -- | -- | 1.713 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte10ft | toluene | µg/kg | 14 | 42 | 33 | 0.13 | 0.59 | 0.249 | 0.129 | 0.11 | 14 | 0.214 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte10ft | tph as diesel | mg/kg | 42 | 42 | 100 | 28 | 23000 | 1939 | 4318 | -- | -- | 4843 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte10ft | tph as gasoline | mg/kg | 29 | 42 | 69 | 0.054 | 600 | 85.93 | 192 | 0.047 | 0.064 | 170.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte10ft | tph as motor oil | mg/kg | 42 | 42 | 100 | 44 | 29000 | 2915 | 5500 | -- | -- | 6614 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24416 ravenna ave | lte10ft | vanadium | mg/kg | 42 | 42 | 100 | 23.8 | 43.5 | 34.63 | 4.249 | -- | -- | 35.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | xylenes, total | µg/kg | 19 | 42 | 45 | 0.17 | 66 | 6.312 | 15.92 | 0.15 | 19 | 10.5 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24416 ravenna ave | lte10ft | zinc | mg/kg | 42 | 42 | 100 | 26.3 | 180 | 41.65 | 23.25 | -- | -- | 48.18 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 marbella ave | lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 6.44 | 24.6 | 13.3 | 6.595 | -- | -- | 17.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 marbella ave | lte10ft | benzene | µg/kg | 6 | 8 | 75 | 0.12 | 0.28 | 0.218 | 0.0581 | 0.11 | 0.11 | 0.248 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24417 marbella ave | lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 9.75 | 13.9 | 11.46 | 1.34 | -- | -- | 12.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 marbella ave | lte10ft | copper | mg/kg | 8 | 8 | 100 | 19.1 | 27.4 | 22.49 | 3.18 | -- | -- | 24.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 marbella ave | lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.5 | 22.4 | 9.354 | 5.531 | -- | -- | 13.55 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 marbella ave | lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 31.8 | 49.7 | 40.18 | 6.257 | -- | -- | 44.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 marbella ave | lte10ft | zinc | mg/kg | 8 | 8 | 100 | 39.6 | 80.4 | 52.95 | 12.53 | -- | -- | 61.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 15 | 47 | 1.7 | 3200 | 543 | 1177 | 0.088 | 11 | 643.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 15 | 33 | 0.26 | 1100 | 222 | 490.8 | 0.074 | 9.4 | 213.8 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 13 | 15 | 87 | 0.0018 | 23 | 6.378 | 9.069 | 0.0054 | 0.021 | 15.36 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 14 | 15 | 93 | 0.0034 | 35 | 8.945 | 13.48 | 0.012 | 0.012 | 23.24 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | gt05lte10ft | arsenic | mg/kg | 15 | 15 | 100 | 1.65 | 11.1 | 3.828 | 2.402 | -- | -- | 4.943 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | bap teq | mg/kg | 10 | 15 | 67 | 0.00912 | 0.529 | 0.106 | 0.158 | 0.00053 | 0.208 | 0.146 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | benzene | µg/kg | 9 | 15 | 60 | 0.19 | 9100 | 1322 | 2963 | 0.1 | 13 | 2063 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 15 | 60 | 0.0082 | 0.44 | 0.102 | 0.14 | 0.0007 | 0.26 | 0.125 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 15 | 60 | 0.0068 | 0.38 | 0.0777 | 0.121 | 0.0005 | 0.2 | 0.107 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 15 | 53 | 0.0038 | 0.06 | 0.0194 | 0.0186 | 0.0004 | 0.14 | 0.0274 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | cadmium | mg/kg | 9 | 15 | 60 | 0.0917 | 0.193 | 0.138 | 0.0362 | 0.0883 | 0.0883 | 0.138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | chrysene | mg/kg | 10 | 15 | 67 | 0.028 | 1.2 | 0.317 | 0.36 | 0.0012 | 0.47 | 0.416 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | cobalt | mg/kg | 15 | 15 | 100 | 7.43 | 13.6 | 10.41 | 1.765 | -- | -- | 11.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | copper | mg/kg | 15 | 15 | 100 | 14 | 27.1 | 18.59 | 3.451 | -- | -- | 20.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24417 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 9 | 15 | 60 | 2.4 | 24000 | 4380 | 8314 | 0.12 | 15 | 6409 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | lead | mg/kg | 15 | 15 | 100 | 5.41 | 25.8 | 9.906 | 4.954 | -- | -- | 12.31 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | gt05lte10ft | naphthalene | mg/kg | 13 | 15 | 87 | 0.0036 | 17 | 4.424 | 6.622 | 0.0004 | 0.00047 | 10.99 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | gt05lte10ft | pyrene | mg/kg | 10 | 15 | 67 | 0.027 | 2.9 | 0.56 | 0.87 | 0.0008 | 0.33 | 0.815 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | toluene | µg/kg | 7 | 15 | 47 | 0.14 | 24 | 8.69 | 10.59 | 0.11 | 13 | 8.045 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | tph as diesel | mg/kg | 13 | 15 | 87 | 7 | 15000 | 3947 | 5473 | 4.8 | 4.8 | 9367 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 12 | 15 | 80 | 0.059 | 3700 | 694.1 | 1238 | 0.049 | 0.055 | 1843 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 13 | 15 | 87 | 12 | 14000 | 4211 | 5118 | 7 | 7 | 9268 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | vanadium | mg/kg | 15 | 15 | 100 | 28.9 | 45.7 | 37.05 | 4.823 | -- | -- | 39.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 15 | 40 | 0.84 | 5300 | 891.3 | 2160 | 0.15 | 19 | 1986 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24417 panama ave | gt05lte10ft | zinc | mg/kg | 15 | 15 | 100 | 32.5 | 57 | 41.39 | 6.597 | -- | -- | 44.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 20 | 90 | 0.0018 | 0.077 | 0.0184 | 0.0189 | 0.003 | 0.0048 | 0.0349 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 0.592 | 5.67 | 2.315 | 1.148 | -- | -- | 2.758 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00212 | 0.262 | 0.0389 | 0.0553 | -- | -- | 0.0589 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte02ft | benzene | µg/kg | 8 | 20 | 40 | 0.15 | 8.3 | 1.253 | 2.849 | 0.11 | 0.14 | 1.423 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 20 | 85 | 0.0013 | 0.12 | 0.0299 | 0.0295 | 0.0052 | 0.013 | 0.0542 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 20 | 20 | 100 | 0.0016 | 0.21 | 0.0301 | 0.0442 | -- | -- | 0.0458 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 20 | 90 | 0.001 | 0.11 | 0.0157 | 0.0245 | 0.0028 | 0.007 | 0.0374 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte02ft | cadmium | mg/kg | 10 | 20 | 50 | 0.0924 | 0.566 | 0.235 | 0.146 | 0.0883 | 0.0883 | 0.218 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte02ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0067 | 0.6 | 0.0886 | 0.13 | -- | -- | 0.139 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 6.7 | 11.2 | 8.737 | 1.116 | -- | -- | 9.168 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 8.73 | 25.2 | 13.72 | 3.611 | -- | -- | 15.11 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 20 | 35 | 0.0013 | 0.044 | 0.0122 | 0.015 | 0.0007 | 0.013 | 0.00977 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 20 | 55 | 0.0022 | 0.058 | 0.013 | 0.0155 | 0.0009 | 0.017 | 0.0142 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 5.73 | 32.4 | 13.16 | 8.199 | -- | -- | 16.39 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte02ft | naphthalene | mg/kg | 10 | 20 | 50 | 0.00034 | 0.033 | 0.00828 | 0.0112 | 0.00026 | 0.00035 | 0.00778 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0028 | 0.52 | 0.0548 | 0.112 | -- | -- | 0.164 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24417 panama ave | lte02ft | toluene | µg/kg | 6 | 20 | 30 | 0.19 | 0.39 | 0.27 | 0.0696 | 0.12 | 0.15 | 0.271 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte02ft | tph as diesel | mg/kg | 19 | 20 | 95 | 12 | 920 | 287.8 | 280.1 | 4.8 | 4.8 | 546.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte02ft | tph as gasoline | mg/kg | 8 | 20 | 40 | 0.053 | 0.13 | 0.0763 | 0.031 | 0.047 | 0.072 | 0.0714 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte02ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 29 | 3200 | 1057 | 1097 | -- | -- | 1783 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 21.9 | 45 | 33 | 6.176 | -- | -- | 35.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 25.9 | 64.7 | 37.89 | 8.981 | -- | -- | 41.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 32 | 19 | 0.14 | 0.49 | 0.28 | 0.139 | 0.091 | 0.13 | 0.238 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 32 | 28 | 0.0011 | 0.039 | 0.0142 | 0.0114 | 0.0011 | 0.043 | 0.0112 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 29 | 32 | 91 | 0.0007 | 0.079 | 0.0175 | 0.0199 | 0.0006 | 0.0048 | 0.0311 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | arsenic | mg/kg | 32 | 32 | 100 | 0.592 | 5.67 | 2.436 | 1.256 | -- | -- | 2.851 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | bap teq | mg/kg | 31 | 32 | 97 | 0.00186 | 0.262 | 0.0368 | 0.0574 | 0.00053 | 0.00053 | 0.0795 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte05ft | benzene | µg/kg | 12 | 32 | 38 | 0.13 | 8.3 | 0.896 | 2.333 | 0.1 | 0.14 | 1.179 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 28 | 32 | 88 | 0.0013 | 0.26 | 0.0328 | 0.0517 | 0.0007 | 0.013 | 0.0672 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 31 | 32 | 97 | 0.0014 | 0.21 | 0.0279 | 0.0443 | 0.0005 | 0.0005 | 0.0609 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 29 | 32 | 91 | 0.0007 | 0.11 | 0.0151 | 0.0254 | 0.0004 | 0.007 | 0.0327 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 32 | 31 | 0.0017 | 0.042 | 0.00933 | 0.0121 | 0.0011 | 0.045 | 0.00704 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | cadmium | mg/kg | 15 | 32 | 47 | 0.0924 | 0.566 | 0.21 | 0.131 | 0.0883 | 0.0883 | 0.18 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | chrysene | mg/kg | 31 | 32 | 97 | 0.0045 | 0.75 | 0.0987 | 0.165 | 0.0012 | 0.0012 | 0.221 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 4.63 | 12.5 | 8.787 | 1.617 | -- | -- | 9.272 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte05ft | copper | mg/kg | 32 | 32 | 100 | 7.4 | 25.2 | 14.37 | 4.017 | -- | -- | 15.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 14 | 32 | 44 | 0.0008 | 0.044 | 0.00904 | 0.0124 | 0.0007 | 0.013 | 0.00751 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | ethylbenzene | µg/kg | 5 | 32 | 16 | 0.16 | 3.6 | 2.01 | 1.618 | 0.12 | 0.17 | 2.8 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 32 | 66 | 0.0009 | 0.058 | 0.00973 | 0.0132 | 0.0009 | 0.017 | 0.0113 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | lead | mg/kg | 32 | 32 | 100 | 5.53 | 32.4 | 12.25 | 7.463 | -- | -- | 14.56 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte05ft | naphthalene | mg/kg | 18 | 32 | 56 | 0.00034 | 0.033 | 0.0111 | 0.0118 | 0.00026 | 0.00035 | 0.00962 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | pyrene | mg/kg | 31 | 32 | 97 | 0.0025 | 1.3 | 0.0974 | 0.246 | 0.0008 | 0.0008 | 0.282 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24417 panama ave | lte05ft | toluene | µg/kg | 6 | 32 | 19 | 0.19 | 0.39 | 0.27 | 0.0696 | 0.12 | 0.15 | 0.264 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte05ft | tph as diesel | mg/kg | 29 | 32 | 91 | 12 | 920 | 247.9 | 257.8 | 4.8 | 4.8 | 422.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | tph as gasoline | mg/kg | 13 | 32 | 41 | 0.053 | 0.32 | 0.11 | 0.0836 | 0.047 | 0.072 | 0.095 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte05ft | tph as motor oil | mg/kg | 30 | 32 | 94 | 29 | 3200 | 821.6 | 974.5 | 7 | 7 | 1514 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 20.3 | 45 | 33.29 | 6.227 | -- | -- | 35.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte05ft | xylenes, total | µg/kg | 6 | 32 | 19 | 0.19 | 0.54 | 0.288 | 0.133 | 0.16 | 0.22 | 0.247 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24417 panama ave | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 22.2 | 64.7 | 37.72 | 8.809 | -- | -- | 40.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 47 | 28 | 0.14 | 3200 | 292.5 | 878.8 | 0.088 | 11 | 387.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24417 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 47 | 11 | 0.26 | 1100 | 222 | 490.8 | 0.074 | 9.4 | 67.3 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 22 | 47 | 47 | 0.0011 | 23 | 3.775 | 7.567 | 0.0011 | 0.043 | 5.28 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 43 | 47 | 91 | 0.0007 | 35 | 2.924 | 8.613 | 0.0006 | 0.012 | 7.94 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte10ft | arsenic | mg/kg | 47 | 47 | 100 | 0.592 | 11.1 | 2.88 | 1.803 | -- | -- | 3.309 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte10ft | bap teq | mg/kg | 41 | 47 | 87 | 0.00186 | 0.529 | 0.0537 | 0.0948 | 0.00053 | 0.208 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24417 panama ave | lte10ft | benzene | µg/kg | 21 | 47 | 45 | 0.13 | 9100 | 567.2 | 1990 | 0.1 | 13 | 1119 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 47 | 79 | 0.0013 | 0.44 | 0.0497 | 0.0853 | 0.0007 | 0.26 | 0.0918 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 40 | 47 | 85 | 0.0014 | 0.38 | 0.0391 | 0.0703 | 0.0005 | 0.2 | 0.0777 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24417 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 37 | 47 | 79 | 0.0007 | 0.11 | 0.016 | 0.0239 | 0.0004 | 0.14 | 0.0294 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 14 | 47 | 30 | 0.0015 | 0.042 | 0.00984 | 0.0126 | 0.0011 | 0.45 | 0.00704 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte10ft | cadmium | mg/kg | 24 | 47 | 51 | 0.0917 | 0.566 | 0.183 | 0.11 | 0.0883 | 0.0883 | 0.161 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte10ft | chrysene | mg/kg | 41 | 47 | 87 | 0.0045 | 1.2 | 0.152 | 0.242 | 0.0012 | 0.47 | 0.285 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24417 panama ave | lte10ft | cobalt | mg/kg | 47 | 47 | 100 | 4.63 | 13.6 | 9.306 | 1.816 | -- | -- | 9.751 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte10ft | copper | mg/kg | 47 | 47 | 100 | 7.4 | 27.1 | 15.72 | 4.297 | -- | -- | 16.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 18 | 47 | 38 | 0.0008 | 0.044 | 0.00859 | 0.0115 | 0.0007 | 0.27 | 0.00669 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte10ft | ethylbenzene | µg/kg | 14 | 47 | 30 | 0.16 | 24000 | 2817 | 6876 | 0.12 | 15 | 3372 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24417 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 25 | 47 | 53 | 0.0009 | 0.058 | 0.00954 | 0.0127 | 0.0009 | 0.35 | 0.01 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24417 panama ave | lte10ft | lead | mg/kg | 47 | 47 | 100 | 5.41 | 32.4 | 11.5 | 6.799 | -- | -- | 13.22 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte10ft | naphthalene | mg/kg | 31 | 47 | 66 | 0.00034 | 17 | 1.862 | 4.737 | 0.00026 | 0.00047 | 3.74 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte10ft | pyrene | mg/kg | 41 | 47 | 87 | 0.0025 | 2.9 | 0.21 | 0.506 | 0.0008 | 0.33 | 0.49 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24417 panama ave | lte10ft | toluene | µg/kg | 13 | 47 | 28 | 0.14 | 24 | 4.804 | 8.673 | 0.11 | 13 | 4.644 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte10ft | tph as diesel | mg/kg | 42 | 47 | 89 | 7 | 15000 | 1393 | 3436 | 4.8 | 4.8 | 3329 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte10ft | tph as gasoline | mg/kg | 25 | 47 | 53 | 0.053 | 3700 | 333.2 | 909.7 | 0.047 | 0.072 | 612.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte10ft | tph as motor oil | mg/kg | 43 | 47 | 91 | 12 | 14000 | 1846 | 3259 | 7 | 7 | 3699 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24417 panama ave | lte10ft | vanadium | mg/kg | 47 | 47 | 100 | 20.3 | 45.7 | 34.49 | 6.028 | -- | -- | 35.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24417 panama ave | lte10ft | xylenes, total | µg/kg | 12 | 47 | 26 | 0.19 | 5300 | 445.8 | 1529 | 0.15 | 19 | 621.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24417 panama ave | lte10ft | zinc | mg/kg | 47 | 47 | 100 | 22.2 | 64.7 | 38.89 | 8.279 | -- | -- | 40.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 8 | 88 | 1.6 | 1000 | 233.1 | 386.1 | 0.088 | 0.088 | 775.1 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 8 | 88 | 0.09 | 230 | 56.9 | 93.9 | 0.074 | 0.074 | 188.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 8 | 88 | 0.41 | 8.2 | 2.667 | 2.959 | 0.021 | 0.021 | 6.827 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 8 | 88 | 0.5 | 11 | 3.71 | 4.085 | 0.012 | 0.012 | 9.457 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 5.3 | 19.9 | 9.105 | 5.05 | -- | -- | 13.16 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.0749 | 0.448 | 0.193 | 0.136 | -- | -- | 0.284 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | benzene | µg/kg | 7 | 8 | 88 | 1.1 | 990 | 194.6 | 372.2 | 0.1 | 0.1 | 717.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.087 | 0.28 | 0.162 | 0.0813 | -- | -- | 0.216 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 8 | 100 | 0.059 | 0.38 | 0.152 | 0.114 | -- | -- | 0.255 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 8 | 100 | 0.033 | 0.17 | 0.0871 | 0.0553 | -- | -- | 0.124 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.17 | 1.2 | 0.504 | 0.378 | -- | -- | 0.853 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 7.63 | 10.1 | 8.693 | 0.83 | -- | -- | 9.248 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 12.2 | 17.8 | 14.96 | 2.163 | -- | -- | 16.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 8 | 88 | 3.1 | 3100 | 834.2 | 1182 | 0.12 | 0.12 | 2495 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 6.92 | 15.5 | 10.23 | 3.364 | -- | -- | 12.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | naphthalene | mg/kg | 7 | 8 | 88 | 0.15 | 3.3 | 1.394 | 1.532 | 0.00025 | 0.00025 | 3.3 | Maximum Detected | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.32 | 1.5 | 0.743 | 0.457 | -- | -- | 1.146 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | toluene | µg/kg | 5 | 8 | 63 | 0.16 | 45 | 12.13 | 19.46 | 0.11 | 12 | 18.83 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 190 | 14000 | 3833 | 4420 | -- | -- | 9081 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 8 | 88 | 81 | 580 | 274.4 | 175.3 | 0.047 | 0.047 | 369.4 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 250 | 16000 | 4231 | 5028 | -- | -- | 9817 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 28.7 | 41.2 | 34.11 | 4.841 | -- | -- | 37.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 8 | 88 | 1.1 | 260 | 69.34 | 96.57 | 0.15 | 0.15 | 205 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 33.7 | 59.4 | 44.3 | 9.692 | -- | -- | 50.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 14 | 64 | 0.0008 | 0.014 | 0.00427 | 0.00405 | 0.0006 | 0.006 | 0.00502 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 4.22 | 9.25 | 6.078 | 1.177 | -- | -- | 6.635 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00152 | 0.122 | 0.0226 | 0.0309 | -- | -- | 0.0415 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 14 | 93 | 0.001 | 0.16 | 0.0209 | 0.0424 | 0.0065 | 0.0065 | 0.0676 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 14 | 100 | 0.0011 | 0.083 | 0.0162 | 0.0212 | -- | -- | 0.0295 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 14 | 100 | 0.0008 | 0.066 | 0.0123 | 0.0171 | -- | -- | 0.023 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24419 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 14 | 36 | 0.0012 | 0.075 | 0.0252 | 0.0291 | 0.0011 | 0.011 | 0.025 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.0023 | 0.22 | 0.0362 | 0.0552 | -- | -- | 0.0656 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.54 | 11 | 9.041 | 1.343 | -- | -- | 9.676 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 11.5 | 40.2 | 18.38 | 7.288 | -- | -- | 21.82 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 14 | 36 | 0.0011 | 0.0087 | 0.00542 | 0.00293 | 0.0007 | 0.0067 | 0.00661 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 14 | 71 | 0.001 | 0.034 | 0.0103 | 0.0102 | 0.0009 | 0.0087 | 0.0124 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 5.78 | 39.5 | 14.75 | 11.76 | -- | -- | 28.45 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte02ft | naphthalene | mg/kg | 6 | 14 | 43 | 0.00054 | 0.0076 | 0.00253 | 0.00259 | 0.00025 | 0.00029 | 0.00234 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0023 | 0.37 | 0.0428 | 0.0956 | -- | -- | 0.154 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 5.5 | 1300 | 188.9 | 338.6 | -- | -- | 583.4 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 17 | 2500 | 400.8 | 659.3 | -- | -- | 1169 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 22.3 | 37.3 | 30.84 | 3.984 | -- | -- | 32.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 32.5 | 142 | 57.01 | 31.78 | -- | -- | 72.8 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 8 | 24 | 33 | 0.0013 | 3.8 | 0.699 | 1.286 | 0.0011 | 0.011 | 0.521 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 24 | 75 | 0.0008 | 4.4 | 0.378 | 1.047 | 0.0006 | 0.006 | 1.105 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 3.6 | 9.25 | 5.88 | 1.398 | -- | -- | 6.369 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte05ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00152 | 0.384 | 0.0441 | 0.0804 | -- | -- | 0.0738 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte05ft | benzene | µg/kg | 5 | 24 | 21 | 0.44 | 2.9 | 1.238 | 1.009 | 0.1 | 0.13 | 1.167 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 23 | 24 | 96 | 0.001 | 0.39 | 0.0473 | 0.0888 | 0.0065 | 0.0065 | 0.123 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 24 | 100 | 0.0011 | 0.29 | 0.0326 | 0.0603 | -- | -- | 0.0544 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 24 | 96 | 0.0005 | 0.18 | 0.0216 | 0.0384 | 0.0004 | 0.0004 | 0.0544 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 24 | 38 | 0.0012 | 0.075 | 0.0176 | 0.0229 | 0.0011 | 0.09 | 0.0141 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte05ft | chrysene | mg/kg | 24 | 24 | 100 | 0.0023 | 1.5 | 0.132 | 0.309 | -- | -- | 0.407 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 6.54 | 11.2 | 9.005 | 1.325 | -- | -- | 9.469 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 7.86 | 40.2 | 15.74 | 6.696 | -- | -- | 18.04 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 7 | 24 | 29 | 0.0011 | 0.0087 | 0.00454 | 0.00285 | 0.0007 | 0.054 | 0.00419 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte05ft | ethylbenzene | µg/kg | 6 | 24 | 25 | 0.13 | 44 | 14.88 | 21.81 | 0.12 | 0.14 | 8.351 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 24 | 63 | 0.001 | 0.083 | 0.0141 | 0.021 | 0.0009 | 0.043 | 0.0163 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 5.57 | 39.5 | 11.9 | 9.659 | -- | -- | 20.49 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte05ft | naphthalene | mg/kg | 12 | 24 | 50 | 0.00054 | 0.89 | 0.144 | 0.265 | 0.00025 | 0.00029 | 0.252 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte05ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0023 | 1.5 | 0.164 | 0.334 | -- | -- | 0.461 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte05ft | tph as diesel | mg/kg | 24 | 24 | 100 | 5.5 | 5500 | 617 | 1207 | -- | -- | 1691 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte05ft | tph as gasoline | mg/kg | 8 | 24 | 33 | 0.068 | 140 | 26.71 | 48.81 | 0.046 | 0.053 | 19.87 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte05ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 17 | 4900 | 783 | 1213 | -- | -- | 1862 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 22.3 | 39.4 | 31 | 4.158 | -- | -- | 32.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte05ft | xylenes, total | µg/kg | 5 | 24 | 21 | 0.27 | 2.4 | 1.214 | 1.088 | 0.15 | 0.19 | 0.696 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 25.5 | 142 | 48.23 | 26.69 | -- | -- | 58.04 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 32 | 34 | 0.11 | 1000 | 154 | 318.9 | 0.088 | 0.11 | 113.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 32 | 28 | 0.09 | 230 | 44.38 | 85.03 | 0.074 | 0.092 | 27.47 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 15 | 32 | 47 | 0.0013 | 8.2 | 1.618 | 2.369 | 0.0011 | 0.021 | 1.306 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 32 | 78 | 0.0008 | 11 | 1.311 | 2.698 | 0.0006 | 0.012 | 2.911 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 3.6 | 19.9 | 6.686 | 3.037 | -- | -- | 7.643 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte10ft | bap teq | mg/kg | 32 | 32 | 100 | 0.00152 | 0.448 | 0.0813 | 0.115 | -- | -- | 0.126 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | benzene | µg/kg | 12 | 32 | 38 | 0.44 | 990 | 114 | 292.4 | 0.1 | 0.13 | 187.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 31 | 32 | 97 | 0.001 | 0.39 | 0.0767 | 0.0995 | 0.0065 | 0.0065 | 0.151 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 32 | 32 | 100 | 0.0011 | 0.38 | 0.0624 | 0.0915 | -- | -- | 0.0972 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 31 | 32 | 97 | 0.0005 | 0.18 | 0.0385 | 0.0514 | 0.0004 | 0.0004 | 0.0767 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 32 | 38 | 0.0012 | 0.15 | 0.0324 | 0.0428 | 0.0011 | 0.09 | 0.0235 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | chrysene | mg/kg | 32 | 32 | 100 | 0.0023 | 1.5 | 0.225 | 0.361 | -- | -- | 0.503 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 6.54 | 11.2 | 8.927 | 1.215 | -- | -- | 9.291 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte10ft | copper | mg/kg | 32 | 32 | 100 | 7.86 | 40.2 | 15.55 | 5.869 | -- | -- | 17.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 32 | 28 | 0.0011 | 0.038 | 0.0112 | 0.0136 | 0.0007 | 0.054 | 0.00731 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | ethylbenzene | µg/kg | 13 | 32 | 41 | 0.13 | 3100 | 456 | 938.1 | 0.12 | 0.14 | 679.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 32 | 59 | 0.001 | 0.083 | 0.0175 | 0.0217 | 0.0009 | 0.043 | 0.0188 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | lead | mg/kg | 32 | 32 | 100 | 5.57 | 39.5 | 11.48 | 8.504 | -- | -- | 18.03 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte10ft | naphthalene | mg/kg | 19 | 32 | 59 | 0.00054 | 3.3 | 0.605 | 1.1 | 0.00025 | 0.00029 | 0.64 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | pyrene | mg/kg | 32 | 32 | 100 | 0.0023 | 1.5 | 0.309 | 0.441 | -- | -- | 0.648 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte10ft | toluene | µg/kg | 9 | 32 | 28 | 0.16 | 45 | 6.886 | 15.1 | 0.11 | 12 | 8.699 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 neptune ave | lte10ft | tph as diesel | mg/kg | 32 | 32 | 100 | 5.5 | 14000 | 1421 | 2737 | -- | -- | 3530 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24419 neptune ave | lte10ft | tph as gasoline | mg/kg | 15 | 32 | 47 | 0.068 | 580 | 142.3 | 175.3 | 0.046 | 0.053 | 108.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 neptune ave | lte10ft | tph as motor oil | mg/kg | 32 | 32 | 100 | 17 | 16000 | 1645 | 3017 | -- | -- | 3970 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 22.3 | 41.2 | 31.78 | 4.472 | -- | -- | 33.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 neptune ave | lte10ft | xylenes, total | µg/kg | 12 | 32 | 38 | 0.27 | 260 | 40.96 | 79.49 | 0.15 | 0.19 | 56.25 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 neptune ave | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 25.5 | 142 | 47.25 | 23.51 | -- | -- | 54.64 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 10 | 100 | 2.1 | 770 | 89.15 | 239.7 | -- | -- | 419.6 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 10 | 70 | 0.14 | 140 | 24.02 | 51.32 | 0.075 | 0.08 | 44.92 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 10 | 80 | 0.0069 | 3.3 | 0.467 | 1.147 | 0.0054 | 0.021 | 1.814 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.0068 | 4.9 | 0.545 | 1.532 | -- | -- | 2.657 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 1.45 | 8.2 | 5.89 | 2.161 | -- | -- | 7.143 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.00214 | 0.176 | 0.0412 | 0.0566 | -- | -- | 0.09 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | benzene | µg/kg | 10 | 10 | 100 | 0.18 | 26 | 4.825 | 8.692 | -- | -- | 17.3 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 10 | 80 | 0.014 | 0.25 | 0.0566 | 0.0798 | 0.0026 | 0.013 | 0.15 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 10 | 70 | 0.011 | 0.11 | 0.0403 | 0.0445 | 0.002 | 0.0099 | 0.0865 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 10 | 70 | 0.0077 | 0.11 | 0.0247 | 0.0378 | 0.0014 | 0.007 | 0.0399 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.0084 | 0.7 | 0.133 | 0.205 | -- | -- | 0.281 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.84 | 11.4 | 8.706 | 1.936 | -- | -- | 9.828 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.96 | 17.4 | 13.19 | 3.285 | -- | -- | 15.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 9 | 10 | 90 | 0.46 | 200 | 25.99 | 65.46 | 12 | 12 | 109.9 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 2.54 | 8.84 | 6.25 | 1.943 | -- | -- | 7.376 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.0015 | 1.4 | 0.219 | 0.433 | -- | -- | 0.973 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.011 | 0.52 | 0.18 | 0.168 | -- | -- | 0.278 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | toluene | µg/kg | 6 | 10 | 60 | 0.13 | 0.28 | 0.208 | 0.0574 | 0.12 | 12 | 0.233 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 10 | 90 | 87 | 1200 | 357.4 | 334.9 | 4.8 | 4.8 | 784.1 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 0.43 | 110 | 19.8 | 39.2 | -- | -- | 73.84 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 10 | 90 | 150 | 2200 | 593.3 | 629.6 | 7 | 7 | 1395 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 18 | 37.4 | 30.22 | 6.923 | -- | -- | 34.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 10 | 100 | 0.35 | 230 | 30.58 | 70.94 | -- | -- | 134.4 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 23.7 | 59 | 37.51 | 9.84 | -- | -- | 43.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 12 | 67 | 0.12 | 0.48 | 0.276 | 0.144 | 0.089 | 0.1 | 0.302 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 12 | 58 | 0.0038 | 0.013 | 0.00746 | 0.00356 | 0.0024 | 0.012 | 0.00826 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | antimony | mg/kg | 10 | 12 | 83 | 0.339 | 1.41 | 0.911 | 0.296 | 0.191 | 0.191 | 1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 2.53 | 7.08 | 5.127 | 1.472 | -- | -- | 5.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | bap teq | mg/kg | 9 | 12 | 75 | 0.00106 | 0.0503 | 0.018 | 0.0183 | 0.00208 | 0.0103 | 0.0231 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | benzene | µg/kg | 8 | 12 | 67 | 0.12 | 0.62 | 0.284 | 0.191 | 0.1 | 0.12 | 0.322 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 7 | 12 | 58 | 0.0027 | 0.032 | 0.016 | 0.0111 | 0.0013 | 0.013 | 0.0171 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 8 | 12 | 67 | 0.0011 | 0.039 | 0.0152 | 0.0143 | 0.001 | 0.0099 | 0.0178 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 5 | 12 | 42 | 0.0035 | 0.025 | 0.012 | 0.00844 | 0.0007 | 0.007 | 0.0143 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | chrysene | mg/kg | 9 | 12 | 75 | 0.0038 | 0.21 | 0.0548 | 0.0725 | 0.0047 | 0.024 | 0.127 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 6.33 | 10.1 | 7.833 | 1.094 | -- | -- | 8.401 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 6.51 | 20.3 | 12.45 | 3.457 | -- | -- | 14.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 3.49 | 29.1 | 10.78 | 7.902 | -- | -- | 15.87 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | naphthalene | mg/kg | 5 | 12 | 42 | 0.0004 | 0.048 | 0.0189 | 0.0216 | 0.00027 | 0.0003 | 0.0183 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | pyrene | mg/kg | 9 | 12 | 75 | 0.002 | 0.1 | 0.0228 | 0.033 | 0.0033 | 0.016 | 0.0558 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | lte02ft | toluene | µg/kg | 7 | 12 | 58 | 0.14 | 0.5 | 0.294 | 0.148 | 0.11 | 0.13 | 0.307 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | tph as diesel | mg/kg | 9 | 12 | 75 | 9.4 | 170 | 79.6 | 54.75 | 4.8 | 4.8 | 94.33 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | tph as gasoline | mg/kg | 5 | 12 | 42 | 0.062 | 0.11 | 0.084 | 0.0198 | 0.049 | 0.066 | 0.0853 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | tph as motor oil | mg/kg | 10 | 12 | 83 | 16 | 520 | 245.1 | 175.4 | 7 | 7 | 302.1 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 21.6 | 37.7 | 29.43 | 5.041 | -- | -- | 32.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | xylenes, total | µg/kg | 5 | 12 | 42 | 0.28 | 0.43 | 0.356 | 0.0586 | 0.15 | 0.18 | 0.373 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 21.3 | 83.6 | 40.82 | 16.59 | -- | -- | 50.29 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24419 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 22 | 59 | 0.12 | 37 | 3.094 | 10.19 | 0.089 | 0.1 | 9.292 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 22 | 27 | 0.0032 | 0.62 | 0.122 | 0.245 | 0.0043 | 0.021 | 0.0874 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 15 | 22 | 68 | 0.0034 | 0.83 | 0.0731 | 0.212 | 0.0024 | 0.012 | 0.217 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte05ft | antimony | mg/kg | 16 | 22 | 73 | 0.339 | 1.41 | 0.883 | 0.283 | 0.191 | 0.306 | 0.888 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 2.53 | 8.57 | 5.365 | 1.52 | -- | -- | 5.922 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte05ft | bap teq | mg/kg | 19 | 22 | 86 | 0.00106 | 0.0846 | 0.0227 | 0.0224 | 0.00208 | 0.0103 | 0.0405 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte05ft | benzene | µg/kg | 15 | 22 | 68 | 0.12 | 0.62 | 0.263 | 0.152 | 0.1 | 0.12 | 0.276 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 17 | 22 | 77 | 0.0027 | 0.094 | 0.0212 | 0.0231 | 0.0013 | 0.013 | 0.026 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24419 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 22 | 77 | 0.0011 | 0.065 | 0.0183 | 0.0173 | 0.001 | 0.0099 | 0.0302 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 9 | 22 | 41 | 0.0035 | 0.025 | 0.0127 | 0.00852 | 0.0007 | 0.007 | 0.0105 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 22 | 23 | 0.065 | 0.32 | 0.161 | 0.0949 | 0.22 | 0.22 | 0.165 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte05ft | chrysene | mg/kg | 19 | 22 | 86 | 0.0038 | 0.56 | 0.0803 | 0.131 | 0.0047 | 0.024 | 0.185 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 5.87 | 14.4 | 8.276 | 1.879 | -- | -- | 8.955 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 5.45 | 20.3 | 12.37 | 3.776 | -- | -- | 13.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte05ft | ethylbenzene | µg/kg | 5 | 22 | 23 | 0.15 | 7 | 1.608 | 3.019 | 0.12 | 0.14 | 1.066 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 3.49 | 29.1 | 8.706 | 6.253 | -- | -- | 14.52 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte05ft | naphthalene | mg/kg | 11 | 22 | 50 | 0.00027 | 0.15 | 0.0244 | 0.0445 | 0.00025 | 0.0003 | 0.0248 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte05ft | pyrene | mg/kg | 19 | 22 | 86 | 0.002 | 1.1 | 0.0976 | 0.248 | 0.0033 | 0.016 | 0.301 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | lte05ft | toluene | µg/kg | 13 | 22 | 59 | 0.12 | 0.5 | 0.235 | 0.128 | 0.11 | 0.13 | 0.23 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | lte05ft | tph as diesel | mg/kg | 18 | 22 | 82 | 9.4 | 650 | 206.7 | 220.3 | 4.8 | 4.8 | 369.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte05ft | tph as gasoline | mg/kg | 13 | 22 | 59 | 0.062 | 3.9 | 0.825 | 1.268 | 0.049 | 0.066 | 1.489 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte05ft | tph as motor oil | mg/kg | 19 | 22 | 86 | 16 | 860 | 334.9 | 256 | 7 | 7 | 388 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 19 | 40.3 | 30.07 | 5.728 | -- | -- | 32.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte05ft | xylenes, total | µg/kg | 9 | 22 | 41 | 0.28 | 4.5 | 0.983 | 1.391 | 0.15 | 0.18 | 0.94 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 19.9 | 83.6 | 38.21 | 13.66 | -- | -- | 43.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 23 | 32 | 72 | 0.12 | 770 | 40.51 | 159.6 | 0.089 | 0.1 | 134.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 32 | 28 | 0.099 | 140 | 18.75 | 45.66 | 0.075 | 0.091 | 13.08 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 14 | 32 | 44 | 0.0032 | 3.3 | 0.319 | 0.873 | 0.0043 | 0.021 | 0.604 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 32 | 78 | 0.0034 | 4.9 | 0.262 | 0.981 | 0.0024 | 0.012 | 0.879 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte10ft | antimony | mg/kg | 19 | 32 | 59 | 0.339 | 1.55 | 0.945 | 0.31 | 0.191 | 0.306 | 0.872 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 1.45 | 8.57 | 5.529 | 1.727 | -- | -- | 6.046 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte10ft | bap teq | mg/kg | 29 | 32 | 91 | 0.00106 | 0.176 | 0.0291 | 0.0379 | 0.00208 | 0.0103 | 0.0551 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte10ft | benzene | µg/kg | 25 | 32 | 78 | 0.12 | 26 | 2.088 | 5.792 | 0.1 | 0.12 | 5.654 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 25 | 32 | 78 | 0.0027 | 0.25 | 0.0326 | 0.05 | 0.0013 | 0.013 | 0.0615 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 24 | 32 | 75 | 0.0011 | 0.11 | 0.0247 | 0.0288 | 0.001 | 0.0099 | 0.0398 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 32 | 50 | 0.0035 | 0.11 | 0.018 | 0.0254 | 0.0007 | 0.007 | 0.0166 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 32 | 22 | 0.065 | 0.32 | 0.144 | 0.0848 | 0.22 | 0.22 | 0.148 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte10ft | chrysene | mg/kg | 29 | 32 | 91 | 0.0038 | 0.7 | 0.0983 | 0.158 | 0.0047 | 0.024 | 0.208 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 5.84 | 14.4 | 8.411 | 1.876 | -- | -- | 8.979 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte10ft | copper | mg/kg | 32 | 32 | 100 | 5.45 | 20.3 | 12.62 | 3.597 | -- | -- | 13.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte10ft | ethylbenzene | µg/kg | 14 | 32 | 44 | 0.15 | 200 | 17.28 | 52.79 | 0.12 | 12 | 35.42 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24419 ravenna ave | lte10ft | lead | mg/kg | 32 | 32 | 100 | 2.54 | 29.1 | 7.938 | 5.377 | -- | -- | 9.638 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte10ft | naphthalene | mg/kg | 21 | 32 | 66 | 0.00027 | 1.4 | 0.117 | 0.309 | 0.00025 | 0.0003 | 0.162 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24419 ravenna ave | lte10ft | pyrene | mg/kg | 29 | 32 | 91 | 0.002 | 1.1 | 0.126 | 0.224 | 0.0033 | 0.016 | 0.281 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte10ft | toluene | µg/kg | 19 | 32 | 59 | 0.12 | 0.5 | 0.226 | 0.109 | 0.11 | 12 | 0.219 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte10ft | tph as diesel | mg/kg | 27 | 32 | 84 | 9.4 | 1200 | 257 | 267.4 | 4.8 | 4.8 | 420.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte10ft | tph as gasoline | mg/kg | 23 | 32 | 72 | 0.062 | 110 | 9.077 | 26.87 | 0.049 | 0.066 | 24.38 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte10ft | tph as motor oil | mg/kg | 28 | 32 | 88 | 16 | 2200 | 418 | 419.8 | 7 | 7 | 514.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24419 ravenna ave | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 18 | 40.3 | 30.12 | 6.012 | -- | -- | 31.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24419 ravenna ave | lte10ft | xylenes, total | µg/kg | 19 | 32 | 59 | 0.28 | 230 | 16.56 | 52.42 | 0.15 | 0.18 | 41.71 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24419 ravenna ave | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 19.9 | 83.6 | 37.99 | 12.43 | -- | -- | 41.84 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 19 | 53 | 0.14 | 1 | 0.501 | 0.276 | 0.09 | 0.11 | 0.486 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 19 | 26 | 0.0012 | 0.14 | 0.0304 | 0.0613 | 0.0011 | 0.086 | 0.0439 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 19 | 84 | 0.0014 | 0.36 | 0.0446 | 0.0982 | 0.006 | 0.03 | 0.13 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 1.43 | 7.37 | 3.863 | 1.534 | -- | -- | 4.473 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte02ft | bap teq | mg/kg | 18 | 19 | 95 | 0.00188 | 1.113 | 0.118 | 0.269 | 0.0261 | 0.0261 | 0.376 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte02ft | benzene | µg/kg | 11 | 19 | 58 | 0.12 | 0.39 | 0.185 | 0.0802 | 0.1 | 0.13 | 0.186 | 95% KM (t) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 19 | 89 | 0.0023 | 0.6 | 0.0846 | 0.174 | 0.033 | 0.033 | 0.243 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 19 | 89 | 0.0013 | 0.85 | 0.0909 | 0.209 | 0.025 | 0.025 | 0.282 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 19 | 84 | 0.0008 | 0.48 | 0.0577 | 0.124 | 0.0028 | 0.018 | 0.165 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 19 | 32 | 0.0032 | 0.15 | 0.059 | 0.0598 | 0.0011 | 0.056 | 0.0522 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte02ft | cadmium | mg/kg | 5 | 19 | 26 | 0.0894 | 1.09 | 0.318 | 0.432 | 0.0883 | 0.0883 | 0.26 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte02ft | chrysene | mg/kg | 18 | 19 | 95 | 0.0048 | 2.1 | 0.256 | 0.538 | 0.059 | 0.059 | 0.77 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 2.68 | 9.09 | 7.311 | 1.563 | -- | -- | 8.115 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 6.23 | 17.7 | 12.11 | 2.895 | -- | -- | 13.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 13 | 19 | 68 | 0.0013 | 0.25 | 0.0376 | 0.0701 | 0.0007 | 0.034 | 0.087 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 19 | 68 | 0.0014 | 0.34 | 0.0536 | 0.0963 | 0.0009 | 0.043 | 0.121 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24420 panama ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 4.29 | 89.5 | 14.97 | 19.16 | -- | -- | 34.12 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte02ft | naphthalene | mg/kg | 13 | 19 | 68 | 0.0014 | 0.14 | 0.0246 | 0.0438 | 0.00026 | 0.00032 | 0.0552 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte02ft | pyrene | mg/kg | 18 | 19 | 95 | 0.0027 | 1.4 | 0.181 | 0.397 | 0.041 | 0.041 | 0.561 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte02ft | toluene | µg/kg | 12 | 19 | 63 | 0.15 | 1 | 0.312 | 0.238 | 0.12 | 0.15 | 0.349 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte02ft | tph as diesel | mg/kg | 17 | 19 | 89 | 12 | 6000 | 952.8 | 1780 | 4.8 | 4.8 | 2564 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte02ft | tph as motor oil | mg/kg | 19 | 19 | 100 | 9.7 | 19000 | 2654 | 5253 | -- | -- | 6463 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 8.37 | 34.4 | 25.39 | 5.377 | -- | -- | 27.53 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte02ft | xylenes, total | µg/kg | 6 | 19 | 32 | 0.17 | 0.67 | 0.343 | 0.199 | 0.16 | 0.2 | 0.298 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 20.6 | 143 | 68.42 | 40.98 | -- | -- | 87.63 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 26 | 50 | 0.12 | 1 | 0.478 | 0.28 | 0.089 | 0.11 | 0.422 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 8 | 26 | 31 | 0.0012 | 0.14 | 0.0214 | 0.0482 | 0.0011 | 0.086 | 0.0173 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 26 | 77 | 0.0014 | 0.36 | 0.0379 | 0.0885 | 0.0006 | 0.03 | 0.0975 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 1.43 | 9.05 | 4.205 | 1.739 | -- | -- | 4.787 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte05ft | bap teq | mg/kg | 23 | 26 | 88 | 0.000567 | 1.113 | 0.0959 | 0.241 | 0.00053 | 0.0261 | 0.281 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte05ft | benzene | µg/kg | 14 | 26 | 54 | 0.12 | 0.39 | 0.176 | 0.0742 | 0.1 | 0.13 | 0.171 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 20 | 26 | 77 | 0.0011 | 0.6 | 0.0739 | 0.162 | 0.0007 | 0.033 | 0.182 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 21 | 26 | 81 | 0.0005 | 0.85 | 0.0762 | 0.19 | 0.0005 | 0.025 | 0.21 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 26 | 73 | 0.0005 | 0.48 | 0.0501 | 0.115 | 0.0004 | 0.018 | 0.123 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 26 | 23 | 0.0032 | 0.15 | 0.059 | 0.0598 | 0.0011 | 0.056 | 0.0485 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte05ft | cadmium | mg/kg | 5 | 26 | 19 | 0.0894 | 1.09 | 0.318 | 0.432 | 0.0883 | 0.0883 | 0.244 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte05ft | chrysene | mg/kg | 23 | 26 | 88 | 0.0012 | 2.1 | 0.206 | 0.483 | 0.0012 | 0.059 | 0.575 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 2.68 | 11.5 | 8.023 | 1.856 | -- | -- | 8.645 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 6.23 | 19.9 | 13.26 | 3.429 | -- | -- | 14.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 15 | 26 | 58 | 0.001 | 0.25 | 0.0338 | 0.0657 | 0.0007 | 0.034 | 0.0652 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 26 | 58 | 0.0014 | 0.34 | 0.0481 | 0.0905 | 0.0009 | 0.043 | 0.0907 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 4.29 | 89.5 | 13.14 | 16.6 | -- | -- | 27.33 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte05ft | naphthalene | mg/kg | 19 | 26 | 73 | 0.001 | 0.14 | 0.0179 | 0.0373 | 0.00026 | 0.00032 | 0.0414 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte05ft | pyrene | mg/kg | 21 | 26 | 81 | 0.0015 | 1.4 | 0.158 | 0.371 | 0.0008 | 0.041 | 0.418 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte05ft | toluene | µg/kg | 15 | 26 | 58 | 0.13 | 1 | 0.286 | 0.22 | 0.11 | 0.15 | 0.282 | 95% KM (t) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte05ft | tph as diesel | mg/kg | 20 | 26 | 77 | 5.7 | 6000 | 823.5 | 1665 | 4.8 | 4.8 | 1919 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte05ft | tph as motor oil | mg/kg | 23 | 26 | 88 | 9.7 | 19000 | 2230 | 4846 | 7 | 7 | 5919 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 8.37 | 42.7 | 28.01 | 6.881 | -- | -- | 30.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte05ft | xylenes, total | µg/kg | 7 | 26 | 27 | 0.17 | 0.67 | 0.323 | 0.19 | 0.15 | 0.2 | 0.259 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 20.6 | 143 | 61.84 | 36.71 | -- | -- | 93.22 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 33 | 45 | 0.12 | 1 | 0.453 | 0.274 | 0.089 | 0.11 | 0.366 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 33 | 30 | 0.0012 | 0.14 | 0.0178 | 0.0431 | 0.0011 | 0.086 | 0.0154 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 23 | 33 | 70 | 0.0008 | 0.36 | 0.0337 | 0.083 | 0.0006 | 0.03 | 0.0779 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 1.43 | 9.05 | 4.037 | 1.61 | -- | -- | 4.537 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24420 panama ave | lte10ft | bap teq | mg/kg | 28 | 33 | 85 | 0.000542 | 1.113 | 0.0796 | 0.22 | 0.00053 | 0.0261 | 0.223 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | benzene | µg/kg | 18 | 33 | 55 | 0.12 | 1.9 | 0.331 | 0.454 | 0.1 | 0.13 | 0.346 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 24 | 33 | 73 | 0.0011 | 0.6 | 0.0625 | 0.149 | 0.0007 | 0.033 | 0.145 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 25 | 33 | 76 | 0.0005 | 0.85 | 0.0647 | 0.175 | 0.0005 | 0.025 | 0.167 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 21 | 33 | 64 | 0.0005 | 0.48 | 0.0455 | 0.11 | 0.0004 | 0.018 | 0.0979 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 33 | 21 | 0.0019 | 0.15 | 0.0509 | 0.0587 | 0.0011 | 0.056 | 0.0263 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte10ft | cadmium | mg/kg | 6 | 33 | 18 | 0.0894 | 1.09 | 0.294 | 0.391 | 0.0883 | 0.0883 | 0.2 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte10ft | chrysene | mg/kg | 28 | 33 | 85 | 0.0012 | 2.1 | 0.171 | 0.443 | 0.0012 | 0.059 | 0.459 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 2.68 | 11.5 | 7.664 | 1.936 | -- | -- | 8.234 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 5.82 | 19.9 | 12.48 | 3.538 | -- | -- | 13.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 16 | 33 | 48 | 0.001 | 0.25 | 0.0319 | 0.064 | 0.0007 | 0.034 | 0.052 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 33 | 48 | 0.0014 | 0.34 | 0.0452 | 0.0881 | 0.0009 | 0.043 | 0.0724 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 2.54 | 89.5 | 11.17 | 15.18 | -- | -- | 22.69 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte10ft | naphthalene | mg/kg | 24 | 33 | 73 | 0.001 | 0.14 | 0.0181 | 0.0343 | 0.00026 | 0.00032 | 0.0364 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24420 panama ave | lte10ft | pyrene | mg/kg | 25 | 33 | 76 | 0.0015 | 1.4 | 0.134 | 0.343 | 0.0008 | 0.041 | 0.333 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | toluene | µg/kg | 18 | 33 | 55 | 0.13 | 1 | 0.304 | 0.207 | 0.11 | 0.15 | 0.277 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24420 panama ave | lte10ft | tph as diesel | mg/kg | 23 | 33 | 70 | 5 | 6000 | 730 | 1567 | 4.8 | 4.8 | 1536 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | tph as motor oil | mg/kg | 27 | 33 | 82 | 9.7 | 19000 | 1932 | 4519 | 7 | 7 | 4737 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24420 panama ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 8.37 | 42.7 | 26.66 | 6.9 | -- | -- | 28.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte10ft | xylenes, total | µg/kg | 7 | 33 | 21 | 0.17 | 0.67 | 0.323 | 0.19 | 0.15 | 0.2 | 0.244 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24420 panama ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 18.2 | 143 | 54.78 | 35.42 | -- | -- | 81.66 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24421 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 11 | 73 | 0.044 | 43 | 7.73 | 14.51 | 0.0043 | 0.043 | 22.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 11 | 82 | 0.0043 | 68 | 10.82 | 21.9 | 0.003 | 0.024 | 35.53 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 1.92 | 12.2 | 4.961 | 2.892 | -- | -- | 6.774 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.00718 | 0.211 | 0.0787 | 0.0706 | -- | -- | 0.117 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 11 | 82 | 0.0036 | 0.29 | 0.0788 | 0.0864 | 0.13 | 0.26 | 0.182 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 11 | 55 | 0.0052 | 0.13 | 0.0569 | 0.0537 | 0.02 | 0.2 | 0.0721 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 11 | 45 | 0.0047 | 0.049 | 0.0222 | 0.0223 | 0.014 | 0.14 | 0.0265 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.0054 | 0.56 | 0.266 | 0.193 | -- | -- | 0.372 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 5.3 | 13.5 | 9.287 | 2.489 | -- | -- | 10.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 10 | 24.7 | 17.33 | 4.459 | -- | -- | 19.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 11 | 64 | 0.14 | 25000 | 5035 | 8996 | 0.12 | 0.16 | 7821 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 3.76 | 10.2 | 7.233 | 2.239 | -- | -- | 8.457 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | naphthalene | mg/kg | 10 | 11 | 91 | 0.00087 | 38 | 5.373 | 11.79 | 0.00034 | 0.00034 | 19.81 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | pyrene | mg/kg | 10 | 11 | 91 | 0.014 | 1 | 0.418 | 0.335 | 0.33 | 0.33 | 0.574 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | tph as diesel | mg/kg | 11 | 11 | 100 | 28 | 21000 | 5182 | 6896 | -- | -- | 17721 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 11 | 100 | 0.092 | 2600 | 366.5 | 780.6 | -- | -- | 2325 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 66 | 16000 | 4865 | 5550 | -- | -- | 12406 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 20.3 | 43.8 | 34.25 | 7.106 | -- | -- | 38.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 11 | 64 | 0.26 | 920 | 265.6 | 324 | 0.16 | 33 | 341.8 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 47.9 | 116 | 66.82 | 22.8 | -- | -- | 80.02 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24421 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 12 | 50 | 0.16 | 0.35 | 0.245 | 0.074 | 0.11 | 0.12 | 0.253 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.0047 | 0.16 | 0.0565 | 0.0581 | 0.0048 | 0.0048 | 0.0774 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 1.44 | 5.32 | 2.731 | 0.989 | -- | -- | 3.244 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | bap teq | mg/kg | 9 | 12 | 75 | 0.00292 | 0.283 | 0.125 | 0.107 | 0.00208 | 0.00411 | 0.151 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | benzene | µg/kg | 8 | 12 | 67 | 0.15 | 0.48 | 0.22 | 0.111 | 0.13 | 0.14 | 0.245 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24421 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 12 | 75 | 0.0082 | 0.37 | 0.154 | 0.155 | 0.0026 | 0.0052 | 0.306 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 8 | 12 | 67 | 0.0087 | 0.2 | 0.0996 | 0.0715 | 0.002 | 0.0039 | 0.113 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 12 | 58 | 0.0055 | 0.12 | 0.0558 | 0.0415 | 0.0014 | 0.0028 | 0.0616 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | cadmium | mg/kg | 8 | 12 | 67 | 0.0985 | 0.338 | 0.209 | 0.101 | 0.0883 | 0.0883 | 0.223 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | chrysene | mg/kg | 9 | 12 | 75 | 0.014 | 0.85 | 0.359 | 0.333 | 0.0047 | 0.0095 | 0.443 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.13 | 10 | 7.879 | 1.187 | -- | -- | 8.494 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 7.9 | 21.6 | 13.93 | 4.281 | -- | -- | 16.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 12 | 67 | 0.0043 | 0.07 | 0.0389 | 0.0243 | 0.0035 | 0.0069 | 0.0433 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.52 | 39.6 | 12.14 | 9.421 | -- | -- | 17.25 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte02ft | naphthalene | mg/kg | 7 | 12 | 58 | 0.00031 | 0.12 | 0.0424 | 0.0395 | 0.00025 | 0.00034 | 0.0479 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | pyrene | mg/kg | 10 | 12 | 83 | 0.0096 | 0.73 | 0.256 | 0.279 | 0.0065 | 0.0065 | 0.559 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 98 | 1100 | 523.2 | 262.1 | -- | -- | 659 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 360 | 2300 | 1456 | 690.3 | -- | -- | 1814 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 23.2 | 36.2 | 28.73 | 3.63 | -- | -- | 30.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 43.9 | 135 | 76.36 | 23.45 | -- | -- | 88.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 19 | 47 | 0.12 | 14000 | 1565 | 4663 | 0.09 | 0.12 | 4056 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24421 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 19 | 26 | 0.0061 | 18 | 5.613 | 8.162 | 0.0011 | 0.043 | 4.849 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 15 | 19 | 79 | 0.0007 | 26 | 2.705 | 7.379 | 0.0006 | 0.012 | 8.791 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24421 panama ave | lte05ft | arsenic | mg/kg | 18 | 19 | 95 | 1.02 | 5.32 | 2.364 | 1.006 | 0.398 | 0.398 | 2.728 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte05ft | bap teq | mg/kg | 14 | 19 | 74 | 0.000549 | 0.283 | 0.0845 | 0.101 | 0.00208 | 0.196 | 0.161 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte05ft | benzene | µg/kg | 13 | 19 | 68 | 0.11 | 32 | 2.795 | 8.793 | 0.11 | 0.14 | 9.336 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24421 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 19 | 68 | 0.0014 | 0.37 | 0.111 | 0.144 | 0.0007 | 0.22 | 0.131 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 10 | 19 | 53 | 0.0087 | 0.2 | 0.0839 | 0.0714 | 0.0005 | 0.2 | 0.0774 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 8 | 19 | 42 | 0.0055 | 0.12 | 0.0497 | 0.0421 | 0.0004 | 0.14 | 0.0466 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte05ft | cadmium | mg/kg | 8 | 19 | 42 | 0.0985 | 0.338 | 0.209 | 0.101 | 0.0883 | 0.0883 | 0.188 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte05ft | chrysene | mg/kg | 14 | 19 | 74 | 0.0025 | 0.85 | 0.242 | 0.309 | 0.0047 | 0.22 | 0.468 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 5.13 | 11.3 | 8.451 | 1.566 | -- | -- | 9.074 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 7.9 | 21.6 | 14.28 | 3.985 | -- | -- | 15.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 19 | 47 | 0.0043 | 0.07 | 0.0352 | 0.0252 | 0.0009 | 0.35 | 0.0328 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 4.52 | 39.6 | 10.64 | 7.677 | -- | -- | 13.91 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24421 panama ave | lte05ft | naphthalene | mg/kg | 10 | 19 | 53 | 0.00031 | 15 | 2.361 | 5.144 | 0.00025 | 0.00034 | 5.176 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24421 panama ave | lte05ft | pyrene | mg/kg | 16 | 19 | 84 | 0.0045 | 0.73 | 0.216 | 0.249 | 0.0008 | 0.0065 | 0.425 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte05ft | toluene | µg/kg | 6 | 19 | 32 | 0.16 | 530 | 89.13 | 216 | 0.12 | 0.18 | 157.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24421 panama ave | lte05ft | tph as diesel | mg/kg | 19 | 19 | 100 | 17 | 11000 | 1333 | 2809 | -- | -- | 4142 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24421 panama ave | lte05ft | tph as gasoline | mg/kg | 6 | 19 | 32 | 0.056 | 1100 | 183.7 | 448.9 | 0.05 | 0.072 | 327.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24421 panama ave | lte05ft | tph as motor oil | mg/kg | 19 | 19 | 100 | 43 | 8900 | 1821 | 2184 | -- | -- | 2908 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 23.2 | 38.3 | 29.6 | 4.195 | -- | -- | 31.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 39.5 | 242 | 93.44 | 53.33 | -- | -- | 114.8 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24421 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 30 | 43 | 0.12 | 14000 | 1417 | 3865 | 0.09 | 19 | 2721 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24421 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 30 | 20 | 21 | 5200 | 967.3 | 2077 | 0.076 | 16 | 525.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 13 | 30 | 43 | 0.0061 | 43 | 6.916 | 12.09 | 0.0011 | 0.043 | 5.706 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 30 | 80 | 0.0007 | 68 | 5.749 | 14.7 | 0.0006 | 0.024 | 15.23 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24421 panama ave | lte10ft | arsenic | mg/kg | 29 | 30 | 97 | 1.02 | 12.2 | 3.349 | 2.29 | 0.398 | 0.398 | 4.057 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24421 panama ave | lte10ft | bap teq | mg/kg | 25 | 30 | 83 | 0.000549 | 0.283 | 0.082 | 0.0875 | 0.00208 | 0.196 | 0.139 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte10ft | benzene | µg/kg | 16 | 30 | 53 | 0.11 | 94 | 8.209 | 24.2 | 0.11 | 22 | 18.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24421 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 22 | 30 | 73 | 0.0014 | 0.37 | 0.0978 | 0.122 | 0.0007 | 0.26 | 0.165 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 16 | 30 | 53 | 0.0052 | 0.2 | 0.0737 | 0.0648 | 0.0005 | 0.2 | 0.0669 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 30 | 43 | 0.0047 | 0.12 | 0.0391 | 0.0373 | 0.0004 | 0.14 | 0.0316 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte10ft | cadmium | mg/kg | 9 | 30 | 30 | 0.0887 | 0.338 | 0.195 | 0.102 | 0.0883 | 0.0883 | 0.153 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte10ft | chrysene | mg/kg | 25 | 30 | 83 | 0.0025 | 0.85 | 0.253 | 0.259 | 0.0047 | 0.22 | 0.416 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 5.13 | 13.5 | 8.757 | 1.956 | -- | -- | 9.364 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 7.9 | 24.7 | 15.4 | 4.352 | -- | -- | 16.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte10ft | ethylbenzene | µg/kg | 9 | 30 | 30 | 0.14 | 25000 | 4318 | 7970 | 0.12 | 0.18 | 2798 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 30 | 33 | 0.0043 | 0.07 | 0.0322 | 0.0256 | 0.0009 | 0.35 | 0.0237 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 3.76 | 39.6 | 9.388 | 6.41 | -- | -- | 11.51 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24421 panama ave | lte10ft | naphthalene | mg/kg | 20 | 30 | 67 | 0.00031 | 38 | 3.867 | 8.986 | 0.00025 | 0.00034 | 8.604 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24421 panama ave | lte10ft | pyrene | mg/kg | 26 | 30 | 87 | 0.0045 | 1 | 0.294 | 0.296 | 0.0008 | 0.33 | 0.49 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24421 panama ave | lte10ft | toluene | µg/kg | 7 | 30 | 23 | 0.16 | 530 | 78.11 | 199.3 | 0.12 | 25 | 50.25 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24421 panama ave | lte10ft | tph as diesel | mg/kg | 30 | 30 | 100 | 17 | 21000 | 2744 | 4985 | -- | -- | 6712 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24421 panama ave | lte10ft | tph as gasoline | mg/kg | 17 | 30 | 57 | 0.056 | 2600 | 302 | 672.2 | 0.05 | 0.072 | 592.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24421 panama ave | lte10ft | tph as motor oil | mg/kg | 30 | 30 | 100 | 43 | 16000 | 2937 | 3976 | -- | -- | 4525 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24421 panama ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 20.3 | 43.8 | 31.31 | 5.791 | -- | -- | 33.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24421 panama ave | lte10ft | xylenes, total | µg/kg | 9 | 30 | 30 | 0.26 | 20000 | 2445 | 6589 | 0.15 | 33 | 1913 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24421 panama ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 39.5 | 242 | 83.68 | 45.99 | -- | -- | 98.53 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 11 | 73 | 0.28 | 1400 | 355.1 | 586.8 | 0.1 | 0.49 | 952.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 11 | 55 | 0.11 | 2300 | 893.7 | 873.3 | 0.086 | 64 | 1105 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 11 | 100 | 0.007 | 16 | 3.698 | 5.066 | -- | -- | 14.56 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 0.0087 | 24 | 5.417 | 7.541 | -- | -- | 21.49 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 3.67 | 9.62 | 6.722 | 1.984 | -- | -- | 7.806 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.00249 | 0.605 | 0.156 | 0.2 | -- | -- | 0.409 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | benzene | µg/kg | 9 | 11 | 82 | 0.16 | 1700 | 254.9 | 567.7 | 12 | 13 | 897.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 11 | 91 | 0.0034 | 0.91 | 0.213 | 0.288 | 0.065 | 0.065 | 0.565 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 11 | 73 | 0.0017 | 0.4 | 0.139 | 0.14 | 0.0025 | 0.049 | 0.177 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 11 | 45 | 0.0015 | 0.15 | 0.0459 | 0.0641 | 0.0018 | 0.14 | 0.0564 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.0085 | 2.1 | 0.523 | 0.67 | -- | -- | 1.309 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 5.16 | 11.8 | 8.64 | 1.611 | -- | -- | 9.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 11.7 | 54.7 | 19.56 | 11.9 | -- | -- | 26.62 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 11 | 64 | 0.3 | 8800 | 2100 | 3308 | 0.13 | 15 | 2786 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 2.7 | 11.6 | 5.845 | 3.435 | -- | -- | 8.897 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | naphthalene | mg/kg | 11 | 11 | 100 | 0.0057 | 18 | 3.954 | 5.427 | -- | -- | 15.38 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.0073 | 3.2 | 0.995 | 1.167 | -- | -- | 2.606 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | toluene | µg/kg | 8 | 11 | 73 | 0.27 | 280 | 40.54 | 97.2 | 0.43 | 15 | 141.4 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 11 | 11 | 100 | 19 | 13000 | 3789 | 4809 | -- | -- | 12525 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 11 | 100 | 0.17 | 1600 | 391.3 | 510.8 | -- | -- | 1600 | Maximum Detected | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 27 | 17000 | 4691 | 5822 | -- | -- | 15176 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 21.7 | 39 | 32.75 | 4.486 | -- | -- | 35.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 11 | 91 | 0.28 | 480 | 139.2 | 209.1 | 0.47 | 0.47 | 394.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 33 | 59.1 | 43.89 | 9.736 | -- | -- | 49.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 18 | 61 | 0.15 | 0.39 | 0.225 | 0.0863 | 0.093 | 0.11 | 0.228 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 18 | 89 | 0.0013 | 0.029 | 0.0157 | 0.00959 | 0.012 | 0.024 | 0.0188 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 2.09 | 5.97 | 4.073 | 1.172 | -- | -- | 4.553 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte02ft | bap teq | mg/kg | 17 | 18 | 94 | 0.000606 | 0.0983 | 0.0296 | 0.0265 | 0.0103 | 0.0103 | 0.0554 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte02ft | benzene | µg/kg | 17 | 18 | 94 | 0.12 | 2 | 0.566 | 0.521 | 0.11 | 0.11 | 1.072 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24422 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 18 | 94 | 0.0009 | 0.11 | 0.0301 | 0.0273 | 0.013 | 0.013 | 0.0567 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 18 | 78 | 0.0016 | 0.073 | 0.0246 | 0.0194 | 0.0005 | 0.0099 | 0.0282 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 18 | 50 | 0.005 | 0.057 | 0.0222 | 0.0174 | 0.0004 | 0.007 | 0.0207 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte02ft | chrysene | mg/kg | 17 | 18 | 94 | 0.0027 | 0.32 | 0.0804 | 0.0765 | 0.024 | 0.024 | 0.155 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5 | 14.1 | 8.822 | 1.927 | -- | -- | 9.612 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 7.87 | 35.2 | 16.49 | 6.379 | -- | -- | 19.26 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 18 | 33 | 0.004 | 0.04 | 0.0157 | 0.0163 | 0.0009 | 0.035 | 0.0146 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 2.38 | 39.7 | 9.19 | 8.703 | -- | -- | 12.87 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte02ft | naphthalene | mg/kg | 10 | 18 | 56 | 0.00026 | 0.02 | 0.00666 | 0.00676 | 0.00027 | 0.00032 | 0.00645 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte02ft | pyrene | mg/kg | 16 | 18 | 89 | 0.0029 | 0.5 | 0.0709 | 0.123 | 0.0008 | 0.016 | 0.185 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte02ft | toluene | µg/kg | 17 | 18 | 94 | 0.17 | 2.3 | 0.611 | 0.59 | 0.12 | 0.12 | 1.185 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte02ft | tph as diesel | mg/kg | 17 | 18 | 94 | 23 | 2400 | 427.3 | 639 | 4.8 | 4.8 | 1050 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte02ft | tph as gasoline | mg/kg | 5 | 18 | 28 | 0.064 | 0.17 | 0.112 | 0.0402 | 0.047 | 0.063 | 0.113 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte02ft | tph as motor oil | mg/kg | 17 | 18 | 94 | 77 | 3800 | 802.2 | 955.3 | 7 | 7 | 1732 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 18.6 | 37.1 | 30.13 | 4.843 | -- | -- | 32.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte02ft | xylenes, total | µg/kg | 10 | 18 | 56 | 0.19 | 1 | 0.426 | 0.305 | 0.15 | 0.19 | 0.427 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 25.1 | 127 | 47.99 | 22.62 | -- | -- | 56.69 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 20 | 32 | 63 | 0.12 | 1.6 | 0.311 | 0.32 | 0.093 | 9.7 | 0.355 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 32 | 38 | 0.0057 | 6.8 | 0.755 | 1.935 | 0.0011 | 0.043 | 1.245 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 29 | 32 | 91 | 0.0013 | 11 | 0.46 | 2.035 | 0.012 | 0.024 | 1.914 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte05ft | arsenic | mg/kg | 32 | 32 | 100 | 1.51 | 8.12 | 4.416 | 1.647 | -- | -- | 4.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte05ft | bap teq | mg/kg | 31 | 32 | 97 | 0.000606 | 0.57 | 0.0676 | 0.113 | 0.0103 | 0.0103 | 0.152 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte05ft | benzene | µg/kg | 27 | 32 | 84 | 0.12 | 5 | 0.647 | 0.971 | 0.11 | 11 | 1.302 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 31 | 32 | 97 | 0.0009 | 0.87 | 0.088 | 0.169 | 0.013 | 0.013 | 0.214 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 32 | 75 | 0.0016 | 0.4 | 0.0591 | 0.0877 | 0.0005 | 0.049 | 0.107 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 15 | 32 | 47 | 0.005 | 0.17 | 0.042 | 0.0475 | 0.0004 | 0.07 | 0.034 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte05ft | cadmium | mg/kg | 7 | 32 | 22 | 0.104 | 0.648 | 0.249 | 0.197 | 0.0883 | 0.0883 | 0.169 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte05ft | chrysene | mg/kg | 31 | 32 | 97 | 0.0027 | 2 | 0.217 | 0.397 | 0.024 | 0.024 | 0.513 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 5 | 14.1 | 8.843 | 1.781 | -- | -- | 9.377 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte05ft | copper | mg/kg | 32 | 32 | 100 | 7.87 | 35.2 | 16.38 | 5.945 | -- | -- | 18.19 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 32 | 28 | 0.0018 | 0.1 | 0.0195 | 0.032 | 0.0007 | 0.13 | 0.0133 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte05ft | ethylbenzene | µg/kg | 10 | 32 | 31 | 0.14 | 30 | 4.378 | 9.501 | 0.12 | 13 | 5.883 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 32 | 38 | 0.004 | 0.11 | 0.0258 | 0.0301 | 0.0009 | 0.17 | 0.0199 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte05ft | lead | mg/kg | 32 | 32 | 100 | 1.22 | 39.7 | 7.269 | 7.081 | -- | -- | 9.313 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte05ft | naphthalene | mg/kg | 23 | 32 | 72 | 0.00026 | 3.8 | 0.224 | 0.787 | 0.00027 | 0.00032 | 0.681 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte05ft | pyrene | mg/kg | 30 | 32 | 94 | 0.0029 | 3.3 | 0.322 | 0.679 | 0.0008 | 0.016 | 0.812 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte05ft | toluene | µg/kg | 26 | 32 | 81 | 0.13 | 2.3 | 0.512 | 0.5 | 0.12 | 13 | 0.619 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte05ft | tph as diesel | mg/kg | 31 | 32 | 97 | 23 | 7000 | 955.9 | 1439 | 4.8 | 4.8 | 2025 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte05ft | tph as gasoline | mg/kg | 16 | 32 | 50 | 0.064 | 100 | 16.05 | 34.42 | 0.044 | 0.063 | 27.86 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte05ft | tph as motor oil | mg/kg | 31 | 32 | 97 | 77 | 8100 | 1352 | 1644 | 7 | 7 | 2571 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 18.6 | 38.1 | 30.83 | 5.176 | -- | -- | 32.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte05ft | xylenes, total | µg/kg | 16 | 32 | 50 | 0.19 | 2.6 | 0.759 | 0.646 | 0.15 | 17 | 0.652 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 22.3 | 127 | 43.61 | 18.17 | -- | -- | 49.36 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 28 | 43 | 65 | 0.12 | 1400 | 101.7 | 340.4 | 0.093 | 9.7 | 251.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 43 | 16 | 0.11 | 2300 | 771.9 | 859.9 | 0.074 | 64 | 325.9 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 23 | 43 | 53 | 0.0057 | 16 | 2.162 | 3.974 | 0.0011 | 0.043 | 3.226 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 40 | 43 | 93 | 0.0013 | 24 | 1.823 | 4.752 | 0.012 | 0.024 | 4.759 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | arsenic | mg/kg | 43 | 43 | 100 | 1.51 | 9.62 | 5.006 | 1.994 | -- | -- | 5.518 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte10ft | bap teq | mg/kg | 42 | 43 | 98 | 0.000606 | 0.605 | 0.0907 | 0.144 | 0.0103 | 0.0103 | 0.184 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | benzene | µg/kg | 36 | 43 | 84 | 0.12 | 1700 | 64.21 | 293.5 | 0.11 | 13 | 233 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 41 | 43 | 95 | 0.0009 | 0.91 | 0.118 | 0.208 | 0.013 | 0.065 | 0.249 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 32 | 43 | 74 | 0.0016 | 0.4 | 0.0792 | 0.107 | 0.0005 | 0.049 | 0.125 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 43 | 47 | 0.0015 | 0.17 | 0.043 | 0.0503 | 0.0004 | 0.14 | 0.0324 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte10ft | cadmium | mg/kg | 9 | 43 | 21 | 0.104 | 0.807 | 0.351 | 0.27 | 0.0883 | 0.0883 | 0.21 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 marbella ave | lte10ft | chrysene | mg/kg | 42 | 43 | 98 | 0.0027 | 2.1 | 0.297 | 0.493 | 0.024 | 0.024 | 0.616 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | cobalt | mg/kg | 43 | 43 | 100 | 5 | 14.1 | 8.791 | 1.723 | -- | -- | 9.255 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte10ft | copper | mg/kg | 43 | 43 | 100 | 7.87 | 54.7 | 17.19 | 7.861 | -- | -- | 19.3 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 43 | 21 | 0.0018 | 0.1 | 0.0195 | 0.032 | 0.0007 | 0.27 | 0.0109 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte10ft | ethylbenzene | µg/kg | 17 | 43 | 40 | 0.14 | 8800 | 867.3 | 2288 | 0.12 | 15 | 1342 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24422 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 43 | 30 | 0.001 | 0.11 | 0.0239 | 0.0297 | 0.0009 | 0.35 | 0.0157 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 marbella ave | lte10ft | lead | mg/kg | 43 | 43 | 100 | 1.22 | 39.7 | 6.905 | 6.342 | -- | -- | 8.304 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte10ft | naphthalene | mg/kg | 34 | 43 | 79 | 0.00026 | 18 | 1.431 | 3.532 | 0.00027 | 0.00032 | 3.255 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 marbella ave | lte10ft | pyrene | mg/kg | 41 | 43 | 95 | 0.0029 | 3.3 | 0.503 | 0.875 | 0.0008 | 0.016 | 1.052 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | toluene | µg/kg | 34 | 43 | 79 | 0.13 | 280 | 9.931 | 47.97 | 0.12 | 15 | 36.39 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | tph as diesel | mg/kg | 42 | 43 | 98 | 19 | 13000 | 1698 | 2957 | 4.8 | 4.8 | 3609 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | tph as gasoline | mg/kg | 27 | 43 | 63 | 0.064 | 1600 | 168.9 | 369.2 | 0.044 | 0.063 | 308.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | tph as motor oil | mg/kg | 42 | 43 | 98 | 27 | 17000 | 2227 | 3529 | 7 | 7 | 4505 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 marbella ave | lte10ft | vanadium | mg/kg | 43 | 43 | 100 | 18.6 | 39 | 31.32 | 5.029 | -- | -- | 32.61 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | xylenes, total | µg/kg | 26 | 43 | 60 | 0.19 | 480 | 54 | 143 | 0.15 | 17 | 108.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 marbella ave | lte10ft | zinc | mg/kg | 43 | 43 | 100 | 22.3 | 127 | 43.68 | 16.32 | -- | -- | 47.38 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 11 | 73 | 0.12 | 22 | 4.449 | 7.478 | 0.089 | 9.1 | 12.24 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 11 | 91 | 0.0019 | 1.3 | 0.362 | 0.514 | 0.0054 | 0.0054 | 0.99 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 11 | 91 | 0.0027 | 1.7 | 0.397 | 0.675 | 0.003 | 0.003 | 1.222 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | antimony | mg/kg | 8 | 11 | 73 | 0.761 | 1.91 | 1.307 | 0.424 | 0.191 | 0.306 | 1.401 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 4.08 | 8.54 | 6.688 | 1.138 | -- | -- | 7.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.00622 | 0.258 | 0.0514 | 0.0778 | -- | -- | 0.154 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | benzene | µg/kg | 5 | 11 | 45 | 0.12 | 4.8 | 1.916 | 2.091 | 0.11 | 10 | 2.271 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 11 | 11 | 100 | 0.0078 | 0.64 | 0.103 | 0.199 | -- | -- | 0.364 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 11 | 91 | 0.0043 | 0.18 | 0.0353 | 0.0532 | 0.0099 | 0.0099 | 0.1 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 11 | 91 | 0.0032 | 0.15 | 0.0263 | 0.0449 | 0.0014 | 0.0014 | 0.0811 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.018 | 0.99 | 0.198 | 0.318 | -- | -- | 0.617 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 8.3 | 11.3 | 10.03 | 0.934 | -- | -- | 10.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 10.5 | 18.4 | 15.59 | 2.197 | -- | -- | 16.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 11 | 64 | 0.31 | 17 | 6.38 | 6.488 | 0.12 | 12 | 7.683 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 11 | 45 | 0.0013 | 0.044 | 0.0117 | 0.0183 | 0.0035 | 0.017 | 0.0138 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 6.06 | 9.5 | 7.617 | 0.954 | -- | -- | 8.139 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | naphthalene | mg/kg | 10 | 11 | 91 | 0.0023 | 0.66 | 0.139 | 0.237 | 0.00025 | 0.00025 | 0.429 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.015 | 2.1 | 0.314 | 0.627 | -- | -- | 1.139 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | toluene | µg/kg | 6 | 11 | 55 | 0.12 | 110 | 21.53 | 43.84 | 0.12 | 12 | 31.84 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 11 | 11 | 100 | 120 | 3200 | 832.7 | 1032 | -- | -- | 1609 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 11 | 100 | 0.072 | 210 | 32.49 | 65.15 | -- | -- | 118.1 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 200 | 4500 | 1127 | 1338 | -- | -- | 2117 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 28.9 | 39.1 | 35.45 | 3.434 | -- | -- | 37.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 11 | 64 | 0.43 | 2.9 | 1.589 | 1.044 | 0.15 | 16 | 1.84 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 33 | 58.9 | 43.96 | 6.682 | -- | -- | 47.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 16 | 44 | 0.0031 | 0.03 | 0.00994 | 0.00939 | 0.0006 | 0.012 | 0.00964 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | lte02ft | antimony | mg/kg | 13 | 16 | 81 | 0.337 | 1.52 | 0.848 | 0.408 | 0.191 | 0.306 | 0.937 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 3.53 | 7.15 | 5.629 | 1.123 | -- | -- | 6.122 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.000992 | 0.0448 | 0.0171 | 0.0118 | -- | -- | 0.0223 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte02ft | benzene | µg/kg | 12 | 16 | 75 | 0.17 | 3.5 | 0.82 | 0.967 | 0.11 | 0.13 | 1.071 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 16 | 69 | 0.0037 | 0.052 | 0.0177 | 0.0143 | 0.0007 | 0.013 | 0.0197 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 16 | 88 | 0.0007 | 0.04 | 0.0137 | 0.00973 | 0.0025 | 0.0099 | 0.0174 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 16 | 56 | 0.0016 | 0.018 | 0.00972 | 0.00593 | 0.0004 | 0.007 | 0.00971 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0018 | 0.13 | 0.0376 | 0.0312 | -- | -- | 0.0568 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.96 | 11.4 | 9.076 | 1.289 | -- | -- | 9.641 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 9.89 | 33.1 | 17.09 | 6.364 | -- | -- | 20.05 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 16 | 31 | 0.0031 | 0.0082 | 0.00614 | 0.00264 | 0.0009 | 0.017 | 0.00803 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 5.07 | 27.6 | 11 | 6.695 | -- | -- | 14.07 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte02ft | pyrene | mg/kg | 15 | 16 | 94 | 0.0014 | 0.056 | 0.0228 | 0.0155 | 0.016 | 0.016 | 0.0288 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte02ft | toluene | µg/kg | 12 | 16 | 75 | 0.17 | 5.4 | 0.842 | 1.461 | 0.13 | 0.15 | 1.349 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 17 | 680 | 161.8 | 204.2 | -- | -- | 384.2 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 36 | 1700 | 436.6 | 477.8 | -- | -- | 682.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 23.8 | 42.2 | 31.61 | 5.438 | -- | -- | 34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 28.8 | 115 | 49.68 | 23.82 | -- | -- | 60.59 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 25 | 56 | 0.0018 | 0.65 | 0.0546 | 0.172 | 0.0006 | 0.012 | 0.146 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte05ft | antimony | mg/kg | 18 | 25 | 72 | 0.337 | 1.52 | 0.865 | 0.365 | 0.191 | 0.306 | 0.861 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 3.34 | 10.9 | 5.59 | 1.585 | -- | -- | 6.147 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.000992 | 0.156 | 0.0245 | 0.0304 | -- | -- | 0.0345 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24422 neptune ave | lte05ft | benzene | µg/kg | 18 | 25 | 72 | 0.12 | 3.5 | 0.619 | 0.833 | 0.1 | 0.13 | 0.783 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 25 | 72 | 0.0037 | 0.052 | 0.0201 | 0.0158 | 0.0007 | 0.013 | 0.021 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 23 | 25 | 92 | 0.0007 | 0.14 | 0.0203 | 0.0281 | 0.0025 | 0.0099 | 0.0429 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 25 | 64 | 0.0016 | 0.018 | 0.00956 | 0.00522 | 0.0004 | 0.007 | 0.00925 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 25 | 20 | 0.047 | 0.44 | 0.197 | 0.163 | 0.22 | 0.22 | 0.223 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.0018 | 0.62 | 0.0664 | 0.12 | -- | -- | 0.12 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 6.96 | 11.4 | 8.884 | 1.19 | -- | -- | 9.291 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 9.57 | 33.1 | 15.4 | 5.819 | -- | -- | 17.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 25 | 28 | 0.0031 | 0.0082 | 0.00551 | 0.00246 | 0.0009 | 0.017 | 0.00506 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 neptune ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 5.07 | 51.4 | 11.58 | 9.972 | -- | -- | 20.27 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte05ft | naphthalene | mg/kg | 6 | 25 | 24 | 0.00042 | 0.12 | 0.021 | 0.0485 | 0.00025 | 0.00039 | 0.0277 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte05ft | pyrene | mg/kg | 24 | 25 | 96 | 0.0014 | 1.5 | 0.095 | 0.301 | 0.016 | 0.016 | 0.349 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte05ft | toluene | µg/kg | 17 | 25 | 68 | 0.12 | 5.4 | 0.641 | 1.253 | 0.11 | 0.15 | 0.899 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte05ft | tph as diesel | mg/kg | 25 | 25 | 100 | 17 | 2500 | 281.1 | 505.9 | -- | -- | 485.1 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte05ft | tph as gasoline | mg/kg | 5 | 25 | 20 | 0.11 | 34 | 6.912 | 15.14 | 0.048 | 0.07 | 7.942 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte05ft | tph as motor oil | mg/kg | 25 | 25 | 100 | 36 | 4300 | 583 | 880.1 | -- | -- | 970.3 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 23.8 | 42.2 | 31.22 | 4.93 | -- | -- | 32.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 28.8 | 115 | 46.82 | 20.29 | -- | -- | 54.06 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 36 | 33 | 0.11 | 22 | 3.018 | 6.329 | 0.089 | 9.1 | 3.949 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 11 | 36 | 31 | 0.0019 | 1.3 | 0.438 | 0.549 | 0.0011 | 0.021 | 0.404 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 36 | 67 | 0.0018 | 1.7 | 0.197 | 0.474 | 0.0006 | 0.012 | 0.422 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte10ft | antimony | mg/kg | 26 | 36 | 72 | 0.337 | 1.91 | 1.001 | 0.429 | 0.191 | 0.306 | 0.955 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 3.34 | 10.9 | 5.926 | 1.534 | -- | -- | 6.358 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte10ft | bap teq | mg/kg | 36 | 36 | 100 | 0.000992 | 0.258 | 0.0327 | 0.0502 | -- | -- | 0.0502 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte10ft | benzene | µg/kg | 23 | 36 | 64 | 0.12 | 4.8 | 0.901 | 1.277 | 0.1 | 10 | 1.445 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 29 | 36 | 81 | 0.0037 | 0.64 | 0.0516 | 0.126 | 0.0007 | 0.013 | 0.126 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 33 | 36 | 92 | 0.0007 | 0.18 | 0.0249 | 0.0373 | 0.0025 | 0.0099 | 0.0494 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 26 | 36 | 72 | 0.0016 | 0.15 | 0.016 | 0.0285 | 0.0004 | 0.007 | 0.021 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 36 | 14 | 0.0042 | 0.088 | 0.0381 | 0.0367 | 0.0011 | 0.023 | 0.0376 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 36 | 17 | 0.04 | 0.44 | 0.171 | 0.159 | 0.038 | 0.22 | 0.162 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte10ft | chrysene | mg/kg | 36 | 36 | 100 | 0.0018 | 0.99 | 0.107 | 0.207 | -- | -- | 0.165 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 6.96 | 11.4 | 9.235 | 1.228 | -- | -- | 9.581 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 9.57 | 33.1 | 15.46 | 4.961 | -- | -- | 16.84 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 36 | 17 | 0.0012 | 0.045 | 0.0114 | 0.0169 | 0.0007 | 0.013 | 0.00552 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | lte10ft | ethylbenzene | µg/kg | 7 | 36 | 19 | 0.31 | 17 | 6.38 | 6.488 | 0.12 | 12 | 3.14 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 36 | 33 | 0.0013 | 0.044 | 0.0081 | 0.0116 | 0.0009 | 0.017 | 0.00678 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 5.07 | 51.4 | 10.37 | 8.478 | -- | -- | 12.91 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte10ft | naphthalene | mg/kg | 16 | 36 | 44 | 0.00042 | 0.66 | 0.0948 | 0.195 | 0.00025 | 0.00039 | 0.143 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte10ft | pyrene | mg/kg | 35 | 36 | 97 | 0.0014 | 2.1 | 0.164 | 0.433 | 0.016 | 0.016 | 0.471 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte10ft | toluene | µg/kg | 23 | 36 | 64 | 0.12 | 110 | 6.091 | 22.93 | 0.11 | 12 | 17.43 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte10ft | tph as diesel | mg/kg | 36 | 36 | 100 | 17 | 3200 | 449.6 | 739 | -- | -- | 773.3 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte10ft | tph as gasoline | mg/kg | 16 | 36 | 44 | 0.072 | 210 | 24.5 | 55.14 | 0.048 | 0.07 | 39.15 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 neptune ave | lte10ft | tph as motor oil | mg/kg | 36 | 36 | 100 | 36 | 4500 | 749.3 | 1052 | -- | -- | 1149 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24422 neptune ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 23.8 | 42.2 | 32.51 | 4.895 | -- | -- | 33.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 neptune ave | lte10ft | xylenes, total | µg/kg | 11 | 36 | 31 | 0.17 | 2.9 | 1.103 | 1.054 | 0.15 | 16 | 0.676 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 neptune ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 28.8 | 115 | 45.95 | 17.23 | -- | -- | 51 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 14 | 36 | 0.1 | 19000 | 3800 | 8497 | 0.09 | 0.1 | 7731 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 10 | 14 | 71 | 0.0012 | 44 | 4.937 | 13.82 | 0.0054 | 0.043 | 17.41 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.0028 | 72 | 6.157 | 19.9 | 0.024 | 0.024 | 28.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 4.04 | 7.43 | 5.766 | 1.202 | -- | -- | 6.335 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte02ft | bap teq | mg/kg | 13 | 14 | 93 | 0.0014 | 1.019 | 0.145 | 0.281 | 0.00053 | 0.00053 | 0.453 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte02ft | benzene | µg/kg | 6 | 14 | 43 | 0.12 | 110 | 20.45 | 44.13 | 0.1 | 0.12 | 44.85 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 14 | 93 | 0.0014 | 1.5 | 0.163 | 0.411 | 0.0007 | 0.0007 | 0.615 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.001 | 0.66 | 0.104 | 0.185 | 0.0005 | 0.0005 | 0.306 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 14 | 86 | 0.001 | 0.29 | 0.054 | 0.0851 | 0.0004 | 0.0004 | 0.141 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte02ft | cadmium | mg/kg | 5 | 14 | 36 | 0.0951 | 0.148 | 0.122 | 0.0245 | 0.0064 | 0.0064 | 0.135 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte02ft | chrysene | mg/kg | 13 | 14 | 93 | 0.0023 | 2.4 | 0.343 | 0.669 | 0.0012 | 0.0012 | 1.076 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.75 | 10.8 | 9.206 | 0.956 | -- | -- | 9.659 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 9.29 | 29.4 | 15.16 | 5.004 | -- | -- | 17.63 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24422 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 14 | 57 | 0.0011 | 0.045 | 0.0125 | 0.0141 | 0.0007 | 0.14 | 0.0156 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 14 | 57 | 0.0015 | 0.047 | 0.0197 | 0.0178 | 0.0009 | 0.13 | 0.0225 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 7.52 | 20.2 | 10.74 | 3.806 | -- | -- | 12.62 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte02ft | naphthalene | mg/kg | 12 | 14 | 86 | 0.00033 | 19 | 1.854 | 5.472 | 0.00025 | 0.00026 | 7.543 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte02ft | pyrene | mg/kg | 13 | 14 | 93 | 0.0014 | 4.4 | 0.52 | 1.223 | 0.0008 | 0.0008 | 1.865 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 ravenna ave | lte02ft | toluene | µg/kg | 5 | 14 | 36 | 0.12 | 34 | 6.914 | 15.14 | 0.12 | 0.13 | 13.91 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte02ft | tph as diesel | mg/kg | 13 | 14 | 93 | 24 | 18000 | 3015 | 5501 | 4.8 | 4.8 | 9047 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte02ft | tph as motor oil | mg/kg | 13 | 14 | 93 | 97 | 19000 | 4460 | 6190 | 7 | 7 | 11229 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 27.1 | 49.1 | 34.11 | 5.183 | -- | -- | 36.59 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 28.4 | 56.1 | 37.11 | 6.943 | -- | -- | 40.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 22 | 55 | 0.1 | 19000 | 1893 | 5413 | 0.09 | 0.71 | 2815 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 22 | 36 | 0.19 | 1000 | 161.2 | 341.4 | 0.076 | 0.83 | 140.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 18 | 22 | 82 | 0.0012 | 44 | 3.158 | 10.33 | 0.0054 | 0.043 | 11.35 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 22 | 95 | 0.0028 | 72 | 4.951 | 16.03 | 0.024 | 0.024 | 19.31 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 4.04 | 7.43 | 5.453 | 1.097 | -- | -- | 5.855 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte05ft | bap teq | mg/kg | 21 | 22 | 95 | 0.0014 | 1.019 | 0.107 | 0.227 | 0.00053 | 0.00053 | 0.309 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 ravenna ave | lte05ft | benzene | µg/kg | 13 | 22 | 59 | 0.12 | 110 | 28.67 | 41.03 | 0.1 | 0.68 | 28.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 22 | 95 | 0.0014 | 1.5 | 0.119 | 0.326 | 0.0007 | 0.0007 | 0.41 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 21 | 22 | 95 | 0.001 | 0.66 | 0.0775 | 0.151 | 0.0005 | 0.0005 | 0.212 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 22 | 91 | 0.001 | 0.29 | 0.0396 | 0.0696 | 0.0004 | 0.0004 | 0.0986 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 22 | 27 | 0.0015 | 0.081 | 0.026 | 0.0378 | 0.0011 | 0.22 | 0.0309 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte05ft | cadmium | mg/kg | 7 | 22 | 32 | 0.014 | 0.148 | 0.102 | 0.0454 | 0.0064 | 0.0064 | 0.105 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte05ft | chrysene | mg/kg | 21 | 22 | 95 | 0.0023 | 2.4 | 0.292 | 0.565 | 0.0012 | 0.0012 | 0.795 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 6.73 | 10.8 | 9.004 | 1.111 | -- | -- | 9.412 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 9.29 | 29.4 | 13.95 | 4.405 | -- | -- | 15.53 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 22 | 50 | 0.0011 | 0.045 | 0.00946 | 0.0129 | 0.0007 | 0.14 | 0.00944 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | ethylbenzene | µg/kg | 10 | 22 | 45 | 6.2 | 2300 | 713.4 | 748.2 | 0.12 | 0.13 | 580.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 22 | 64 | 0.001 | 0.047 | 0.0156 | 0.0167 | 0.0009 | 0.13 | 0.0167 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 6.61 | 20.2 | 9.93 | 3.393 | -- | -- | 11.14 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 ravenna ave | lte05ft | naphthalene | mg/kg | 20 | 22 | 91 | 0.00033 | 19 | 1.803 | 4.271 | 0.00025 | 0.00026 | 5.456 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | pyrene | mg/kg | 21 | 22 | 95 | 0.0014 | 4.4 | 0.438 | 1.011 | 0.0008 | 0.0008 | 1.34 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte05ft | toluene | µg/kg | 9 | 22 | 41 | 0.12 | 34 | 8.024 | 12.58 | 0.12 | 0.74 | 11.76 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte05ft | tph as diesel | mg/kg | 21 | 22 | 95 | 24 | 18000 | 2530 | 4675 | 4.8 | 4.8 | 6690 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 ravenna ave | lte05ft | tph as gasoline | mg/kg | 10 | 22 | 45 | 2.5 | 800 | 193.9 | 233.8 | 0.048 | 0.062 | 158.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | tph as motor oil | mg/kg | 21 | 22 | 95 | 58 | 19000 | 3845 | 5823 | 7 | 7 | 9013 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 27.1 | 49.1 | 33.87 | 4.411 | -- | -- | 35.47 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | xylenes, total | µg/kg | 8 | 22 | 36 | 0.4 | 4500 | 696.8 | 1549 | 0.15 | 17 | 620.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 27 | 56.1 | 35.79 | 6.203 | -- | -- | 38.05 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 29 | 66 | 0.1 | 19000 | 1209 | 4331 | 0.09 | 0.71 | 3669 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 29 | 45 | 0.19 | 1000 | 100.7 | 272.7 | 0.076 | 0.83 | 105.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 25 | 29 | 86 | 0.0012 | 44 | 2.339 | 8.798 | 0.0054 | 0.043 | 8.662 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 28 | 29 | 97 | 0.0028 | 72 | 3.785 | 13.95 | 0.024 | 0.024 | 14.76 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | arsenic | mg/kg | 29 | 29 | 100 | 4.04 | 7.43 | 5.549 | 1.027 | -- | -- | 5.873 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | bap teq | mg/kg | 28 | 29 | 97 | 0.0014 | 1.019 | 0.0922 | 0.198 | 0.00053 | 0.00053 | 0.247 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | benzene | µg/kg | 18 | 29 | 62 | 0.12 | 110 | 21.32 | 36.57 | 0.1 | 0.75 | 23.05 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 29 | 97 | 0.0014 | 1.5 | 0.102 | 0.283 | 0.0007 | 0.0007 | 0.324 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 28 | 29 | 97 | 0.001 | 0.66 | 0.067 | 0.132 | 0.0005 | 0.0005 | 0.17 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 27 | 29 | 93 | 0.001 | 0.29 | 0.0337 | 0.0609 | 0.0004 | 0.0004 | 0.0795 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 29 | 28 | 0.0015 | 0.081 | 0.0252 | 0.0325 | 0.0011 | 0.22 | 0.015 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 ravenna ave | lte10ft | cadmium | mg/kg | 9 | 29 | 31 | 0.014 | 0.148 | 0.099 | 0.045 | 0.0064 | 0.0064 | 0.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | chrysene | mg/kg | 28 | 29 | 97 | 0.0023 | 2.4 | 0.261 | 0.494 | 0.0012 | 0.0012 | 0.646 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | cobalt | mg/kg | 29 | 29 | 100 | 6.73 | 11 | 9.209 | 1.121 | -- | -- | 9.563 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | copper | mg/kg | 29 | 29 | 100 | 9.29 | 29.4 | 14.61 | 4.074 | -- | -- | 15.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 29 | 48 | 0.0011 | 0.045 | 0.0094 | 0.0114 | 0.0007 | 0.14 | 0.00837 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | ethylbenzene | µg/kg | 17 | 29 | 59 | 6.2 | 2300 | 443.9 | 654.1 | 0.12 | 0.13 | 450.9 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 29 | 62 | 0.001 | 0.047 | 0.0142 | 0.015 | 0.0009 | 0.13 | 0.0143 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | lead | mg/kg | 29 | 29 | 100 | 6.61 | 20.2 | 9.703 | 3.001 | -- | -- | 10.69 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte10ft | naphthalene | mg/kg | 27 | 29 | 93 | 0.00033 | 19 | 1.378 | 3.725 | 0.00025 | 0.00026 | 4.206 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | pyrene | mg/kg | 28 | 29 | 97 | 0.0014 | 4.4 | 0.372 | 0.879 | 0.0008 | 0.0008 | 1.061 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24422 ravenna ave | lte10ft | toluene | µg/kg | 13 | 29 | 45 | 0.12 | 34 | 7.294 | 11.68 | 0.12 | 0.74 | 10.35 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24422 ravenna ave | lte10ft | tph as diesel | mg/kg | 28 | 29 | 97 | 24 | 18000 | 2183 | 4093 | 4.8 | 4.8 | 5380 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24422 ravenna ave | lte10ft | tph as gasoline | mg/kg | 17 | 29 | 59 | 0.45 | 800 | 119.3 | 198.4 | 0.048 | 0.062 | 128.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | tph as motor oil | mg/kg | 28 | 29 | 97 | 58 | 19000 | 3299 | 5131 | 7 | 7 | 7297 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 ravenna ave | lte10ft | vanadium | mg/kg | 29 | 29 | 100 | 27.1 | 49.1 | 34.71 | 4.218 | -- | -- | 36.04 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24422 ravenna ave | lte10ft | xylenes, total | µg/kg | 14 | 29 | 48 | 0.4 | 4500 | 405.4 | 1189 | 0.15 | 17 | 465.3 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24422 ravenna ave | lte10ft | zinc | mg/kg | 29 | 29 | 100 | 27 | 56.1 | 36.7 | 5.799 | -- | -- | 38.55 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 marbella ave | lte05ft | arsenic | mg/kg | 10 | 10 | 100 | 5.7 | 28.3 | 11.24 | 6.716 | -- | -- | 15.39 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 marbella ave | lte05ft | bap teq | mg/kg | 7 | 10 | 70 | 0.000786 | 0.0199 | 0.00541 | 0.00715 | 0.00053 | 0.00053 | 0.0129 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 7 | 10 | 70 | 0.001 | 0.016 | 0.00477 | 0.00564 | 0.0007 | 0.0007 | 0.00687 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 6 | 10 | 60 | 0.001 | 0.014 | 0.0044 | 0.00529 | 0.0005 | 0.0005 | 0.00556 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 5 | 10 | 50 | 0.0005 | 0.014 | 0.00418 | 0.00569 | 0.0004 | 0.0004 | 0.00496 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 marbella ave | lte05ft | chrysene | mg/kg | 7 | 10 | 70 | 0.0022 | 0.03 | 0.00957 | 0.011 | 0.0012 | 0.0012 | 0.021 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 marbella ave | lte05ft | cobalt | mg/kg | 10 | 10 | 100 | 9.26 | 14.7 | 11.27 | 1.677 | -- | -- | 12.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 marbella ave | lte05ft | copper | mg/kg | 10 | 10 | 100 | 15.7 | 56.5 | 26.14 | 11.58 | -- | -- | 33.31 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 marbella ave | lte05ft | lead | mg/kg | 10 | 10 | 100 | 6.74 | 63.5 | 13.67 | 17.55 | -- | -- | 37.86 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 marbella ave | lte05ft | pyrene | mg/kg | 8 | 10 | 80 | 0.0008 | 0.025 | 0.00605 | 0.00802 | 0.0008 | 0.0008 | 0.0154 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 marbella ave | lte05ft | tph as motor oil | mg/kg | 5 | 10 | 50 | 19 | 240 | 97.2 | 87.71 | 7 | 7 | 115.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 marbella ave | lte05ft | vanadium | mg/kg | 10 | 10 | 100 | 28.5 | 54.6 | 37.92 | 7.25 | -- | -- | 42.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 marbella ave | lte05ft | zinc | mg/kg | 10 | 10 | 100 | 40.6 | 185 | 65.66 | 43.14 | -- | -- | 90.07 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 marbella ave | lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 4.77 | 28.3 | 10.36 | 6.172 | -- | -- | 13.59 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24423 marbella ave | lte10ft | bap teq | mg/kg | 8 | 13 | 62 | 0.000565 | 0.0199 | 0.0048 | 0.00684 | 0.00053 | 0.00053 | 0.0102 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 8 | 13 | 62 | 0.0007 | 0.016 | 0.00426 | 0.00541 | 0.0007 | 0.0007 | 0.00543 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 6 | 13 | 46 | 0.001 | 0.014 | 0.0044 | 0.00529 | 0.0005 | 0.0005 | 0.00457 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 13 | 38 | 0.0005 | 0.014 | 0.00418 | 0.00569 | 0.0004 | 0.0004 | 0.00392 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 marbella ave | lte10ft | chrysene | mg/kg | 7 | 13 | 54 | 0.0022 | 0.03 | 0.00957 | 0.011 | 0.0012 | 0.0012 | 0.017 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 marbella ave | lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 8.43 | 14.7 | 10.94 | 1.679 | -- | -- | 11.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 marbella ave | lte10ft | copper | mg/kg | 13 | 13 | 100 | 15.7 | 56.5 | 24.82 | 10.51 | -- | -- | 30.36 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 marbella ave | lte10ft | lead | mg/kg | 13 | 13 | 100 | 5.07 | 63.5 | 11.8 | 15.61 | -- | -- | 30.67 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 marbella ave | lte10ft | pyrene | mg/kg | 9 | 13 | 69 | 0.0008 | 0.025 | 0.00579 | 0.00754 | 0.0008 | 0.0008 | 0.00849 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 marbella ave | lte10ft | tph as motor oil | mg/kg | 5 | 13 | 38 | 19 | 240 | 97.2 | 87.71 | 7 | 7 | 108.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 marbella ave | lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 28.5 | 54.6 | 38.34 | 7.415 | -- | -- | 42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 marbella ave | lte10ft | zinc | mg/kg | 13 | 13 | 100 | 40.6 | 185 | 61.61 | 38.3 | -- | -- | 82.13 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 11 | 73 | 0.1 | 8900 | 1916 | 3257 | 0.091 | 0.098 | 5235 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 9 | 11 | 82 | 0.0031 | 23 | 5.678 | 8.511 | 0.0054 | 0.021 | 15.21 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 11 | 91 | 0.0039 | 34 | 7.787 | 12.59 | 0.012 | 0.012 | 23.16 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 2.3 | 10.3 | 5.967 | 2.4 | -- | -- | 7.279 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.00446 | 0.229 | 0.0753 | 0.0804 | -- | -- | 0.153 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | benzene | µg/kg | 8 | 11 | 73 | 0.12 | 920 | 283.9 | 401.3 | 0.11 | 11 | 690.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 11 | 73 | 0.0035 | 0.11 | 0.0417 | 0.0371 | 0.13 | 0.26 | 0.0655 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 11 | 64 | 0.0035 | 0.076 | 0.0304 | 0.0282 | 0.0099 | 0.2 | 0.0451 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.015 | 2.3 | 0.432 | 0.671 | -- | -- | 1.021 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 6.99 | 12.8 | 9.484 | 2.093 | -- | -- | 10.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 6.78 | 22.1 | 14.74 | 4.83 | -- | -- | 17.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 11 | 64 | 0.16 | 8300 | 2250 | 3226 | 0.12 | 0.13 | 3023 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 1.75 | 15.5 | 5.122 | 3.683 | -- | -- | 7.253 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | naphthalene | mg/kg | 10 | 11 | 91 | 0.0019 | 15 | 3.452 | 5.598 | 0.00027 | 0.00027 | 10.29 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.013 | 2.5 | 0.549 | 0.772 | -- | -- | 1.321 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 11 | 11 | 100 | 33 | 15000 | 3896 | 5350 | -- | -- | 12904 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 11 | 100 | 0.061 | 1100 | 144.1 | 346.8 | -- | -- | 1100 | Maximum Detected | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 81 | 14000 | 3818 | 5008 | -- | -- | 9513 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 21.9 | 42.6 | 32.33 | 5.812 | -- | -- | 35.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 11 | 55 | 0.46 | 3900 | 1033 | 1605 | 0.16 | 0.17 | 1276 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 21.3 | 59.3 | 35.59 | 9.857 | -- | -- | 40.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 16 | 75 | 0.0013 | 0.011 | 0.00434 | 0.00256 | 0.0006 | 0.012 | 0.00486 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.94 | 6.73 | 4.693 | 0.9 | -- | -- | 5.087 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00098 | 0.0328 | 0.00762 | 0.0074 | -- | -- | 0.0111 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte02ft | benzene | µg/kg | 8 | 16 | 50 | 0.14 | 0.25 | 0.165 | 0.0359 | 0.11 | 0.13 | 0.165 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 16 | 88 | 0.0011 | 0.017 | 0.00629 | 0.0041 | 0.0007 | 0.013 | 0.00774 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24423 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 16 | 88 | 0.0007 | 0.026 | 0.00584 | 0.00624 | 0.0025 | 0.0099 | 0.00839 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 16 | 38 | 0.0012 | 0.0097 | 0.00382 | 0.00318 | 0.0004 | 0.007 | 0.00376 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | cadmium | mg/kg | 15 | 16 | 94 | 0.0903 | 0.386 | 0.171 | 0.0723 | 0.0883 | 0.0883 | 0.199 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte02ft | chrysene | mg/kg | 15 | 16 | 94 | 0.0043 | 0.045 | 0.0184 | 0.0122 | 0.0012 | 0.0012 | 0.0229 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 7.39 | 11 | 9.571 | 1.09 | -- | -- | 10.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 10.5 | 23.1 | 16.64 | 3.351 | -- | -- | 18.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.3 | 18.4 | 6.904 | 3.926 | -- | -- | 8.711 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte02ft | naphthalene | mg/kg | 7 | 16 | 44 | 0.00067 | 0.015 | 0.00535 | 0.00524 | 0.00026 | 0.00032 | 0.00489 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.001 | 0.043 | 0.0108 | 0.0104 | -- | -- | 0.0162 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte02ft | toluene | µg/kg | 5 | 16 | 31 | 0.14 | 0.23 | 0.17 | 0.0394 | 0.12 | 0.15 | 0.166 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 14 | 220 | 96.25 | 60.79 | -- | -- | 122.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | tph as gasoline | mg/kg | 6 | 16 | 38 | 0.062 | 0.17 | 0.115 | 0.04 | 0.048 | 0.061 | 0.116 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 30 | 820 | 262 | 201.3 | -- | -- | 374.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 27.3 | 37.5 | 32.74 | 3.119 | -- | -- | 34.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 32.5 | 81.1 | 44.91 | 11.76 | -- | -- | 50.02 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 26 | 19 | 0.13 | 2500 | 900.1 | 1245 | 0.091 | 0.11 | 399.2 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 26 | 27 | 0.0011 | 13 | 2.59 | 4.713 | 0.0011 | 0.054 | 1.617 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 26 | 81 | 0.0013 | 22 | 1.404 | 4.843 | 0.0006 | 0.012 | 4.887 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 2.94 | 6.96 | 4.575 | 1.083 | -- | -- | 4.938 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte05ft | bap teq | mg/kg | 26 | 26 | 100 | 0.00098 | 0.217 | 0.0341 | 0.0572 | -- | -- | 0.0757 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte05ft | benzene | µg/kg | 12 | 26 | 46 | 0.14 | 210 | 20.24 | 60.41 | 0.11 | 0.13 | 45.62 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 22 | 26 | 85 | 0.0011 | 0.17 | 0.035 | 0.0515 | 0.0007 | 0.26 | 0.0743 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 26 | 73 | 0.0007 | 0.14 | 0.0236 | 0.0411 | 0.0025 | 0.2 | 0.0511 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 7 | 26 | 27 | 0.0012 | 0.046 | 0.00984 | 0.0162 | 0.0004 | 0.14 | 0.00709 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte05ft | cadmium | mg/kg | 18 | 26 | 69 | 0.0903 | 0.386 | 0.16 | 0.0703 | 0.0883 | 0.0883 | 0.163 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte05ft | chrysene | mg/kg | 25 | 26 | 96 | 0.0043 | 1.1 | 0.166 | 0.282 | 0.0012 | 0.0012 | 0.398 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 6.3 | 11 | 8.92 | 1.363 | -- | -- | 9.376 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 8.14 | 23.1 | 14.76 | 3.882 | -- | -- | 16.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 3.3 | 18.4 | 6.431 | 3.47 | -- | -- | 7.64 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte05ft | naphthalene | mg/kg | 13 | 26 | 50 | 0.00067 | 8.9 | 0.912 | 2.459 | 0.00025 | 0.00032 | 1.997 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte05ft | pyrene | mg/kg | 26 | 26 | 100 | 0.001 | 0.66 | 0.136 | 0.229 | -- | -- | 0.332 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte05ft | toluene | µg/kg | 7 | 26 | 27 | 0.14 | 44 | 8.836 | 16.73 | 0.12 | 0.15 | 10.71 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte05ft | tph as diesel | mg/kg | 26 | 26 | 100 | 14 | 16000 | 1549 | 3834 | -- | -- | 4827 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte05ft | tph as gasoline | mg/kg | 12 | 26 | 46 | 0.062 | 380 | 50.15 | 121.6 | 0.048 | 0.061 | 97.23 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte05ft | tph as motor oil | mg/kg | 26 | 26 | 100 | 30 | 15000 | 1749 | 3709 | -- | -- | 4920 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 24.7 | 37.5 | 31.5 | 3.631 | -- | -- | 32.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 25.2 | 81.1 | 39.74 | 11.84 | -- | -- | 43.66 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 37 | 35 | 0.1 | 8900 | 1525 | 2640 | 0.091 | 0.11 | 1782 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 37 | 16 | 0.12 | 1500 | 550.9 | 669.5 | 0.077 | 7.8 | 325.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 16 | 37 | 43 | 0.0011 | 23 | 4.327 | 7.073 | 0.0011 | 0.054 | 3.302 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 37 | 84 | 0.0013 | 34 | 3.463 | 8.51 | 0.0006 | 0.012 | 8.561 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 2.3 | 10.3 | 4.989 | 1.682 | -- | -- | 5.454 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte10ft | bap teq | mg/kg | 37 | 37 | 100 | 0.00098 | 0.229 | 0.0463 | 0.0666 | -- | -- | 0.102 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte10ft | benzene | µg/kg | 20 | 37 | 54 | 0.12 | 920 | 125.7 | 281.1 | 0.11 | 11 | 223.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 30 | 37 | 81 | 0.0011 | 0.17 | 0.0368 | 0.0475 | 0.0007 | 0.26 | 0.0682 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 26 | 37 | 70 | 0.0007 | 0.14 | 0.0254 | 0.0377 | 0.0025 | 0.2 | 0.0465 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 37 | 19 | 0.0012 | 0.046 | 0.00984 | 0.0162 | 0.0004 | 0.14 | 0.00565 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte10ft | cadmium | mg/kg | 21 | 37 | 57 | 0.0903 | 0.386 | 0.163 | 0.0743 | 0.0883 | 0.0883 | 0.15 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte10ft | chrysene | mg/kg | 36 | 37 | 97 | 0.0043 | 2.3 | 0.248 | 0.445 | 0.0012 | 0.0012 | 0.557 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 6.3 | 12.8 | 9.087 | 1.605 | -- | -- | 9.533 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 6.78 | 23.1 | 14.76 | 4.117 | -- | -- | 15.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte10ft | ethylbenzene | µg/kg | 11 | 37 | 30 | 0.16 | 8300 | 1589 | 2683 | 0.12 | 0.15 | 930.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 1.75 | 18.4 | 6.042 | 3.535 | -- | -- | 7.055 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte10ft | naphthalene | mg/kg | 23 | 37 | 62 | 0.00067 | 15 | 2.017 | 4.216 | 0.00025 | 0.00032 | 3.741 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte10ft | pyrene | mg/kg | 37 | 37 | 100 | 0.001 | 2.5 | 0.259 | 0.488 | -- | -- | 0.609 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 neptune ave | lte10ft | toluene | µg/kg | 9 | 37 | 24 | 0.14 | 44 | 11.56 | 18.67 | 0.12 | 14 | 10.49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte10ft | tph as diesel | mg/kg | 37 | 37 | 100 | 14 | 16000 | 2247 | 4398 | -- | -- | 5398 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte10ft | tph as gasoline | mg/kg | 23 | 37 | 62 | 0.061 | 1100 | 95.09 | 253.7 | 0.048 | 0.061 | 206.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 neptune ave | lte10ft | tph as motor oil | mg/kg | 37 | 37 | 100 | 30 | 15000 | 2364 | 4176 | -- | -- | 5357 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24423 neptune ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 21.9 | 42.6 | 31.74 | 4.323 | -- | -- | 32.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 neptune ave | lte10ft | xylenes, total | µg/kg | 8 | 37 | 22 | 0.46 | 3900 | 885 | 1384 | 0.16 | 0.2 | 400.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 neptune ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 21.3 | 81.1 | 38.51 | 11.31 | -- | -- | 41.59 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 9 | 100 | 3.1 | 1900 | 333.4 | 663.5 | -- | -- | 1297 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 9 | 89 | 0.16 | 390 | 55.71 | 135.6 | 7.7 | 7.7 | 237.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 9 | 89 | 0.013 | 4.7 | 0.684 | 1.626 | 0.043 | 0.043 | 2.862 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 9 | 100 | 0.028 | 7.8 | 0.949 | 2.571 | -- | -- | 7.8 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 2.25 | 5.14 | 3.801 | 0.951 | -- | -- | 4.391 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | bap teq | mg/kg | 8 | 9 | 89 | 0.00286 | 0.449 | 0.111 | 0.143 | 0.103 | 0.103 | 0.304 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | benzene | µg/kg | 7 | 9 | 78 | 0.61 | 190 | 46.58 | 72.41 | 10 | 11 | 133.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 9 | 89 | 0.0023 | 0.46 | 0.102 | 0.149 | 0.13 | 0.13 | 0.303 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 9 | 89 | 0.0022 | 0.32 | 0.0838 | 0.102 | 0.099 | 0.099 | 0.222 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 9 | 78 | 0.0013 | 0.24 | 0.0533 | 0.0837 | 0.0035 | 0.07 | 0.155 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 9 | 56 | 0.0022 | 0.27 | 0.0617 | 0.117 | 0.0011 | 0.23 | 0.101 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | chrysene | mg/kg | 8 | 9 | 89 | 0.0078 | 0.59 | 0.195 | 0.178 | 0.22 | 0.22 | 0.443 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 6.66 | 9.74 | 7.811 | 0.912 | -- | -- | 8.376 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 9.22 | 15.3 | 11.1 | 1.973 | -- | -- | 12.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 9 | 56 | 0.0018 | 0.047 | 0.017 | 0.0178 | 0.0007 | 0.13 | 0.0229 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 9 | 78 | 1.6 | 610 | 131.6 | 236.3 | 12 | 12 | 417.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 9 | 56 | 0.0029 | 0.1 | 0.0304 | 0.0398 | 0.0009 | 0.17 | 0.0491 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 4.11 | 8.6 | 5.684 | 1.508 | -- | -- | 6.619 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 9 | 9 | 100 | 0.0082 | 3.2 | 0.461 | 1.035 | -- | -- | 2.224 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | pyrene | mg/kg | 8 | 9 | 89 | 0.0081 | 1.4 | 0.331 | 0.464 | 0.16 | 0.16 | 0.951 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 9 | 100 | 83 | 7500 | 1240 | 2363 | -- | -- | 4674 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 9 | 9 | 100 | 0.13 | 37 | 4.831 | 12.09 | -- | -- | 22.4 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 9 | 100 | 96 | 7300 | 1564 | 2205 | -- | -- | 3460 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 22.4 | 34.8 | 28.64 | 4.074 | -- | -- | 31.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 9 | 78 | 0.71 | 440 | 98.84 | 174.6 | 15 | 16 | 309.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 30.1 | 49.9 | 37.49 | 6.452 | -- | -- | 41.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 18 | 44 | 0.12 | 0.39 | 0.206 | 0.0916 | 0.09 | 0.12 | 0.198 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 10 | 18 | 56 | 0.0012 | 0.025 | 0.00535 | 0.00707 | 0.0011 | 0.011 | 0.00677 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 18 | 94 | 0.0026 | 0.023 | 0.00909 | 0.00602 | 0.0006 | 0.0006 | 0.011 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.77 | 7.52 | 3.61 | 1.339 | -- | -- | 4.159 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00261 | 0.0645 | 0.0195 | 0.0184 | -- | -- | 0.0288 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | benzene | µg/kg | 7 | 18 | 39 | 0.14 | 0.39 | 0.209 | 0.0875 | 0.1 | 0.12 | 0.193 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 18 | 18 | 100 | 0.0021 | 0.045 | 0.0138 | 0.0117 | -- | -- | 0.0196 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 18 | 100 | 0.0021 | 0.048 | 0.0146 | 0.0139 | -- | -- | 0.0216 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 18 | 89 | 0.002 | 0.025 | 0.0083 | 0.00702 | 0.0004 | 0.0004 | 0.0107 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 18 | 50 | 0.0011 | 0.012 | 0.00347 | 0.00345 | 0.0011 | 0.011 | 0.0037 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.0056 | 0.15 | 0.0416 | 0.0383 | -- | -- | 0.0613 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5.53 | 11.4 | 7.768 | 1.513 | -- | -- | 8.388 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 6.65 | 15.6 | 10.97 | 2.751 | -- | -- | 12.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 13 | 18 | 72 | 0.0009 | 0.016 | 0.00548 | 0.00482 | 0.0007 | 0.0067 | 0.00613 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | ethylbenzene | µg/kg | 7 | 18 | 39 | 0.73 | 23 | 7.92 | 8.992 | 0.12 | 0.14 | 6.673 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 18 | 72 | 0.0012 | 0.023 | 0.00711 | 0.00694 | 0.0009 | 0.0087 | 0.00816 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 3.48 | 14.5 | 7.469 | 2.6 | -- | -- | 8.535 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte02ft | naphthalene | mg/kg | 14 | 18 | 78 | 0.00087 | 0.018 | 0.00653 | 0.00547 | 0.00027 | 0.0003 | 0.00795 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0037 | 0.09 | 0.0229 | 0.0227 | -- | -- | 0.0339 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | toluene | µg/kg | 8 | 18 | 44 | 0.15 | 0.94 | 0.311 | 0.261 | 0.11 | 0.15 | 0.313 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte02ft | tph as diesel | mg/kg | 18 | 18 | 100 | 17 | 630 | 147.1 | 191.1 | -- | -- | 343.4 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte02ft | tph as gasoline | mg/kg | 8 | 18 | 44 | 0.055 | 0.25 | 0.107 | 0.0639 | 0.047 | 0.055 | 0.0986 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 84 | 1600 | 356 | 393 | -- | -- | 559.8 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 19.8 | 32.4 | 26.09 | 4.25 | -- | -- | 27.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte02ft | xylenes, total | µg/kg | 8 | 18 | 44 | 0.46 | 120 | 41.88 | 47.07 | 0.15 | 0.19 | 34.58 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 24.6 | 53.1 | 38.41 | 8.875 | -- | -- | 42.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 31 | 48 | 0.12 | 21000 | 1960 | 5487 | 0.09 | 9.3 | 4040 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 31 | 19 | 0.26 | 4600 | 779.4 | 1872 | 0.076 | 7.9 | 422.4 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 21 | 31 | 68 | 0.0012 | 20 | 1.438 | 4.567 | 0.0011 | 0.011 | 3.966 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 28 | 31 | 90 | 0.0026 | 35 | 1.845 | 6.953 | 0.0006 | 0.006 | 6.858 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24423 ravenna ave | lte05ft | arsenic | mg/kg | 31 | 31 | 100 | 1.77 | 8.01 | 4.141 | 1.591 | -- | -- | 4.654 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte05ft | bap teq | mg/kg | 31 | 31 | 100 | 0.00224 | 0.995 | 0.0555 | 0.176 | -- | -- | 0.0732 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | benzene | µg/kg | 12 | 31 | 39 | 0.14 | 3600 | 455 | 1117 | 0.1 | 11 | 749.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 29 | 31 | 94 | 0.0014 | 0.71 | 0.0421 | 0.13 | 0.026 | 0.13 | 0.139 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 28 | 31 | 90 | 0.0017 | 0.61 | 0.0378 | 0.113 | 0.0049 | 0.099 | 0.12 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 26 | 31 | 84 | 0.0011 | 0.52 | 0.0288 | 0.101 | 0.0004 | 0.07 | 0.0972 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 17 | 31 | 55 | 0.0011 | 0.45 | 0.0303 | 0.108 | 0.0011 | 0.23 | 0.0813 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 31 | 19 | 0.2 | 0.34 | 0.267 | 0.048 | 0.22 | 0.22 | 0.26 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | chrysene | mg/kg | 31 | 31 | 100 | 0.0056 | 0.93 | 0.093 | 0.173 | -- | -- | 0.165 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | cobalt | mg/kg | 31 | 31 | 100 | 5.53 | 13.5 | 8.465 | 1.966 | -- | -- | 9.08 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte05ft | copper | mg/kg | 31 | 31 | 100 | 6.65 | 20.3 | 11.95 | 3.592 | -- | -- | 13.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 20 | 31 | 65 | 0.0008 | 0.43 | 0.0261 | 0.0952 | 0.0007 | 0.13 | 0.078 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte05ft | ethylbenzene | µg/kg | 14 | 31 | 45 | 0.25 | 8700 | 882.7 | 2404 | 0.12 | 12 | 1713 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 31 | 68 | 0.0011 | 0.61 | 0.0354 | 0.132 | 0.0009 | 0.17 | 0.111 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte05ft | lead | mg/kg | 31 | 31 | 100 | 3.15 | 14.5 | 6.732 | 2.719 | -- | -- | 7.603 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte05ft | naphthalene | mg/kg | 25 | 31 | 81 | 0.00087 | 14 | 0.967 | 3.189 | 0.00026 | 0.0003 | 3.043 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte05ft | pyrene | mg/kg | 31 | 31 | 100 | 0.0037 | 0.96 | 0.0906 | 0.185 | -- | -- | 0.18 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | toluene | µg/kg | 8 | 31 | 26 | 0.15 | 0.94 | 0.311 | 0.261 | 0.11 | 14 | 0.271 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte05ft | tph as diesel | mg/kg | 31 | 31 | 100 | 6.4 | 6600 | 683.2 | 1450 | -- | -- | 1818 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | tph as gasoline | mg/kg | 18 | 31 | 58 | 0.055 | 1900 | 182.2 | 502.7 | 0.047 | 0.055 | 414.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte05ft | tph as motor oil | mg/kg | 31 | 31 | 100 | 19 | 6300 | 869.1 | 1417 | -- | -- | 1663 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | vanadium | mg/kg | 31 | 31 | 100 | 19.8 | 39 | 28.15 | 5.098 | -- | -- | 29.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte05ft | xylenes, total | µg/kg | 13 | 31 | 42 | 0.18 | 5600 | 647.4 | 1604 | 0.15 | 16 | 604.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte05ft | zinc | mg/kg | 31 | 31 | 100 | 24.6 | 57.3 | 39.24 | 8.751 | -- | -- | 41.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 24 | 40 | 60 | 0.12 | 21000 | 1350 | 4373 | 0.09 | 9.3 | 3191 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 40 | 35 | 0.16 | 4600 | 365.8 | 1223 | 0.076 | 7.9 | 642.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 29 | 40 | 73 | 0.0012 | 20 | 1.23 | 3.959 | 0.0011 | 0.043 | 3.247 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 37 | 40 | 93 | 0.0026 | 35 | 1.627 | 6.154 | 0.0006 | 0.006 | 5.595 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 1.77 | 8.01 | 4.065 | 1.468 | -- | -- | 4.47 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte10ft | bap teq | mg/kg | 39 | 40 | 98 | 0.00224 | 0.995 | 0.0668 | 0.169 | 0.103 | 0.103 | 0.181 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | benzene | µg/kg | 19 | 40 | 48 | 0.14 | 3600 | 304.5 | 897.1 | 0.1 | 11 | 584.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 40 | 93 | 0.0014 | 0.71 | 0.0549 | 0.134 | 0.026 | 0.13 | 0.142 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 36 | 40 | 90 | 0.0017 | 0.61 | 0.048 | 0.111 | 0.0049 | 0.099 | 0.118 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 33 | 40 | 83 | 0.0011 | 0.52 | 0.034 | 0.0965 | 0.0004 | 0.07 | 0.0898 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 22 | 40 | 55 | 0.0011 | 0.45 | 0.0374 | 0.108 | 0.0011 | 0.23 | 0.0782 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 8 | 40 | 20 | 0.2 | 0.34 | 0.256 | 0.0457 | 0.22 | 0.22 | 0.246 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | chrysene | mg/kg | 39 | 40 | 98 | 0.0056 | 0.93 | 0.114 | 0.176 | 0.22 | 0.22 | 0.233 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 ravenna ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 5.53 | 13.5 | 8.318 | 1.794 | -- | -- | 8.798 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 6.65 | 20.3 | 11.76 | 3.295 | -- | -- | 12.66 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 25 | 40 | 63 | 0.0008 | 0.43 | 0.0242 | 0.0851 | 0.0007 | 0.13 | 0.063 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte10ft | ethylbenzene | µg/kg | 21 | 40 | 53 | 0.25 | 8700 | 632.3 | 1976 | 0.12 | 12 | 1344 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 26 | 40 | 65 | 0.0011 | 0.61 | 0.0344 | 0.119 | 0.0009 | 0.17 | 0.0906 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 3.15 | 14.5 | 6.497 | 2.52 | -- | -- | 7.178 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24423 ravenna ave | lte10ft | naphthalene | mg/kg | 34 | 40 | 85 | 0.00087 | 14 | 0.833 | 2.776 | 0.00026 | 0.0003 | 2.485 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte10ft | pyrene | mg/kg | 39 | 40 | 98 | 0.0037 | 1.4 | 0.14 | 0.276 | 0.16 | 0.16 | 0.326 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | toluene | µg/kg | 9 | 40 | 23 | 0.12 | 0.94 | 0.29 | 0.252 | 0.11 | 14 | 0.217 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 ravenna ave | lte10ft | tph as diesel | mg/kg | 40 | 40 | 100 | 6.4 | 7500 | 808.6 | 1679 | -- | -- | 1966 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | tph as gasoline | mg/kg | 27 | 40 | 68 | 0.055 | 1900 | 123.1 | 415.3 | 0.047 | 0.055 | 321.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24423 ravenna ave | lte10ft | tph as motor oil | mg/kg | 40 | 40 | 100 | 19 | 7300 | 1025 | 1621 | -- | -- | 1884 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 19.8 | 39 | 28.26 | 4.841 | -- | -- | 29.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24423 ravenna ave | lte10ft | xylenes, total | µg/kg | 20 | 40 | 50 | 0.18 | 5600 | 455.4 | 1306 | 0.15 | 16 | 481.7 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24423 ravenna ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 24.6 | 57.3 | 38.84 | 8.245 | -- | -- | 41.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 10 | 90 | 0.007 | 0.063 | 0.0298 | 0.0186 | 0.012 | 0.012 | 0.0386 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | arsenic | mg/kg | 10 | 10 | 100 | 2.29 | 7.67 | 5.559 | 1.77 | -- | -- | 6.585 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | bap teq | mg/kg | 10 | 10 | 100 | 0.0237 | 0.188 | 0.0697 | 0.0536 | -- | -- | 0.11 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.014 | 0.18 | 0.0554 | 0.0506 | -- | -- | 0.0924 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 10 | 90 | 0.019 | 0.14 | 0.0563 | 0.041 | 0.02 | 0.02 | 0.0764 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 10 | 70 | 0.012 | 0.075 | 0.0401 | 0.0217 | 0.0014 | 0.007 | 0.0464 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | chrysene | mg/kg | 10 | 10 | 100 | 0.045 | 0.51 | 0.16 | 0.145 | -- | -- | 0.267 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24426 marbella ave | lte02ft | cobalt | mg/kg | 10 | 10 | 100 | 7.08 | 12.4 | 9.549 | 1.445 | -- | -- | 10.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | copper | mg/kg | 10 | 10 | 100 | 7.91 | 44.2 | 20.16 | 9.864 | -- | -- | 25.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 10 | 50 | 0.0072 | 0.036 | 0.0254 | 0.0109 | 0.0027 | 0.013 | 0.0295 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 10 | 50 | 0.01 | 0.049 | 0.0326 | 0.0153 | 0.0035 | 0.017 | 0.037 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | lead | mg/kg | 10 | 10 | 100 | 3.74 | 59.4 | 19.34 | 16.07 | -- | -- | 31.45 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte02ft | pyrene | mg/kg | 10 | 10 | 100 | 0.028 | 0.28 | 0.104 | 0.0798 | -- | -- | 0.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | tph as diesel | mg/kg | 10 | 10 | 100 | 100 | 1200 | 561 | 383.4 | -- | -- | 783.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 280 | 3100 | 1549 | 1033 | -- | -- | 2148 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | vanadium | mg/kg | 10 | 10 | 100 | 24.2 | 39.4 | 34.02 | 4.811 | -- | -- | 36.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte02ft | zinc | mg/kg | 10 | 10 | 100 | 29.2 | 161 | 70.28 | 38.83 | -- | -- | 92.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 20 | 45 | 0.0024 | 2 | 0.567 | 0.754 | 0.0011 | 0.043 | 0.484 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 20 | 90 | 0.0021 | 2.9 | 0.331 | 0.835 | 0.0006 | 0.012 | 1.077 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 marbella ave | lte05ft | arsenic | mg/kg | 20 | 20 | 100 | 2.29 | 8.63 | 5.529 | 1.851 | -- | -- | 6.244 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte05ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00186 | 0.197 | 0.0676 | 0.0661 | -- | -- | 0.104 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte05ft | benzene | µg/kg | 6 | 20 | 30 | 0.11 | 0.26 | 0.183 | 0.0592 | 0.11 | 11 | 0.181 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 20 | 95 | 0.0018 | 0.18 | 0.0555 | 0.055 | 0.013 | 0.013 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 18 | 20 | 90 | 0.0014 | 0.18 | 0.057 | 0.055 | 0.0099 | 0.02 | 0.105 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 20 | 70 | 0.0039 | 0.075 | 0.0318 | 0.0238 | 0.00035 | 0.007 | 0.0327 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte05ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0046 | 0.7 | 0.194 | 0.221 | -- | -- | 0.308 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte05ft | cobalt | mg/kg | 20 | 20 | 100 | 5.68 | 12.4 | 8.911 | 1.688 | -- | -- | 9.563 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte05ft | copper | mg/kg | 20 | 20 | 100 | 7.91 | 44.2 | 17.37 | 7.857 | -- | -- | 20.42 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 20 | 50 | 0.0014 | 0.036 | 0.0184 | 0.0135 | 0.00067 | 0.013 | 0.0159 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 20 | 50 | 0.0018 | 0.049 | 0.0237 | 0.0177 | 0.00087 | 0.017 | 0.0199 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte05ft | lead | mg/kg | 20 | 20 | 100 | 2.35 | 59.4 | 12.38 | 13.41 | -- | -- | 17.81 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 marbella ave | lte05ft | naphthalene | mg/kg | 13 | 20 | 65 | 0.0022 | 0.83 | 0.201 | 0.333 | 0.00036 | 0.00074 | 0.247 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 marbella ave | lte05ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0069 | 1.4 | 0.195 | 0.32 | -- | -- | 0.327 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 marbella ave | lte05ft | tph as diesel | mg/kg | 20 | 20 | 100 | 46 | 18000 | 1681 | 3934 | -- | -- | 5515 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 marbella ave | lte05ft | tph as gasoline | mg/kg | 8 | 20 | 40 | 0.062 | 230 | 36.76 | 81.01 | 0.045 | 0.066 | 68.07 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 marbella ave | lte05ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 70 | 38000 | 3384 | 8230 | -- | -- | 11405 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 marbella ave | lte05ft | vanadium | mg/kg | 20 | 20 | 100 | 22.3 | 39.6 | 32.98 | 5.741 | -- | -- | 35.2 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 marbella ave | lte05ft | zinc | mg/kg | 20 | 20 | 100 | 29.2 | 161 | 56.13 | 31.14 | -- | -- | 68.78 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 13 | 24 | 54 | 0.0024 | 13 | 2.523 | 3.921 | 0.0011 | 0.043 | 2.51 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 22 | 24 | 92 | 0.0021 | 18 | 1.998 | 4.504 | 0.0006 | 0.012 | 5.701 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 marbella ave | lte10ft | arsenic | mg/kg | 24 | 24 | 100 | 2.29 | 9.78 | 5.81 | 1.965 | -- | -- | 6.498 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte10ft | bap teq | mg/kg | 23 | 24 | 96 | 0.00186 | 0.419 | 0.0949 | 0.102 | 0.208 | 0.208 | 0.185 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte10ft | benzene | µg/kg | 8 | 24 | 33 | 0.11 | 65 | 10.89 | 23.05 | 0.11 | 12 | 16.49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 20 | 24 | 83 | 0.0018 | 0.19 | 0.0622 | 0.0614 | 0.013 | 0.52 | 0.118 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 19 | 24 | 79 | 0.0014 | 0.18 | 0.0619 | 0.0575 | 0.0099 | 0.39 | 0.111 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 15 | 24 | 63 | 0.0039 | 0.089 | 0.0356 | 0.0273 | 0.00035 | 0.28 | 0.0372 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte10ft | chrysene | mg/kg | 23 | 24 | 96 | 0.0046 | 1.3 | 0.274 | 0.322 | 0.47 | 0.47 | 0.55 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 marbella ave | lte10ft | cobalt | mg/kg | 24 | 24 | 100 | 5.68 | 12.4 | 8.758 | 1.603 | -- | -- | 9.318 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte10ft | copper | mg/kg | 24 | 24 | 100 | 7.91 | 44.2 | 17.05 | 7.212 | -- | -- | 19.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 11 | 24 | 46 | 0.0014 | 0.036 | 0.0193 | 0.0131 | 0.00067 | 0.54 | 0.016 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 marbella ave | lte10ft | ethylbenzene | µg/kg | 8 | 24 | 33 | 0.16 | 2600 | 475.6 | 879.2 | 0.12 | 0.17 | 355 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 24 | 46 | 0.0018 | 0.049 | 0.0257 | 0.0181 | 0.00087 | 0.69 | 0.0223 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 marbella ave | lte10ft | lead | mg/kg | 24 | 24 | 100 | 2.35 | 59.4 | 11.35 | 12.51 | -- | -- | 16.39 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24426 marbella ave | lte10ft | naphthalene | mg/kg | 17 | 24 | 71 | 0.0022 | 9.3 | 1.132 | 2.404 | 0.00036 | 0.00074 | 2.663 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 marbella ave | lte10ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0069 | 2.5 | 0.407 | 0.619 | -- | -- | 0.958 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 marbella ave | lte10ft | tph as diesel | mg/kg | 24 | 24 | 100 | 46 | 18000 | 3338 | 5487 | -- | -- | 8220 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 marbella ave | lte10ft | tph as gasoline | mg/kg | 12 | 24 | 50 | 0.062 | 790 | 112 | 226.8 | 0.045 | 0.066 | 207.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 marbella ave | lte10ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 70 | 38000 | 5340 | 8992 | -- | -- | 13341 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 marbella ave | lte10ft | vanadium | mg/kg | 24 | 24 | 100 | 22.3 | 39.6 | 32.9 | 5.324 | -- | -- | 34.76 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 marbella ave | lte10ft | zinc | mg/kg | 24 | 24 | 100 | 29.2 | 161 | 53.67 | 28.9 | -- | -- | 64.31 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 10 | 50 | 0.18 | 0.69 | 0.322 | 0.215 | 0.09 | 0.1 | 0.351 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.0057 | 0.39 | 0.112 | 0.162 | 0.0011 | 0.0054 | 0.159 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.0015 | 0.37 | 0.071 | 0.126 | -- | -- | 0.245 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 3.86 | 8.98 | 5.849 | 1.606 | -- | -- | 6.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.00588 | 0.142 | 0.035 | 0.0401 | -- | -- | 0.0634 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | benzene | µg/kg | 8 | 10 | 80 | 0.13 | 1.1 | 0.474 | 0.385 | 0.1 | 0.11 | 0.622 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24426 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.0027 | 0.14 | 0.0419 | 0.0487 | -- | -- | 0.0886 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 10 | 100 | 0.0046 | 0.12 | 0.0276 | 0.0338 | -- | -- | 0.0505 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.013 | 0.33 | 0.103 | 0.106 | -- | -- | 0.189 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 7.04 | 12 | 9.345 | 1.71 | -- | -- | 10.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 9.06 | 18.6 | 13.25 | 3.475 | -- | -- | 15.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 5.75 | 12.6 | 8.976 | 2.465 | -- | -- | 10.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | naphthalene | mg/kg | 9 | 10 | 90 | 0.00031 | 0.11 | 0.0145 | 0.036 | 0.00026 | 0.00026 | 0.0606 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.013 | 0.37 | 0.16 | 0.124 | -- | -- | 0.232 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | toluene | µg/kg | 6 | 10 | 60 | 0.14 | 0.45 | 0.227 | 0.117 | 0.12 | 0.13 | 0.251 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 10 | 90 | 53 | 3500 | 694.8 | 1067 | 4.8 | 4.8 | 2054 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 9 | 10 | 90 | 0.065 | 2.1 | 0.66 | 0.813 | 0.048 | 0.048 | 1.695 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 10 | 90 | 160 | 9500 | 1553 | 2989 | 7 | 7 | 5370 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 25.6 | 42.1 | 33.33 | 5.761 | -- | -- | 36.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 5 | 10 | 50 | 0.27 | 2.9 | 1.008 | 1.094 | 0.16 | 0.18 | 1.147 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 28.6 | 51.6 | 37.23 | 7.569 | -- | -- | 41.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 10 | 60 | 0.12 | 0.67 | 0.337 | 0.208 | 0.096 | 0.12 | 0.377 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | arsenic | mg/kg | 10 | 10 | 100 | 3.18 | 8.12 | 5.927 | 1.695 | -- | -- | 6.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | bap teq | mg/kg | 9 | 10 | 90 | 0.000605 | 0.0346 | 0.0142 | 0.0117 | 0.00208 | 0.00208 | 0.0197 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | benzene | µg/kg | 8 | 10 | 80 | 0.17 | 1.1 | 0.356 | 0.321 | 0.11 | 0.12 | 0.485 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 10 | 90 | 0.0009 | 0.026 | 0.0108 | 0.00898 | 0.0026 | 0.0026 | 0.0151 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 8 | 10 | 80 | 0.0024 | 0.025 | 0.0118 | 0.00777 | 0.0005 | 0.002 | 0.0146 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | chrysene | mg/kg | 9 | 10 | 90 | 0.0026 | 0.071 | 0.026 | 0.0215 | 0.0047 | 0.0047 | 0.0363 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | cobalt | mg/kg | 10 | 10 | 100 | 7.78 | 11.6 | 9.738 | 1.146 | -- | -- | 10.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | copper | mg/kg | 10 | 10 | 100 | 10.4 | 24.6 | 16.62 | 5.732 | -- | -- | 19.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | lead | mg/kg | 10 | 10 | 100 | 4.72 | 20.8 | 10.76 | 5.977 | -- | -- | 14.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | pyrene | mg/kg | 9 | 10 | 90 | 0.0014 | 0.11 | 0.0228 | 0.0337 | 0.0033 | 0.0033 | 0.0657 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte02ft | toluene | µg/kg | 7 | 10 | 70 | 0.14 | 1.1 | 0.384 | 0.328 | 0.12 | 0.15 | 0.489 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte02ft | tph as diesel | mg/kg | 7 | 10 | 70 | 22 | 110 | 67.29 | 34.89 | 4.8 | 4.8 | 76.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | tph as gasoline | mg/kg | 6 | 10 | 60 | 0.049 | 0.22 | 0.0987 | 0.0626 | 0.048 | 0.06 | 0.111 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte02ft | tph as motor oil | mg/kg | 9 | 10 | 90 | 22 | 530 | 256.3 | 188.6 | 7 | 7 | 345.3 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | vanadium | mg/kg | 10 | 10 | 100 | 26.1 | 42.5 | 34.24 | 5.653 | -- | -- | 37.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte02ft | zinc | mg/kg | 10 | 10 | 100 | 27.2 | 73.3 | 45.81 | 16.18 | -- | -- | 55.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 20 | 45 | 0.12 | 0.67 | 0.326 | 0.167 | 0.091 | 0.12 | 0.312 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 5 | 20 | 25 | 0.0011 | 0.0095 | 0.00412 | 0.0033 | 0.0006 | 0.003 | 0.0043 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte05ft | arsenic | mg/kg | 20 | 20 | 100 | 3.18 | 8.12 | 5.214 | 1.502 | -- | -- | 5.794 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte05ft | bap teq | mg/kg | 17 | 20 | 85 | 0.000605 | 0.0346 | 0.0119 | 0.00976 | 0.00208 | 0.00261 | 0.0142 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte05ft | benzene | µg/kg | 15 | 20 | 75 | 0.11 | 1.1 | 0.265 | 0.25 | 0.11 | 0.12 | 0.341 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 17 | 20 | 85 | 0.0009 | 0.033 | 0.0108 | 0.00913 | 0.0026 | 0.0033 | 0.013 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 20 | 75 | 0.0016 | 0.025 | 0.01 | 0.00685 | 0.0005 | 0.0025 | 0.0108 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 6 | 20 | 30 | 0.0012 | 0.025 | 0.00977 | 0.0104 | 0.0004 | 0.0018 | 0.00653 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 20 | 30 | 0.056 | 0.44 | 0.211 | 0.143 | 0.22 | 0.22 | 0.194 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte05ft | chrysene | mg/kg | 17 | 20 | 85 | 0.0026 | 0.074 | 0.0274 | 0.0211 | 0.0047 | 0.0059 | 0.0329 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte05ft | cobalt | mg/kg | 20 | 20 | 100 | 5.9 | 12.2 | 9.134 | 1.664 | -- | -- | 9.777 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte05ft | copper | mg/kg | 20 | 20 | 100 | 6.93 | 24.6 | 13.04 | 5.505 | -- | -- | 15.22 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte05ft | lead | mg/kg | 20 | 20 | 100 | 4.44 | 20.8 | 8.211 | 4.917 | -- | -- | 10.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte05ft | pyrene | mg/kg | 19 | 20 | 95 | 0.0014 | 0.23 | 0.0438 | 0.0623 | 0.0033 | 0.0033 | 0.102 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 neptune ave | lte05ft | toluene | µg/kg | 12 | 20 | 60 | 0.12 | 1.4 | 0.406 | 0.408 | 0.12 | 0.15 | 0.431 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 neptune ave | lte05ft | tph as diesel | mg/kg | 16 | 20 | 80 | 22 | 880 | 174.8 | 264.4 | 4.8 | 4.8 | 382.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte05ft | tph as gasoline | mg/kg | 9 | 20 | 45 | 0.049 | 0.54 | 0.141 | 0.158 | 0.047 | 0.06 | 0.136 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte05ft | tph as motor oil | mg/kg | 18 | 20 | 90 | 22 | 2300 | 408.3 | 545.5 | 7 | 7 | 887.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte05ft | vanadium | mg/kg | 20 | 20 | 100 | 23.4 | 42.5 | 32.24 | 5.235 | -- | -- | 34.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte05ft | zinc | mg/kg | 20 | 20 | 100 | 22.2 | 73.3 | 38.26 | 13.95 | -- | -- | 43.82 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 30 | 47 | 0.12 | 0.69 | 0.324 | 0.177 | 0.09 | 0.12 | 0.265 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 30 | 23 | 0.0057 | 0.39 | 0.112 | 0.162 | 0.0011 | 0.0054 | 0.0591 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 15 | 30 | 50 | 0.0011 | 0.37 | 0.0487 | 0.106 | 0.0006 | 0.003 | 0.0878 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 neptune ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 3.18 | 8.98 | 5.425 | 1.54 | -- | -- | 5.903 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte10ft | bap teq | mg/kg | 27 | 30 | 90 | 0.000605 | 0.142 | 0.0205 | 0.0273 | 0.00208 | 0.00261 | 0.0397 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte10ft | benzene | µg/kg | 23 | 30 | 77 | 0.11 | 1.1 | 0.337 | 0.312 | 0.1 | 0.12 | 0.382 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 27 | 30 | 90 | 0.0009 | 0.14 | 0.0223 | 0.0332 | 0.0026 | 0.0033 | 0.0459 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24426 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 25 | 30 | 83 | 0.0016 | 0.12 | 0.017 | 0.0231 | 0.0005 | 0.0025 | 0.0232 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 30 | 33 | 0.0012 | 0.025 | 0.00949 | 0.00903 | 0.0004 | 0.007 | 0.00604 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 9 | 30 | 30 | 0.056 | 0.44 | 0.197 | 0.119 | 0.22 | 0.22 | 0.173 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte10ft | chrysene | mg/kg | 27 | 30 | 90 | 0.0026 | 0.33 | 0.0553 | 0.0744 | 0.0047 | 0.0059 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 5.9 | 12.2 | 9.204 | 1.652 | -- | -- | 9.717 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 6.93 | 24.6 | 13.11 | 4.859 | -- | -- | 14.69 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24426 neptune ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 4.44 | 20.8 | 8.466 | 4.226 | -- | -- | 9.816 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte10ft | naphthalene | mg/kg | 10 | 30 | 33 | 0.00031 | 0.11 | 0.0131 | 0.0343 | 0.00025 | 0.00033 | 0.0211 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte10ft | pyrene | mg/kg | 29 | 30 | 97 | 0.0014 | 0.37 | 0.0839 | 0.103 | 0.0033 | 0.0033 | 0.163 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 neptune ave | lte10ft | toluene | µg/kg | 18 | 30 | 60 | 0.12 | 1.4 | 0.346 | 0.345 | 0.12 | 0.15 | 0.353 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte10ft | tph as diesel | mg/kg | 25 | 30 | 83 | 22 | 3500 | 362 | 698.7 | 4.8 | 4.8 | 823.3 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 neptune ave | lte10ft | tph as gasoline | mg/kg | 18 | 30 | 60 | 0.049 | 2.1 | 0.4 | 0.628 | 0.047 | 0.06 | 0.672 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 neptune ave | lte10ft | tph as motor oil | mg/kg | 27 | 30 | 90 | 22 | 9500 | 790 | 1801 | 7 | 7 | 2086 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 neptune ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 23.4 | 42.5 | 32.6 | 5.341 | -- | -- | 34.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 neptune ave | lte10ft | xylenes, total | µg/kg | 9 | 30 | 30 | 0.19 | 2.9 | 0.7 | 0.864 | 0.15 | 0.21 | 0.509 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 neptune ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 22.2 | 73.3 | 37.92 | 12.07 | -- | -- | 41.76 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 16 | 94 | 0.0007 | 0.15 | 0.0133 | 0.0379 | 0.024 | 0.024 | 0.0528 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.74 | 6.24 | 3.068 | 1.226 | -- | -- | 3.627 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 panama ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00105 | 0.409 | 0.0373 | 0.102 | -- | -- | 0.148 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte02ft | benzene | µg/kg | 6 | 16 | 38 | 0.13 | 0.58 | 0.335 | 0.159 | 0.11 | 0.16 | 0.335 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0007 | 0.29 | 0.0273 | 0.0712 | -- | -- | 0.105 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0007 | 0.32 | 0.0302 | 0.082 | 0.0039 | 0.0039 | 0.115 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 16 | 88 | 0.0007 | 0.17 | 0.02 | 0.0449 | 0.0004 | 0.0004 | 0.0639 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte02ft | cadmium | mg/kg | 9 | 16 | 56 | 0.0903 | 0.745 | 0.304 | 0.219 | 0.0883 | 0.0883 | 0.306 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0016 | 0.95 | 0.0834 | 0.234 | -- | -- | 0.338 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.82 | 11.3 | 8.92 | 1.307 | -- | -- | 9.493 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 9.09 | 18.4 | 13.69 | 2.607 | -- | -- | 14.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 16 | 50 | 0.0017 | 0.2 | 0.035 | 0.0695 | 0.0009 | 0.0069 | 0.0753 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 5.81 | 40.4 | 11.62 | 8.326 | -- | -- | 14.97 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 panama ave | lte02ft | naphthalene | mg/kg | 8 | 16 | 50 | 0.001 | 0.076 | 0.0114 | 0.0261 | 0.00027 | 0.00036 | 0.0159 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0012 | 0.42 | 0.039 | 0.103 | -- | -- | 0.151 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte02ft | toluene | µg/kg | 8 | 16 | 50 | 0.13 | 0.83 | 0.369 | 0.261 | 0.13 | 0.16 | 0.359 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte02ft | tph as diesel | mg/kg | 12 | 16 | 75 | 9.7 | 4700 | 563.6 | 1368 | 4.8 | 4.8 | 1745 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte02ft | tph as gasoline | mg/kg | 7 | 16 | 44 | 0.064 | 0.26 | 0.128 | 0.0699 | 0.051 | 0.059 | 0.125 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte02ft | tph as motor oil | mg/kg | 14 | 16 | 88 | 11 | 9800 | 1051 | 2688 | 7 | 7 | 3688 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 19.9 | 39.9 | 29.74 | 6.455 | -- | -- | 32.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 28.7 | 101 | 47.92 | 18.07 | -- | -- | 55.83 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 23 | 78 | 0.0007 | 0.15 | 0.0113 | 0.0347 | 0.0006 | 0.024 | 0.0373 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte05ft | arsenic | mg/kg | 23 | 23 | 100 | 1.74 | 6.27 | 3.788 | 1.548 | -- | -- | 4.419 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 panama ave | lte05ft | bap teq | mg/kg | 19 | 23 | 83 | 0.00105 | 0.409 | 0.0319 | 0.0937 | 0.00053 | 0.00053 | 0.105 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte05ft | benzene | µg/kg | 6 | 23 | 26 | 0.13 | 0.58 | 0.335 | 0.159 | 0.11 | 0.16 | 0.315 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 23 | 83 | 0.0007 | 0.29 | 0.0235 | 0.0657 | 0.0007 | 0.0007 | 0.0744 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 18 | 23 | 78 | 0.0007 | 0.32 | 0.0255 | 0.0752 | 0.0005 | 0.0039 | 0.0813 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 23 | 74 | 0.0007 | 0.17 | 0.0168 | 0.0411 | 0.0004 | 0.0004 | 0.0453 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte05ft | cadmium | mg/kg | 11 | 23 | 48 | 0.0903 | 0.745 | 0.271 | 0.209 | 0.0883 | 0.0883 | 0.239 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 panama ave | lte05ft | chrysene | mg/kg | 19 | 23 | 83 | 0.0016 | 0.95 | 0.0711 | 0.216 | 0.0012 | 0.0012 | 0.239 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte05ft | cobalt | mg/kg | 23 | 23 | 100 | 6.82 | 14.2 | 9.979 | 2.034 | -- | -- | 10.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte05ft | copper | mg/kg | 23 | 23 | 100 | 9.09 | 23 | 15.37 | 3.658 | -- | -- | 16.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 23 | 35 | 0.0017 | 0.2 | 0.035 | 0.0695 | 0.0009 | 0.0069 | 0.0536 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte05ft | lead | mg/kg | 23 | 23 | 100 | 5.81 | 40.4 | 10.3 | 7.185 | -- | -- | 13.06 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte05ft | naphthalene | mg/kg | 10 | 23 | 43 | 0.001 | 0.076 | 0.00964 | 0.0233 | 0.00026 | 0.00036 | 0.0143 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte05ft | pyrene | mg/kg | 21 | 23 | 91 | 0.0012 | 0.42 | 0.0329 | 0.0901 | 0.0008 | 0.0008 | 0.109 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte05ft | toluene | µg/kg | 8 | 23 | 35 | 0.13 | 0.83 | 0.369 | 0.261 | 0.12 | 0.16 | 0.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte05ft | tph as diesel | mg/kg | 13 | 23 | 57 | 9.7 | 4700 | 523.6 | 1318 | 4.8 | 4.8 | 1232 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte05ft | tph as gasoline | mg/kg | 7 | 23 | 30 | 0.064 | 0.26 | 0.128 | 0.0699 | 0.049 | 0.059 | 0.114 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte05ft | tph as motor oil | mg/kg | 15 | 23 | 65 | 11 | 9800 | 986.8 | 2602 | 7 | 7 | 2606 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte05ft | vanadium | mg/kg | 23 | 23 | 100 | 19.9 | 45.1 | 33.11 | 7.559 | -- | -- | 35.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte05ft | zinc | mg/kg | 23 | 23 | 100 | 28.7 | 101 | 48.9 | 15.19 | -- | -- | 54.25 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 22 | 30 | 73 | 0.0007 | 0.15 | 0.00961 | 0.0314 | 0.0006 | 0.024 | 0.029 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24426 panama ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 1.5 | 6.27 | 3.472 | 1.524 | -- | -- | 3.991 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 panama ave | lte10ft | bap teq | mg/kg | 22 | 30 | 73 | 0.00105 | 0.409 | 0.0281 | 0.0873 | 0.00053 | 0.00053 | 0.0812 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte10ft | benzene | µg/kg | 8 | 30 | 27 | 0.13 | 3.9 | 1.101 | 1.45 | 0.11 | 0.16 | 0.826 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 22 | 30 | 73 | 0.0007 | 0.29 | 0.0207 | 0.0612 | 0.0007 | 0.0007 | 0.0577 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 30 | 70 | 0.0007 | 0.32 | 0.0223 | 0.0698 | 0.0005 | 0.0039 | 0.063 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 18 | 30 | 60 | 0.0007 | 0.17 | 0.0159 | 0.04 | 0.0004 | 0.0018 | 0.0352 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte10ft | cadmium | mg/kg | 12 | 30 | 40 | 0.0903 | 0.745 | 0.261 | 0.203 | 0.0883 | 0.0883 | 0.207 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 panama ave | lte10ft | chrysene | mg/kg | 22 | 30 | 73 | 0.0016 | 0.95 | 0.0625 | 0.201 | 0.0012 | 0.0012 | 0.185 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 2.7 | 14.2 | 8.907 | 2.776 | -- | -- | 9.768 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 4.74 | 23 | 13.79 | 4.474 | -- | -- | 15.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 30 | 27 | 0.0017 | 0.2 | 0.035 | 0.0695 | 0.0009 | 0.0069 | 0.0418 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 2.13 | 40.4 | 8.703 | 6.929 | -- | -- | 10.62 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 panama ave | lte10ft | naphthalene | mg/kg | 14 | 30 | 47 | 0.001 | 0.076 | 0.00744 | 0.0198 | 0.00026 | 0.00036 | 0.00909 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte10ft | pyrene | mg/kg | 26 | 30 | 87 | 0.0012 | 0.42 | 0.0277 | 0.0813 | 0.0008 | 0.0008 | 0.0849 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 panama ave | lte10ft | toluene | µg/kg | 10 | 30 | 33 | 0.13 | 0.83 | 0.395 | 0.246 | 0.12 | 0.16 | 0.298 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte10ft | tph as diesel | mg/kg | 14 | 30 | 47 | 9.7 | 4700 | 489.7 | 1272 | 4.8 | 4.8 | 953.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte10ft | tph as gasoline | mg/kg | 7 | 30 | 23 | 0.064 | 0.26 | 0.128 | 0.0699 | 0.048 | 0.062 | 0.112 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte10ft | tph as motor oil | mg/kg | 16 | 30 | 53 | 11 | 9800 | 931.1 | 2523 | 7 | 7 | 2016 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 panama ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 9.9 | 45.1 | 29.74 | 9.423 | -- | -- | 32.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 panama ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 14.8 | 101 | 43.8 | 16.66 | -- | -- | 49.33 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 10 | 100 | 0.73 | 1500 | 288.1 | 506.8 | -- | -- | 1367 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 10 | 60 | 0.3 | 39 | 19.23 | 18.21 | 0.082 | 7.9 | 22.55 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 11 | 91 | 0.01 | 0.18 | 0.0711 | 0.0576 | 0.011 | 0.011 | 0.0972 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 0.014 | 0.26 | 0.0923 | 0.0847 | -- | -- | 0.139 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | antimony | mg/kg | 8 | 11 | 73 | 0.625 | 2.4 | 1.215 | 0.579 | 0.306 | 0.306 | 1.364 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 4.31 | 13.8 | 7.501 | 2.54 | -- | -- | 8.889 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.00436 | 0.035 | 0.0181 | 0.0117 | -- | -- | 0.0245 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | benzene | µg/kg | 7 | 10 | 70 | 0.48 | 31 | 15.2 | 13.46 | 0.11 | 11 | 18.59 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 11 | 11 | 100 | 0.0044 | 0.044 | 0.0215 | 0.0136 | -- | -- | 0.029 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 11 | 91 | 0.0037 | 0.027 | 0.0147 | 0.00859 | 0.0025 | 0.0025 | 0.0185 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 11 | 11 | 100 | 0.0029 | 0.016 | 0.00755 | 0.0042 | -- | -- | 0.00984 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.012 | 0.19 | 0.0645 | 0.0543 | -- | -- | 0.0941 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 7.3 | 12.8 | 10.18 | 1.785 | -- | -- | 11.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 8.19 | 21.5 | 15.32 | 4.21 | -- | -- | 17.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 3.8 | 320 | 122.4 | 117.3 | -- | -- | 190.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 5.51 | 9.39 | 7.013 | 1.16 | -- | -- | 7.647 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 10 | 11 | 91 | 0.01 | 1.5 | 0.441 | 0.486 | 0.0046 | 0.0046 | 1.034 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.011 | 0.36 | 0.0994 | 0.11 | -- | -- | 0.187 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 11 | 91 | 40 | 640 | 217.4 | 209.6 | 4.8 | 4.8 | 473.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 0.18 | 72 | 7.96 | 22.51 | -- | -- | 38.99 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 11 | 91 | 58 | 1100 | 315.1 | 334.9 | 7 | 7 | 723.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 25.8 | 47.6 | 37.28 | 6.458 | -- | -- | 40.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 10 | 70 | 0.61 | 220 | 70.88 | 89.4 | 0.17 | 16 | 97.98 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 26.1 | 53.5 | 40.4 | 8.477 | -- | -- | 45.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 22 | 41 | 0.19 | 1.3 | 0.748 | 0.442 | 0.095 | 0.14 | 0.611 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 10 | 22 | 45 | 0.0053 | 0.21 | 0.0356 | 0.0627 | 0.0054 | 0.021 | 0.0358 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 22 | 22 | 100 | 0.004 | 0.33 | 0.0484 | 0.0806 | -- | -- | 0.123 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | antimony | mg/kg | 10 | 22 | 45 | 0.551 | 1.83 | 0.983 | 0.393 | 0.306 | 0.306 | 0.915 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | arsenic | mg/kg | 22 | 22 | 100 | 2.9 | 9.48 | 5.892 | 1.481 | -- | -- | 6.436 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | bap teq | mg/kg | 22 | 22 | 100 | 0.0158 | 0.66 | 0.0877 | 0.141 | -- | -- | 0.219 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte02ft | benzene | µg/kg | 19 | 22 | 86 | 0.11 | 0.42 | 0.239 | 0.0791 | 0.11 | 0.11 | 0.254 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 22 | 22 | 100 | 0.011 | 0.9 | 0.0852 | 0.188 | -- | -- | 0.26 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 22 | 22 | 100 | 0.012 | 0.45 | 0.067 | 0.0978 | -- | -- | 0.158 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 22 | 82 | 0.0077 | 0.29 | 0.0429 | 0.0674 | 0.0018 | 0.0028 | 0.0946 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 22 | 23 | 0.0064 | 0.072 | 0.0294 | 0.0306 | 0.0023 | 0.023 | 0.023 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | chromium, hexavalent | mg/kg | 8 | 22 | 36 | 0.26 | 0.88 | 0.425 | 0.233 | 0.22 | 0.22 | 0.385 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte02ft | chrysene | mg/kg | 22 | 22 | 100 | 0.023 | 2.2 | 0.228 | 0.459 | -- | -- | 0.654 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | cobalt | mg/kg | 22 | 22 | 100 | 6.3 | 15.3 | 8.762 | 1.865 | -- | -- | 9.428 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte02ft | copper | mg/kg | 22 | 22 | 100 | 7.38 | 23.6 | 15.09 | 4.472 | -- | -- | 16.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24426 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 22 | 32 | 0.0047 | 0.14 | 0.0298 | 0.0496 | 0.0034 | 0.013 | 0.0241 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 22 | 36 | 0.0063 | 0.14 | 0.0331 | 0.0457 | 0.0043 | 0.017 | 0.0274 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte02ft | lead | mg/kg | 22 | 22 | 100 | 5.12 | 49.1 | 14.96 | 9.192 | -- | -- | 18.31 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte02ft | naphthalene | mg/kg | 18 | 22 | 82 | 0.0003 | 0.14 | 0.0211 | 0.0349 | 0.00028 | 0.00038 | 0.0477 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte02ft | pyrene | mg/kg | 22 | 22 | 100 | 0.011 | 1.1 | 0.143 | 0.243 | -- | -- | 0.368 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | toluene | µg/kg | 16 | 22 | 73 | 0.13 | 0.63 | 0.339 | 0.145 | 0.12 | 0.16 | 0.344 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | tph as diesel | mg/kg | 22 | 22 | 100 | 76 | 1700 | 351.3 | 359.1 | -- | -- | 480.4 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 ravenna ave | lte02ft | tph as motor oil | mg/kg | 22 | 22 | 100 | 230 | 3500 | 915 | 758.4 | -- | -- | 1211 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte02ft | vanadium | mg/kg | 22 | 22 | 100 | 21.3 | 41.1 | 31.38 | 4.826 | -- | -- | 33.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | xylenes, total | µg/kg | 10 | 22 | 45 | 0.18 | 0.86 | 0.471 | 0.259 | 0.16 | 0.23 | 0.411 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte02ft | zinc | mg/kg | 22 | 22 | 100 | 24.7 | 82 | 46.12 | 13.75 | -- | -- | 51.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 38 | 47 | 0.19 | 19000 | 2467 | 5884 | 0.09 | 9.7 | 4169 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 38 | 13 | 0.17 | 1500 | 566.4 | 618.6 | 0.076 | 8.2 | 608.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 23 | 38 | 61 | 0.0025 | 42 | 3.189 | 8.822 | 0.0054 | 0.021 | 6.914 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 37 | 38 | 97 | 0.004 | 73 | 3.042 | 12.14 | 0.0048 | 0.0048 | 11.44 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | antimony | mg/kg | 20 | 38 | 53 | 0.551 | 1.89 | 1.083 | 0.392 | 0.306 | 0.306 | 0.962 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | arsenic | mg/kg | 38 | 38 | 100 | 2.9 | 9.48 | 6.129 | 1.409 | -- | -- | 6.514 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | bap teq | mg/kg | 38 | 38 | 100 | 0.00316 | 1.983 | 0.141 | 0.332 | -- | -- | 0.225 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | benzene | µg/kg | 29 | 38 | 76 | 0.11 | 680 | 58.51 | 179.7 | 0.1 | 11 | 157.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 37 | 38 | 97 | 0.0035 | 2.2 | 0.151 | 0.382 | 0.13 | 0.13 | 0.415 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 38 | 38 | 100 | 0.0023 | 1.6 | 0.11 | 0.264 | -- | -- | 0.177 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 32 | 38 | 84 | 0.0017 | 0.47 | 0.0509 | 0.0945 | 0.0018 | 0.07 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 38 | 24 | 0.0049 | 0.072 | 0.0203 | 0.0243 | 0.0011 | 0.45 | 0.0138 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 10 | 38 | 26 | 0.26 | 0.88 | 0.405 | 0.209 | 0.22 | 0.22 | 0.338 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | chrysene | mg/kg | 38 | 38 | 100 | 0.007 | 3 | 0.298 | 0.582 | -- | -- | 0.526 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | cobalt | mg/kg | 38 | 38 | 100 | 5.68 | 15.3 | 9.032 | 1.896 | -- | -- | 9.556 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte05ft | copper | mg/kg | 38 | 38 | 100 | 7.38 | 23.9 | 14.21 | 4.434 | -- | -- | 15.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 38 | 21 | 0.0047 | 0.14 | 0.0274 | 0.0464 | 0.0007 | 0.27 | 0.0201 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | ethylbenzene | µg/kg | 17 | 38 | 45 | 0.15 | 6000 | 846.6 | 1785 | 0.12 | 0.18 | 1277 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 38 | 26 | 0.0063 | 0.14 | 0.0332 | 0.0415 | 0.0009 | 0.35 | 0.0213 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte05ft | lead | mg/kg | 38 | 38 | 100 | 4.22 | 49.1 | 11.88 | 8.057 | -- | -- | 13.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte05ft | naphthalene | mg/kg | 33 | 38 | 87 | 0.0003 | 19 | 1.284 | 3.875 | 0.00028 | 0.00038 | 3.688 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | pyrene | mg/kg | 38 | 38 | 100 | 0.011 | 16 | 0.741 | 2.608 | -- | -- | 2.585 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | toluene | µg/kg | 22 | 38 | 58 | 0.13 | 26 | 2.095 | 6.085 | 0.12 | 13 | 4.624 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | tph as diesel | mg/kg | 38 | 38 | 100 | 19 | 17000 | 1477 | 3330 | -- | -- | 3832 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | tph as gasoline | mg/kg | 16 | 38 | 42 | 0.067 | 1100 | 214.6 | 374 | 0.047 | 0.071 | 278.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | tph as motor oil | mg/kg | 38 | 38 | 100 | 26 | 14000 | 1692 | 2756 | -- | -- | 3298 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | vanadium | mg/kg | 38 | 38 | 100 | 21.3 | 47.5 | 33.12 | 5.444 | -- | -- | 34.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte05ft | xylenes, total | µg/kg | 20 | 38 | 53 | 0.18 | 6400 | 711.7 | 1814 | 0.16 | 17 | 1340 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte05ft | zinc | mg/kg | 38 | 38 | 100 | 24.7 | 82 | 42.64 | 12.71 | -- | -- | 46.17 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 28 | 48 | 58 | 0.19 | 19000 | 1689 | 4798 | 0.09 | 9.7 | 3351 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 48 | 23 | 0.17 | 1500 | 268 | 484.7 | 0.076 | 8.2 | 124.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 33 | 49 | 67 | 0.0025 | 42 | 2.244 | 7.458 | 0.0054 | 0.021 | 5.382 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 48 | 49 | 98 | 0.004 | 73 | 2.366 | 10.7 | 0.0048 | 0.0048 | 8.915 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte10ft | antimony | mg/kg | 28 | 49 | 57 | 0.551 | 2.4 | 1.121 | 0.446 | 0.306 | 0.306 | 0.983 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte10ft | arsenic | mg/kg | 49 | 49 | 100 | 2.9 | 13.8 | 6.437 | 1.791 | -- | -- | 6.874 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24426 ravenna ave | lte10ft | bap teq | mg/kg | 49 | 49 | 100 | 0.00316 | 1.983 | 0.114 | 0.296 | -- | -- | 0.156 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | benzene | µg/kg | 36 | 48 | 75 | 0.11 | 680 | 50.09 | 161.8 | 0.1 | 11 | 126.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 48 | 49 | 98 | 0.0035 | 2.2 | 0.121 | 0.339 | 0.13 | 0.13 | 0.329 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 48 | 49 | 98 | 0.0023 | 1.6 | 0.0901 | 0.238 | 0.0025 | 0.0025 | 0.235 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 43 | 49 | 88 | 0.0017 | 0.47 | 0.0398 | 0.0834 | 0.0018 | 0.07 | 0.0847 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 49 | 24 | 0.0015 | 0.072 | 0.0163 | 0.022 | 0.0011 | 0.45 | 0.0118 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 11 | 49 | 22 | 0.26 | 0.88 | 0.408 | 0.199 | 0.22 | 0.22 | 0.321 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 ravenna ave | lte10ft | chrysene | mg/kg | 49 | 49 | 100 | 0.007 | 3 | 0.246 | 0.521 | -- | -- | 0.365 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | cobalt | mg/kg | 49 | 49 | 100 | 5.68 | 15.3 | 9.289 | 1.915 | -- | -- | 9.748 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | copper | mg/kg | 49 | 49 | 100 | 7.38 | 23.9 | 14.46 | 4.366 | -- | -- | 15.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 49 | 24 | 0.0009 | 0.14 | 0.0188 | 0.0391 | 0.0007 | 0.27 | 0.0126 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | ethylbenzene | µg/kg | 27 | 48 | 56 | 0.15 | 6000 | 578.4 | 1447 | 0.12 | 0.18 | 652 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24426 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 49 | 27 | 0.0012 | 0.14 | 0.0263 | 0.0382 | 0.0009 | 0.35 | 0.0144 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24426 ravenna ave | lte10ft | lead | mg/kg | 49 | 49 | 100 | 4.22 | 49.1 | 10.79 | 7.384 | -- | -- | 12.64 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte10ft | naphthalene | mg/kg | 43 | 49 | 88 | 0.0003 | 19 | 1.088 | 3.409 | 0.00028 | 0.0046 | 2.956 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | pyrene | mg/kg | 49 | 49 | 100 | 0.011 | 16 | 0.597 | 2.306 | -- | -- | 2.033 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte10ft | toluene | µg/kg | 26 | 48 | 54 | 0.13 | 26 | 1.812 | 5.619 | 0.12 | 13 | 3.711 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte10ft | tph as diesel | mg/kg | 48 | 49 | 98 | 19 | 17000 | 1215 | 3001 | 4.8 | 4.8 | 3043 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | tph as gasoline | mg/kg | 26 | 48 | 54 | 0.067 | 1100 | 135.1 | 307.6 | 0.047 | 0.071 | 222.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte10ft | tph as motor oil | mg/kg | 48 | 49 | 98 | 26 | 14000 | 1405 | 2514 | 7 | 7 | 2931 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | vanadium | mg/kg | 49 | 49 | 100 | 21.3 | 47.6 | 34.06 | 5.883 | -- | -- | 35.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24426 ravenna ave | lte10ft | xylenes, total | µg/kg | 27 | 48 | 56 | 0.18 | 6400 | 545.6 | 1578 | 0.16 | 17 | 1071 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24426 ravenna ave | lte10ft | zinc | mg/kg | 49 | 49 | 100 | 24.7 | 82 | 42.14 | 11.85 | -- | -- | 44.99 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 5.88 | 9.52 | 7.613 | 1.298 | -- | -- | 8.285 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.000565 | 0.0946 | 0.0176 | 0.0275 | -- | -- | 0.0429 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte02ft | benzene | µg/kg | 11 | 12 | 92 | 0.12 | 0.33 | 0.203 | 0.055 | 0.11 | 0.11 | 0.226 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 12 | 92 | 0.0007 | 0.068 | 0.0147 | 0.0209 | 0.0033 | 0.0033 | 0.0393 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 12 | 75 | 0.0014 | 0.069 | 0.017 | 0.0218 | 0.0005 | 0.0005 | 0.0385 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 12 | 58 | 0.0012 | 0.069 | 0.0183 | 0.0239 | 0.0004 | 0.0018 | 0.0239 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte02ft | chrysene | mg/kg | 8 | 12 | 67 | 0.0023 | 0.11 | 0.037 | 0.0423 | 0.0012 | 0.0059 | 0.0469 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 10.6 | 14.8 | 12.73 | 1.274 | -- | -- | 13.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 16.9 | 25.9 | 22.84 | 2.447 | -- | -- | 24.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 5.71 | 18.5 | 10.29 | 3.616 | -- | -- | 12.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte02ft | pyrene | mg/kg | 9 | 12 | 75 | 0.0011 | 0.11 | 0.0279 | 0.0354 | 0.0008 | 0.0041 | 0.0627 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte02ft | tetrachloroethene | µg/kg | 6 | 12 | 50 | 0.58 | 26 | 5.338 | 10.13 | 0.14 | 0.19 | 7.558 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 marbella ave | lte02ft | toluene | µg/kg | 9 | 12 | 75 | 0.13 | 0.31 | 0.218 | 0.0636 | 0.12 | 0.14 | 0.232 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte02ft | tph as diesel | mg/kg | 9 | 12 | 75 | 6.6 | 140 | 69.61 | 57.8 | 4.8 | 4.8 | 83.83 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte02ft | tph as motor oil | mg/kg | 10 | 12 | 83 | 13 | 370 | 157.4 | 140.1 | 7 | 7 | 205.9 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 35.1 | 47.3 | 42.87 | 4.435 | -- | -- | 45.17 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 marbella ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 38.2 | 82.8 | 56.32 | 11.45 | -- | -- | 62.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 4.13 | 13.6 | 7.527 | 2.271 | -- | -- | 8.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte05ft | bap teq | mg/kg | 18 | 19 | 95 | 0.000565 | 0.0946 | 0.0121 | 0.0235 | 0.00053 | 0.00053 | 0.0346 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 marbella ave | lte05ft | benzene | µg/kg | 13 | 19 | 68 | 0.11 | 0.33 | 0.192 | 0.0577 | 0.11 | 0.12 | 0.195 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 17 | 19 | 89 | 0.0007 | 0.068 | 0.01 | 0.0178 | 0.0007 | 0.0033 | 0.0262 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 11 | 19 | 58 | 0.0006 | 0.069 | 0.014 | 0.0206 | 0.0005 | 0.0025 | 0.0156 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 9 | 19 | 47 | 0.0006 | 0.069 | 0.0144 | 0.0221 | 0.0004 | 0.0018 | 0.0139 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte05ft | chrysene | mg/kg | 8 | 19 | 42 | 0.0023 | 0.11 | 0.037 | 0.0423 | 0.0012 | 0.0059 | 0.03 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 9.3 | 15.5 | 13.16 | 1.695 | -- | -- | 13.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 16.9 | 31.1 | 22.9 | 3.556 | -- | -- | 24.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 4.83 | 18.5 | 9.523 | 3.19 | -- | -- | 10.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte05ft | pyrene | mg/kg | 11 | 19 | 58 | 0.0009 | 0.11 | 0.0231 | 0.0334 | 0.0008 | 0.0041 | 0.026 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte05ft | tetrachloroethene | µg/kg | 9 | 19 | 47 | 0.19 | 26 | 3.927 | 8.32 | 0.14 | 0.19 | 4.95 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 marbella ave | lte05ft | toluene | µg/kg | 11 | 19 | 58 | 0.13 | 0.31 | 0.215 | 0.0622 | 0.12 | 0.14 | 0.211 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte05ft | tph as diesel | mg/kg | 10 | 19 | 53 | 6.6 | 180 | 80.65 | 64.72 | 4.8 | 4.8 | 70.97 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte05ft | tph as motor oil | mg/kg | 12 | 19 | 63 | 13 | 370 | 163.3 | 146.1 | 7 | 7 | 173.8 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24427 marbella ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 29.3 | 51.7 | 42.85 | 6.05 | -- | -- | 45.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 35.5 | 82.8 | 52.29 | 11.42 | -- | -- | 56.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 5 | 25 | 20 | 0.0048 | 0.023 | 0.00872 | 0.00799 | 0.0006 | 0.003 | 0.00717 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 marbella ave | lte10ft | arsenic | mg/kg | 25 | 25 | 100 | 2.78 | 13.6 | 6.867 | 2.4 | -- | -- | 7.688 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte10ft | bap teq | mg/kg | 21 | 25 | 84 | 0.000565 | 0.0946 | 0.0105 | 0.0221 | 0.00053 | 0.00053 | 0.0269 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 marbella ave | lte10ft | benzene | µg/kg | 13 | 25 | 52 | 0.11 | 0.33 | 0.192 | 0.0577 | 0.11 | 0.12 | 0.184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 20 | 25 | 80 | 0.0007 | 0.068 | 0.00871 | 0.0167 | 0.0007 | 0.0033 | 0.0204 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 12 | 25 | 48 | 0.0006 | 0.069 | 0.0129 | 0.02 | 0.0005 | 0.0025 | 0.0118 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 25 | 40 | 0.0006 | 0.069 | 0.013 | 0.0213 | 0.0004 | 0.0018 | 0.0107 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte10ft | chrysene | mg/kg | 9 | 25 | 36 | 0.0022 | 0.11 | 0.0331 | 0.0412 | 0.0012 | 0.0059 | 0.0234 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte10ft | cobalt | mg/kg | 25 | 25 | 100 | 7.02 | 15.5 | 12.36 | 2.314 | -- | -- | 13.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte10ft | copper | mg/kg | 25 | 25 | 100 | 13.8 | 31.1 | 21.79 | 4.258 | -- | -- | 23.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte10ft | lead | mg/kg | 25 | 25 | 100 | 3.95 | 18.5 | 8.595 | 3.375 | -- | -- | 9.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte10ft | naphthalene | mg/kg | 5 | 25 | 20 | 0.0008 | 0.0094 | 0.003 | 0.0036 | 0.00025 | 0.00036 | 0.00233 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 marbella ave | lte10ft | pyrene | mg/kg | 14 | 25 | 56 | 0.0009 | 0.11 | 0.0194 | 0.0302 | 0.0008 | 0.0041 | 0.0203 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 marbella ave | lte10ft | tetrachloroethene | µg/kg | 9 | 25 | 36 | 0.19 | 26 | 3.927 | 8.32 | 0.14 | 0.19 | 3.73 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 marbella ave | lte10ft | toluene | µg/kg | 12 | 25 | 48 | 0.13 | 0.31 | 0.211 | 0.0614 | 0.12 | 0.14 | 0.196 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24427 marbella ave | lte10ft | tph as diesel | mg/kg | 10 | 25 | 40 | 6.6 | 180 | 80.65 | 64.72 | 4.8 | 4.8 | 60.64 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte10ft | tph as motor oil | mg/kg | 14 | 25 | 56 | 9 | 370 | 141.6 | 145.2 | 7 | 7 | 195.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 marbella ave | lte10ft | vanadium | mg/kg | 25 | 25 | 100 | 22 | 53.2 | 40.49 | 8.377 | -- | -- | 43.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 marbella ave | lte10ft | zinc | mg/kg | 25 | 25 | 100 | 31.5 | 82.8 | 50.16 | 11.4 | -- | -- | 54.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 12 | 67 | 0.11 | 3000 | 383.4 | 1058 | 0.091 | 0.1 | 1369 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 12 | 67 | 0.029 | 3.1 | 0.905 | 1.177 | 0.0054 | 0.021 | 1.153 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.0066 | 4.6 | 0.855 | 1.505 | -- | -- | 3.112 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 6.2 | 9.91 | 7.441 | 1.203 | -- | -- | 8.086 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00862 | 0.821 | 0.167 | 0.234 | -- | -- | 0.361 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | benzene | µg/kg | 8 | 12 | 67 | 0.14 | 120 | 15.41 | 42.27 | 0.11 | 0.12 | 54.81 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0073 | 0.87 | 0.183 | 0.254 | -- | -- | 0.403 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.0062 | 0.63 | 0.126 | 0.179 | -- | -- | 0.272 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 12 | 100 | 0.0039 | 0.35 | 0.0652 | 0.0976 | -- | -- | 0.139 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | chrysene | mg/kg | 12 | 12 | 100 | 0.023 | 2.7 | 0.529 | 0.779 | -- | -- | 1.168 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 6.57 | 11.3 | 9.47 | 1.467 | -- | -- | 10.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 11.3 | 19.9 | 17 | 2.476 | -- | -- | 18.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 12 | 50 | 0.004 | 0.05 | 0.0245 | 0.0169 | 0.0034 | 0.13 | 0.0273 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 12 | 83 | 0.43 | 2600 | 278.9 | 816 | 0.14 | 0.14 | 1180 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 12 | 58 | 0.0048 | 0.058 | 0.027 | 0.0217 | 0.0043 | 0.17 | 0.0324 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 5.41 | 81.8 | 16.33 | 21.04 | -- | -- | 42.8 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | gt05lte10ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.00056 | 4.7 | 0.591 | 1.381 | -- | -- | 2.949 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | pyrene | mg/kg | 12 | 12 | 100 | 0.027 | 4.3 | 0.796 | 1.248 | -- | -- | 1.935 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | toluene | µg/kg | 8 | 12 | 67 | 0.13 | 25 | 3.325 | 8.759 | 0.12 | 0.13 | 11.48 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | gt05lte10ft | tph as diesel | mg/kg | 12 | 12 | 100 | 94 | 9000 | 1568 | 2591 | -- | -- | 3564 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 12 | 12 | 100 | 0.2 | 540 | 83.83 | 193 | -- | -- | 326.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 170 | 14000 | 2408 | 4011 | -- | -- | 5383 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 28.2 | 43.1 | 35.31 | 3.875 | -- | -- | 37.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 12 | 83 | 0.22 | 480 | 50.37 | 151 | 0.16 | 0.18 | 217.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 30.8 | 67.2 | 44.38 | 8.942 | -- | -- | 49.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 17 | 47 | 0.13 | 0.34 | 0.204 | 0.0838 | 0.092 | 0.5 | 0.198 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 17 | 47 | 0.003 | 0.013 | 0.00701 | 0.00353 | 0.0006 | 0.012 | 0.00675 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte02ft | arsenic | mg/kg | 17 | 17 | 100 | 4.26 | 11 | 6.359 | 1.565 | -- | -- | 7.036 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte02ft | bap teq | mg/kg | 17 | 17 | 100 | 0.00078 | 0.118 | 0.0205 | 0.0298 | -- | -- | 0.0356 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte02ft | benzene | µg/kg | 8 | 17 | 47 | 0.11 | 0.3 | 0.173 | 0.0627 | 0.11 | 0.12 | 0.168 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 17 | 76 | 0.0014 | 0.057 | 0.0149 | 0.0173 | 0.0007 | 0.0033 | 0.0289 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24427 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 17 | 88 | 0.0005 | 0.097 | 0.0176 | 0.0249 | 0.0025 | 0.0025 | 0.0411 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24427 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 17 | 76 | 0.001 | 0.04 | 0.0102 | 0.0124 | 0.0004 | 0.0018 | 0.0203 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte02ft | chrysene | mg/kg | 16 | 17 | 94 | 0.0022 | 0.12 | 0.029 | 0.0323 | 0.0012 | 0.0012 | 0.0613 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte02ft | cobalt | mg/kg | 17 | 17 | 100 | 6.23 | 12.4 | 8.994 | 1.509 | -- | -- | 9.633 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte02ft | copper | mg/kg | 17 | 17 | 100 | 8.51 | 60.1 | 16.13 | 12.18 | -- | -- | 21.68 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 17 | 35 | 0.002 | 0.02 | 0.00793 | 0.00708 | 0.0007 | 0.0054 | 0.00692 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 17 | 53 | 0.001 | 0.041 | 0.013 | 0.0137 | 0.0009 | 0.0069 | 0.0134 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte02ft | lead | mg/kg | 17 | 17 | 100 | 5.13 | 38.7 | 10.49 | 8.083 | -- | -- | 13.59 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24427 panama ave | lte02ft | naphthalene | mg/kg | 8 | 17 | 47 | 0.00039 | 0.007 | 0.00219 | 0.00249 | 0.00026 | 0.0007 | 0.00207 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte02ft | pyrene | mg/kg | 16 | 17 | 94 | 0.0018 | 0.24 | 0.0289 | 0.0594 | 0.0008 | 0.0008 | 0.0886 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte02ft | toluene | µg/kg | 5 | 17 | 29 | 0.14 | 0.32 | 0.206 | 0.0688 | 0.12 | 0.44 | 0.21 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte02ft | tph as diesel | mg/kg | 15 | 17 | 88 | 5.5 | 750 | 172.2 | 178.6 | 4.8 | 4.8 | 237.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte02ft | tph as motor oil | mg/kg | 15 | 17 | 88 | 19 | 1600 | 481.9 | 386.9 | 7 | 7 | 619.4 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte02ft | vanadium | mg/kg | 17 | 17 | 100 | 23 | 47.4 | 33.39 | 5.763 | -- | -- | 35.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte02ft | zinc | mg/kg | 17 | 17 | 100 | 27.1 | 248 | 50.35 | 51.44 | -- | -- | 74.14 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 26 | 35 | 0.13 | 0.34 | 0.199 | 0.0798 | 0.092 | 0.5 | 0.18 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 26 | 46 | 0.003 | 0.056 | 0.0121 | 0.0152 | 0.0006 | 0.012 | 0.0111 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24427 panama ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 4.26 | 11 | 6.461 | 1.476 | -- | -- | 6.956 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte05ft | bap teq | mg/kg | 26 | 26 | 100 | 0.00078 | 0.184 | 0.0238 | 0.0408 | -- | -- | 0.0486 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte05ft | benzene | µg/kg | 11 | 26 | 42 | 0.11 | 0.3 | 0.165 | 0.0552 | 0.11 | 0.12 | 0.148 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 22 | 26 | 85 | 0.001 | 0.26 | 0.024 | 0.0544 | 0.0007 | 0.0033 | 0.0639 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 26 | 92 | 0.0005 | 0.13 | 0.019 | 0.031 | 0.0025 | 0.0025 | 0.0435 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 26 | 77 | 0.001 | 0.068 | 0.0115 | 0.0167 | 0.0004 | 0.007 | 0.0223 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte05ft | chrysene | mg/kg | 25 | 26 | 96 | 0.0022 | 0.67 | 0.0535 | 0.131 | 0.0012 | 0.0012 | 0.162 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24427 panama ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 6.23 | 13.8 | 9.34 | 1.701 | -- | -- | 9.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 8.51 | 60.1 | 15.71 | 10.01 | -- | -- | 19.3 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 26 | 31 | 0.002 | 0.029 | 0.0102 | 0.00976 | 0.0007 | 0.013 | 0.00679 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 26 | 42 | 0.001 | 0.041 | 0.0141 | 0.014 | 0.0009 | 0.017 | 0.0106 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 5.13 | 38.7 | 9.596 | 6.684 | -- | -- | 11.99 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte05ft | naphthalene | mg/kg | 12 | 26 | 46 | 0.00027 | 0.051 | 0.00759 | 0.015 | 0.00026 | 0.0007 | 0.013 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte05ft | pyrene | mg/kg | 25 | 26 | 96 | 0.0018 | 0.92 | 0.0619 | 0.185 | 0.0008 | 0.0008 | 0.215 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte05ft | toluene | µg/kg | 5 | 26 | 19 | 0.14 | 0.32 | 0.206 | 0.0688 | 0.12 | 0.44 | 0.206 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte05ft | tph as diesel | mg/kg | 23 | 26 | 88 | 5.5 | 1400 | 199.1 | 301.8 | 4.8 | 4.8 | 425.4 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24427 panama ave | lte05ft | tph as gasoline | mg/kg | 6 | 26 | 23 | 0.062 | 0.27 | 0.127 | 0.0771 | 0.047 | 0.06 | 0.11 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte05ft | tph as motor oil | mg/kg | 23 | 26 | 88 | 19 | 2800 | 485.7 | 610.7 | 7 | 7 | 653.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 23 | 47.4 | 34.13 | 5.587 | -- | -- | 36.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 27.1 | 248 | 46.13 | 41.74 | -- | -- | 61.42 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 38 | 45 | 0.11 | 3000 | 180.5 | 726.7 | 0.091 | 0.5 | 430.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 38 | 26 | 0.0015 | 3.1 | 0.725 | 1.105 | 0.0011 | 0.021 | 0.372 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 38 | 63 | 0.003 | 4.6 | 0.434 | 1.126 | 0.0006 | 0.012 | 0.926 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | arsenic | mg/kg | 38 | 38 | 100 | 4.26 | 11 | 6.771 | 1.455 | -- | -- | 7.169 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte10ft | bap teq | mg/kg | 38 | 38 | 100 | 0.00078 | 0.821 | 0.0691 | 0.148 | -- | -- | 0.174 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte10ft | benzene | µg/kg | 19 | 38 | 50 | 0.11 | 120 | 6.582 | 27.47 | 0.11 | 0.12 | 17.28 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 34 | 38 | 89 | 0.001 | 0.87 | 0.0802 | 0.171 | 0.0007 | 0.0033 | 0.188 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 36 | 38 | 95 | 0.0005 | 0.63 | 0.0545 | 0.115 | 0.0025 | 0.0025 | 0.132 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 32 | 38 | 84 | 0.001 | 0.35 | 0.0316 | 0.0652 | 0.0004 | 0.007 | 0.0699 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 38 | 16 | 0.002 | 0.067 | 0.0251 | 0.0245 | 0.0011 | 0.23 | 0.0149 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte10ft | chrysene | mg/kg | 37 | 38 | 97 | 0.0022 | 2.7 | 0.208 | 0.498 | 0.0012 | 0.0012 | 0.551 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte10ft | cobalt | mg/kg | 38 | 38 | 100 | 6.23 | 13.8 | 9.381 | 1.612 | -- | -- | 9.822 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte10ft | copper | mg/kg | 38 | 38 | 100 | 8.51 | 60.1 | 16.12 | 8.359 | -- | -- | 17.99 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24427 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 38 | 37 | 0.002 | 0.05 | 0.0163 | 0.0147 | 0.0007 | 0.13 | 0.0108 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte10ft | ethylbenzene | µg/kg | 10 | 38 | 26 | 0.43 | 2600 | 278.9 | 816 | 0.12 | 0.15 | 383.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 38 | 47 | 0.001 | 0.058 | 0.0191 | 0.018 | 0.0009 | 0.17 | 0.0146 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24427 panama ave | lte10ft | lead | mg/kg | 38 | 38 | 100 | 5.13 | 81.8 | 11.72 | 13.11 | -- | -- | 20.99 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | naphthalene | mg/kg | 24 | 38 | 63 | 0.00027 | 4.7 | 0.3 | 1.001 | 0.00026 | 0.0007 | 0.761 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | pyrene | mg/kg | 37 | 38 | 97 | 0.0018 | 4.3 | 0.3 | 0.788 | 0.0008 | 0.0008 | 0.843 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | toluene | µg/kg | 13 | 38 | 34 | 0.13 | 25 | 2.125 | 6.873 | 0.12 | 0.44 | 2.764 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | tph as diesel | mg/kg | 35 | 38 | 92 | 5.5 | 9000 | 668.4 | 1633 | 4.8 | 4.8 | 1731 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte10ft | tph as gasoline | mg/kg | 18 | 38 | 47 | 0.062 | 540 | 55.93 | 160.5 | 0.047 | 0.06 | 107.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | tph as motor oil | mg/kg | 35 | 38 | 92 | 19 | 14000 | 1145 | 2511 | 7 | 7 | 2773 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24427 panama ave | lte10ft | vanadium | mg/kg | 38 | 38 | 100 | 23 | 47.4 | 34.51 | 5.086 | -- | -- | 35.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24427 panama ave | lte10ft | xylenes, total | µg/kg | 13 | 38 | 34 | 0.18 | 480 | 38.81 | 132.6 | 0.16 | 0.48 | 69.87 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24427 panama ave | lte10ft | zinc | mg/kg | 38 | 38 | 100 | 27.1 | 248 | 45.58 | 34.67 | -- | -- | 55.93 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 8 | 75 | 0.13 | 1.1 | 0.492 | 0.406 | 0.092 | 0.096 | 0.663 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte02ft | arsenic | mg/kg | 8 | 8 | 100 | 2.06 | 5.41 | 3.85 | 1.374 | -- | -- | 4.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte02ft | bap teq | mg/kg | 7 | 8 | 88 | 0.00954 | 0.0338 | 0.0155 | 0.00862 | 0.0103 | 0.0103 | 0.0198 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte02ft | benzene | µg/kg | 5 | 8 | 63 | 0.15 | 0.38 | 0.236 | 0.0859 | 0.1 | 0.11 | 0.26 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 6 | 8 | 75 | 0.009 | 0.042 | 0.016 | 0.0129 | 0.013 | 0.013 | 0.0225 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 5 | 8 | 63 | 0.0064 | 0.023 | 0.0126 | 0.00659 | 0.0099 | 0.0099 | 0.015 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte02ft | chrysene | mg/kg | 7 | 8 | 88 | 0.019 | 0.093 | 0.0384 | 0.0252 | 0.024 | 0.024 | 0.0529 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte02ft | cobalt | mg/kg | 8 | 8 | 100 | 8.46 | 10.7 | 9.44 | 0.827 | -- | -- | 9.994 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte02ft | copper | mg/kg | 8 | 8 | 100 | 9.42 | 16 | 13.58 | 2.324 | -- | -- | 15.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte02ft | lead | mg/kg | 8 | 8 | 100 | 6.13 | 13.6 | 9.903 | 2.881 | -- | -- | 11.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte02ft | pyrene | mg/kg | 8 | 8 | 100 | 0.011 | 0.069 | 0.0258 | 0.021 | -- | -- | 0.0439 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24429 neptune ave | lte02ft | toluene | µg/kg | 5 | 8 | 63 | 0.17 | 0.49 | 0.272 | 0.129 | 0.11 | 0.12 | 0.318 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte02ft | tph as diesel | mg/kg | 8 | 8 | 100 | 66 | 480 | 138.8 | 140.6 | -- | -- | 355.5 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte02ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 190 | 1100 | 402.5 | 309.1 | -- | -- | 697.7 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24429 neptune ave | lte02ft | vanadium | mg/kg | 8 | 8 | 100 | 30.6 | 38.5 | 34.59 | 2.673 | -- | -- | 36.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte02ft | zinc | mg/kg | 8 | 8 | 100 | 29.1 | 46.7 | 39.56 | 6.04 | -- | -- | 43.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 12 | 67 | 0.13 | 1.1 | 0.435 | 0.362 | 0.086 | 0.1 | 0.509 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte05ft | arsenic | mg/kg | 12 | 12 | 100 | 2.06 | 5.41 | 3.793 | 1.276 | -- | -- | 4.454 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte05ft | bap teq | mg/kg | 11 | 12 | 92 | 0.0012 | 0.102 | 0.021 | 0.0282 | 0.0103 | 0.0103 | 0.0542 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24429 neptune ave | lte05ft | benzene | µg/kg | 8 | 12 | 67 | 0.15 | 0.38 | 0.243 | 0.0883 | 0.1 | 0.11 | 0.258 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24429 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 9 | 12 | 75 | 0.0018 | 0.088 | 0.0214 | 0.0275 | 0.0033 | 0.013 | 0.0489 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24429 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 8 | 12 | 67 | 0.0048 | 0.081 | 0.0198 | 0.0254 | 0.001 | 0.0099 | 0.027 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24429 neptune ave | lte05ft | chrysene | mg/kg | 11 | 12 | 92 | 0.0061 | 0.24 | 0.0496 | 0.0673 | 0.024 | 0.024 | 0.129 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24429 neptune ave | lte05ft | cobalt | mg/kg | 12 | 12 | 100 | 8.03 | 10.7 | 9.391 | 0.848 | -- | -- | 9.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte05ft | copper | mg/kg | 12 | 12 | 100 | 9.42 | 16 | 12.79 | 2.225 | -- | -- | 13.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte05ft | lead | mg/kg | 12 | 12 | 100 | 6.13 | 16.7 | 9.754 | 3.435 | -- | -- | 11.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte05ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0042 | 0.56 | 0.0662 | 0.157 | -- | -- | 0.263 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte05ft | toluene | µg/kg | 8 | 12 | 67 | 0.16 | 0.49 | 0.243 | 0.107 | 0.11 | 0.12 | 0.265 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte05ft | tph as diesel | mg/kg | 12 | 12 | 100 | 44 | 5900 | 622.8 | 1666 | -- | -- | 2720 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte05ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 100 | 6400 | 874.2 | 1760 | -- | -- | 3088 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte05ft | vanadium | mg/kg | 12 | 12 | 100 | 30.3 | 38.5 | 34.18 | 2.737 | -- | -- | 35.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte05ft | xylenes, total | µg/kg | 5 | 12 | 42 | 0.17 | 0.64 | 0.38 | 0.218 | 0.15 | 0.19 | 0.373 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte05ft | zinc | mg/kg | 12 | 12 | 100 | 29.1 | 46.7 | 38.04 | 5.345 | -- | -- | 40.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 19 | 79 | 0.098 | 12000 | 804.3 | 3097 | 0.086 | 0.1 | 3408 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 6 | 19 | 32 | 0.34 | 15 | 4.883 | 5.614 | 0.0021 | 0.021 | 3.916 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 11 | 19 | 58 | 0.0043 | 22 | 3.841 | 6.953 | 0.0012 | 0.012 | 4.647 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte10ft | arsenic | mg/kg | 19 | 19 | 100 | 2.06 | 10.7 | 4.909 | 2.308 | -- | -- | 5.828 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte10ft | bap teq | mg/kg | 18 | 19 | 95 | 0.0012 | 0.211 | 0.0442 | 0.0534 | 0.0103 | 0.0103 | 0.0949 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte10ft | benzene | µg/kg | 14 | 19 | 74 | 0.13 | 1500 | 110.8 | 399.9 | 0.1 | 11 | 428.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 15 | 19 | 79 | 0.0018 | 0.26 | 0.0573 | 0.0814 | 0.0033 | 0.065 | 0.122 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 13 | 19 | 68 | 0.0048 | 0.16 | 0.0378 | 0.0454 | 0.001 | 0.049 | 0.0466 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 19 | 32 | 0.0053 | 0.058 | 0.0257 | 0.0236 | 0.0007 | 0.035 | 0.0217 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte10ft | chrysene | mg/kg | 18 | 19 | 95 | 0.0061 | 0.76 | 0.154 | 0.208 | 0.024 | 0.024 | 0.351 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte10ft | cobalt | mg/kg | 19 | 19 | 100 | 7.38 | 11.3 | 9.208 | 1.079 | -- | -- | 9.638 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte10ft | copper | mg/kg | 19 | 19 | 100 | 9.42 | 20.1 | 13.64 | 2.837 | -- | -- | 14.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte10ft | ethylbenzene | µg/kg | 8 | 19 | 42 | 0.17 | 4600 | 802.4 | 1601 | 0.11 | 0.15 | 784.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte10ft | lead | mg/kg | 19 | 19 | 100 | 5.33 | 21.1 | 9.175 | 4.324 | -- | -- | 10.95 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte10ft | naphthalene | mg/kg | 10 | 19 | 53 | 0.00055 | 7.5 | 1.457 | 2.45 | 0.00024 | 0.00031 | 1.599 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 neptune ave | lte10ft | pyrene | mg/kg | 19 | 19 | 100 | 0.0042 | 1.3 | 0.25 | 0.383 | -- | -- | 0.633 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte10ft | toluene | µg/kg | 12 | 19 | 63 | 0.12 | 0.51 | 0.25 | 0.124 | 0.11 | 13 | 0.276 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24429 neptune ave | lte10ft | tph as diesel | mg/kg | 19 | 19 | 100 | 44 | 13000 | 2771 | 4570 | -- | -- | 7341 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte10ft | tph as gasoline | mg/kg | 10 | 19 | 53 | 0.055 | 1700 | 237.6 | 553.9 | 0.046 | 0.06 | 545.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24429 neptune ave | lte10ft | tph as motor oil | mg/kg | 19 | 19 | 100 | 100 | 14000 | 3260 | 4922 | -- | -- | 8182 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte10ft | vanadium | mg/kg | 19 | 19 | 100 | 29.7 | 40.3 | 34.83 | 2.948 | -- | -- | 36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 neptune ave | lte10ft | xylenes, total | µg/kg | 10 | 19 | 53 | 0.17 | 7100 | 719.7 | 2242 | 0.15 | 0.19 | 2049 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 neptune ave | lte10ft | zinc | mg/kg | 19 | 19 | 100 | 29.1 | 71.2 | 39.54 | 9.008 | -- | -- | 43.33 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 10 | 16 | 63 | 0.0084 | 0.22 | 0.0461 | 0.0644 | 0.0054 | 0.021 | 0.0583 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 16 | 81 | 0.0074 | 0.09 | 0.0361 | 0.0248 | 0.012 | 0.012 | 0.0418 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | antimony | mg/kg | 5 | 16 | 31 | 0.252 | 0.477 | 0.36 | 0.0812 | 0.219 | 0.306 | 0.376 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.92 | 6.57 | 4.15 | 0.933 | -- | -- | 4.559 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00415 | 0.188 | 0.0436 | 0.0489 | -- | -- | 0.0696 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte02ft | benzene | µg/kg | 11 | 16 | 69 | 0.14 | 0.42 | 0.255 | 0.114 | 0.11 | 0.13 | 0.268 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24429 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.011 | 0.18 | 0.0469 | 0.0442 | -- | -- | 0.0693 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 16 | 75 | 0.0087 | 0.16 | 0.0433 | 0.0446 | 0.0025 | 0.0099 | 0.0525 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 16 | 44 | 0.0049 | 0.052 | 0.0162 | 0.0163 | 0.0004 | 0.007 | 0.0156 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte02ft | cadmium | mg/kg | 11 | 16 | 69 | 0.108 | 0.44 | 0.254 | 0.113 | 0.0883 | 0.0883 | 0.26 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.019 | 0.58 | 0.139 | 0.152 | -- | -- | 0.221 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.51 | 9.59 | 7.999 | 0.82 | -- | -- | 8.358 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 8.48 | 19 | 12.95 | 3.497 | -- | -- | 14.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 16 | 31 | 0.0018 | 0.03 | 0.0137 | 0.0117 | 0.0043 | 0.017 | 0.0162 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.66 | 23.5 | 10.37 | 5.74 | -- | -- | 12.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | naphthalene | mg/kg | 9 | 16 | 56 | 0.00065 | 0.069 | 0.0264 | 0.0204 | 0.00026 | 0.00032 | 0.0265 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.013 | 0.81 | 0.128 | 0.206 | -- | -- | 0.353 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | toluene | µg/kg | 8 | 16 | 50 | 0.14 | 0.79 | 0.325 | 0.203 | 0.12 | 0.15 | 0.309 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte02ft | tph as diesel | mg/kg | 14 | 16 | 88 | 44 | 2400 | 495.8 | 732.4 | 4.8 | 4.8 | 1205 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | tph as gasoline | mg/kg | 7 | 16 | 44 | 0.055 | 0.21 | 0.118 | 0.0567 | 0.048 | 0.054 | 0.113 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | tph as motor oil | mg/kg | 15 | 16 | 94 | 24 | 2900 | 812.9 | 823.7 | 7 | 7 | 1659 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 23.1 | 34.2 | 29.84 | 3.201 | -- | -- | 31.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 27.6 | 84.3 | 45.42 | 14.59 | -- | -- | 51.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24429 ravenna ave | lte05ft | 1,1,2,2-tetrachloroethane | µg/kg | 5 | 25 | 20 | 0.1 | 0.48 | 0.246 | 0.16 | 0.1 | 19 | 0.218 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 17 | 25 | 68 | 0.0084 | 0.82 | 0.1 | 0.198 | 0.0011 | 0.021 | 0.219 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 25 | 88 | 0.0008 | 0.38 | 0.0644 | 0.0982 | 0.012 | 0.012 | 0.139 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24429 ravenna ave | lte05ft | antimony | mg/kg | 6 | 25 | 24 | 0.252 | 0.477 | 0.368 | 0.0753 | 0.219 | 0.306 | 0.378 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 2.92 | 6.57 | 4.253 | 0.979 | -- | -- | 4.588 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.00128 | 0.188 | 0.0384 | 0.0424 | -- | -- | 0.0561 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | benzene | µg/kg | 13 | 25 | 52 | 0.13 | 0.89 | 0.295 | 0.21 | 0.1 | 11 | 0.281 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 25 | 100 | 0.0025 | 0.18 | 0.0416 | 0.0393 | -- | -- | 0.0582 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 25 | 80 | 0.0022 | 0.16 | 0.0363 | 0.0375 | 0.0005 | 0.0099 | 0.043 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 7 | 25 | 28 | 0.0049 | 0.052 | 0.0162 | 0.0163 | 0.0004 | 0.007 | 0.0117 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | cadmium | mg/kg | 15 | 25 | 60 | 0.108 | 0.44 | 0.238 | 0.108 | 0.0883 | 0.0883 | 0.223 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.0078 | 0.58 | 0.127 | 0.135 | -- | -- | 0.186 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 5.14 | 11.5 | 8.013 | 1.301 | -- | -- | 8.458 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 6.47 | 19 | 12.48 | 3.489 | -- | -- | 13.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 25 | 28 | 0.0018 | 0.03 | 0.0126 | 0.0102 | 0.0009 | 0.017 | 0.00966 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 1.47 | 23.5 | 8.699 | 5.653 | -- | -- | 10.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | naphthalene | mg/kg | 17 | 25 | 68 | 0.00039 | 0.2 | 0.0374 | 0.0483 | 0.00025 | 0.00032 | 0.042 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | pyrene | mg/kg | 25 | 25 | 100 | 0.013 | 0.81 | 0.151 | 0.19 | -- | -- | 0.229 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24429 ravenna ave | lte05ft | toluene | µg/kg | 8 | 25 | 32 | 0.14 | 0.79 | 0.325 | 0.203 | 0.11 | 13 | 0.254 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | tph as diesel | mg/kg | 23 | 25 | 92 | 5.9 | 2400 | 436.8 | 597 | 4.8 | 4.8 | 912.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | tph as gasoline | mg/kg | 13 | 25 | 52 | 0.055 | 1.3 | 0.333 | 0.43 | 0.045 | 0.054 | 0.498 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 ravenna ave | lte05ft | tph as motor oil | mg/kg | 23 | 25 | 92 | 23 | 2900 | 703.2 | 716.3 | 7 | 7 | 1270 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 20.1 | 37.1 | 30.15 | 4.125 | -- | -- | 31.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 26.7 | 84.3 | 43.08 | 13.98 | -- | -- | 47.87 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24429 ravenna ave | lte10ft | 1,1,2,2-tetrachloroethane | µg/kg | 5 | 29 | 17 | 0.1 | 0.48 | 0.246 | 0.16 | 0.1 | 19 | 0.221 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 20 | 29 | 69 | 0.0045 | 0.82 | 0.127 | 0.246 | 0.0011 | 0.021 | 0.261 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 26 | 29 | 90 | 0.0008 | 1.2 | 0.102 | 0.242 | 0.012 | 0.012 | 0.279 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24429 ravenna ave | lte10ft | antimony | mg/kg | 6 | 29 | 21 | 0.252 | 0.477 | 0.368 | 0.0753 | 0.219 | 0.306 | 0.374 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte10ft | arsenic | mg/kg | 29 | 29 | 100 | 2.87 | 7.39 | 4.284 | 1.12 | -- | -- | 4.64 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | bap teq | mg/kg | 29 | 29 | 100 | 0.00128 | 0.188 | 0.0376 | 0.0404 | -- | -- | 0.0527 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | benzene | µg/kg | 13 | 29 | 45 | 0.13 | 0.89 | 0.295 | 0.21 | 0.1 | 11 | 0.265 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 29 | 29 | 100 | 0.0025 | 0.18 | 0.0429 | 0.0416 | -- | -- | 0.0587 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 24 | 29 | 83 | 0.0022 | 0.16 | 0.0344 | 0.0352 | 0.0005 | 0.0099 | 0.0405 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 29 | 31 | 0.0038 | 0.052 | 0.0159 | 0.0152 | 0.0004 | 0.007 | 0.0109 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | cadmium | mg/kg | 18 | 29 | 62 | 0.108 | 0.44 | 0.232 | 0.104 | 0.0883 | 0.0883 | 0.218 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte10ft | chrysene | mg/kg | 29 | 29 | 100 | 0.0078 | 0.58 | 0.126 | 0.13 | -- | -- | 0.177 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | cobalt | mg/kg | 29 | 29 | 100 | 5.14 | 11.5 | 8.237 | 1.386 | -- | -- | 8.675 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte10ft | copper | mg/kg | 29 | 29 | 100 | 6.47 | 24.9 | 13.01 | 4.182 | -- | -- | 14.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 29 | 31 | 0.0018 | 0.03 | 0.0112 | 0.00951 | 0.0009 | 0.017 | 0.00825 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte10ft | lead | mg/kg | 29 | 29 | 100 | 1.47 | 23.5 | 8.218 | 5.377 | -- | -- | 10.09 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | naphthalene | mg/kg | 21 | 29 | 72 | 0.00033 | 1.3 | 0.0927 | 0.28 | 0.00025 | 0.00032 | 0.263 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24429 ravenna ave | lte10ft | pyrene | mg/kg | 29 | 29 | 100 | 0.013 | 0.81 | 0.15 | 0.181 | -- | -- | 0.296 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24429 ravenna ave | lte10ft | toluene | µg/kg | 8 | 29 | 28 | 0.14 | 0.79 | 0.325 | 0.203 | 0.11 | 13 | 0.242 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | tph as diesel | mg/kg | 26 | 29 | 90 | 5.9 | 2400 | 402.2 | 569.4 | 4.8 | 4.8 | 808.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | tph as gasoline | mg/kg | 17 | 29 | 59 | 0.055 | 380 | 22.69 | 92.08 | 0.045 | 0.054 | 71.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 ravenna ave | lte10ft | tph as motor oil | mg/kg | 27 | 29 | 93 | 11 | 2900 | 627.6 | 687.8 | 7 | 7 | 1138 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24429 ravenna ave | lte10ft | vanadium | mg/kg | 29 | 29 | 100 | 20.1 | 45.3 | 30.96 | 4.901 | -- | -- | 32.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24429 ravenna ave | lte10ft | xylenes, total | µg/kg | 5 | 29 | 17 | 0.16 | 31 | 6.43 | 13.74 | 0.15 | 17 | 6.331 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24429 ravenna ave | lte10ft | zinc | mg/kg | 29 | 29 | 100 | 26.7 | 84.3 | 42.91 | 13.3 | -- | -- | 47.22 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24430 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 16 | 81 | 0.0006 | 0.055 | 0.00834 | 0.015 | 0.0006 | 0.006 | 0.022 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.49 | 6.92 | 4.507 | 1.262 | -- | -- | 5.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.000543 | 0.139 | 0.0181 | 0.0346 | -- | -- | 0.0369 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte02ft | benzene | µg/kg | 5 | 17 | 29 | 0.13 | 0.51 | 0.226 | 0.161 | 0.11 | 0.13 | 0.201 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 16 | 94 | 0.0013 | 0.15 | 0.0204 | 0.039 | 0.0007 | 0.0007 | 0.0607 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0008 | 0.099 | 0.0138 | 0.0253 | 0.0005 | 0.0005 | 0.0399 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 16 | 69 | 0.0008 | 0.083 | 0.0133 | 0.0241 | 0.0004 | 0.0035 | 0.0192 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 16 | 31 | 0.0023 | 0.0078 | 0.00484 | 0.00243 | 0.0011 | 0.023 | 0.00604 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte02ft | chromium, hexavalent | mg/kg | 5 | 16 | 31 | 0.19 | 0.52 | 0.422 | 0.139 | 0.22 | 0.22 | 0.488 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte02ft | chrysene | mg/kg | 15 | 16 | 94 | 0.0019 | 0.43 | 0.055 | 0.113 | 0.012 | 0.012 | 0.172 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24430 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.27 | 10.4 | 8.385 | 1.338 | -- | -- | 8.971 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.94 | 43.3 | 13.59 | 8.711 | -- | -- | 17.69 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 16 | 38 | 0.0009 | 0.024 | 0.00653 | 0.00884 | 0.0007 | 0.013 | 0.0058 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 16 | 38 | 0.001 | 0.026 | 0.00738 | 0.00936 | 0.0009 | 0.017 | 0.00646 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 5.05 | 66.8 | 13.87 | 15.83 | -- | -- | 31.13 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte02ft | naphthalene | mg/kg | 8 | 17 | 47 | 0.0015 | 0.029 | 0.00755 | 0.00993 | 0.00026 | 0.00031 | 0.00754 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte02ft | pyrene | mg/kg | 15 | 16 | 94 | 0.0009 | 0.19 | 0.0245 | 0.049 | 0.0082 | 0.0082 | 0.0752 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte02ft | toluene | µg/kg | 9 | 17 | 53 | 0.12 | 1.9 | 0.481 | 0.555 | 0.12 | 0.14 | 0.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte02ft | tph as diesel | mg/kg | 9 | 16 | 56 | 5 | 210 | 53.31 | 74.73 | 4.8 | 4.8 | 61.69 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte02ft | tph as gasoline | mg/kg | 5 | 17 | 29 | 0.057 | 0.14 | 0.0812 | 0.0346 | 0.048 | 0.067 | 0.0824 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte02ft | tph as motor oil | mg/kg | 10 | 16 | 63 | 8.5 | 570 | 133.9 | 200.4 | 7 | 7 | 163.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 20.8 | 45.2 | 29.7 | 6.798 | -- | -- | 32.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 24.7 | 178 | 46.39 | 37.64 | -- | -- | 87.41 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 23 | 61 | 0.0006 | 0.055 | 0.00785 | 0.0145 | 0.0006 | 0.006 | 0.0106 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte05ft | arsenic | mg/kg | 23 | 23 | 100 | 2.49 | 9.26 | 5.343 | 1.789 | -- | -- | 5.983 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte05ft | bap teq | mg/kg | 20 | 23 | 87 | 0.000543 | 0.139 | 0.0148 | 0.0315 | 0.00053 | 0.00053 | 0.04 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24430 panama ave | lte05ft | benzene | µg/kg | 5 | 24 | 21 | 0.13 | 0.51 | 0.226 | 0.161 | 0.1 | 0.13 | 0.18 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 23 | 83 | 0.0008 | 0.15 | 0.0164 | 0.0353 | 0.0007 | 0.0007 | 0.0434 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 23 | 83 | 0.0006 | 0.099 | 0.0111 | 0.0229 | 0.0005 | 0.0005 | 0.0286 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24430 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 23 | 61 | 0.0006 | 0.083 | 0.0106 | 0.0218 | 0.0004 | 0.0035 | 0.0138 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 23 | 22 | 0.0023 | 0.0078 | 0.00484 | 0.00243 | 0.0011 | 0.023 | 0.00577 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte05ft | chromium, hexavalent | mg/kg | 9 | 23 | 39 | 0.16 | 0.6 | 0.396 | 0.152 | 0.22 | 0.22 | 0.38 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte05ft | chrysene | mg/kg | 19 | 23 | 83 | 0.0019 | 0.43 | 0.0441 | 0.102 | 0.0012 | 0.012 | 0.122 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte05ft | cobalt | mg/kg | 23 | 23 | 100 | 6.27 | 12.1 | 8.739 | 1.559 | -- | -- | 9.297 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte05ft | copper | mg/kg | 23 | 23 | 100 | 7.94 | 43.3 | 13.97 | 7.628 | -- | -- | 16.86 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 23 | 26 | 0.0009 | 0.024 | 0.00653 | 0.00884 | 0.0007 | 0.013 | 0.00429 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 23 | 26 | 0.001 | 0.026 | 0.00738 | 0.00936 | 0.0009 | 0.017 | 0.00477 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte05ft | lead | mg/kg | 23 | 23 | 100 | 4.81 | 66.8 | 11.69 | 13.53 | -- | -- | 23.99 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte05ft | naphthalene | mg/kg | 8 | 24 | 33 | 0.0015 | 0.029 | 0.00755 | 0.00993 | 0.00025 | 0.00031 | 0.00579 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte05ft | pyrene | mg/kg | 20 | 23 | 87 | 0.0009 | 0.19 | 0.0189 | 0.0432 | 0.0008 | 0.0082 | 0.0536 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte05ft | toluene | µg/kg | 10 | 24 | 42 | 0.12 | 1.9 | 0.448 | 0.534 | 0.11 | 0.14 | 0.391 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte05ft | tph as diesel | mg/kg | 9 | 23 | 39 | 5 | 210 | 53.31 | 74.73 | 4.8 | 4.8 | 42.89 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte05ft | tph as gasoline | mg/kg | 5 | 24 | 21 | 0.057 | 0.14 | 0.0812 | 0.0346 | 0.047 | 0.067 | 0.0761 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte05ft | tph as motor oil | mg/kg | 10 | 23 | 43 | 8.5 | 570 | 133.9 | 200.4 | 7 | 7 | 115.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte05ft | vanadium | mg/kg | 23 | 23 | 100 | 20.8 | 49.5 | 32.61 | 8.342 | -- | -- | 35.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte05ft | zinc | mg/kg | 23 | 23 | 100 | 24.7 | 178 | 44.49 | 31.58 | -- | -- | 56.65 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 15 | 30 | 50 | 0.0006 | 0.055 | 0.00739 | 0.0141 | 0.0006 | 0.006 | 0.00729 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 2.49 | 9.26 | 5.081 | 1.669 | -- | -- | 5.599 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte10ft | bap teq | mg/kg | 23 | 30 | 77 | 0.000536 | 0.139 | 0.013 | 0.0296 | 0.00053 | 0.00053 | 0.0312 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte10ft | benzene | µg/kg | 8 | 31 | 26 | 0.13 | 3.7 | 0.943 | 1.352 | 0.1 | 0.13 | 0.579 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 21 | 30 | 70 | 0.0007 | 0.15 | 0.015 | 0.0338 | 0.0007 | 0.0007 | 0.0338 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 30 | 70 | 0.0005 | 0.099 | 0.0101 | 0.022 | 0.0005 | 0.0005 | 0.0223 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 14 | 30 | 47 | 0.0006 | 0.083 | 0.0106 | 0.0218 | 0.0004 | 0.0035 | 0.0101 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 30 | 17 | 0.0023 | 0.0078 | 0.00484 | 0.00243 | 0.0011 | 0.023 | 0.00561 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte10ft | chromium, hexavalent | mg/kg | 11 | 30 | 37 | 0.16 | 0.6 | 0.389 | 0.147 | 0.038 | 0.22 | 0.342 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte10ft | chrysene | mg/kg | 22 | 30 | 73 | 0.0012 | 0.43 | 0.0384 | 0.0956 | 0.0012 | 0.012 | 0.095 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 2.37 | 12.1 | 7.701 | 2.47 | -- | -- | 8.467 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 3.07 | 43.3 | 12.24 | 7.432 | -- | -- | 14.66 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24430 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 30 | 20 | 0.0009 | 0.024 | 0.00653 | 0.00884 | 0.0007 | 0.013 | 0.00349 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 30 | 20 | 0.001 | 0.026 | 0.00738 | 0.00936 | 0.0009 | 0.017 | 0.00388 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 1.08 | 66.8 | 9.567 | 12.44 | -- | -- | 13.42 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24430 panama ave | lte10ft | naphthalene | mg/kg | 9 | 31 | 29 | 0.001 | 0.029 | 0.00682 | 0.00954 | 0.00025 | 0.00031 | 0.00447 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24430 panama ave | lte10ft | pyrene | mg/kg | 23 | 30 | 77 | 0.0009 | 0.19 | 0.0166 | 0.0406 | 0.0008 | 0.0082 | 0.0417 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24430 panama ave | lte10ft | toluene | µg/kg | 14 | 31 | 45 | 0.12 | 1.9 | 0.444 | 0.456 | 0.11 | 0.14 | 0.373 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte10ft | tph as diesel | mg/kg | 9 | 30 | 30 | 5 | 210 | 53.31 | 74.73 | 4.8 | 4.8 | 34.13 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte10ft | tph as gasoline | mg/kg | 5 | 31 | 16 | 0.057 | 0.14 | 0.0812 | 0.0346 | 0.047 | 0.067 | 0.0759 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte10ft | tph as motor oil | mg/kg | 10 | 30 | 33 | 8.5 | 570 | 133.9 | 200.4 | 7 | 7 | 91.05 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24430 panama ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 10.1 | 49.5 | 28.98 | 10.18 | -- | -- | 32.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24430 panama ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 9.11 | 178 | 38.84 | 29.64 | -- | -- | 46.39 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24431 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 13 | 38 | 0.1 | 0.42 | 0.244 | 0.128 | 0.092 | 9.2 | 0.295 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 13 | 62 | 0.0033 | 2.4 | 0.322 | 0.84 | 0.0021 | 0.0054 | 1.021 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 12 | 13 | 92 | 0.0042 | 3 | 0.27 | 0.86 | 0.0012 | 0.0012 | 1.252 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 4.63 | 8.91 | 6.206 | 1.365 | -- | -- | 6.881 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | bap teq | mg/kg | 13 | 13 | 100 | 0.00466 | 0.149 | 0.0424 | 0.0529 | -- | -- | 0.106 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | benzene | µg/kg | 6 | 13 | 46 | 0.12 | 0.24 | 0.173 | 0.0509 | 0.11 | 11 | 0.179 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 13 | 13 | 100 | 0.0058 | 0.15 | 0.046 | 0.0563 | -- | -- | 0.114 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 13 | 13 | 100 | 0.0032 | 0.11 | 0.0312 | 0.0395 | -- | -- | 0.0789 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 11 | 13 | 85 | 0.0024 | 0.076 | 0.0182 | 0.0241 | 0.0018 | 0.007 | 0.0436 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | cadmium | mg/kg | 7 | 13 | 54 | 0.0901 | 0.148 | 0.113 | 0.0216 | 0.0883 | 0.0883 | 0.115 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | chrysene | mg/kg | 13 | 13 | 100 | 0.017 | 0.57 | 0.128 | 0.167 | -- | -- | 0.33 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 7.81 | 12.7 | 10.76 | 1.347 | -- | -- | 11.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 13.9 | 25.3 | 18.72 | 3.329 | -- | -- | 20.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 8 | 13 | 62 | 0.0009 | 0.017 | 0.00433 | 0.00544 | 0.0013 | 0.054 | 0.00586 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 5 | 13 | 38 | 0.29 | 630 | 126.6 | 281.4 | 0.12 | 0.13 | 275.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 13 | 69 | 0.001 | 0.046 | 0.00796 | 0.0145 | 0.0017 | 0.069 | 0.0131 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 4.19 | 7.27 | 5.227 | 0.932 | -- | -- | 5.699 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | naphthalene | mg/kg | 12 | 13 | 92 | 0.002 | 1.3 | 0.116 | 0.373 | 0.00028 | 0.00028 | 0.542 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | gt05lte10ft | pyrene | mg/kg | 13 | 13 | 100 | 0.016 | 1 | 0.161 | 0.271 | -- | -- | 0.489 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | tph as diesel | mg/kg | 12 | 13 | 92 | 13 | 5300 | 819.4 | 1457 | 4.8 | 4.8 | 2472 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 13 | 62 | 0.066 | 210 | 29.15 | 73.43 | 0.049 | 0.052 | 89.97 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 12 | 13 | 92 | 13 | 5700 | 1055 | 1546 | 7 | 7 | 2805 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 32.7 | 43.4 | 37.68 | 3.497 | -- | -- | 39.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 13 | 46 | 0.37 | 28 | 5.232 | 11.16 | 0.16 | 0.18 | 12.32 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 34.8 | 50.4 | 41.12 | 4.639 | -- | -- | 43.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 14 | 57 | 0.19 | 1.7 | 0.475 | 0.506 | 0.091 | 0.11 | 0.547 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24431 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 14 | 79 | 0.0009 | 0.1 | 0.0188 | 0.0277 | 0.0048 | 0.024 | 0.0455 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 3.68 | 7.88 | 4.994 | 1.107 | -- | -- | 5.518 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.000916 | 0.154 | 0.0379 | 0.0439 | -- | -- | 0.0705 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte02ft | benzene | µg/kg | 9 | 14 | 64 | 0.12 | 1.8 | 0.437 | 0.538 | 0.11 | 0.13 | 0.544 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 14 | 79 | 0.0008 | 0.19 | 0.0354 | 0.0529 | 0.0052 | 0.026 | 0.0855 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.0007 | 0.11 | 0.0311 | 0.0341 | 0.0005 | 0.0005 | 0.0683 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24431 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 14 | 71 | 0.0005 | 0.059 | 0.0177 | 0.0162 | 0.0004 | 0.014 | 0.0315 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte02ft | cadmium | mg/kg | 8 | 14 | 57 | 0.116 | 1.12 | 0.44 | 0.365 | 0.0883 | 0.0883 | 0.456 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte02ft | chrysene | mg/kg | 13 | 14 | 93 | 0.0017 | 0.48 | 0.0796 | 0.123 | 0.0095 | 0.0095 | 0.215 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24431 panama ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.8 | 10.5 | 9.107 | 1.149 | -- | -- | 9.651 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 8.61 | 31 | 16.43 | 6.755 | -- | -- | 19.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 14 | 57 | 0.0017 | 0.069 | 0.0185 | 0.0217 | 0.0009 | 0.017 | 0.0239 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 3.87 | 36.4 | 12.9 | 10.68 | -- | -- | 19.27 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte02ft | naphthalene | mg/kg | 6 | 14 | 43 | 0.00031 | 0.036 | 0.0131 | 0.014 | 0.00025 | 0.00036 | 0.0134 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0013 | 0.25 | 0.0441 | 0.0621 | -- | -- | 0.0799 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte02ft | toluene | µg/kg | 6 | 14 | 43 | 0.15 | 0.92 | 0.392 | 0.333 | 0.12 | 0.15 | 0.374 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte02ft | tph as diesel | mg/kg | 13 | 14 | 93 | 36 | 2600 | 405.4 | 694.6 | 4.8 | 4.8 | 1167 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte02ft | tph as gasoline | mg/kg | 5 | 14 | 36 | 0.065 | 0.14 | 0.115 | 0.0308 | 0.049 | 0.067 | 0.124 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte02ft | tph as motor oil | mg/kg | 13 | 14 | 93 | 96 | 7900 | 1292 | 2045 | 7 | 7 | 3533 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 28.6 | 39.3 | 34.37 | 3.432 | -- | -- | 36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 31.2 | 119 | 51.18 | 25.1 | -- | -- | 63.62 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 22 | 55 | 0.13 | 1.7 | 0.39 | 0.426 | 0.091 | 0.11 | 0.407 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 22 | 86 | 0.0009 | 0.1 | 0.0152 | 0.0219 | 0.0048 | 0.024 | 0.0332 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 3.21 | 21.8 | 5.893 | 3.753 | -- | -- | 7.382 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte05ft | bap teq | mg/kg | 22 | 22 | 100 | 0.000916 | 0.154 | 0.0364 | 0.0396 | -- | -- | 0.0562 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte05ft | benzene | µg/kg | 16 | 22 | 73 | 0.12 | 1.8 | 0.349 | 0.415 | 0.11 | 0.13 | 0.434 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 22 | 86 | 0.0008 | 0.19 | 0.0346 | 0.0462 | 0.0052 | 0.026 | 0.0717 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 21 | 22 | 95 | 0.0007 | 0.11 | 0.0291 | 0.0304 | 0.0005 | 0.0005 | 0.0559 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 22 | 77 | 0.0005 | 0.059 | 0.0172 | 0.0166 | 0.0004 | 0.014 | 0.0287 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte05ft | cadmium | mg/kg | 11 | 22 | 50 | 0.0916 | 1.12 | 0.35 | 0.342 | 0.0883 | 0.0883 | 0.322 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24431 panama ave | lte05ft | chrysene | mg/kg | 21 | 22 | 95 | 0.0017 | 0.48 | 0.0824 | 0.11 | 0.0095 | 0.0095 | 0.18 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 6.8 | 12.5 | 9.576 | 1.3 | -- | -- | 10.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 8.61 | 31 | 16.88 | 6.005 | -- | -- | 19.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24431 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 22 | 27 | 0.0015 | 0.027 | 0.00922 | 0.00944 | 0.0007 | 0.027 | 0.00842 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 22 | 64 | 0.0017 | 0.069 | 0.0142 | 0.0171 | 0.0009 | 0.017 | 0.017 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 3.6 | 36.4 | 10.3 | 9.162 | -- | -- | 13.71 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24431 panama ave | lte05ft | naphthalene | mg/kg | 12 | 22 | 55 | 0.00031 | 0.036 | 0.0128 | 0.0115 | 0.00025 | 0.00036 | 0.011 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte05ft | pyrene | mg/kg | 22 | 22 | 100 | 0.0013 | 0.36 | 0.0626 | 0.0886 | -- | -- | 0.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte05ft | toluene | µg/kg | 8 | 22 | 36 | 0.15 | 0.92 | 0.346 | 0.295 | 0.12 | 0.15 | 0.301 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte05ft | tph as diesel | mg/kg | 21 | 22 | 95 | 11 | 2600 | 344 | 567.1 | 4.8 | 4.8 | 848 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte05ft | tph as gasoline | mg/kg | 8 | 22 | 36 | 0.055 | 0.19 | 0.112 | 0.0458 | 0.049 | 0.067 | 0.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte05ft | tph as motor oil | mg/kg | 21 | 22 | 95 | 22 | 7900 | 976 | 1657 | 7 | 7 | 2449 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 28.6 | 52.6 | 36.45 | 5.854 | -- | -- | 38.62 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte05ft | xylenes, total | µg/kg | 7 | 22 | 32 | 0.24 | 1 | 0.501 | 0.252 | 0.16 | 0.21 | 0.497 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 29.1 | 119 | 46.78 | 20.94 | -- | -- | 54.85 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 35 | 49 | 0.1 | 1.7 | 0.347 | 0.365 | 0.091 | 9.2 | 0.326 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 11 | 35 | 31 | 0.0033 | 2.4 | 0.237 | 0.718 | 0.0011 | 0.043 | 0.385 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 35 | 89 | 0.0009 | 3 | 0.114 | 0.536 | 0.0012 | 0.024 | 0.474 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | arsenic | mg/kg | 35 | 35 | 100 | 3.21 | 21.8 | 6.009 | 3.062 | -- | -- | 6.947 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | bap teq | mg/kg | 35 | 35 | 100 | 0.000916 | 0.154 | 0.0386 | 0.0443 | -- | -- | 0.0537 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24431 panama ave | lte10ft | benzene | µg/kg | 22 | 35 | 63 | 0.12 | 1.8 | 0.301 | 0.361 | 0.11 | 11 | 0.336 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 32 | 35 | 91 | 0.0008 | 0.19 | 0.0392 | 0.05 | 0.0052 | 0.026 | 0.0723 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 34 | 35 | 97 | 0.0007 | 0.11 | 0.0299 | 0.0336 | 0.0005 | 0.0005 | 0.0537 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24431 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 35 | 80 | 0.0005 | 0.076 | 0.0176 | 0.0195 | 0.0004 | 0.014 | 0.0282 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 35 | 17 | 0.0056 | 0.058 | 0.0201 | 0.0203 | 0.0011 | 0.09 | 0.0113 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte10ft | cadmium | mg/kg | 18 | 35 | 51 | 0.0901 | 1.12 | 0.258 | 0.288 | 0.0883 | 0.0883 | 0.24 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | chrysene | mg/kg | 34 | 35 | 97 | 0.0017 | 0.57 | 0.0997 | 0.134 | 0.0095 | 0.0095 | 0.195 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte10ft | cobalt | mg/kg | 35 | 35 | 100 | 6.8 | 12.7 | 10.02 | 1.422 | -- | -- | 10.42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte10ft | copper | mg/kg | 35 | 35 | 100 | 8.61 | 31 | 17.56 | 5.195 | -- | -- | 19.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 35 | 40 | 0.0009 | 0.027 | 0.00642 | 0.00752 | 0.0007 | 0.054 | 0.00515 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24431 panama ave | lte10ft | ethylbenzene | µg/kg | 8 | 35 | 23 | 0.14 | 630 | 79.17 | 222.6 | 0.12 | 0.17 | 100.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 35 | 66 | 0.001 | 0.069 | 0.0118 | 0.0161 | 0.0009 | 0.069 | 0.0132 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24431 panama ave | lte10ft | lead | mg/kg | 35 | 35 | 100 | 3.6 | 36.4 | 8.413 | 7.638 | -- | -- | 14.04 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | naphthalene | mg/kg | 24 | 35 | 69 | 0.00031 | 1.3 | 0.0645 | 0.263 | 0.00025 | 0.00036 | 0.207 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | pyrene | mg/kg | 35 | 35 | 100 | 0.0013 | 1 | 0.0993 | 0.182 | -- | -- | 0.192 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte10ft | toluene | µg/kg | 12 | 35 | 34 | 0.13 | 0.92 | 0.284 | 0.253 | 0.12 | 12 | 0.243 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | tph as diesel | mg/kg | 33 | 35 | 94 | 11 | 5300 | 516.9 | 992.4 | 4.8 | 4.8 | 1203 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte10ft | tph as gasoline | mg/kg | 16 | 35 | 46 | 0.055 | 210 | 14.63 | 52.36 | 0.049 | 0.067 | 33.38 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | tph as motor oil | mg/kg | 33 | 35 | 94 | 13 | 7900 | 1005 | 1593 | 7 | 7 | 2101 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24431 panama ave | lte10ft | vanadium | mg/kg | 35 | 35 | 100 | 28.6 | 52.6 | 36.91 | 5.084 | -- | -- | 38.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24431 panama ave | lte10ft | xylenes, total | µg/kg | 13 | 35 | 37 | 0.24 | 28 | 2.685 | 7.611 | 0.16 | 0.21 | 2.846 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24431 panama ave | lte10ft | zinc | mg/kg | 35 | 35 | 100 | 29.1 | 119 | 44.67 | 16.92 | -- | -- | 49.76 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 15 | 60 | 0.28 | 92 | 23.53 | 32.32 | 0.095 | 51 | 26.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 13 | 15 | 87 | 0.012 | 7.3 | 2.567 | 2.357 | 0.011 | 0.043 | 3.306 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 14 | 15 | 93 | 0.011 | 12 | 3.204 | 3.68 | 0.006 | 0.006 | 7.099 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | arsenic | mg/kg | 15 | 15 | 100 | 2.91 | 13.4 | 7.091 | 3.128 | -- | -- | 8.513 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | bap teq | mg/kg | 11 | 15 | 73 | 0.0117 | 0.201 | 0.0878 | 0.0563 | 0.0004723 | 0.208 | 0.105 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | benzene | µg/kg | 8 | 15 | 53 | 0.13 | 370 | 73.85 | 128.8 | 0.11 | 13 | 91.63 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 15 | 67 | 0.022 | 0.2 | 0.104 | 0.0616 | 0.00078 | 0.26 | 0.118 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 15 | 60 | 0.023 | 0.16 | 0.0741 | 0.0433 | 0.00051 | 0.2 | 0.0818 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 15 | 60 | 0.016 | 0.075 | 0.0442 | 0.0218 | 0.00051 | 0.14 | 0.0484 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | chrysene | mg/kg | 11 | 15 | 73 | 0.1 | 0.63 | 0.317 | 0.169 | 0.00058 | 0.45 | 0.349 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | cobalt | mg/kg | 15 | 15 | 100 | 7.12 | 12.4 | 9.147 | 1.339 | -- | -- | 9.756 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | copper | mg/kg | 15 | 15 | 100 | 14.1 | 35 | 19.07 | 5.131 | -- | -- | 21.37 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 15 | 67 | 0.64 | 5000 | 1457 | 1953 | 0.12 | 14 | 1795 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | lead | mg/kg | 15 | 15 | 100 | 5.32 | 19.6 | 8.639 | 3.689 | -- | -- | 10.4 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | gt05lte10ft | naphthalene | mg/kg | 15 | 15 | 100 | 0.00055 | 7.6 | 1.99 | 2.507 | -- | -- | 5.261 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | pyrene | mg/kg | 15 | 15 | 100 | 0.001 | 1.5 | 0.44 | 0.41 | -- | -- | 0.763 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | toluene | µg/kg | 5 | 15 | 33 | 0.16 | 56 | 11.43 | 24.91 | 0.12 | 45 | 21.47 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 15 | 15 | 100 | 9.4 | 13000 | 4746 | 3973 | -- | -- | 9217 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 15 | 15 | 100 | 0.083 | 910 | 286.8 | 284.4 | -- | -- | 606.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 15 | 15 | 100 | 14 | 16000 | 5884 | 4835 | -- | -- | 8082 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24432 marbella ave | gt05lte10ft | vanadium | mg/kg | 15 | 15 | 100 | 32.4 | 41.3 | 36.38 | 3.126 | -- | -- | 37.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 15 | 67 | 0.99 | 120 | 44.86 | 44.08 | 0.16 | 18 | 50.22 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | gt05lte10ft | zinc | mg/kg | 15 | 15 | 100 | 33.8 | 70.2 | 45.86 | 9.999 | -- | -- | 50.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 12 | 28 | 43 | 0.0045 | 1.6 | 0.189 | 0.469 | 0.0043 | 0.043 | 0.349 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 26 | 28 | 93 | 0.0036 | 2.3 | 0.138 | 0.467 | 0.012 | 0.012 | 0.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte02ft | antimony | mg/kg | 7 | 28 | 25 | 0.383 | 0.697 | 0.544 | 0.112 | 0.306 | 0.306 | 0.527 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte02ft | arsenic | mg/kg | 28 | 28 | 100 | 1.32 | 5.38 | 3.056 | 1.102 | -- | -- | 3.411 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte02ft | bap teq | mg/kg | 28 | 28 | 100 | 0.00275 | 0.125 | 0.0377 | 0.0287 | -- | -- | 0.0488 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte02ft | benzene | µg/kg | 16 | 28 | 57 | 0.11 | 0.47 | 0.226 | 0.095 | 0.1 | 0.49 | 0.217 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 28 | 28 | 100 | 0.0034 | 0.1 | 0.032 | 0.0271 | -- | -- | 0.0422 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 27 | 28 | 96 | 0.002 | 0.098 | 0.0293 | 0.0222 | 0.0099 | 0.0099 | 0.0468 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 27 | 28 | 96 | 0.0011 | 0.047 | 0.0149 | 0.0109 | 0.007 | 0.007 | 0.0235 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 28 | 21 | 0.0034 | 0.05 | 0.0152 | 0.0176 | 0.0011 | 0.045 | 0.00989 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte02ft | cadmium | mg/kg | 10 | 28 | 36 | 0.0956 | 0.369 | 0.173 | 0.0811 | 0.0883 | 0.0883 | 0.143 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte02ft | chrysene | mg/kg | 28 | 28 | 100 | 0.0076 | 0.29 | 0.0924 | 0.0752 | -- | -- | 0.121 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte02ft | cobalt | mg/kg | 28 | 28 | 100 | 6.37 | 11.6 | 9.106 | 1.312 | -- | -- | 9.528 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte02ft | copper | mg/kg | 28 | 28 | 100 | 8.02 | 21.4 | 15.49 | 3.698 | -- | -- | 16.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 28 | 25 | 0.002 | 0.014 | 0.00744 | 0.00475 | 0.0007 | 0.027 | 0.00623 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 28 | 43 | 0.0025 | 0.032 | 0.0122 | 0.00899 | 0.0009 | 0.035 | 0.0106 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte02ft | lead | mg/kg | 28 | 28 | 100 | 5.4 | 24.3 | 12.67 | 5.666 | -- | -- | 14.79 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte02ft | naphthalene | mg/kg | 17 | 28 | 61 | 0.00035 | 0.63 | 0.0667 | 0.167 | 0.00024 | 0.00036 | 0.151 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte02ft | pyrene | mg/kg | 28 | 28 | 100 | 0.0038 | 0.35 | 0.0746 | 0.0899 | -- | -- | 0.106 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte02ft | toluene | µg/kg | 12 | 28 | 43 | 0.13 | 3.1 | 0.569 | 0.831 | 0.11 | 0.55 | 0.51 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte02ft | tph as diesel | mg/kg | 28 | 28 | 100 | 24 | 2900 | 490.1 | 606.8 | -- | -- | 708.2 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte02ft | tph as gasoline | mg/kg | 11 | 28 | 39 | 0.049 | 230 | 21.2 | 69.26 | 0.047 | 0.059 | 45.21 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte02ft | tph as motor oil | mg/kg | 28 | 28 | 100 | 97 | 3500 | 1115 | 932 | -- | -- | 1496 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte02ft | vanadium | mg/kg | 28 | 28 | 100 | 23.4 | 37.2 | 31.35 | 3.964 | -- | -- | 32.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte02ft | xylenes, total | µg/kg | 5 | 28 | 18 | 0.2 | 0.74 | 0.348 | 0.222 | 0.15 | 0.74 | 0.306 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte02ft | zinc | mg/kg | 28 | 28 | 100 | 26.6 | 108 | 48 | 19.09 | -- | -- | 54.37 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 52 | 23 | 0.1 | 31 | 3.293 | 8.798 | 0.088 | 10 | 2.225 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 52 | 12 | 0.11 | 12 | 2.098 | 4.851 | 0.074 | 8.5 | 1.421 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 28 | 52 | 54 | 0.0012 | 4.5 | 0.497 | 1.005 | 0.0043 | 0.043 | 0.741 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 50 | 52 | 96 | 0.0014 | 6.5 | 0.395 | 1.127 | 0.012 | 0.012 | 1.049 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte05ft | antimony | mg/kg | 11 | 52 | 21 | 0.319 | 0.697 | 0.496 | 0.118 | 0.149 | 0.306 | 0.433 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte05ft | arsenic | mg/kg | 52 | 52 | 100 | 0.921 | 16.4 | 3.908 | 2.421 | -- | -- | 4.434 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte05ft | bap teq | mg/kg | 52 | 52 | 100 | 0.00275 | 0.5 | 0.0614 | 0.0921 | -- | -- | 0.0893 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte05ft | benzene | µg/kg | 31 | 52 | 60 | 0.11 | 23 | 1.134 | 4.121 | 0.1 | 12 | 2.679 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 51 | 52 | 98 | 0.0034 | 0.65 | 0.0664 | 0.128 | 0.13 | 0.13 | 0.142 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 49 | 52 | 94 | 0.002 | 0.36 | 0.046 | 0.0672 | 0.0099 | 0.099 | 0.084 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 48 | 52 | 92 | 0.0011 | 0.17 | 0.0231 | 0.033 | 0.007 | 0.07 | 0.0413 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 15 | 52 | 29 | 0.0014 | 0.087 | 0.0182 | 0.0247 | 0.0011 | 0.23 | 0.012 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte05ft | cadmium | mg/kg | 12 | 52 | 23 | 0.0956 | 0.663 | 0.246 | 0.188 | 0.0883 | 0.0883 | 0.156 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte05ft | chrysene | mg/kg | 52 | 52 | 100 | 0.0076 | 1.5 | 0.175 | 0.286 | -- | -- | 0.245 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte05ft | cobalt | mg/kg | 52 | 52 | 100 | 6.36 | 13.6 | 9.233 | 1.51 | -- | -- | 9.584 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte05ft | copper | mg/kg | 52 | 52 | 100 | 8.02 | 21.4 | 15.57 | 3.546 | -- | -- | 16.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 21 | 52 | 40 | 0.0008 | 0.086 | 0.0167 | 0.0233 | 0.0007 | 0.13 | 0.0121 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte05ft | ethylbenzene | µg/kg | 16 | 52 | 31 | 0.16 | 46 | 8.298 | 14.3 | 0.12 | 13 | 4.727 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 52 | 44 | 0.0018 | 0.063 | 0.0152 | 0.0163 | 0.0009 | 0.17 | 0.012 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte05ft | lead | mg/kg | 52 | 52 | 100 | 4.83 | 24.3 | 11.17 | 5.056 | -- | -- | 12.37 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte05ft | naphthalene | mg/kg | 38 | 52 | 73 | 0.00035 | 1.3 | 0.15 | 0.294 | 0.00024 | 0.0007 | 0.267 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte05ft | pyrene | mg/kg | 52 | 52 | 100 | 0.0038 | 2.1 | 0.176 | 0.349 | -- | -- | 0.269 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte05ft | toluene | µg/kg | 23 | 52 | 44 | 0.13 | 3.1 | 0.411 | 0.616 | 0.11 | 13 | 0.382 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte05ft | tph as diesel | mg/kg | 51 | 52 | 98 | 24 | 4900 | 641 | 843 | 4.8 | 4.8 | 1136 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte05ft | tph as gasoline | mg/kg | 29 | 52 | 56 | 0.049 | 230 | 13.71 | 48.96 | 0.04 | 0.059 | 30.16 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte05ft | tph as motor oil | mg/kg | 51 | 52 | 98 | 70 | 5400 | 1168 | 1093 | 7 | 7 | 1807 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte05ft | vanadium | mg/kg | 52 | 52 | 100 | 23.4 | 45.6 | 32.88 | 4.915 | -- | -- | 34.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte05ft | xylenes, total | µg/kg | 17 | 52 | 33 | 0.2 | 100 | 6.469 | 24.11 | 0.15 | 17 | 6.126 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte05ft | zinc | mg/kg | 52 | 52 | 100 | 25.6 | 108 | 44.5 | 14.94 | -- | -- | 48.06 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 21 | 67 | 31 | 0.1 | 92 | 11.97 | 23.79 | 0.088 | 51 | 11.59 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24432 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 67 | 12 | 0.11 | 16 | 3.593 | 6.512 | 0.074 | 48 | 1.913 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 41 | 67 | 61 | 0.0012 | 7.3 | 1.154 | 1.816 | 0.0043 | 0.043 | 1.522 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 64 | 67 | 96 | 0.0014 | 12 | 1.009 | 2.27 | 0.006 | 0.012 | 2.151 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte10ft | antimony | mg/kg | 12 | 67 | 18 | 0.319 | 0.697 | 0.482 | 0.122 | 0.149 | 0.306 | 0.41 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte10ft | arsenic | mg/kg | 67 | 67 | 100 | 0.921 | 16.4 | 4.621 | 2.896 | -- | -- | 5.205 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte10ft | bap teq | mg/kg | 63 | 67 | 94 | 0.00275 | 0.5 | 0.066 | 0.0871 | 0.0004723 | 0.208 | 0.109 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte10ft | benzene | µg/kg | 39 | 67 | 58 | 0.11 | 370 | 16.05 | 62.89 | 0.1 | 13 | 35.31 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 61 | 67 | 91 | 0.0034 | 0.65 | 0.0725 | 0.12 | 0.00078 | 0.26 | 0.13 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 58 | 67 | 87 | 0.002 | 0.36 | 0.0504 | 0.0646 | 0.00051 | 0.2 | 0.0791 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 57 | 67 | 85 | 0.0011 | 0.17 | 0.0264 | 0.0323 | 0.00051 | 0.14 | 0.0408 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 16 | 67 | 24 | 0.0014 | 0.087 | 0.018 | 0.0239 | 0.0007 | 0.45 | 0.0101 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte10ft | cadmium | mg/kg | 16 | 67 | 24 | 0.0956 | 0.663 | 0.304 | 0.217 | 0.0883 | 0.0883 | 0.179 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte10ft | chrysene | mg/kg | 63 | 67 | 94 | 0.0076 | 1.5 | 0.2 | 0.274 | 0.00058 | 0.45 | 0.335 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte10ft | cobalt | mg/kg | 67 | 67 | 100 | 6.36 | 13.6 | 9.214 | 1.464 | -- | -- | 9.513 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte10ft | copper | mg/kg | 67 | 67 | 100 | 8.02 | 35 | 16.35 | 4.179 | -- | -- | 17.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 22 | 67 | 33 | 0.0008 | 0.086 | 0.0165 | 0.0228 | 0.00052 | 0.27 | 0.0106 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte10ft | ethylbenzene | µg/kg | 26 | 67 | 39 | 0.16 | 5000 | 565.4 | 1375 | 0.12 | 14 | 699.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 24 | 67 | 36 | 0.0018 | 0.063 | 0.0151 | 0.0159 | 0.00053 | 0.35 | 0.0109 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24432 marbella ave | lte10ft | lead | mg/kg | 67 | 67 | 100 | 4.83 | 24.3 | 10.61 | 4.875 | -- | -- | 11.62 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte10ft | naphthalene | mg/kg | 53 | 67 | 79 | 0.00035 | 7.6 | 0.671 | 1.566 | 0.00024 | 0.0007 | 1.287 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte10ft | pyrene | mg/kg | 67 | 67 | 100 | 0.001 | 2.1 | 0.235 | 0.377 | -- | -- | 0.429 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte10ft | toluene | µg/kg | 28 | 67 | 42 | 0.13 | 56 | 2.379 | 10.52 | 0.11 | 45 | 2.764 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte10ft | tph as diesel | mg/kg | 66 | 67 | 99 | 9.4 | 13000 | 1574 | 2636 | 4.8 | 4.8 | 2948 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24432 marbella ave | lte10ft | tph as gasoline | mg/kg | 44 | 67 | 66 | 0.049 | 910 | 106.8 | 212.2 | 0.04 | 0.059 | 165.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte10ft | tph as motor oil | mg/kg | 66 | 67 | 99 | 14 | 16000 | 2239 | 3149 | 7 | 7 | 3877 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24432 marbella ave | lte10ft | vanadium | mg/kg | 67 | 67 | 100 | 23.4 | 45.6 | 33.66 | 4.786 | -- | -- | 34.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24432 marbella ave | lte10ft | xylenes, total | µg/kg | 27 | 67 | 40 | 0.2 | 120 | 20.69 | 37.24 | 0.15 | 18 | 22.19 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24432 marbella ave | lte10ft | zinc | mg/kg | 67 | 67 | 100 | 25.6 | 108 | 44.8 | 13.93 | -- | -- | 47.7 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 13 | 77 | 0.0007 | 0.043 | 0.0069 | 0.0128 | 0.0006 | 0.0024 | 0.0195 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24433 marbella ave | lte02ft | arsenic | mg/kg | 13 | 13 | 100 | 3.31 | 8.38 | 6.115 | 1.519 | -- | -- | 6.865 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte02ft | bap teq | mg/kg | 8 | 13 | 62 | 0.0016 | 0.0733 | 0.0167 | 0.0245 | 0.00053 | 0.00208 | 0.036 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 8 | 13 | 62 | 0.0012 | 0.1 | 0.0178 | 0.0335 | 0.0007 | 0.0026 | 0.0448 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 8 | 13 | 62 | 0.0012 | 0.056 | 0.0126 | 0.0188 | 0.0005 | 0.002 | 0.0275 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 13 | 46 | 0.0017 | 0.013 | 0.00435 | 0.00428 | 0.0004 | 0.007 | 0.00468 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte02ft | chrysene | mg/kg | 8 | 13 | 62 | 0.0039 | 0.27 | 0.0493 | 0.0904 | 0.0012 | 0.0047 | 0.122 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte02ft | cobalt | mg/kg | 13 | 13 | 100 | 7.04 | 16.5 | 11.51 | 2.2 | -- | -- | 12.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte02ft | copper | mg/kg | 13 | 13 | 100 | 18 | 35.2 | 23.56 | 5.444 | -- | -- | 26.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 13 | 38 | 0.0012 | 0.0062 | 0.0023 | 0.00218 | 0.0007 | 0.013 | 0.00247 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 13 | 46 | 0.0011 | 0.011 | 0.0034 | 0.00375 | 0.0009 | 0.017 | 0.00389 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte02ft | lead | mg/kg | 13 | 13 | 100 | 4.15 | 307 | 32.08 | 82.66 | -- | -- | 132 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte02ft | naphthalene | mg/kg | 11 | 13 | 85 | 0.001 | 0.23 | 0.0233 | 0.0686 | 0.00026 | 0.00027 | 0.0968 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte02ft | pyrene | mg/kg | 10 | 13 | 77 | 0.0009 | 0.19 | 0.0258 | 0.0583 | 0.0008 | 0.0033 | 0.0833 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte02ft | tetrachloroethene | µg/kg | 5 | 13 | 38 | 0.27 | 19000 | 3801 | 8496 | 0.14 | 0.16 | 8305 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte02ft | tph as diesel | mg/kg | 10 | 13 | 77 | 8.6 | 17000 | 1727 | 5366 | 4.8 | 4.8 | 7095 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte02ft | tph as motor oil | mg/kg | 10 | 13 | 77 | 25 | 37000 | 3776 | 11674 | 7 | 7 | 15451 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte02ft | vanadium | mg/kg | 13 | 13 | 100 | 32.1 | 45.3 | 37.86 | 3.535 | -- | -- | 39.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte02ft | zinc | mg/kg | 13 | 13 | 100 | 40.3 | 113 | 60.92 | 19.35 | -- | -- | 70.82 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24433 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 20 | 30 | 0.28 | 28 | 5.137 | 11.2 | 0.092 | 0.11 | 8.172 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 20 | 30 | 0.0013 | 0.059 | 0.012 | 0.0232 | 0.0011 | 0.0043 | 0.0179 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 20 | 70 | 0.0007 | 0.043 | 0.00618 | 0.0112 | 0.0006 | 0.0024 | 0.00865 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24433 marbella ave | lte05ft | arsenic | mg/kg | 20 | 20 | 100 | 3.31 | 10.1 | 6.467 | 1.637 | -- | -- | 7.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte05ft | bap teq | mg/kg | 8 | 20 | 40 | 0.0016 | 0.0733 | 0.0167 | 0.0245 | 0.00053 | 0.00208 | 0.0183 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 8 | 20 | 40 | 0.0012 | 0.1 | 0.0178 | 0.0335 | 0.0007 | 0.0026 | 0.0195 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 8 | 20 | 40 | 0.0012 | 0.056 | 0.0126 | 0.0188 | 0.0005 | 0.002 | 0.0131 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 6 | 20 | 30 | 0.0017 | 0.013 | 0.00435 | 0.00428 | 0.0004 | 0.007 | 0.00381 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 20 | 30 | 0.078 | 0.48 | 0.201 | 0.145 | 0.22 | 0.22 | 0.191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte05ft | chrysene | mg/kg | 8 | 20 | 40 | 0.0039 | 0.27 | 0.0493 | 0.0904 | 0.0012 | 0.0047 | 0.0507 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte05ft | cobalt | mg/kg | 20 | 20 | 100 | 7.04 | 16.5 | 12.27 | 2.393 | -- | -- | 13.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte05ft | copper | mg/kg | 20 | 20 | 100 | 17.4 | 35.2 | 22.7 | 5.665 | -- | -- | 24.94 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24433 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 20 | 25 | 0.0012 | 0.0062 | 0.0023 | 0.00218 | 0.0007 | 0.013 | 0.00202 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 20 | 30 | 0.0011 | 0.011 | 0.0034 | 0.00375 | 0.0009 | 0.017 | 0.00318 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte05ft | lead | mg/kg | 20 | 20 | 100 | 4.15 | 307 | 23.21 | 66.86 | -- | -- | 88.38 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte05ft | naphthalene | mg/kg | 14 | 20 | 70 | 0.001 | 0.23 | 0.0194 | 0.0607 | 0.00026 | 0.0003 | 0.0641 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte05ft | pyrene | mg/kg | 12 | 20 | 60 | 0.0009 | 0.19 | 0.0219 | 0.0535 | 0.0008 | 0.0033 | 0.0553 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte05ft | tetrachloroethene | µg/kg | 9 | 20 | 45 | 0.27 | 19000 | 2112 | 6333 | 0.14 | 0.16 | 5231 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte05ft | toluene | µg/kg | 6 | 20 | 30 | 0.14 | 87 | 14.89 | 35.33 | 0.12 | 0.14 | 24.76 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte05ft | tph as diesel | mg/kg | 10 | 20 | 50 | 8.6 | 17000 | 1727 | 5366 | 4.8 | 4.8 | 4670 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte05ft | tph as motor oil | mg/kg | 10 | 20 | 50 | 25 | 37000 | 3776 | 11674 | 7 | 7 | 10174 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte05ft | vanadium | mg/kg | 20 | 20 | 100 | 32.1 | 46.2 | 38.89 | 4.16 | -- | -- | 40.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte05ft | zinc | mg/kg | 20 | 20 | 100 | 40.3 | 113 | 56.35 | 17.65 | -- | -- | 63.45 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 27 | 30 | 0.28 | 28 | 3.99 | 9.703 | 0.092 | 0.11 | 4.479 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 27 | 22 | 0.15 | 0.24 | 0.193 | 0.0372 | 0.078 | 12 | 0.197 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 27 | 33 | 0.0013 | 0.059 | 0.00867 | 0.019 | 0.0011 | 0.0043 | 0.0079 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 18 | 27 | 67 | 0.0007 | 0.043 | 0.00542 | 0.00989 | 0.0006 | 0.0024 | 0.011 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte10ft | arsenic | mg/kg | 27 | 27 | 100 | 2.34 | 10.1 | 5.88 | 1.963 | -- | -- | 6.524 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte10ft | bap teq | mg/kg | 8 | 27 | 30 | 0.0016 | 0.0733 | 0.0167 | 0.0245 | 0.00053 | 0.00208 | 0.0152 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 8 | 27 | 30 | 0.0012 | 0.1 | 0.0178 | 0.0335 | 0.0007 | 0.0026 | 0.0167 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 8 | 27 | 30 | 0.0012 | 0.056 | 0.0126 | 0.0188 | 0.0005 | 0.002 | 0.0108 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 27 | 22 | 0.0017 | 0.013 | 0.00435 | 0.00428 | 0.0004 | 0.007 | 0.00352 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 8 | 27 | 30 | 0.047 | 0.48 | 0.176 | 0.135 | 0.22 | 0.22 | 0.171 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24433 marbella ave | lte10ft | chrysene | mg/kg | 8 | 27 | 30 | 0.0039 | 0.27 | 0.0493 | 0.0904 | 0.0012 | 0.0047 | 0.0402 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte10ft | cobalt | mg/kg | 27 | 27 | 100 | 7.04 | 16.5 | 12.13 | 2.204 | -- | -- | 12.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24433 marbella ave | lte10ft | copper | mg/kg | 27 | 27 | 100 | 17.3 | 35.2 | 23.06 | 5.592 | -- | -- | 24.93 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 27 | 19 | 0.0012 | 0.0062 | 0.0023 | 0.00218 | 0.0007 | 0.013 | 0.00183 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 27 | 22 | 0.0011 | 0.011 | 0.0034 | 0.00375 | 0.0009 | 0.017 | 0.00277 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte10ft | lead | mg/kg | 27 | 27 | 100 | 4.07 | 307 | 19.5 | 57.59 | -- | -- | 67.81 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | naphthalene | mg/kg | 17 | 27 | 63 | 0.001 | 0.23 | 0.0162 | 0.0551 | 0.00026 | 0.00031 | 0.0479 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | pyrene | mg/kg | 13 | 27 | 48 | 0.0009 | 0.19 | 0.0203 | 0.0515 | 0.0008 | 0.0033 | 0.025 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte10ft | tetrachloroethene | µg/kg | 13 | 27 | 48 | 0.27 | 19000 | 1463 | 5269 | 0.14 | 0.16 | 3837 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | toluene | µg/kg | 10 | 27 | 37 | 0.13 | 87 | 9.077 | 27.38 | 0.12 | 0.14 | 17.93 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | tph as diesel | mg/kg | 12 | 27 | 44 | 8.6 | 17000 | 1443 | 4899 | 4.8 | 4.8 | 3456 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | tph as motor oil | mg/kg | 12 | 27 | 44 | 25 | 37000 | 3155 | 10659 | 7 | 7 | 7531 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | vanadium | mg/kg | 27 | 27 | 100 | 30.7 | 63.5 | 39.65 | 6.557 | -- | -- | 41.88 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24433 marbella ave | lte10ft | xylenes, total | µg/kg | 5 | 27 | 19 | 0.17 | 100 | 20.59 | 44.39 | 0.16 | 0.19 | 21.62 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24433 marbella ave | lte10ft | zinc | mg/kg | 27 | 27 | 100 | 40.3 | 113 | 57.37 | 15.71 | -- | -- | 62.42 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 2.87 | 4.43 | 3.389 | 0.519 | -- | -- | 3.736 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | bap teq | mg/kg | 5 | 8 | 63 | 0.00054 | 0.156 | 0.0373 | 0.067 | 0.00053 | 0.00053 | 0.0627 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | benzene | µg/kg | 8 | 8 | 100 | 0.28 | 13 | 3.998 | 4.342 | -- | -- | 6.906 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | chrysene | mg/kg | 5 | 8 | 63 | 0.0012 | 0.083 | 0.022 | 0.0345 | 0.0012 | 0.0012 | 0.0347 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 1.84 | 5.01 | 3.543 | 1.054 | -- | -- | 4.249 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 2.76 | 5.41 | 3.894 | 0.919 | -- | -- | 4.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 8 | 88 | 0.21 | 1.5 | 0.739 | 0.498 | 0.15 | 0.15 | 1.009 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 0.868 | 3.2 | 1.742 | 0.724 | -- | -- | 2.227 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | pyrene | mg/kg | 5 | 8 | 63 | 0.0011 | 0.058 | 0.015 | 0.0242 | 0.0008 | 0.0008 | 0.0246 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | toluene | µg/kg | 8 | 8 | 100 | 0.2 | 1.5 | 0.634 | 0.471 | -- | -- | 0.949 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 7.26 | 15.8 | 12.48 | 3.002 | -- | -- | 14.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 8.67 | 22.5 | 17.25 | 4.888 | -- | -- | 20.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 19 | 37 | 0.17 | 0.44 | 0.283 | 0.103 | 0.089 | 0.12 | 0.27 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 19 | 42 | 0.0016 | 0.048 | 0.0116 | 0.0155 | 0.0006 | 0.003 | 0.0103 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 2.52 | 5.99 | 4.236 | 1.126 | -- | -- | 4.684 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte02ft | bap teq | mg/kg | 15 | 19 | 79 | 0.000674 | 0.0724 | 0.0117 | 0.0195 | 0.00053 | 0.00053 | 0.0274 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24436 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 19 | 63 | 0.0008 | 0.089 | 0.0154 | 0.0255 | 0.0007 | 0.0007 | 0.0192 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 19 | 74 | 0.0006 | 0.052 | 0.00914 | 0.0146 | 0.0005 | 0.0005 | 0.02 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24436 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 19 | 63 | 0.0006 | 0.032 | 0.00705 | 0.0102 | 0.0004 | 0.0018 | 0.00837 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24436 panama ave | lte02ft | chromium, hexavalent | mg/kg | 5 | 19 | 26 | 0.25 | 0.64 | 0.396 | 0.159 | 0.22 | 0.22 | 0.424 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte02ft | chrysene | mg/kg | 14 | 19 | 74 | 0.0014 | 0.31 | 0.0402 | 0.0826 | 0.0012 | 0.0012 | 0.103 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24436 panama ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 5.71 | 10.3 | 8.177 | 1.515 | -- | -- | 8.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 4.62 | 12.8 | 8.902 | 2.194 | -- | -- | 9.775 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24436 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 19 | 26 | 0.0016 | 0.018 | 0.00636 | 0.00678 | 0.0009 | 0.0043 | 0.0062 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 3.72 | 17.5 | 7.142 | 3.946 | -- | -- | 8.781 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24436 panama ave | lte02ft | naphthalene | mg/kg | 5 | 19 | 26 | 0.0014 | 0.022 | 0.00762 | 0.00825 | 0.00025 | 0.00031 | 0.00512 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte02ft | pyrene | mg/kg | 17 | 19 | 89 | 0.0009 | 0.1 | 0.0146 | 0.0251 | 0.0008 | 0.0008 | 0.0373 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte02ft | toluene | µg/kg | 10 | 19 | 53 | 0.13 | 0.51 | 0.246 | 0.135 | 0.11 | 0.13 | 0.237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte02ft | tph as diesel | mg/kg | 8 | 19 | 42 | 6.5 | 170 | 41.8 | 54.68 | 4.8 | 4.8 | 37.31 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24436 panama ave | lte02ft | tph as motor oil | mg/kg | 9 | 19 | 47 | 19 | 480 | 121.8 | 147 | 7 | 7 | 113.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 19.6 | 37 | 27.15 | 5.729 | -- | -- | 29.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 19.2 | 65.8 | 32.24 | 11.03 | -- | -- | 36.61 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 27 | 37 | 0.15 | 0.44 | 0.266 | 0.0942 | 0.088 | 0.12 | 0.234 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 27 | 44 | 0.0008 | 0.048 | 0.00809 | 0.0134 | 0.0006 | 0.003 | 0.00724 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 2.52 | 6.59 | 4.697 | 1.214 | -- | -- | 5.096 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte05ft | bap teq | mg/kg | 18 | 27 | 67 | 0.000674 | 0.0724 | 0.0105 | 0.018 | 0.00053 | 0.00053 | 0.0201 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte05ft | benzene | µg/kg | 5 | 27 | 19 | 0.11 | 0.26 | 0.168 | 0.0646 | 0.1 | 0.14 | 0.153 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 27 | 56 | 0.0008 | 0.089 | 0.0132 | 0.0231 | 0.0007 | 0.0007 | 0.0231 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 27 | 63 | 0.0006 | 0.052 | 0.00806 | 0.0134 | 0.0005 | 0.0005 | 0.0147 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 15 | 27 | 56 | 0.0006 | 0.032 | 0.00617 | 0.00927 | 0.0004 | 0.0018 | 0.00997 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte05ft | chromium, hexavalent | mg/kg | 8 | 27 | 30 | 0.25 | 0.64 | 0.37 | 0.13 | 0.22 | 0.22 | 0.33 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte05ft | chrysene | mg/kg | 17 | 27 | 63 | 0.0014 | 0.31 | 0.0352 | 0.0753 | 0.0012 | 0.0012 | 0.0747 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 5.71 | 11.7 | 8.05 | 1.576 | -- | -- | 8.567 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 4.62 | 12.8 | 8.903 | 1.876 | -- | -- | 9.519 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 27 | 22 | 0.0009 | 0.018 | 0.00545 | 0.00646 | 0.0009 | 0.0043 | 0.00313 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 3.72 | 17.5 | 6.674 | 3.393 | -- | -- | 7.841 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24436 panama ave | lte05ft | naphthalene | mg/kg | 5 | 27 | 19 | 0.0014 | 0.022 | 0.00762 | 0.00825 | 0.00025 | 0.00031 | 0.00402 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte05ft | pyrene | mg/kg | 21 | 27 | 78 | 0.0008 | 0.1 | 0.0127 | 0.0228 | 0.0008 | 0.0008 | 0.0275 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte05ft | toluene | µg/kg | 14 | 27 | 52 | 0.13 | 0.51 | 0.242 | 0.129 | 0.11 | 0.13 | 0.225 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24436 panama ave | lte05ft | tph as diesel | mg/kg | 11 | 27 | 41 | 6.5 | 170 | 32.46 | 48.47 | 4.8 | 4.8 | 28.22 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte05ft | tph as motor oil | mg/kg | 12 | 27 | 44 | 19 | 480 | 96.67 | 133.3 | 7 | 7 | 85.56 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24436 panama ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 19.6 | 39.6 | 28.53 | 5.519 | -- | -- | 30.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 19.2 | 65.8 | 32.98 | 9.413 | -- | -- | 36.04 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 35 | 34 | 0.15 | 0.44 | 0.256 | 0.0897 | 0.088 | 0.13 | 0.217 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 14 | 35 | 40 | 0.0008 | 0.048 | 0.00989 | 0.0152 | 0.0006 | 0.003 | 0.00749 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24436 panama ave | lte10ft | arsenic | mg/kg | 35 | 35 | 100 | 2.52 | 6.59 | 4.398 | 1.222 | -- | -- | 4.778 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24436 panama ave | lte10ft | bap teq | mg/kg | 23 | 35 | 66 | 0.00054 | 0.156 | 0.0163 | 0.0346 | 0.00053 | 0.00053 | 0.0323 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte10ft | benzene | µg/kg | 13 | 35 | 37 | 0.11 | 13 | 2.525 | 3.842 | 0.1 | 0.14 | 1.761 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 19 | 35 | 54 | 0.0008 | 0.089 | 0.0151 | 0.0247 | 0.0007 | 0.0007 | 0.023 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 35 | 60 | 0.0006 | 0.096 | 0.0119 | 0.0228 | 0.0005 | 0.0005 | 0.0211 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 19 | 35 | 54 | 0.0006 | 0.067 | 0.00925 | 0.0163 | 0.0004 | 0.0018 | 0.0147 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte10ft | chromium, hexavalent | mg/kg | 9 | 35 | 26 | 0.22 | 0.64 | 0.353 | 0.132 | 0.22 | 0.22 | 0.303 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte10ft | chrysene | mg/kg | 22 | 35 | 63 | 0.0012 | 0.31 | 0.0322 | 0.0676 | 0.0012 | 0.0012 | 0.0618 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte10ft | cobalt | mg/kg | 35 | 35 | 100 | 1.84 | 11.7 | 7.019 | 2.411 | -- | -- | 7.709 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte10ft | copper | mg/kg | 35 | 35 | 100 | 2.76 | 12.8 | 7.758 | 2.724 | -- | -- | 8.537 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 35 | 14 | 0.0012 | 0.087 | 0.0221 | 0.0368 | 0.0007 | 0.013 | 0.0088 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte10ft | ethylbenzene | µg/kg | 7 | 35 | 20 | 0.21 | 1.5 | 0.739 | 0.498 | 0.12 | 0.16 | 0.479 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 35 | 26 | 0.0009 | 0.071 | 0.0135 | 0.0226 | 0.0009 | 0.0043 | 0.00782 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte10ft | lead | mg/kg | 35 | 35 | 100 | 0.868 | 17.5 | 5.547 | 3.65 | -- | -- | 8.237 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24436 panama ave | lte10ft | naphthalene | mg/kg | 6 | 35 | 17 | 0.0014 | 0.022 | 0.00757 | 0.00738 | 0.00025 | 0.00035 | 0.00359 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24436 panama ave | lte10ft | pyrene | mg/kg | 26 | 35 | 74 | 0.0008 | 0.1 | 0.0132 | 0.0226 | 0.0008 | 0.0008 | 0.0249 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte10ft | toluene | µg/kg | 22 | 35 | 63 | 0.13 | 1.5 | 0.385 | 0.349 | 0.11 | 0.13 | 0.394 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24436 panama ave | lte10ft | tph as diesel | mg/kg | 11 | 35 | 31 | 6.5 | 170 | 32.46 | 48.47 | 4.8 | 4.8 | 24.63 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte10ft | tph as motor oil | mg/kg | 14 | 35 | 40 | 11 | 480 | 84.86 | 126.3 | 7 | 7 | 76.43 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24436 panama ave | lte10ft | vanadium | mg/kg | 35 | 35 | 100 | 7.26 | 39.6 | 24.86 | 8.479 | -- | -- | 27.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24436 panama ave | lte10ft | zinc | mg/kg | 35 | 35 | 100 | 8.67 | 65.8 | 29.38 | 10.84 | -- | -- | 32.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 11 | 64 | 0.3 | 460 | 126.8 | 211.1 | 0.49 | 10 | 164.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 11 | 100 | 0.0014 | 7.2 | 1.953 | 2.176 | -- | -- | 7.2 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 0.0022 | 11 | 2.671 | 3.231 | -- | -- | 10.41 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 3.01 | 11.6 | 7.227 | 2.738 | -- | -- | 8.723 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | bap teq | mg/kg | 10 | 11 | 91 | 0.00123 | 0.137 | 0.0399 | 0.0458 | 0.0004723 | 0.0004723 | 0.0958 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | benzene | µg/kg | 7 | 11 | 64 | 0.29 | 39 | 8.531 | 14.57 | 0.12 | 12 | 11.36 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24502 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 11 | 55 | 0.0026 | 0.27 | 0.0784 | 0.105 | 0.00078 | 0.065 | 0.0958 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | cadmium | mg/kg | 9 | 11 | 82 | 0.274 | 1.83 | 0.821 | 0.558 | 0.0883 | 0.0883 | 1.023 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | chrysene | mg/kg | 10 | 11 | 91 | 0.0057 | 0.52 | 0.194 | 0.187 | 0.00058 | 0.00058 | 0.279 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 7.06 | 12.4 | 9.271 | 1.685 | -- | -- | 10.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 15.8 | 32 | 21.72 | 5.511 | -- | -- | 24.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 11 | 91 | 0.16 | 3300 | 467.7 | 1022 | 0.14 | 0.14 | 1719 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 4.04 | 1330 | 133.4 | 397 | -- | -- | 655.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | gt05lte10ft | naphthalene | mg/kg | 11 | 11 | 100 | 0.0017 | 5.7 | 1.142 | 1.663 | -- | -- | 4.528 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | pyrene | mg/kg | 9 | 11 | 82 | 0.0071 | 1 | 0.281 | 0.328 | 0.00049 | 0.033 | 0.648 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | toluene | µg/kg | 5 | 11 | 45 | 0.17 | 43 | 13.3 | 19.04 | 0.13 | 14 | 15.79 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 11 | 91 | 43 | 7900 | 3366 | 2728 | 4.8 | 4.8 | 4588 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 9 | 11 | 82 | 0.37 | 760 | 261.7 | 309 | 0.044 | 0.057 | 607.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 11 | 91 | 96 | 9300 | 4108 | 3450 | 7 | 7 | 5659 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 30.8 | 72.7 | 44.79 | 14.4 | -- | -- | 53.21 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 11 | 55 | 0.33 | 280 | 69.13 | 115.4 | 0.46 | 18 | 88.71 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 34.4 | 75.5 | 50.63 | 11.04 | -- | -- | 56.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 24 | 50 | 0.22 | 3.4 | 0.869 | 0.949 | 0.092 | 0.11 | 0.808 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 24 | 75 | 0.004 | 1.2 | 0.101 | 0.277 | 0.003 | 0.012 | 0.294 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 2.22 | 5.62 | 4.304 | 0.876 | -- | -- | 4.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte02ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00282 | 0.221 | 0.0528 | 0.069 | -- | -- | 0.114 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte02ft | benzene | µg/kg | 19 | 24 | 79 | 0.15 | 0.59 | 0.317 | 0.131 | 0.11 | 0.12 | 0.33 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 22 | 24 | 92 | 0.0045 | 0.26 | 0.0635 | 0.0801 | 0.0033 | 0.013 | 0.128 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 24 | 75 | 0.0079 | 0.17 | 0.05 | 0.0554 | 0.0025 | 0.0099 | 0.0853 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 5 | 24 | 21 | 0.0076 | 0.1 | 0.0595 | 0.0461 | 0.0018 | 0.007 | 0.09 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte02ft | cadmium | mg/kg | 15 | 24 | 63 | 0.0898 | 2.8 | 0.377 | 0.689 | 0.0883 | 0.0883 | 0.5 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte02ft | chrysene | mg/kg | 24 | 24 | 100 | 0.017 | 0.68 | 0.164 | 0.211 | -- | -- | 0.352 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 6.04 | 11.7 | 9.078 | 1.481 | -- | -- | 9.595 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte02ft | copper | mg/kg | 24 | 24 | 100 | 8.87 | 23.5 | 14.82 | 4.051 | -- | -- | 16.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte02ft | ethylbenzene | µg/kg | 7 | 24 | 29 | 0.14 | 4.8 | 0.881 | 1.73 | 0.12 | 0.18 | 0.931 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 24 | 21 | 0.01 | 0.05 | 0.0378 | 0.0175 | 0.0043 | 0.035 | 0.0483 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte02ft | lead | mg/kg | 24 | 24 | 100 | 3.95 | 14.9 | 8.303 | 3.21 | -- | -- | 9.49 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte02ft | naphthalene | mg/kg | 10 | 24 | 42 | 0.00032 | 0.24 | 0.0443 | 0.0717 | 0.00026 | 0.0004 | 0.0367 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte02ft | pyrene | mg/kg | 24 | 24 | 100 | 0.011 | 0.51 | 0.121 | 0.16 | -- | -- | 0.263 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte02ft | toluene | µg/kg | 15 | 24 | 63 | 0.14 | 0.57 | 0.314 | 0.144 | 0.12 | 0.15 | 0.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte02ft | tph as diesel | mg/kg | 24 | 24 | 100 | 10 | 2100 | 458.3 | 528.8 | -- | -- | 720.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte02ft | tph as gasoline | mg/kg | 13 | 24 | 54 | 0.057 | 0.89 | 0.274 | 0.245 | 0.048 | 0.06 | 0.249 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte02ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 63 | 3500 | 960 | 827.5 | -- | -- | 1374 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 20.8 | 38.7 | 30.62 | 4.391 | -- | -- | 32.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte02ft | xylenes, total | µg/kg | 9 | 24 | 38 | 0.23 | 0.92 | 0.599 | 0.228 | 0.16 | 0.25 | 0.615 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 27.8 | 81.5 | 43.59 | 13.5 | -- | -- | 48.35 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 23 | 40 | 58 | 0.14 | 16 | 3.29 | 4.774 | 0.092 | 0.58 | 4.681 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 8 | 40 | 20 | 0.01 | 1.6 | 0.386 | 0.574 | 0.0011 | 0.043 | 0.166 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 31 | 40 | 78 | 0.002 | 2.4 | 0.163 | 0.473 | 0.0024 | 0.012 | 0.418 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte05ft | arsenic | mg/kg | 40 | 40 | 100 | 2.22 | 16.9 | 5.179 | 2.519 | -- | -- | 5.789 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte05ft | bap teq | mg/kg | 40 | 40 | 100 | 0.00221 | 0.221 | 0.0481 | 0.0589 | -- | -- | 0.0836 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte05ft | benzene | µg/kg | 29 | 40 | 73 | 0.14 | 1.1 | 0.36 | 0.225 | 0.11 | 12 | 0.37 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 38 | 40 | 95 | 0.0016 | 0.26 | 0.0551 | 0.0665 | 0.0033 | 0.013 | 0.0979 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 32 | 40 | 80 | 0.0016 | 0.17 | 0.044 | 0.0468 | 0.002 | 0.0099 | 0.067 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 10 | 40 | 25 | 0.0014 | 0.1 | 0.0376 | 0.0396 | 0.0004 | 0.007 | 0.0173 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte05ft | cadmium | mg/kg | 21 | 40 | 53 | 0.0898 | 2.8 | 0.425 | 0.614 | 0.0883 | 0.0883 | 0.395 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte05ft | chrysene | mg/kg | 40 | 40 | 100 | 0.0038 | 0.68 | 0.153 | 0.182 | -- | -- | 0.265 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte05ft | cobalt | mg/kg | 40 | 40 | 100 | 5.7 | 13 | 9.274 | 1.816 | -- | -- | 9.758 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte05ft | copper | mg/kg | 40 | 40 | 100 | 8.53 | 26.1 | 15.31 | 4.705 | -- | -- | 16.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 40 | 15 | 0.0038 | 0.052 | 0.0217 | 0.019 | 0.00052 | 0.027 | 0.0119 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte05ft | ethylbenzene | µg/kg | 16 | 40 | 40 | 0.14 | 36 | 5.528 | 10.25 | 0.12 | 0.18 | 7.141 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 40 | 25 | 0.00074 | 0.05 | 0.0255 | 0.0187 | 0.0009 | 0.035 | 0.0172 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte05ft | lead | mg/kg | 40 | 40 | 100 | 3.28 | 22.4 | 8.01 | 3.709 | -- | -- | 8.974 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte05ft | naphthalene | mg/kg | 22 | 40 | 55 | 0.00032 | 0.67 | 0.084 | 0.19 | 0.00026 | 0.0074 | 0.148 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte05ft | pyrene | mg/kg | 40 | 40 | 100 | 0.0021 | 0.71 | 0.137 | 0.174 | -- | -- | 0.259 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24502 marbella ave | lte05ft | toluene | µg/kg | 22 | 40 | 55 | 0.12 | 0.57 | 0.297 | 0.132 | 0.12 | 14 | 0.273 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte05ft | tph as diesel | mg/kg | 39 | 40 | 98 | 10 | 4500 | 729.2 | 925.4 | 4.8 | 4.8 | 1346 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte05ft | tph as gasoline | mg/kg | 27 | 40 | 68 | 0.057 | 340 | 12.89 | 65.37 | 0.043 | 0.06 | 45.98 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte05ft | tph as motor oil | mg/kg | 39 | 40 | 98 | 63 | 6500 | 1291 | 1267 | 7 | 7 | 2133 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte05ft | vanadium | mg/kg | 40 | 40 | 100 | 18.7 | 44.4 | 31.52 | 6.1 | -- | -- | 33.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte05ft | xylenes, total | µg/kg | 18 | 40 | 45 | 0.21 | 81 | 5.56 | 18.87 | 0.16 | 18 | 6.71 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte05ft | zinc | mg/kg | 40 | 40 | 100 | 22.8 | 81.5 | 43.08 | 13.75 | -- | -- | 46.81 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 30 | 51 | 59 | 0.14 | 460 | 32.11 | 109.8 | 0.092 | 10 | 71.31 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 51 | 14 | 0.17 | 160 | 25.2 | 59.66 | 0.078 | 9 | 9.236 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 19 | 51 | 37 | 0.0014 | 7.2 | 1.293 | 1.842 | 0.0011 | 0.043 | 0.787 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 42 | 51 | 82 | 0.002 | 11 | 0.82 | 1.989 | 0.0024 | 0.012 | 1.794 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte10ft | arsenic | mg/kg | 51 | 51 | 100 | 2.22 | 16.9 | 5.62 | 2.678 | -- | -- | 6.229 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte10ft | bap teq | mg/kg | 50 | 51 | 98 | 0.00123 | 0.221 | 0.0465 | 0.0562 | 0.0004723 | 0.0004723 | 0.0798 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte10ft | benzene | µg/kg | 36 | 51 | 71 | 0.14 | 39 | 1.949 | 6.87 | 0.11 | 12 | 4.998 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 44 | 51 | 86 | 0.0016 | 0.27 | 0.0583 | 0.0717 | 0.00078 | 0.065 | 0.0934 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 36 | 51 | 71 | 0.0016 | 0.17 | 0.045 | 0.0459 | 0.00051 | 0.049 | 0.0594 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 51 | 24 | 0.0012 | 0.1 | 0.0325 | 0.0379 | 0.0004 | 0.035 | 0.014 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte10ft | bromomethane | µg/kg | 6 | 51 | 12 | 1.9 | 200 | 92.87 | 99.57 | 1.4 | 170 | 23.61 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 marbella ave | lte10ft | cadmium | mg/kg | 30 | 51 | 59 | 0.0898 | 2.8 | 0.544 | 0.616 | 0.0883 | 0.0883 | 0.485 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte10ft | chrysene | mg/kg | 50 | 51 | 98 | 0.0038 | 0.68 | 0.162 | 0.182 | 0.00058 | 0.00058 | 0.269 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte10ft | cobalt | mg/kg | 51 | 51 | 100 | 5.7 | 13 | 9.274 | 1.772 | -- | -- | 9.689 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte10ft | copper | mg/kg | 51 | 51 | 100 | 8.53 | 32 | 16.7 | 5.515 | -- | -- | 17.99 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 51 | 12 | 0.0038 | 0.052 | 0.0217 | 0.019 | 0.00052 | 0.067 | 0.0123 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 marbella ave | lte10ft | ethylbenzene | µg/kg | 26 | 51 | 51 | 0.14 | 3300 | 183.3 | 654.8 | 0.12 | 0.18 | 384.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 51 | 24 | 0.00074 | 0.05 | 0.0226 | 0.0182 | 0.00053 | 0.087 | 0.0104 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte10ft | lead | mg/kg | 51 | 51 | 100 | 3.28 | 1330 | 35.06 | 185 | -- | -- | 148 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte10ft | naphthalene | mg/kg | 33 | 51 | 65 | 0.00032 | 5.7 | 0.437 | 1.07 | 0.00026 | 0.0074 | 0.824 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte10ft | pyrene | mg/kg | 49 | 51 | 96 | 0.0021 | 1 | 0.163 | 0.214 | 0.00049 | 0.033 | 0.286 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 marbella ave | lte10ft | toluene | µg/kg | 27 | 51 | 53 | 0.12 | 43 | 2.706 | 9.07 | 0.12 | 14 | 5.616 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte10ft | tph as diesel | mg/kg | 49 | 51 | 96 | 10 | 7900 | 1267 | 1796 | 4.8 | 4.8 | 2303 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 marbella ave | lte10ft | tph as gasoline | mg/kg | 36 | 51 | 71 | 0.057 | 760 | 75.08 | 192.2 | 0.043 | 0.06 | 153.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte10ft | tph as motor oil | mg/kg | 49 | 51 | 96 | 63 | 9300 | 1865 | 2195 | 7 | 7 | 3126 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 marbella ave | lte10ft | vanadium | mg/kg | 51 | 51 | 100 | 18.7 | 72.7 | 34.38 | 10.05 | -- | -- | 36.8 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte10ft | xylenes, total | µg/kg | 24 | 51 | 47 | 0.21 | 280 | 21.45 | 62.86 | 0.16 | 18 | 37.38 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 marbella ave | lte10ft | zinc | mg/kg | 51 | 51 | 100 | 22.8 | 81.5 | 44.7 | 13.48 | -- | -- | 47.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 20 | 65 | 0.096 | 49 | 9.274 | 15.73 | 0.093 | 0.1 | 19.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 15 | 20 | 75 | 0.002 | 0.8 | 0.0734 | 0.202 | 0.0011 | 0.17 | 0.23 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 20 | 20 | 100 | 0.0008 | 0.75 | 0.0701 | 0.164 | -- | -- | 0.129 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | arsenic | mg/kg | 20 | 20 | 100 | 2.78 | 7.68 | 4.506 | 1.074 | -- | -- | 4.921 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00392 | 0.303 | 0.0616 | 0.0795 | -- | -- | 0.0967 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 20 | 20 | 100 | 0.0026 | 0.28 | 0.0573 | 0.0729 | -- | -- | 0.0912 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 20 | 20 | 100 | 0.003 | 0.22 | 0.0462 | 0.0575 | -- | -- | 0.0718 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 18 | 20 | 90 | 0.0014 | 0.18 | 0.029 | 0.0434 | 0.0004 | 0.0018 | 0.0673 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 20 | 50 | 0.0011 | 0.034 | 0.00776 | 0.0102 | 0.0011 | 0.18 | 0.0083 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0095 | 1 | 0.196 | 0.254 | -- | -- | 0.443 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | cobalt | mg/kg | 20 | 20 | 100 | 5.67 | 11.7 | 7.321 | 1.284 | -- | -- | 7.807 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | copper | mg/kg | 20 | 20 | 100 | 7.41 | 36 | 11.49 | 6.046 | -- | -- | 14.02 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 13 | 20 | 65 | 0.0008 | 0.049 | 0.00798 | 0.013 | 0.0007 | 0.11 | 0.0173 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 5 | 20 | 25 | 0.14 | 490 | 103.5 | 216.4 | 0.12 | 16 | 72.07 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 20 | 75 | 0.001 | 0.046 | 0.00863 | 0.0113 | 0.0009 | 0.14 | 0.0121 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | lead | mg/kg | 20 | 20 | 100 | 3.48 | 29.8 | 6.42 | 5.634 | -- | -- | 8.792 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | gt05lte10ft | naphthalene | mg/kg | 17 | 20 | 85 | 0.00046 | 1.1 | 0.0756 | 0.264 | 0.00026 | 0.15 | 0.304 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | pyrene | mg/kg | 20 | 20 | 100 | 0.021 | 2.4 | 0.299 | 0.529 | -- | -- | 0.504 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 20 | 20 | 100 | 7.9 | 23000 | 1413 | 5089 | -- | -- | 6373 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 17 | 20 | 85 | 0.12 | 230 | 39.53 | 70.47 | 0.048 | 0.051 | 98.51 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 13 | 35000 | 2129 | 7744 | -- | -- | 9677 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | gt05lte10ft | vanadium | mg/kg | 20 | 20 | 100 | 21.5 | 32.1 | 27.12 | 2.914 | -- | -- | 28.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 20 | 50 | 0.16 | 53 | 7.207 | 16.82 | 0.16 | 32 | 16.03 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | gt05lte10ft | zinc | mg/kg | 20 | 20 | 100 | 26.3 | 46.5 | 32.58 | 5.075 | -- | -- | 34.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24502 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 24 | 25 | 0.17 | 0.32 | 0.227 | 0.0638 | 0.089 | 0.11 | 0.208 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 12 | 24 | 50 | 0.0013 | 0.012 | 0.00418 | 0.00338 | 0.0011 | 0.0086 | 0.00423 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 22 | 24 | 92 | 0.0008 | 0.026 | 0.00786 | 0.00591 | 0.0024 | 0.003 | 0.0126 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 2.53 | 5.58 | 4.439 | 0.828 | -- | -- | 4.728 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte02ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00275 | 0.0513 | 0.0183 | 0.013 | -- | -- | 0.024 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | lte02ft | benzene | µg/kg | 6 | 24 | 25 | 0.12 | 0.22 | 0.163 | 0.0437 | 0.11 | 0.12 | 0.153 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 22 | 24 | 92 | 0.0019 | 0.029 | 0.0108 | 0.00738 | 0.0026 | 0.0033 | 0.0168 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 23 | 24 | 96 | 0.0022 | 0.043 | 0.0146 | 0.0106 | 0.0025 | 0.0025 | 0.0236 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 22 | 24 | 92 | 0.0017 | 0.024 | 0.00899 | 0.00664 | 0.0014 | 0.0018 | 0.0143 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 24 | 29 | 0.0022 | 0.0098 | 0.00499 | 0.0028 | 0.0011 | 0.009 | 0.00436 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte02ft | chrysene | mg/kg | 23 | 24 | 96 | 0.0064 | 0.15 | 0.0385 | 0.0332 | 0.0047 | 0.0047 | 0.0666 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 5.07 | 11.6 | 8.412 | 1.409 | -- | -- | 8.905 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte02ft | copper | mg/kg | 24 | 24 | 100 | 7.08 | 18.1 | 12.8 | 2.989 | -- | -- | 13.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 17 | 24 | 71 | 0.0008 | 0.0086 | 0.00425 | 0.00248 | 0.0007 | 0.0034 | 0.0043 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 24 | 92 | 0.0011 | 0.015 | 0.00584 | 0.00369 | 0.0035 | 0.0043 | 0.00684 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte02ft | lead | mg/kg | 24 | 24 | 100 | 3.11 | 21.3 | 7.039 | 3.903 | -- | -- | 8.472 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte02ft | naphthalene | mg/kg | 16 | 24 | 67 | 0.0021 | 0.027 | 0.00683 | 0.0066 | 0.00025 | 0.0003 | 0.00783 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte02ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0036 | 0.16 | 0.0258 | 0.0332 | -- | -- | 0.0371 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 neptune ave | lte02ft | toluene | µg/kg | 5 | 24 | 21 | 0.13 | 0.23 | 0.166 | 0.0404 | 0.11 | 0.14 | 0.16 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte02ft | tph as diesel | mg/kg | 24 | 24 | 100 | 11 | 850 | 148.8 | 214.7 | -- | -- | 339.8 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte02ft | tph as gasoline | mg/kg | 8 | 24 | 33 | 0.059 | 0.31 | 0.107 | 0.0862 | 0.045 | 0.053 | 0.0963 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte02ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 57 | 2300 | 397 | 569.4 | -- | -- | 620.8 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 22.2 | 32.6 | 27.52 | 3.148 | -- | -- | 28.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 24.4 | 48.1 | 35.81 | 5.174 | -- | -- | 37.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 38 | 26 | 0.17 | 16 | 1.801 | 4.989 | 0.089 | 0.11 | 1.45 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 20 | 38 | 53 | 0.0013 | 2 | 0.104 | 0.446 | 0.0011 | 0.0086 | 0.288 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 34 | 38 | 89 | 0.0007 | 0.88 | 0.0328 | 0.15 | 0.0006 | 0.003 | 0.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte05ft | arsenic | mg/kg | 38 | 38 | 100 | 2.44 | 5.58 | 4.225 | 0.85 | -- | -- | 4.457 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte05ft | bap teq | mg/kg | 36 | 38 | 95 | 0.000559 | 0.252 | 0.0209 | 0.0415 | 0.00053 | 0.00053 | 0.0486 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte05ft | benzene | µg/kg | 11 | 38 | 29 | 0.11 | 0.24 | 0.155 | 0.0466 | 0.1 | 0.12 | 0.137 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 33 | 38 | 87 | 0.0011 | 0.2 | 0.015 | 0.0339 | 0.0007 | 0.0033 | 0.0358 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 33 | 38 | 87 | 0.0018 | 0.19 | 0.0174 | 0.0325 | 0.0005 | 0.0025 | 0.0371 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 31 | 38 | 82 | 0.0009 | 0.097 | 0.0103 | 0.0173 | 0.0004 | 0.0018 | 0.0199 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 38 | 26 | 0.0013 | 0.058 | 0.00961 | 0.0172 | 0.0011 | 0.009 | 0.00622 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 38 | 13 | 0.24 | 0.52 | 0.402 | 0.114 | 0.22 | 0.22 | 0.457 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte05ft | chrysene | mg/kg | 35 | 38 | 92 | 0.0018 | 0.45 | 0.0431 | 0.0767 | 0.0012 | 0.0047 | 0.0925 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte05ft | cobalt | mg/kg | 38 | 38 | 100 | 4.33 | 11.6 | 7.633 | 1.625 | -- | -- | 8.078 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte05ft | copper | mg/kg | 38 | 38 | 100 | 6.33 | 18.1 | 11.07 | 3.329 | -- | -- | 12.03 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 23 | 38 | 61 | 0.0007 | 0.052 | 0.00572 | 0.0104 | 0.0007 | 0.0034 | 0.00641 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 29 | 38 | 76 | 0.0009 | 0.046 | 0.00648 | 0.00842 | 0.0009 | 0.0043 | 0.00772 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | lte05ft | lead | mg/kg | 38 | 38 | 100 | 2.55 | 21.3 | 5.917 | 3.503 | -- | -- | 6.918 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte05ft | naphthalene | mg/kg | 29 | 38 | 76 | 0.0012 | 0.088 | 0.00903 | 0.0164 | 0.00025 | 0.0003 | 0.0121 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte05ft | pyrene | mg/kg | 38 | 38 | 100 | 0.001 | 0.75 | 0.0415 | 0.121 | -- | -- | 0.0583 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte05ft | toluene | µg/kg | 5 | 38 | 13 | 0.13 | 0.23 | 0.166 | 0.0404 | 0.11 | 0.14 | 0.155 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte05ft | tph as diesel | mg/kg | 37 | 38 | 97 | 10 | 2200 | 169.4 | 387.6 | 4.8 | 4.8 | 436.3 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte05ft | tph as gasoline | mg/kg | 13 | 38 | 34 | 0.059 | 37 | 3.028 | 10.21 | 0.045 | 0.055 | 5.422 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte05ft | tph as motor oil | mg/kg | 37 | 38 | 97 | 19 | 2500 | 352.6 | 601.9 | 7 | 7 | 765.5 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte05ft | vanadium | mg/kg | 38 | 38 | 100 | 18.8 | 34.7 | 26.9 | 3.598 | -- | -- | 27.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte05ft | zinc | mg/kg | 38 | 38 | 100 | 24.4 | 48.1 | 32.93 | 5.772 | -- | -- | 34.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 23 | 58 | 40 | 0.096 | 49 | 6.025 | 12.63 | 0.089 | 0.11 | 7.305 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 35 | 58 | 60 | 0.0013 | 2 | 0.0911 | 0.358 | 0.0011 | 0.17 | 0.217 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 54 | 58 | 93 | 0.0007 | 0.88 | 0.0466 | 0.155 | 0.0006 | 0.003 | 0.129 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte10ft | arsenic | mg/kg | 58 | 58 | 100 | 2.44 | 7.68 | 4.322 | 0.934 | -- | -- | 4.527 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte10ft | bap teq | mg/kg | 56 | 58 | 97 | 0.000559 | 0.303 | 0.0355 | 0.0606 | 0.00053 | 0.00053 | 0.0685 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte10ft | benzene | µg/kg | 12 | 58 | 21 | 0.11 | 0.24 | 0.153 | 0.0456 | 0.1 | 20 | 0.132 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 53 | 58 | 91 | 0.0011 | 0.28 | 0.031 | 0.0555 | 0.0007 | 0.0033 | 0.0592 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 53 | 58 | 91 | 0.0018 | 0.22 | 0.0282 | 0.0453 | 0.0005 | 0.0025 | 0.0511 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 49 | 58 | 84 | 0.0009 | 0.18 | 0.0172 | 0.0306 | 0.0004 | 0.0018 | 0.0311 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 20 | 58 | 34 | 0.0011 | 0.058 | 0.00869 | 0.0138 | 0.0011 | 0.18 | 0.0059 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24502 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 58 | 12 | 0.066 | 0.52 | 0.337 | 0.158 | 0.22 | 0.22 | 0.33 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte10ft | chrysene | mg/kg | 55 | 58 | 95 | 0.0018 | 1 | 0.0986 | 0.178 | 0.0012 | 0.0047 | 0.194 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte10ft | cobalt | mg/kg | 58 | 58 | 100 | 4.33 | 11.7 | 7.525 | 1.512 | -- | -- | 7.857 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte10ft | copper | mg/kg | 58 | 58 | 100 | 6.33 | 36 | 11.21 | 4.407 | -- | -- | 12.07 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 36 | 58 | 62 | 0.0007 | 0.052 | 0.00653 | 0.0112 | 0.0007 | 0.11 | 0.00994 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte10ft | ethylbenzene | µg/kg | 6 | 58 | 10 | 0.14 | 490 | 86.62 | 197.9 | 0.12 | 16 | 24.43 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 44 | 58 | 76 | 0.0009 | 0.046 | 0.00721 | 0.00942 | 0.0009 | 0.14 | 0.0081 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte10ft | lead | mg/kg | 58 | 58 | 100 | 2.55 | 29.8 | 6.091 | 4.313 | -- | -- | 7.086 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte10ft | naphthalene | mg/kg | 46 | 58 | 79 | 0.00046 | 1.1 | 0.0336 | 0.161 | 0.00025 | 0.15 | 0.11 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte10ft | pyrene | mg/kg | 58 | 58 | 100 | 0.001 | 2.4 | 0.13 | 0.343 | -- | -- | 0.247 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte10ft | toluene | µg/kg | 6 | 58 | 10 | 0.12 | 0.23 | 0.158 | 0.0407 | 0.11 | 29 | 0.15 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte10ft | tph as diesel | mg/kg | 57 | 58 | 98 | 7.9 | 23000 | 605.8 | 3040 | 4.8 | 4.8 | 2321 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte10ft | tph as gasoline | mg/kg | 30 | 58 | 52 | 0.059 | 230 | 23.71 | 55.87 | 0.045 | 0.055 | 36.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte10ft | tph as motor oil | mg/kg | 57 | 58 | 98 | 13 | 35000 | 975.9 | 4617 | 7 | 7 | 3580 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 neptune ave | lte10ft | vanadium | mg/kg | 58 | 58 | 100 | 18.8 | 34.7 | 26.98 | 3.353 | -- | -- | 27.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 neptune ave | lte10ft | xylenes, total | µg/kg | 12 | 58 | 21 | 0.16 | 53 | 6.328 | 15.37 | 0.15 | 32 | 5.732 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 neptune ave | lte10ft | zinc | mg/kg | 58 | 58 | 100 | 24.4 | 48.1 | 32.81 | 5.499 | -- | -- | 34.03 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 panama ave | gt05lte10ft | arsenic | mg/kg | 11 | 13 | 85 | 0.555 | 4.77 | 2.243 | 1.188 | 0.398 | 0.398 | 2.609 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | gt05lte10ft | benzene | µg/kg | 11 | 13 | 85 | 0.64 | 5.4 | 3.113 | 1.443 | 0.12 | 0.13 | 3.549 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 1.27 | 6.78 | 4.085 | 1.515 | -- | -- | 4.833 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 1.53 | 6.12 | 3.818 | 1.253 | -- | -- | 4.437 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 11 | 13 | 85 | 0.15 | 0.88 | 0.552 | 0.252 | 0.13 | 0.15 | 0.627 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 0.311 | 2.86 | 1.512 | 0.745 | -- | -- | 1.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | gt05lte10ft | toluene | µg/kg | 11 | 13 | 85 | 0.15 | 0.91 | 0.615 | 0.242 | 0.13 | 0.15 | 0.691 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 5.57 | 22.1 | 14.26 | 4.632 | -- | -- | 16.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 5.57 | 30.9 | 18.43 | 6.772 | -- | -- | 21.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 23 | 22 | 0.0024 | 0.0039 | 0.00298 | 0.00068337 | 0.0011 | 0.0054 | 0.00294 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 23 | 39 | 0.0007 | 0.0096 | 0.00417 | 0.00283 | 0.0006 | 0.003 | 0.00395 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | antimony | mg/kg | 17 | 23 | 74 | 0.422 | 2.41 | 1.191 | 0.539 | 0.149 | 0.306 | 1.205 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | arsenic | mg/kg | 22 | 23 | 96 | 1.9 | 6.58 | 3.503 | 1.26 | 0.259 | 0.259 | 3.902 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte02ft | bap teq | mg/kg | 13 | 23 | 57 | 0.000565 | 0.0124 | 0.0037 | 0.00429 | 0.00053 | 0.00261 | 0.00563 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 panama ave | lte02ft | benzene | µg/kg | 9 | 23 | 39 | 0.13 | 0.62 | 0.218 | 0.157 | 0.11 | 0.15 | 0.203 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 23 | 52 | 0.0007 | 0.019 | 0.00457 | 0.00559 | 0.0007 | 0.0033 | 0.00443 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 23 | 39 | 0.0006 | 0.0084 | 0.0035 | 0.0031 | 0.0005 | 0.0025 | 0.00271 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 23 | 26 | 0.0006 | 0.006 | 0.00282 | 0.00238 | 0.0004 | 0.0018 | 0.00204 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | chromium, hexavalent | mg/kg | 7 | 22 | 32 | 0.24 | 0.44 | 0.319 | 0.0682 | 0.22 | 0.22 | 0.306 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | chrysene | mg/kg | 6 | 23 | 26 | 0.0041 | 0.045 | 0.0182 | 0.0143 | 0.0012 | 0.0059 | 0.0179 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | cobalt | mg/kg | 23 | 23 | 100 | 6.68 | 12.7 | 8.45 | 1.475 | -- | -- | 8.983 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte02ft | copper | mg/kg | 23 | 23 | 100 | 6.43 | 11.9 | 8.754 | 1.707 | -- | -- | 9.365 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | lead | mg/kg | 23 | 23 | 100 | 4.1 | 12.5 | 6.648 | 2.185 | -- | -- | 7.444 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte02ft | naphthalene | mg/kg | 6 | 23 | 26 | 0.0006 | 0.007 | 0.00245 | 0.00237 | 0.00026 | 0.00037 | 0.00162 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte02ft | pyrene | mg/kg | 12 | 23 | 52 | 0.0009 | 0.023 | 0.00688 | 0.00722 | 0.0008 | 0.0008 | 0.0062 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte02ft | toluene | µg/kg | 11 | 23 | 48 | 0.13 | 0.38 | 0.23 | 0.0721 | 0.12 | 0.45 | 0.224 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | tph as gasoline | mg/kg | 15 | 23 | 65 | 0.048 | 0.2 | 0.11 | 0.045 | 0.048 | 0.061 | 0.107 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | tph as motor oil | mg/kg | 5 | 23 | 22 | 9.2 | 170 | 51.64 | 67.28 | 7 | 7 | 31.66 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte02ft | vanadium | mg/kg | 23 | 23 | 100 | 22.5 | 40.8 | 30.8 | 5.196 | -- | -- | 32.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte02ft | zinc | mg/kg | 23 | 23 | 100 | 21.1 | 41 | 28.85 | 4.822 | -- | -- | 30.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 35 | 17 | 0.002 | 0.0039 | 0.00282 | 0.00073052 | 0.0011 | 0.0054 | 0.00264 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 11 | 35 | 31 | 0.0006 | 0.0096 | 0.00379 | 0.00275 | 0.0006 | 0.003 | 0.00247 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | antimony | mg/kg | 26 | 35 | 74 | 0.402 | 3.35 | 1.297 | 0.651 | 0.149 | 0.306 | 1.269 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte05ft | arsenic | mg/kg | 34 | 35 | 97 | 1.9 | 6.85 | 3.977 | 1.357 | 0.259 | 0.259 | 4.313 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | bap teq | mg/kg | 15 | 35 | 43 | 0.000565 | 0.0124 | 0.00329 | 0.00412 | 0.00053 | 0.00261 | 0.00261 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 panama ave | lte05ft | benzene | µg/kg | 10 | 35 | 29 | 0.13 | 0.62 | 0.213 | 0.149 | 0.1 | 0.15 | 0.184 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 14 | 35 | 40 | 0.0007 | 0.019 | 0.00404 | 0.00532 | 0.0007 | 0.0033 | 0.00324 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 9 | 35 | 26 | 0.0006 | 0.0084 | 0.0035 | 0.0031 | 0.0005 | 0.0025 | 0.00212 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 6 | 35 | 17 | 0.0006 | 0.006 | 0.00282 | 0.00238 | 0.0004 | 0.0018 | 0.00173 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | chromium, hexavalent | mg/kg | 12 | 34 | 35 | 0.17 | 0.44 | 0.304 | 0.074 | 0.22 | 0.22 | 0.284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | chrysene | mg/kg | 6 | 35 | 17 | 0.0041 | 0.045 | 0.0182 | 0.0143 | 0.0012 | 0.0059 | 0.0163 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | cobalt | mg/kg | 35 | 35 | 100 | 6.51 | 12.7 | 8.289 | 1.425 | -- | -- | 8.696 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24502 panama ave | lte05ft | copper | mg/kg | 35 | 35 | 100 | 6.43 | 16.9 | 8.893 | 2.047 | -- | -- | 9.463 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte05ft | lead | mg/kg | 35 | 35 | 100 | 3.89 | 12.5 | 6.261 | 2.079 | -- | -- | 6.868 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24502 panama ave | lte05ft | naphthalene | mg/kg | 6 | 35 | 17 | 0.0006 | 0.007 | 0.00245 | 0.00237 | 0.00025 | 0.00037 | 0.00127 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte05ft | pyrene | mg/kg | 13 | 35 | 37 | 0.0009 | 0.023 | 0.00643 | 0.0071 | 0.0008 | 0.0008 | 0.00442 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte05ft | toluene | µg/kg | 15 | 35 | 43 | 0.13 | 0.38 | 0.223 | 0.0713 | 0.12 | 0.45 | 0.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | tph as gasoline | mg/kg | 15 | 35 | 43 | 0.048 | 0.2 | 0.11 | 0.045 | 0.046 | 0.061 | 0.0927 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | tph as motor oil | mg/kg | 5 | 35 | 14 | 9.2 | 170 | 51.64 | 67.28 | 7 | 7 | 23.94 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte05ft | vanadium | mg/kg | 35 | 35 | 100 | 22.5 | 49.2 | 31.95 | 5.5 | -- | -- | 33.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte05ft | zinc | mg/kg | 35 | 35 | 100 | 21.1 | 47.2 | 30.69 | 5.521 | -- | -- | 32.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 48 | 15 | 0.002 | 0.0053 | 0.00317 | 0.00115 | 0.0011 | 0.0054 | 0.00268 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 13 | 48 | 27 | 0.0006 | 0.01 | 0.00404 | 0.00319 | 0.0006 | 0.003 | 0.00226 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | antimony | mg/kg | 29 | 48 | 60 | 0.402 | 3.35 | 1.238 | 0.65 | 0.149 | 0.306 | 1.073 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte10ft | arsenic | mg/kg | 45 | 48 | 94 | 0.555 | 6.85 | 3.553 | 1.506 | 0.259 | 0.398 | 3.761 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | bap teq | mg/kg | 15 | 48 | 31 | 0.000565 | 0.0124 | 0.00329 | 0.00412 | 0.00053 | 0.00261 | 0.00211 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 panama ave | lte10ft | benzene | µg/kg | 21 | 48 | 44 | 0.13 | 5.4 | 1.732 | 1.804 | 0.1 | 0.15 | 1.183 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 14 | 48 | 29 | 0.0007 | 0.019 | 0.00404 | 0.00532 | 0.0007 | 0.0033 | 0.00259 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 9 | 48 | 19 | 0.0006 | 0.0084 | 0.0035 | 0.0031 | 0.0005 | 0.0025 | 0.00178 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 48 | 13 | 0.0006 | 0.006 | 0.00282 | 0.00238 | 0.0004 | 0.0018 | 0.00152 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | chromium, hexavalent | mg/kg | 14 | 47 | 30 | 0.047 | 0.44 | 0.27 | 0.111 | 0.22 | 0.22 | 0.223 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | chrysene | mg/kg | 6 | 48 | 13 | 0.0041 | 0.045 | 0.0182 | 0.0143 | 0.0012 | 0.0059 | 0.018 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | cobalt | mg/kg | 48 | 48 | 100 | 1.27 | 12.7 | 7.15 | 2.371 | -- | -- | 7.725 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | copper | mg/kg | 48 | 48 | 100 | 1.53 | 16.9 | 7.519 | 2.937 | -- | -- | 8.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | ethylbenzene | µg/kg | 11 | 48 | 23 | 0.15 | 0.88 | 0.552 | 0.252 | 0.12 | 0.18 | 0.426 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | lead | mg/kg | 48 | 48 | 100 | 0.311 | 12.5 | 4.975 | 2.796 | -- | -- | 5.652 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | naphthalene | mg/kg | 7 | 48 | 15 | 0.0006 | 0.007 | 0.00276 | 0.00231 | 0.00025 | 0.00037 | 0.0017 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | pyrene | mg/kg | 15 | 48 | 31 | 0.0009 | 0.023 | 0.006 | 0.00672 | 0.0008 | 0.0008 | 0.00358 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte10ft | toluene | µg/kg | 26 | 48 | 54 | 0.13 | 0.91 | 0.389 | 0.255 | 0.12 | 0.45 | 0.33 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 panama ave | lte10ft | tph as gasoline | mg/kg | 16 | 48 | 33 | 0.048 | 0.2 | 0.107 | 0.0452 | 0.046 | 0.064 | 0.0816 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | tph as motor oil | mg/kg | 5 | 48 | 10 | 9.2 | 170 | 51.64 | 67.28 | 7 | 7 | 19.94 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 panama ave | lte10ft | vanadium | mg/kg | 48 | 48 | 100 | 5.57 | 49.2 | 27.16 | 9.512 | -- | -- | 29.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 panama ave | lte10ft | zinc | mg/kg | 48 | 48 | 100 | 5.57 | 47.2 | 27.37 | 8.005 | -- | -- | 29.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 9 | 89 | 0.15 | 680 | 109.9 | 232.2 | 11 | 11 | 420.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 9 | 89 | 0.0088 | 0.27 | 0.121 | 0.0924 | 0.0054 | 0.0054 | 0.168 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 9 | 100 | 0.0068 | 0.42 | 0.181 | 0.134 | -- | -- | 0.264 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 2.29 | 6.41 | 3.836 | 1.547 | -- | -- | 4.942 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | bap teq | mg/kg | 9 | 9 | 100 | 0.00308 | 0.0659 | 0.033 | 0.0244 | -- | -- | 0.0481 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | benzene | µg/kg | 7 | 9 | 78 | 0.23 | 44 | 17.64 | 18.18 | 12 | 12 | 24.9 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 9 | 100 | 0.0055 | 0.074 | 0.0373 | 0.0243 | -- | -- | 0.0523 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 9 | 78 | 0.012 | 0.05 | 0.0307 | 0.0163 | 0.0025 | 0.0049 | 0.0369 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 9 | 56 | 0.0061 | 0.032 | 0.0186 | 0.0116 | 0.0014 | 0.007 | 0.0217 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | chrysene | mg/kg | 9 | 9 | 100 | 0.012 | 0.29 | 0.131 | 0.0922 | -- | -- | 0.188 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 8.66 | 12.3 | 9.892 | 1.137 | -- | -- | 10.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 13.4 | 16.1 | 14.39 | 0.834 | -- | -- | 14.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 9 | 9 | 100 | 0.35 | 440 | 157.1 | 145.2 | -- | -- | 247.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 7.15 | 19.7 | 10.1 | 3.885 | -- | -- | 12.67 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 9 | 9 | 100 | 0.027 | 0.84 | 0.316 | 0.271 | -- | -- | 0.484 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | pyrene | mg/kg | 9 | 9 | 100 | 0.015 | 0.34 | 0.148 | 0.111 | -- | -- | 0.216 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 9 | 100 | 97 | 1600 | 410.8 | 470.3 | -- | -- | 791.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 9 | 9 | 100 | 0.53 | 250 | 78.18 | 98.83 | -- | -- | 250 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 9 | 100 | 140 | 2200 | 604.4 | 632.4 | -- | -- | 1104 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 31.5 | 36.1 | 34.18 | 1.785 | -- | -- | 35.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 9 | 67 | 0.23 | 230 | 43.55 | 91.75 | 17 | 18 | 80.53 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 33.5 | 53 | 42.1 | 6.477 | -- | -- | 46.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 18 | 72 | 0.002 | 0.017 | 0.00798 | 0.00488 | 0.003 | 0.024 | 0.00893 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 2.16 | 5.61 | 3.501 | 1.182 | -- | -- | 3.996 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00264 | 0.158 | 0.0451 | 0.0458 | -- | -- | 0.0712 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 18 | 94 | 0.0039 | 0.082 | 0.025 | 0.022 | 0.0033 | 0.0033 | 0.0464 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 18 | 94 | 0.0045 | 0.15 | 0.0404 | 0.0419 | 0.0025 | 0.0025 | 0.0812 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 18 | 72 | 0.0014 | 0.04 | 0.0138 | 0.0111 | 0.0007 | 0.007 | 0.0153 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24502 ravenna ave | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.0064 | 0.26 | 0.0711 | 0.0745 | -- | -- | 0.108 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 6.92 | 9.71 | 8.023 | 0.781 | -- | -- | 8.343 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 8.32 | 19 | 11.78 | 3.017 | -- | -- | 13.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 18 | 61 | 0.0025 | 0.038 | 0.0137 | 0.0121 | 0.0017 | 0.035 | 0.0144 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 6.54 | 33 | 11.91 | 6.987 | -- | -- | 14.93 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte02ft | naphthalene | mg/kg | 6 | 18 | 33 | 0.0025 | 0.015 | 0.00733 | 0.00527 | 0.00024 | 0.00029 | 0.00643 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte02ft | pyrene | mg/kg | 17 | 18 | 94 | 0.0039 | 0.61 | 0.0885 | 0.156 | 0.0041 | 0.0041 | 0.241 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 ravenna ave | lte02ft | tph as diesel | mg/kg | 18 | 18 | 100 | 42 | 1100 | 317.2 | 290.7 | -- | -- | 475.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte02ft | tph as gasoline | mg/kg | 7 | 18 | 39 | 0.05 | 0.47 | 0.147 | 0.145 | 0.047 | 0.055 | 0.147 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 ravenna ave | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 100 | 2500 | 767.8 | 645.1 | -- | -- | 1115 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 27.4 | 34.1 | 29.94 | 1.957 | -- | -- | 30.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 30 | 65.1 | 37.98 | 9.751 | -- | -- | 42.17 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 35 | 29 | 0.0014 | 21 | 5.43 | 8.677 | 0.0011 | 0.043 | 3.07 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 24 | 35 | 69 | 0.0009 | 37 | 3.538 | 9.731 | 0.0006 | 0.024 | 8.491 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte05ft | arsenic | mg/kg | 35 | 35 | 100 | 1.73 | 8.79 | 3.303 | 1.467 | -- | -- | 3.736 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte05ft | bap teq | mg/kg | 34 | 35 | 97 | 0.000732 | 0.489 | 0.0841 | 0.128 | 0.00053 | 0.00053 | 0.175 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte05ft | benzene | µg/kg | 7 | 35 | 20 | 0.12 | 1500 | 292.7 | 557.2 | 0.1 | 12 | 138.5 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 33 | 35 | 94 | 0.0015 | 0.71 | 0.107 | 0.214 | 0.0007 | 0.0033 | 0.255 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 29 | 35 | 83 | 0.0013 | 0.35 | 0.0646 | 0.0973 | 0.0005 | 0.2 | 0.123 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 21 | 35 | 60 | 0.0007 | 0.11 | 0.0194 | 0.0259 | 0.0004 | 0.14 | 0.021 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 35 | 14 | 0.0016 | 0.066 | 0.0166 | 0.0277 | 0.0011 | 0.26 | 0.0117 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 35 | 17 | 0.22 | 0.68 | 0.393 | 0.158 | 0.22 | 0.22 | 0.369 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte05ft | chrysene | mg/kg | 34 | 35 | 97 | 0.0049 | 1.2 | 0.203 | 0.356 | 0.0012 | 0.0012 | 0.457 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 ravenna ave | lte05ft | cobalt | mg/kg | 35 | 35 | 100 | 5.86 | 10.8 | 7.863 | 0.969 | -- | -- | 8.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte05ft | copper | mg/kg | 35 | 35 | 100 | 6.99 | 19 | 10.59 | 2.636 | -- | -- | 11.33 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 35 | 17 | 0.0024 | 0.043 | 0.0115 | 0.0156 | 0.0007 | 0.27 | 0.00653 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 35 | 49 | 0.0013 | 0.057 | 0.0152 | 0.0165 | 0.0009 | 0.35 | 0.0131 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte05ft | lead | mg/kg | 35 | 35 | 100 | 4.18 | 33 | 9.482 | 6.135 | -- | -- | 11.31 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte05ft | naphthalene | mg/kg | 18 | 35 | 51 | 0.00029 | 12 | 1.758 | 3.896 | 0.00024 | 0.00029 | 3.068 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte05ft | pyrene | mg/kg | 34 | 35 | 97 | 0.0017 | 3.7 | 0.491 | 1.081 | 0.0041 | 0.0041 | 1.264 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte05ft | tph as diesel | mg/kg | 33 | 35 | 94 | 11 | 17000 | 1668 | 3937 | 4.8 | 4.8 | 4405 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 ravenna ave | lte05ft | tph as gasoline | mg/kg | 20 | 35 | 57 | 0.05 | 1700 | 199.3 | 463 | 0.047 | 0.055 | 382.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte05ft | tph as motor oil | mg/kg | 33 | 35 | 94 | 36 | 16000 | 2004 | 3781 | 7 | 7 | 4618 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 ravenna ave | lte05ft | vanadium | mg/kg | 35 | 35 | 100 | 22.9 | 34.6 | 29.97 | 2.701 | -- | -- | 30.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte05ft | zinc | mg/kg | 35 | 35 | 100 | 23 | 65.1 | 34.61 | 8.329 | -- | -- | 37.08 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 44 | 25 | 0.15 | 20000 | 2870 | 6406 | 0.087 | 11 | 1594 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 18 | 44 | 41 | 0.0014 | 21 | 3.071 | 6.872 | 0.0011 | 0.043 | 4.321 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 33 | 44 | 75 | 0.0009 | 37 | 2.622 | 8.389 | 0.0006 | 0.024 | 6.801 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte10ft | arsenic | mg/kg | 44 | 44 | 100 | 1.73 | 8.79 | 3.412 | 1.481 | -- | -- | 3.797 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte10ft | bap teq | mg/kg | 43 | 44 | 98 | 0.000732 | 0.489 | 0.0734 | 0.116 | 0.00053 | 0.00053 | 0.147 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 ravenna ave | lte10ft | benzene | µg/kg | 14 | 44 | 32 | 0.12 | 1500 | 155.2 | 404.7 | 0.1 | 12 | 110.3 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 42 | 44 | 95 | 0.0015 | 0.71 | 0.0918 | 0.191 | 0.0007 | 0.0033 | 0.211 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 36 | 44 | 82 | 0.0013 | 0.35 | 0.058 | 0.0884 | 0.0005 | 0.2 | 0.104 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24502 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 26 | 44 | 59 | 0.0007 | 0.11 | 0.0192 | 0.0236 | 0.0004 | 0.14 | 0.0188 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 44 | 14 | 0.0016 | 0.066 | 0.0162 | 0.0248 | 0.0011 | 0.26 | 0.00692 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 44 | 16 | 0.22 | 0.68 | 0.4 | 0.145 | 0.22 | 0.22 | 0.369 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte10ft | chrysene | mg/kg | 43 | 44 | 98 | 0.0049 | 1.2 | 0.188 | 0.32 | 0.0012 | 0.0012 | 0.392 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 ravenna ave | lte10ft | cobalt | mg/kg | 44 | 44 | 100 | 5.86 | 12.3 | 8.278 | 1.291 | -- | -- | 8.605 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte10ft | copper | mg/kg | 44 | 44 | 100 | 6.99 | 19 | 11.37 | 2.832 | -- | -- | 12.11 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 44 | 16 | 0.0024 | 0.043 | 0.0114 | 0.0142 | 0.0007 | 0.27 | 0.00591 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte10ft | ethylbenzene | µg/kg | 13 | 44 | 30 | 0.16 | 5800 | 1016 | 1805 | 0.12 | 14 | 577.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 44 | 43 | 0.0013 | 0.057 | 0.0145 | 0.0158 | 0.0009 | 0.35 | 0.0111 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte10ft | lead | mg/kg | 44 | 44 | 100 | 4.18 | 33 | 9.609 | 5.712 | -- | -- | 11.11 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte10ft | naphthalene | mg/kg | 27 | 44 | 61 | 0.00029 | 12 | 1.277 | 3.229 | 0.00024 | 0.00029 | 2.498 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 ravenna ave | lte10ft | pyrene | mg/kg | 43 | 44 | 98 | 0.0017 | 3.7 | 0.419 | 0.969 | 0.0041 | 0.0041 | 1.041 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24502 ravenna ave | lte10ft | toluene | µg/kg | 6 | 44 | 14 | 0.13 | 0.37 | 0.193 | 0.09 | 0.11 | 24 | 0.154 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte10ft | tph as diesel | mg/kg | 42 | 44 | 95 | 11 | 17000 | 1399 | 3523 | 4.8 | 4.8 | 3606 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte10ft | tph as gasoline | mg/kg | 29 | 44 | 66 | 0.05 | 1700 | 161.7 | 389.3 | 0.047 | 0.055 | 320.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24502 ravenna ave | lte10ft | tph as motor oil | mg/kg | 42 | 44 | 95 | 36 | 16000 | 1704 | 3402 | 7 | 7 | 3824 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24502 ravenna ave | lte10ft | vanadium | mg/kg | 44 | 44 | 100 | 22.9 | 36.1 | 30.83 | 3.05 | -- | -- | 31.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24502 ravenna ave | lte10ft | xylenes, total | µg/kg | 10 | 44 | 23 | 0.18 | 7800 | 965.1 | 2435 | 0.15 | 18 | 532.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24502 ravenna ave | lte10ft | zinc | mg/kg | 44 | 44 | 100 | 23 | 65.1 | 36.14 | 8.485 | -- | -- | 38.23 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte02ft | arsenic | mg/kg | 15 | 15 | 100 | 4.54 | 9.4 | 6.882 | 1.12 | -- | -- | 7.391 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte02ft | bap teq | mg/kg | 14 | 15 | 93 | 0.000538 | 0.0187 | 0.00502 | 0.00496 | 0.00053 | 0.00053 | 0.0103 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte02ft | benzene | µg/kg | 10 | 15 | 67 | 0.1 | 0.37 | 0.195 | 0.0868 | 0.1 | 0.12 | 0.204 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 15 | 80 | 0.0007 | 0.011 | 0.0042 | 0.00335 | 0.0007 | 0.0033 | 0.00504 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 15 | 73 | 0.0009 | 0.015 | 0.00453 | 0.00409 | 0.0005 | 0.0025 | 0.00534 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 15 | 67 | 0.0009 | 0.0055 | 0.00254 | 0.00149 | 0.0004 | 0.0018 | 0.00269 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte02ft | chrysene | mg/kg | 11 | 15 | 73 | 0.0014 | 0.026 | 0.0109 | 0.00878 | 0.0012 | 0.0059 | 0.0124 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte02ft | cobalt | mg/kg | 15 | 15 | 100 | 9.36 | 14.4 | 11.59 | 1.524 | -- | -- | 12.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte02ft | copper | mg/kg | 15 | 15 | 100 | 13 | 29.8 | 21.1 | 4.732 | -- | -- | 23.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 15 | 40 | 0.001 | 0.0052 | 0.00198 | 0.00165 | 0.0009 | 0.0043 | 0.00199 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte02ft | lead | mg/kg | 15 | 15 | 100 | 5.83 | 19 | 8.849 | 3.296 | -- | -- | 10.3 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte02ft | naphthalene | mg/kg | 7 | 15 | 47 | 0.0011 | 0.024 | 0.00767 | 0.00944 | 0.00025 | 0.00033 | 0.00751 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte02ft | pyrene | mg/kg | 14 | 15 | 93 | 0.0019 | 0.11 | 0.0133 | 0.028 | 0.0008 | 0.0008 | 0.0432 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 marbella ave | lte02ft | tetrachloroethene | µg/kg | 8 | 15 | 53 | 0.39 | 7.8 | 2.791 | 2.73 | 0.13 | 0.15 | 2.753 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte02ft | toluene | µg/kg | 6 | 15 | 40 | 0.15 | 0.95 | 0.348 | 0.311 | 0.12 | 0.15 | 0.331 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte02ft | tph as diesel | mg/kg | 11 | 15 | 73 | 5.5 | 200 | 49.05 | 59.59 | 4.8 | 4.8 | 99.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte02ft | tph as motor oil | mg/kg | 11 | 15 | 73 | 9.4 | 540 | 129.1 | 160.4 | 7 | 7 | 263.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte02ft | vanadium | mg/kg | 15 | 15 | 100 | 28.9 | 48.9 | 39.75 | 5.397 | -- | -- | 42.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte02ft | zinc | mg/kg | 15 | 15 | 100 | 32.4 | 67.8 | 47.17 | 10.28 | -- | -- | 51.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 6 | 22 | 27 | 0.0007 | 0.0027 | 0.00168 | 0.00084004 | 0.0006 | 0.003 | 0.00163 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 4.54 | 9.4 | 6.666 | 1.274 | -- | -- | 7.134 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte05ft | bap teq | mg/kg | 16 | 22 | 73 | 0.000538 | 0.0187 | 0.00446 | 0.00486 | 0.00053 | 0.00053 | 0.0076 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte05ft | benzene | µg/kg | 13 | 22 | 59 | 0.1 | 0.71 | 0.233 | 0.162 | 0.1 | 0.12 | 0.237 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 22 | 59 | 0.0007 | 0.011 | 0.00393 | 0.00335 | 0.0007 | 0.0033 | 0.00374 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 11 | 22 | 50 | 0.0009 | 0.015 | 0.00453 | 0.00409 | 0.0005 | 0.0025 | 0.00399 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 10 | 22 | 45 | 0.0009 | 0.0055 | 0.00254 | 0.00149 | 0.0004 | 0.0018 | 0.00219 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte05ft | chrysene | mg/kg | 12 | 22 | 55 | 0.0014 | 0.026 | 0.0102 | 0.00878 | 0.0012 | 0.0059 | 0.00921 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 9.36 | 14.4 | 11.77 | 1.416 | -- | -- | 12.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 13 | 29.8 | 20.19 | 4.13 | -- | -- | 21.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 22 | 27 | 0.001 | 0.0052 | 0.00198 | 0.00165 | 0.0009 | 0.0043 | 0.00166 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 5.83 | 19 | 8.34 | 2.823 | -- | -- | 9.437 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 marbella ave | lte05ft | naphthalene | mg/kg | 12 | 22 | 55 | 0.0011 | 0.024 | 0.00739 | 0.00872 | 0.00025 | 0.00033 | 0.0112 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 marbella ave | lte05ft | pyrene | mg/kg | 17 | 22 | 77 | 0.0009 | 0.11 | 0.0113 | 0.0256 | 0.0008 | 0.0008 | 0.0303 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 marbella ave | lte05ft | tetrachloroethene | µg/kg | 12 | 22 | 55 | 0.39 | 8.3 | 3.128 | 2.804 | 0.13 | 0.15 | 2.805 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte05ft | toluene | µg/kg | 6 | 22 | 27 | 0.15 | 0.95 | 0.348 | 0.311 | 0.12 | 0.15 | 0.273 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte05ft | tph as diesel | mg/kg | 12 | 22 | 55 | 5.5 | 200 | 52.96 | 58.41 | 4.8 | 4.8 | 51.84 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte05ft | tph as motor oil | mg/kg | 12 | 22 | 55 | 9.4 | 540 | 131.7 | 153.2 | 7 | 7 | 137.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 28.9 | 48.9 | 39.23 | 4.962 | -- | -- | 41.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 32.2 | 67.8 | 43.6 | 10.02 | -- | -- | 47.37 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 7 | 29 | 24 | 0.0007 | 0.0035 | 0.00194 | 0.00103 | 0.0006 | 0.003 | 0.00165 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte10ft | arsenic | mg/kg | 29 | 29 | 100 | 3.34 | 9.4 | 6.445 | 1.502 | -- | -- | 6.919 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte10ft | bap teq | mg/kg | 16 | 29 | 55 | 0.000538 | 0.0187 | 0.00446 | 0.00486 | 0.00053 | 0.00053 | 0.00408 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte10ft | benzene | µg/kg | 14 | 29 | 48 | 0.1 | 0.71 | 0.233 | 0.156 | 0.1 | 0.12 | 0.205 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 13 | 29 | 45 | 0.0007 | 0.011 | 0.00393 | 0.00335 | 0.0007 | 0.0033 | 0.00304 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 11 | 29 | 38 | 0.0009 | 0.015 | 0.00453 | 0.00409 | 0.0005 | 0.0025 | 0.00327 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 29 | 34 | 0.0009 | 0.0055 | 0.00254 | 0.00149 | 0.0004 | 0.0018 | 0.00192 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte10ft | chrysene | mg/kg | 12 | 29 | 41 | 0.0014 | 0.026 | 0.0102 | 0.00878 | 0.0012 | 0.0059 | 0.00765 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte10ft | cobalt | mg/kg | 29 | 29 | 100 | 9.36 | 24.9 | 12.66 | 3.494 | -- | -- | 13.81 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 marbella ave | lte10ft | copper | mg/kg | 29 | 29 | 100 | 13 | 46 | 21.02 | 6.063 | -- | -- | 23.03 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 29 | 21 | 0.001 | 0.0052 | 0.00198 | 0.00165 | 0.0009 | 0.0043 | 0.00149 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte10ft | lead | mg/kg | 29 | 29 | 100 | 5.83 | 19 | 8.593 | 2.631 | -- | -- | 9.462 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 marbella ave | lte10ft | naphthalene | mg/kg | 14 | 29 | 48 | 0.0011 | 0.037 | 0.00911 | 0.0114 | 0.00025 | 0.00033 | 0.00812 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 marbella ave | lte10ft | pyrene | mg/kg | 19 | 29 | 66 | 0.0009 | 0.11 | 0.0103 | 0.0244 | 0.0008 | 0.0008 | 0.0234 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 marbella ave | lte10ft | tetrachloroethene | µg/kg | 16 | 29 | 55 | 0.39 | 8.3 | 2.576 | 2.611 | 0.13 | 0.15 | 2.304 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte10ft | toluene | µg/kg | 6 | 29 | 21 | 0.15 | 0.95 | 0.348 | 0.311 | 0.12 | 0.15 | 0.244 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 marbella ave | lte10ft | tph as diesel | mg/kg | 13 | 29 | 45 | 5.5 | 200 | 49.73 | 57.13 | 4.8 | 4.8 | 39.41 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24503 marbella ave | lte10ft | tph as motor oil | mg/kg | 14 | 29 | 48 | 9.4 | 540 | 116.7 | 146 | 7 | 7 | 97.78 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 marbella ave | lte10ft | vanadium | mg/kg | 29 | 29 | 100 | 28.9 | 48.9 | 40.54 | 5.159 | -- | -- | 42.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 marbella ave | lte10ft | zinc | mg/kg | 29 | 29 | 100 | 32.2 | 76.9 | 44.41 | 11.05 | -- | -- | 47.98 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 23 | 61 | 0.28 | 1700 | 225.5 | 486.9 | 0.091 | 48 | 498.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 23 | 39 | 0.088 | 1600 | 203.4 | 527.8 | 0.076 | 45 | 204 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 21 | 23 | 91 | 0.0015 | 5.5 | 1.957 | 1.98 | 0.0011 | 0.021 | 3.582 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 23 | 23 | 100 | 0.0014 | 8.4 | 2.634 | 2.922 | -- | -- | 5.223 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | antimony | mg/kg | 6 | 23 | 26 | 0.516 | 1.14 | 0.788 | 0.27 | 0.149 | 0.306 | 0.728 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | arsenic | mg/kg | 23 | 23 | 100 | 3.44 | 35.5 | 8.869 | 6.427 | -- | -- | 10.89 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | bap teq | mg/kg | 21 | 23 | 91 | 0.00673 | 0.241 | 0.0992 | 0.0706 | 0.0187 | 0.0931 | 0.119 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | benzene | µg/kg | 14 | 23 | 61 | 0.2 | 130 | 19.93 | 39.15 | 0.11 | 11 | 41.86 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 20 | 23 | 87 | 0.0082 | 0.29 | 0.118 | 0.0884 | 0.0065 | 0.16 | 0.138 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 21 | 23 | 91 | 0.0046 | 0.19 | 0.075 | 0.054 | 0.02 | 0.1 | 0.0902 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 23 | 70 | 0.0027 | 0.078 | 0.0343 | 0.0232 | 0.0035 | 0.1 | 0.0361 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | cadmium | mg/kg | 5 | 23 | 22 | 0.112 | 0.721 | 0.529 | 0.246 | 0.0883 | 0.0883 | 0.643 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | chrysene | mg/kg | 21 | 23 | 91 | 0.019 | 0.6 | 0.263 | 0.172 | 0.023 | 0.12 | 0.306 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | cobalt | mg/kg | 23 | 23 | 100 | 6.96 | 10.8 | 8.984 | 1.08 | -- | -- | 9.371 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | copper | mg/kg | 23 | 23 | 100 | 9.58 | 22.6 | 15.94 | 3.4 | -- | -- | 17.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 20 | 23 | 87 | 0.52 | 4200 | 531.4 | 1040 | 0.12 | 0.14 | 1359 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | lead | mg/kg | 23 | 23 | 100 | 4.27 | 20.4 | 8.199 | 3.862 | -- | -- | 9.638 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | gt05lte10ft | naphthalene | mg/kg | 22 | 23 | 96 | 0.0009 | 7.7 | 1.426 | 1.914 | 0.00029 | 0.00029 | 3.086 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | pyrene | mg/kg | 23 | 23 | 100 | 0.0088 | 1.2 | 0.454 | 0.374 | -- | -- | 0.655 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | toluene | µg/kg | 8 | 23 | 35 | 0.14 | 0.55 | 0.286 | 0.144 | 0.12 | 45 | 0.296 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 23 | 23 | 100 | 200 | 13000 | 4652 | 4070 | -- | -- | 7054 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 23 | 23 | 100 | 0.21 | 1600 | 208.4 | 426.1 | -- | -- | 595.6 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 23 | 23 | 100 | 290 | 13000 | 5400 | 4274 | -- | -- | 7756 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | vanadium | mg/kg | 23 | 23 | 100 | 25 | 46 | 35.36 | 4.706 | -- | -- | 37.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 16 | 23 | 70 | 0.17 | 3700 | 255.7 | 919.4 | 0.16 | 45 | 883.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | gt05lte10ft | zinc | mg/kg | 23 | 23 | 100 | 29.3 | 50.3 | 39.03 | 5.528 | -- | -- | 41.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 24 | 75 | 0.0021 | 0.026 | 0.00627 | 0.00564 | 0.003 | 0.012 | 0.00766 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte02ft | antimony | mg/kg | 9 | 24 | 38 | 0.356 | 1.75 | 0.955 | 0.535 | 0.306 | 0.306 | 0.798 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 2.15 | 9.37 | 5.589 | 1.412 | -- | -- | 6.083 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte02ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00269 | 0.105 | 0.024 | 0.0228 | -- | -- | 0.0326 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte02ft | benzene | µg/kg | 10 | 24 | 42 | 0.15 | 0.32 | 0.195 | 0.0477 | 0.11 | 0.14 | 0.182 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 22 | 24 | 92 | 0.0021 | 0.067 | 0.0161 | 0.0152 | 0.013 | 0.013 | 0.0285 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 24 | 24 | 100 | 0.0019 | 0.075 | 0.0174 | 0.0161 | -- | -- | 0.0237 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 22 | 24 | 92 | 0.0013 | 0.052 | 0.0116 | 0.0116 | 0.007 | 0.007 | 0.021 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 24 | 38 | 0.0012 | 0.032 | 0.00793 | 0.00955 | 0.0011 | 0.045 | 0.0073 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte02ft | cadmium | mg/kg | 6 | 24 | 25 | 0.0933 | 0.402 | 0.199 | 0.12 | 0.0883 | 0.0883 | 0.164 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte02ft | chrysene | mg/kg | 24 | 24 | 100 | 0.0089 | 0.18 | 0.0387 | 0.041 | -- | -- | 0.0525 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 2.58 | 12.4 | 9.477 | 1.876 | -- | -- | 10.13 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte02ft | copper | mg/kg | 24 | 24 | 100 | 4.44 | 24.3 | 16.46 | 4.484 | -- | -- | 18.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 13 | 24 | 54 | 0.0008 | 0.031 | 0.00779 | 0.0099 | 0.0007 | 0.013 | 0.00822 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 24 | 71 | 0.0011 | 0.043 | 0.011 | 0.0118 | 0.0035 | 0.017 | 0.0129 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte02ft | lead | mg/kg | 24 | 24 | 100 | 3.91 | 21.9 | 10.28 | 4.196 | -- | -- | 11.81 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte02ft | naphthalene | mg/kg | 7 | 24 | 29 | 0.00052 | 0.0054 | 0.00221 | 0.0018 | 0.00026 | 0.00035 | 0.00196 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte02ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0051 | 0.31 | 0.05 | 0.0799 | -- | -- | 0.121 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte02ft | toluene | µg/kg | 7 | 24 | 29 | 0.13 | 0.37 | 0.196 | 0.0789 | 0.12 | 0.16 | 0.188 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte02ft | tph as diesel | mg/kg | 24 | 24 | 100 | 7.3 | 620 | 147.4 | 152.9 | -- | -- | 212 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte02ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 23 | 2300 | 439.7 | 491.8 | -- | -- | 621.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 9.7 | 46.8 | 32.87 | 6.844 | -- | -- | 35.26 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 12.6 | 86 | 47.96 | 14.52 | -- | -- | 53.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 37 | 27 | 0.0014 | 2.2 | 0.25 | 0.687 | 0.0011 | 0.043 | 0.338 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 30 | 37 | 81 | 0.0021 | 3.1 | 0.12 | 0.564 | 0.003 | 0.012 | 0.463 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte05ft | antimony | mg/kg | 14 | 37 | 38 | 0.356 | 1.75 | 0.996 | 0.446 | 0.149 | 0.306 | 0.771 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte05ft | arsenic | mg/kg | 37 | 37 | 100 | 2.15 | 12.6 | 5.613 | 1.842 | -- | -- | 6.148 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte05ft | bap teq | mg/kg | 37 | 37 | 100 | 0.00269 | 0.245 | 0.0316 | 0.0423 | -- | -- | 0.0417 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte05ft | benzene | µg/kg | 18 | 37 | 49 | 0.1 | 0.82 | 0.234 | 0.199 | 0.1 | 0.14 | 0.213 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 35 | 37 | 95 | 0.0021 | 0.25 | 0.028 | 0.0434 | 0.013 | 0.013 | 0.0574 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24503 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 37 | 37 | 100 | 0.0019 | 0.2 | 0.0237 | 0.0338 | -- | -- | 0.0315 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 35 | 37 | 95 | 0.0013 | 0.069 | 0.013 | 0.0142 | 0.007 | 0.007 | 0.0226 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 12 | 37 | 32 | 0.0012 | 0.032 | 0.00665 | 0.00854 | 0.0011 | 0.045 | 0.00568 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte05ft | cadmium | mg/kg | 7 | 37 | 19 | 0.0933 | 0.617 | 0.259 | 0.192 | 0.0883 | 0.0883 | 0.183 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte05ft | chrysene | mg/kg | 37 | 37 | 100 | 0.0089 | 0.49 | 0.0664 | 0.0899 | -- | -- | 0.0928 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte05ft | cobalt | mg/kg | 37 | 37 | 100 | 2.58 | 14.5 | 9.497 | 1.823 | -- | -- | 10 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte05ft | copper | mg/kg | 37 | 37 | 100 | 4.44 | 24.3 | 15.52 | 4.533 | -- | -- | 16.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 16 | 37 | 43 | 0.0008 | 0.031 | 0.00673 | 0.00917 | 0.0007 | 0.027 | 0.00583 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte05ft | ethylbenzene | µg/kg | 5 | 37 | 14 | 0.17 | 14 | 3.538 | 5.921 | 0.12 | 0.17 | 1.327 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 24 | 37 | 65 | 0.001 | 0.043 | 0.0093 | 0.0104 | 0.0035 | 0.035 | 0.00997 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte05ft | lead | mg/kg | 37 | 37 | 100 | 3.91 | 21.9 | 9.451 | 3.989 | -- | -- | 10.56 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte05ft | naphthalene | mg/kg | 15 | 37 | 41 | 0.00046 | 0.88 | 0.0714 | 0.225 | 0.00025 | 0.00035 | 0.135 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte05ft | pyrene | mg/kg | 37 | 37 | 100 | 0.0051 | 0.96 | 0.0877 | 0.172 | -- | -- | 0.211 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte05ft | toluene | µg/kg | 8 | 37 | 22 | 0.13 | 0.37 | 0.201 | 0.0747 | 0.11 | 0.45 | 0.184 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte05ft | tph as diesel | mg/kg | 37 | 37 | 100 | 7.3 | 8300 | 715.2 | 1819 | -- | -- | 2019 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte05ft | tph as gasoline | mg/kg | 10 | 37 | 27 | 0.06 | 86 | 9.054 | 27.05 | 0.042 | 0.066 | 13.01 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte05ft | tph as motor oil | mg/kg | 37 | 37 | 100 | 23 | 9300 | 1031 | 2003 | -- | -- | 1565 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte05ft | vanadium | mg/kg | 37 | 37 | 100 | 9.7 | 46.8 | 33.18 | 6.386 | -- | -- | 34.95 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte05ft | zinc | mg/kg | 37 | 37 | 100 | 12.6 | 86 | 44.04 | 13.63 | -- | -- | 47.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 60 | 30 | 0.11 | 1700 | 175.5 | 436.5 | 0.088 | 48 | 195.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 60 | 17 | 0.088 | 1600 | 183 | 501.7 | 0.074 | 45 | 77.44 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 31 | 60 | 52 | 0.0014 | 5.5 | 1.407 | 1.847 | 0.0011 | 0.043 | 1.077 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 53 | 60 | 88 | 0.0014 | 8.4 | 1.211 | 2.318 | 0.003 | 0.012 | 2.316 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte10ft | antimony | mg/kg | 20 | 60 | 33 | 0.356 | 1.75 | 0.934 | 0.406 | 0.149 | 0.306 | 0.686 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte10ft | arsenic | mg/kg | 60 | 60 | 100 | 2.15 | 35.5 | 6.861 | 4.474 | -- | -- | 7.884 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte10ft | bap teq | mg/kg | 58 | 60 | 97 | 0.00269 | 0.245 | 0.0561 | 0.0629 | 0.0187 | 0.0931 | 0.09 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte10ft | benzene | µg/kg | 32 | 60 | 53 | 0.1 | 130 | 8.853 | 27.23 | 0.1 | 11 | 16.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 55 | 60 | 92 | 0.0021 | 0.29 | 0.0606 | 0.0764 | 0.0065 | 0.16 | 0.0986 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 58 | 60 | 97 | 0.0019 | 0.2 | 0.0423 | 0.0486 | 0.02 | 0.1 | 0.0686 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 51 | 60 | 85 | 0.0013 | 0.078 | 0.0197 | 0.0199 | 0.0035 | 0.1 | 0.0219 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 16 | 60 | 27 | 0.0012 | 0.088 | 0.0135 | 0.0219 | 0.0007 | 0.14 | 0.00897 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte10ft | cadmium | mg/kg | 12 | 60 | 20 | 0.0933 | 0.721 | 0.372 | 0.248 | 0.0883 | 0.0883 | 0.195 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte10ft | chrysene | mg/kg | 58 | 60 | 97 | 0.0089 | 0.6 | 0.138 | 0.157 | 0.023 | 0.12 | 0.221 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte10ft | cobalt | mg/kg | 60 | 60 | 100 | 2.58 | 14.5 | 9.3 | 1.589 | -- | -- | 9.643 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte10ft | copper | mg/kg | 60 | 60 | 100 | 4.44 | 24.3 | 15.68 | 4.11 | -- | -- | 16.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 20 | 60 | 33 | 0.0008 | 0.031 | 0.00769 | 0.00967 | 0.0007 | 0.13 | 0.00554 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte10ft | ethylbenzene | µg/kg | 25 | 60 | 42 | 0.17 | 4200 | 425.8 | 949.9 | 0.12 | 0.17 | 317.6 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 27 | 60 | 45 | 0.001 | 0.043 | 0.00892 | 0.01 | 0.0035 | 0.17 | 0.00833 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte10ft | lead | mg/kg | 60 | 60 | 100 | 3.91 | 21.9 | 8.971 | 3.956 | -- | -- | 9.842 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte10ft | naphthalene | mg/kg | 37 | 60 | 62 | 0.00046 | 7.7 | 0.877 | 1.616 | 0.00025 | 0.00035 | 0.874 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 neptune ave | lte10ft | pyrene | mg/kg | 60 | 60 | 100 | 0.0051 | 1.2 | 0.228 | 0.32 | -- | -- | 0.582 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte10ft | toluene | µg/kg | 16 | 60 | 27 | 0.13 | 0.55 | 0.244 | 0.119 | 0.11 | 45 | 0.197 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte10ft | tph as diesel | mg/kg | 60 | 60 | 100 | 7.3 | 13000 | 2224 | 3453 | -- | -- | 8762 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte10ft | tph as gasoline | mg/kg | 33 | 60 | 55 | 0.06 | 1600 | 148 | 365.6 | 0.042 | 0.066 | 239.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte10ft | tph as motor oil | mg/kg | 60 | 60 | 100 | 23 | 13000 | 2706 | 3721 | -- | -- | 6378 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte10ft | vanadium | mg/kg | 60 | 60 | 100 | 9.7 | 46.8 | 34.02 | 5.855 | -- | -- | 35.28 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 neptune ave | lte10ft | xylenes, total | µg/kg | 17 | 60 | 28 | 0.17 | 3700 | 240.8 | 892.3 | 0.15 | 45 | 343 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 neptune ave | lte10ft | zinc | mg/kg | 60 | 60 | 100 | 12.6 | 86 | 42.12 | 11.44 | -- | -- | 44.69 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 13 | 62 | 0.0007 | 0.0076 | 0.00224 | 0.00238 | 0.0024 | 0.1 | 0.00325 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte02ft | arsenic | mg/kg | 13 | 13 | 100 | 2.93 | 10.1 | 5.848 | 1.828 | -- | -- | 6.751 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte02ft | bap teq | mg/kg | 12 | 13 | 92 | 0.00188 | 0.347 | 0.0413 | 0.0989 | 0.124 | 0.124 | 0.155 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 13 | 92 | 0.0011 | 0.078 | 0.0113 | 0.0217 | 0.11 | 0.11 | 0.0386 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 13 | 92 | 0.0014 | 0.31 | 0.0359 | 0.0885 | 0.12 | 0.12 | 0.138 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 13 | 85 | 0.0008 | 0.11 | 0.0128 | 0.0324 | 0.007 | 0.11 | 0.0476 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte02ft | cadmium | mg/kg | 11 | 13 | 85 | 0.0973 | 0.273 | 0.149 | 0.051 | 0.0099 | 0.0883 | 0.166 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte02ft | chrysene | mg/kg | 12 | 13 | 92 | 0.0028 | 0.47 | 0.0583 | 0.134 | 0.11 | 0.11 | 0.212 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte02ft | cobalt | mg/kg | 13 | 13 | 100 | 4.4 | 10.9 | 8.253 | 1.747 | -- | -- | 9.117 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte02ft | copper | mg/kg | 13 | 13 | 100 | 7.28 | 20 | 13.57 | 3.448 | -- | -- | 15.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 13 | 46 | 0.0007 | 0.021 | 0.00578 | 0.00785 | 0.0007 | 0.2 | 0.00655 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24503 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 13 | 85 | 0.0009 | 0.056 | 0.00918 | 0.0164 | 0.0035 | 0.23 | 0.0285 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 panama ave | lte02ft | lead | mg/kg | 13 | 13 | 100 | 3.73 | 13 | 7.496 | 3.01 | -- | -- | 8.984 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte02ft | naphthalene | mg/kg | 6 | 13 | 46 | 0.0006 | 0.0036 | 0.0016 | 0.00111 | 0.00026 | 0.019 | 0.00172 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte02ft | pyrene | mg/kg | 12 | 13 | 92 | 0.0017 | 0.77 | 0.0742 | 0.22 | 0.1 | 0.1 | 0.326 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte02ft | toluene | µg/kg | 5 | 13 | 38 | 0.13 | 0.48 | 0.286 | 0.161 | 0.12 | 14 | 0.293 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte02ft | tph as diesel | mg/kg | 13 | 13 | 100 | 9 | 3300 | 528 | 1007 | -- | -- | 1746 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte02ft | tph as motor oil | mg/kg | 13 | 13 | 100 | 49 | 5200 | 1052 | 1629 | -- | -- | 2314 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 panama ave | lte02ft | vanadium | mg/kg | 13 | 13 | 100 | 17.4 | 42 | 32.49 | 6.412 | -- | -- | 35.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte02ft | zinc | mg/kg | 13 | 13 | 100 | 20.9 | 52.1 | 36.98 | 7.975 | -- | -- | 40.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 22 | 23 | 3.4 | 1200 | 302.3 | 505.7 | 0.093 | 11 | 173.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 15 | 22 | 68 | 0.0007 | 18 | 2.151 | 5.075 | 0.0006 | 0.1 | 5.479 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 2.93 | 10.1 | 5.505 | 1.661 | -- | -- | 6.115 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte05ft | bap teq | mg/kg | 20 | 22 | 91 | 0.00188 | 0.347 | 0.0501 | 0.0906 | 0.124 | 0.208 | 0.129 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte05ft | benzene | µg/kg | 8 | 22 | 36 | 0.11 | 220 | 39.51 | 79.96 | 0.11 | 13 | 63.05 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 22 | 86 | 0.001 | 0.16 | 0.0212 | 0.0391 | 0.11 | 0.26 | 0.0569 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 22 | 91 | 0.0014 | 0.31 | 0.0395 | 0.0753 | 0.12 | 0.2 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 22 | 77 | 0.0008 | 0.11 | 0.0107 | 0.026 | 0.007 | 0.14 | 0.032 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte05ft | cadmium | mg/kg | 18 | 22 | 82 | 0.0929 | 0.273 | 0.145 | 0.0503 | 0.0099 | 0.0883 | 0.155 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte05ft | chrysene | mg/kg | 20 | 22 | 91 | 0.0028 | 0.47 | 0.0838 | 0.136 | 0.11 | 0.45 | 0.204 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 4.4 | 10.9 | 8.764 | 1.617 | -- | -- | 9.357 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 7.28 | 20 | 13.74 | 3.094 | -- | -- | 14.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 22 | 41 | 0.0007 | 0.021 | 0.00451 | 0.00652 | 0.0007 | 0.27 | 0.00482 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte05ft | ethylbenzene | µg/kg | 6 | 22 | 27 | 1.8 | 4100 | 1229 | 1587 | 0.12 | 14 | 880 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 22 | 64 | 0.0009 | 0.056 | 0.00783 | 0.0147 | 0.0009 | 0.35 | 0.0201 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 3.73 | 32.5 | 7.839 | 6.072 | -- | -- | 10.23 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte05ft | naphthalene | mg/kg | 11 | 22 | 50 | 0.0006 | 6.5 | 1.325 | 2.323 | 0.00026 | 0.019 | 2.32 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte05ft | pyrene | mg/kg | 21 | 22 | 95 | 0.0017 | 0.77 | 0.145 | 0.246 | 0.1 | 0.1 | 0.364 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte05ft | toluene | µg/kg | 9 | 22 | 41 | 0.13 | 32 | 5.648 | 11.33 | 0.12 | 15 | 9.637 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte05ft | tph as diesel | mg/kg | 21 | 22 | 95 | 9 | 12000 | 1599 | 2840 | 4.8 | 4.8 | 4125 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte05ft | tph as gasoline | mg/kg | 7 | 22 | 32 | 0.13 | 690 | 316.3 | 318.6 | 0.048 | 0.063 | 216.9 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte05ft | tph as motor oil | mg/kg | 22 | 22 | 100 | 9.7 | 13000 | 1905 | 3017 | -- | -- | 3751 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 panama ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 17.4 | 42 | 33.49 | 5.418 | -- | -- | 35.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte05ft | xylenes, total | µg/kg | 8 | 22 | 36 | 0.2 | 780 | 109.9 | 271.7 | 0.16 | 20 | 103.7 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 panama ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 20.9 | 52.1 | 36.31 | 6.407 | -- | -- | 38.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 28 | 36 | 0.17 | 1200 | 154.9 | 371.3 | 0.093 | 11 | 131.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 28 | 18 | 0.12 | 100 | 25.96 | 43.22 | 0.079 | 9.6 | 11.61 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 28 | 36 | 0.0018 | 11 | 2.123 | 3.709 | 0.0011 | 0.095 | 1.552 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 21 | 28 | 75 | 0.0007 | 18 | 1.553 | 4.355 | 0.0006 | 0.1 | 4.323 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 2.93 | 10.1 | 5.854 | 1.761 | -- | -- | 6.421 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte10ft | bap teq | mg/kg | 26 | 28 | 93 | 0.00108 | 0.347 | 0.0443 | 0.0815 | 0.124 | 0.208 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte10ft | benzene | µg/kg | 9 | 28 | 32 | 0.11 | 220 | 35.13 | 75.94 | 0.11 | 13 | 49.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 25 | 28 | 89 | 0.0007 | 0.16 | 0.0211 | 0.0368 | 0.11 | 0.26 | 0.0513 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 26 | 28 | 93 | 0.0007 | 0.31 | 0.0348 | 0.0675 | 0.12 | 0.2 | 0.0886 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 28 | 82 | 0.0006 | 0.11 | 0.0108 | 0.0235 | 0.007 | 0.14 | 0.0287 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte10ft | cadmium | mg/kg | 23 | 28 | 82 | 0.0929 | 0.273 | 0.145 | 0.0458 | 0.0099 | 0.0883 | 0.152 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte10ft | chrysene | mg/kg | 26 | 28 | 93 | 0.0028 | 0.47 | 0.0791 | 0.126 | 0.11 | 0.45 | 0.179 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 4.4 | 11.9 | 9.228 | 1.737 | -- | -- | 9.787 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 7.28 | 21.2 | 14.71 | 3.453 | -- | -- | 15.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 13 | 28 | 46 | 0.0007 | 0.021 | 0.00469 | 0.00613 | 0.0007 | 0.27 | 0.00474 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte10ft | ethylbenzene | µg/kg | 11 | 28 | 39 | 1.2 | 4100 | 705.1 | 1276 | 0.12 | 14 | 560.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 28 | 61 | 0.0009 | 0.056 | 0.00785 | 0.0137 | 0.0009 | 0.35 | 0.0167 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte10ft | lead | mg/kg | 28 | 28 | 100 | 3.73 | 32.5 | 7.411 | 5.442 | -- | -- | 9.289 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte10ft | naphthalene | mg/kg | 17 | 28 | 61 | 0.0006 | 6.5 | 0.903 | 1.933 | 0.00026 | 0.019 | 1.038 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 panama ave | lte10ft | pyrene | mg/kg | 27 | 28 | 96 | 0.0017 | 0.77 | 0.128 | 0.222 | 0.1 | 0.1 | 0.305 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte10ft | toluene | µg/kg | 11 | 28 | 39 | 0.13 | 32 | 4.657 | 10.37 | 0.12 | 15 | 7.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte10ft | tph as diesel | mg/kg | 27 | 28 | 96 | 8.3 | 12000 | 1417 | 2561 | 4.8 | 4.8 | 3450 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte10ft | tph as gasoline | mg/kg | 13 | 28 | 46 | 0.13 | 690 | 200.5 | 265.8 | 0.048 | 0.063 | 160.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 panama ave | lte10ft | tph as motor oil | mg/kg | 28 | 28 | 100 | 9.7 | 13000 | 1742 | 2769 | -- | -- | 4023 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 panama ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 17.4 | 43.3 | 34.75 | 5.498 | -- | -- | 36.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24503 panama ave | lte10ft | xylenes, total | µg/kg | 11 | 28 | 39 | 0.2 | 780 | 80.16 | 233 | 0.16 | 20 | 156.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 panama ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 20.9 | 52.1 | 37.43 | 6.123 | -- | -- | 39.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 13 | 62 | 0.15 | 330 | 91.18 | 142.2 | 0.095 | 10 | 109.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 13 | 38 | 0.22 | 58 | 22.24 | 29.98 | 0.076 | 8.5 | 19.63 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 13 | 13 | 100 | 0.025 | 9.9 | 1.594 | 2.743 | -- | -- | 4.729 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 13 | 13 | 100 | 0.034 | 16 | 2.175 | 4.417 | -- | -- | 6.912 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 3.65 | 6.75 | 4.758 | 0.919 | -- | -- | 5.213 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | bap teq | mg/kg | 13 | 13 | 100 | 0.00067 | 0.676 | 0.0807 | 0.181 | -- | -- | 0.299 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | benzene | µg/kg | 6 | 13 | 46 | 0.12 | 6 | 1.14 | 2.381 | 0.097 | 12 | 1.933 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 11 | 13 | 85 | 0.0014 | 1 | 0.133 | 0.289 | 0.078 | 0.13 | 0.443 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 13 | 46 | 0.005 | 0.28 | 0.0588 | 0.109 | 0.0004 | 0.07 | 0.0736 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | chrysene | mg/kg | 13 | 13 | 100 | 0.0041 | 2.2 | 0.333 | 0.575 | -- | -- | 0.68 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 4.9 | 11 | 8.315 | 1.949 | -- | -- | 9.278 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 7.42 | 36.2 | 14.34 | 7.624 | -- | -- | 18.32 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 13 | 62 | 0.15 | 130 | 28.9 | 46.84 | 0.11 | 13 | 39.12 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 3.85 | 11.1 | 6.643 | 2.123 | -- | -- | 7.692 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 12 | 13 | 92 | 0.0016 | 5.7 | 0.711 | 1.626 | 0.00061 | 0.00061 | 2.56 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | pyrene | mg/kg | 13 | 13 | 100 | 0.0045 | 2.7 | 0.481 | 0.727 | -- | -- | 0.997 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 12 | 13 | 92 | 6.1 | 3300 | 1106 | 1072 | 4.8 | 4.8 | 1552 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 13 | 13 | 100 | 0.29 | 1300 | 167.4 | 381.8 | -- | -- | 629 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 13 | 85 | 230 | 3700 | 1482 | 1201 | 7 | 7 | 1883 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 24.1 | 39.5 | 30.69 | 4.765 | -- | -- | 33.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 9 | 13 | 69 | 0.18 | 62 | 13.08 | 20.63 | 0.32 | 0.49 | 18.14 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 23.9 | 113 | 40.32 | 22.77 | -- | -- | 52.49 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 12 | 75 | 0.0037 | 0.029 | 0.0129 | 0.00871 | 0.003 | 0.012 | 0.0154 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 2.84 | 5.7 | 4.033 | 0.937 | -- | -- | 4.519 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00135 | 0.057 | 0.0215 | 0.0191 | -- | -- | 0.0314 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | benzene | µg/kg | 10 | 12 | 83 | 0.12 | 0.65 | 0.253 | 0.163 | 0.15 | 0.2 | 0.43 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0031 | 0.044 | 0.0198 | 0.0111 | -- | -- | 0.0255 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 6 | 12 | 50 | 0.017 | 0.045 | 0.029 | 0.0119 | 0.001 | 0.0099 | 0.0298 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 12 | 58 | 0.0056 | 0.027 | 0.0133 | 0.00757 | 0.0007 | 0.007 | 0.0142 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0084 | 0.19 | 0.059 | 0.047 | -- | -- | 0.0895 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 6.53 | 13.5 | 8.348 | 1.933 | -- | -- | 9.372 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 8.41 | 17.6 | 12.34 | 3.317 | -- | -- | 14.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 12 | 50 | 0.0046 | 0.018 | 0.00905 | 0.00487 | 0.0017 | 0.017 | 0.00988 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.53 | 11.6 | 8.094 | 2.423 | -- | -- | 9.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | naphthalene | mg/kg | 5 | 12 | 42 | 0.0021 | 0.11 | 0.027 | 0.0465 | 0.00025 | 0.00039 | 0.0296 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 ravenna ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0044 | 0.22 | 0.0455 | 0.0567 | -- | -- | 0.0978 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | toluene | µg/kg | 12 | 12 | 100 | 0.18 | 2.4 | 0.894 | 0.78 | -- | -- | 1.493 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte02ft | tph as diesel | mg/kg | 10 | 12 | 83 | 31 | 420 | 146.3 | 119.5 | 4.8 | 4.8 | 188.3 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | tph as gasoline | mg/kg | 8 | 12 | 67 | 0.075 | 1 | 0.388 | 0.331 | 0.046 | 0.11 | 0.449 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | tph as motor oil | mg/kg | 10 | 12 | 83 | 69 | 850 | 298.9 | 236.4 | 7 | 7 | 381.9 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 23.7 | 43 | 29.32 | 5.565 | -- | -- | 32.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | xylenes, total | µg/kg | 5 | 12 | 42 | 0.19 | 1.4 | 0.698 | 0.543 | 0.17 | 0.24 | 0.798 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 25.4 | 56.6 | 36.93 | 9.512 | -- | -- | 41.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 21 | 29 | 0.0046 | 0.072 | 0.0282 | 0.025 | 0.0011 | 0.021 | 0.027 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 21 | 86 | 0.0015 | 0.06 | 0.0159 | 0.0142 | 0.003 | 0.012 | 0.0199 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte05ft | arsenic | mg/kg | 21 | 21 | 100 | 2.13 | 11.3 | 4.16 | 2.044 | -- | -- | 4.895 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte05ft | bap teq | mg/kg | 21 | 21 | 100 | 0.00135 | 0.074 | 0.0195 | 0.0212 | -- | -- | 0.0304 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte05ft | benzene | µg/kg | 13 | 21 | 62 | 0.12 | 0.65 | 0.227 | 0.15 | 0.097 | 0.2 | 0.244 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 21 | 100 | 0.0031 | 0.068 | 0.0193 | 0.016 | -- | -- | 0.0264 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 11 | 21 | 52 | 0.0029 | 0.058 | 0.0257 | 0.0175 | 0.001 | 0.0099 | 0.0233 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 21 | 67 | 0.0016 | 0.027 | 0.0111 | 0.00824 | 0.0007 | 0.007 | 0.0113 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte05ft | chrysene | mg/kg | 21 | 21 | 100 | 0.0084 | 0.23 | 0.0589 | 0.0573 | -- | -- | 0.0827 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte05ft | cobalt | mg/kg | 21 | 21 | 100 | 6.12 | 13.5 | 8.33 | 1.811 | -- | -- | 9.023 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte05ft | copper | mg/kg | 21 | 21 | 100 | 7.56 | 20.2 | 12 | 4.004 | -- | -- | 13.62 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 21 | 48 | 0.0011 | 0.018 | 0.00655 | 0.00498 | 0.0017 | 0.017 | 0.00653 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte05ft | lead | mg/kg | 21 | 21 | 100 | 4.16 | 14.1 | 7.456 | 2.726 | -- | -- | 8.482 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte05ft | naphthalene | mg/kg | 9 | 21 | 43 | 0.00032 | 0.11 | 0.0168 | 0.0351 | 0.00025 | 0.00039 | 0.0307 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24503 ravenna ave | lte05ft | pyrene | mg/kg | 21 | 21 | 100 | 0.0044 | 0.32 | 0.0622 | 0.0866 | -- | -- | 0.145 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte05ft | toluene | µg/kg | 17 | 21 | 81 | 0.13 | 2.4 | 0.728 | 0.706 | 0.12 | 0.38 | 0.895 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte05ft | tph as diesel | mg/kg | 17 | 21 | 81 | 7.3 | 500 | 171.4 | 148.2 | 4.8 | 4.8 | 202 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte05ft | tph as gasoline | mg/kg | 15 | 21 | 71 | 0.061 | 1 | 0.373 | 0.332 | 0.04 | 0.11 | 0.397 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte05ft | tph as motor oil | mg/kg | 17 | 21 | 81 | 7.8 | 850 | 287.5 | 220 | 7 | 7 | 322.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte05ft | vanadium | mg/kg | 21 | 21 | 100 | 22.7 | 43 | 29.15 | 5.924 | -- | -- | 31.42 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 ravenna ave | lte05ft | xylenes, total | µg/kg | 8 | 21 | 38 | 0.19 | 1.4 | 0.54 | 0.467 | 0.15 | 0.41 | 0.452 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte05ft | zinc | mg/kg | 21 | 21 | 100 | 25.4 | 56.6 | 36.35 | 9.728 | -- | -- | 40.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 34 | 32 | 0.15 | 330 | 66.48 | 126.3 | 0.089 | 10 | 80.57 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 34 | 15 | 0.22 | 58 | 22.24 | 29.98 | 0.075 | 8.5 | 7.648 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 19 | 34 | 56 | 0.0046 | 9.9 | 1.099 | 2.361 | 0.0011 | 0.021 | 2.001 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 34 | 91 | 0.0015 | 16 | 0.921 | 2.996 | 0.003 | 0.012 | 2.988 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 ravenna ave | lte10ft | antimony | mg/kg | 7 | 34 | 21 | 0.208 | 1.16 | 0.593 | 0.346 | 0.149 | 0.306 | 0.507 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 2.13 | 11.3 | 4.389 | 1.71 | -- | -- | 4.87 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte10ft | bap teq | mg/kg | 34 | 34 | 100 | 0.00067 | 0.676 | 0.0429 | 0.114 | -- | -- | 0.0816 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | benzene | µg/kg | 19 | 34 | 56 | 0.12 | 6 | 0.515 | 1.334 | 0.097 | 12 | 0.724 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 32 | 34 | 94 | 0.0014 | 1 | 0.0584 | 0.173 | 0.078 | 0.13 | 0.183 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 15 | 34 | 44 | 0.0029 | 0.49 | 0.0568 | 0.121 | 0.0005 | 0.099 | 0.0666 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 34 | 59 | 0.0016 | 0.28 | 0.0254 | 0.0605 | 0.0004 | 0.07 | 0.0522 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | chrysene | mg/kg | 34 | 34 | 100 | 0.0041 | 2.2 | 0.164 | 0.375 | -- | -- | 0.244 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 ravenna ave | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 4.9 | 13.5 | 8.324 | 1.836 | -- | -- | 8.857 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | copper | mg/kg | 34 | 34 | 100 | 7.42 | 36.2 | 12.9 | 5.673 | -- | -- | 14.48 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 34 | 15 | 0.0009 | 0.0082 | 0.00466 | 0.00349 | 0.0007 | 0.13 | 0.00589 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | ethylbenzene | µg/kg | 11 | 34 | 32 | 0.13 | 130 | 21.09 | 41.41 | 0.11 | 13 | 26.13 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 34 | 35 | 0.0011 | 0.12 | 0.0164 | 0.033 | 0.0009 | 0.17 | 0.0155 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | lead | mg/kg | 34 | 34 | 100 | 3.85 | 14.1 | 7.145 | 2.51 | -- | -- | 7.898 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte10ft | naphthalene | mg/kg | 21 | 34 | 62 | 0.00032 | 5.7 | 0.413 | 1.256 | 0.00025 | 0.00061 | 1.009 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | pyrene | mg/kg | 34 | 34 | 100 | 0.0044 | 2.7 | 0.222 | 0.489 | -- | -- | 0.588 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24503 ravenna ave | lte10ft | toluene | µg/kg | 20 | 34 | 59 | 0.13 | 2.4 | 0.685 | 0.663 | 0.12 | 13 | 0.675 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte10ft | tph as diesel | mg/kg | 29 | 34 | 85 | 6.1 | 3300 | 557.9 | 826.8 | 4.8 | 4.8 | 1067 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24503 ravenna ave | lte10ft | tph as gasoline | mg/kg | 28 | 34 | 82 | 0.061 | 1300 | 77.92 | 268.3 | 0.04 | 0.11 | 247.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 ravenna ave | lte10ft | tph as motor oil | mg/kg | 28 | 34 | 82 | 7.8 | 3700 | 756.7 | 957 | 7 | 7 | 1309 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 ravenna ave | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 22.7 | 43 | 29.74 | 5.487 | -- | -- | 31.36 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24503 ravenna ave | lte10ft | xylenes, total | µg/kg | 17 | 34 | 50 | 0.18 | 62 | 7.178 | 15.96 | 0.15 | 0.49 | 12.54 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24503 ravenna ave | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 23.9 | 113 | 37.87 | 15.81 | -- | -- | 41.86 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 8 | 63 | 23 | 31000 | 6837 | 13558 | 0.1 | 0.71 | 11717 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.0016 | 23 | 9.152 | 9.584 | 0.0043 | 0.0054 | 13.14 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.0041 | 36 | 16.02 | 14.13 | 0.0024 | 0.003 | 22.14 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 4.3 | 16 | 9.524 | 4.161 | -- | -- | 12.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00691 | 0.593 | 0.194 | 0.214 | -- | -- | 0.337 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 8 | 75 | 0.0052 | 0.66 | 0.24 | 0.268 | 0.0026 | 0.16 | 0.354 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.0053 | 0.47 | 0.13 | 0.178 | 0.16 | 0.16 | 0.383 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 8 | 88 | 0.003 | 0.48 | 0.227 | 0.208 | 0.0018 | 0.0018 | 0.34 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.017 | 1.7 | 0.706 | 0.645 | -- | -- | 1.138 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.35 | 13.2 | 8.785 | 2.509 | -- | -- | 10.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 14 | 29.4 | 18.43 | 4.936 | -- | -- | 22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 5.08 | 24.6 | 9.673 | 6.246 | -- | -- | 14.28 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | naphthalene | mg/kg | 7 | 8 | 88 | 0.002 | 15 | 5.055 | 5.761 | 0.0014 | 0.0014 | 8.23 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.0089 | 2.5 | 1.024 | 1.016 | -- | -- | 1.704 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 22 | 20000 | 6268 | 6923 | -- | -- | 10905 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 8 | 88 | 0.09 | 3100 | 833.7 | 1081 | 0.058 | 0.058 | 2354 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 55 | 17000 | 7357 | 6606 | -- | -- | 11782 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 18.9 | 48.8 | 33.75 | 9.234 | -- | -- | 39.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 32.4 | 65.6 | 47.74 | 10.85 | -- | -- | 55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 19 | 42 | 0.0014 | 0.016 | 0.00836 | 0.00565 | 0.0011 | 0.0086 | 0.00734 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 19 | 89 | 0.0023 | 0.054 | 0.013 | 0.0136 | 0.003 | 0.003 | 0.0252 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 3.19 | 14.4 | 7.125 | 2.444 | -- | -- | 8.169 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte02ft | bap teq | mg/kg | 19 | 19 | 100 | 0.00453 | 0.0814 | 0.027 | 0.0209 | -- | -- | 0.0371 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte02ft | benzene | µg/kg | 16 | 19 | 84 | 0.11 | 0.58 | 0.203 | 0.127 | 0.12 | 0.12 | 0.31 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24506 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 19 | 19 | 100 | 0.004 | 0.099 | 0.0211 | 0.0225 | -- | -- | 0.0314 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 19 | 19 | 100 | 0.0032 | 0.057 | 0.0205 | 0.0158 | -- | -- | 0.0285 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 19 | 19 | 100 | 0.0022 | 0.037 | 0.0105 | 0.0101 | -- | -- | 0.0159 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 19 | 37 | 0.0021 | 0.016 | 0.00726 | 0.00523 | 0.0011 | 0.009 | 0.00611 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | lte02ft | cadmium | mg/kg | 14 | 19 | 74 | 0.125 | 0.378 | 0.215 | 0.09 | 0.0883 | 0.0883 | 0.226 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte02ft | chrysene | mg/kg | 19 | 19 | 100 | 0.011 | 0.29 | 0.0625 | 0.068 | -- | -- | 0.0953 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 7.84 | 13.4 | 9.694 | 1.324 | -- | -- | 10.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 8.59 | 22 | 16.82 | 3.594 | -- | -- | 18.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 12 | 19 | 63 | 0.0011 | 0.016 | 0.00547 | 0.00466 | 0.0007 | 0.0034 | 0.00564 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 19 | 63 | 0.0015 | 0.016 | 0.0066 | 0.00487 | 0.0009 | 0.0043 | 0.00695 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 6.03 | 60 | 13.92 | 11.98 | -- | -- | 25.91 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte02ft | naphthalene | mg/kg | 13 | 19 | 68 | 0.0023 | 0.045 | 0.0117 | 0.0116 | 0.00025 | 0.0003 | 0.0129 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte02ft | pyrene | mg/kg | 19 | 19 | 100 | 0.0042 | 0.13 | 0.0303 | 0.0328 | -- | -- | 0.0488 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte02ft | thallium | mg/kg | 9 | 19 | 47 | 0.23 | 0.61 | 0.343 | 0.111 | 0.23 | 0.232 | 0.322 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24506 marbella ave | lte02ft | toluene | µg/kg | 6 | 19 | 32 | 0.14 | 0.77 | 0.29 | 0.247 | 0.11 | 0.13 | 0.25 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte02ft | tph as diesel | mg/kg | 19 | 19 | 100 | 20 | 1300 | 228.4 | 298.1 | -- | -- | 355.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte02ft | tph as motor oil | mg/kg | 19 | 19 | 100 | 76 | 2500 | 776.1 | 705.2 | -- | -- | 1135 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 24.8 | 45 | 34.66 | 5.406 | -- | -- | 36.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 29 | 67 | 49.02 | 8.798 | -- | -- | 52.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 28 | 29 | 0.13 | 5700 | 1400 | 2593 | 0.088 | 10 | 1670 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 28 | 50 | 0.0014 | 20 | 2.869 | 6.502 | 0.0011 | 0.043 | 5.416 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 24 | 28 | 86 | 0.0023 | 29 | 2.378 | 7.36 | 0.003 | 0.003 | 7.695 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | arsenic | mg/kg | 28 | 28 | 100 | 3.19 | 28.8 | 8.254 | 4.865 | -- | -- | 9.906 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte05ft | bap teq | mg/kg | 28 | 28 | 100 | 0.00308 | 0.485 | 0.0693 | 0.116 | -- | -- | 0.14 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte05ft | benzene | µg/kg | 22 | 28 | 79 | 0.11 | 3200 | 172.5 | 687.4 | 0.1 | 12 | 641 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 28 | 28 | 100 | 0.0027 | 0.6 | 0.0593 | 0.125 | -- | -- | 0.102 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 27 | 28 | 96 | 0.0032 | 0.33 | 0.0516 | 0.0807 | 0.0025 | 0.0025 | 0.116 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 27 | 28 | 96 | 0.0017 | 0.73 | 0.0886 | 0.191 | 0.0018 | 0.0018 | 0.24 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 28 | 29 | 0.0014 | 0.016 | 0.00653 | 0.00527 | 0.0011 | 0.22 | 0.00514 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | lte05ft | cadmium | mg/kg | 20 | 28 | 71 | 0.107 | 0.472 | 0.214 | 0.101 | 0.0064 | 0.0883 | 0.217 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24506 marbella ave | lte05ft | chrysene | mg/kg | 28 | 28 | 100 | 0.01 | 1.2 | 0.196 | 0.341 | -- | -- | 0.477 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 7.51 | 17.1 | 9.852 | 1.981 | -- | -- | 10.47 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte05ft | copper | mg/kg | 28 | 28 | 100 | 8.59 | 36.4 | 17.72 | 4.96 | -- | -- | 19.34 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 14 | 28 | 50 | 0.0007 | 0.016 | 0.00484 | 0.00458 | 0.0007 | 0.14 | 0.00488 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 28 | 50 | 0.0011 | 0.016 | 0.00589 | 0.00483 | 0.0009 | 0.13 | 0.00588 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte05ft | lead | mg/kg | 28 | 28 | 100 | 6.03 | 60 | 12.48 | 10.2 | -- | -- | 16.01 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | naphthalene | mg/kg | 20 | 28 | 71 | 0.0023 | 11 | 1.043 | 2.87 | 0.00025 | 0.0003 | 2.783 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | pyrene | mg/kg | 28 | 28 | 100 | 0.0042 | 2.5 | 0.291 | 0.631 | -- | -- | 0.81 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | thallium | mg/kg | 12 | 28 | 43 | 0.23 | 0.61 | 0.351 | 0.112 | 0.23 | 0.232 | 0.313 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24506 marbella ave | lte05ft | toluene | µg/kg | 10 | 28 | 36 | 0.13 | 810 | 148.2 | 313.6 | 0.11 | 13 | 219.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | tph as diesel | mg/kg | 28 | 28 | 100 | 20 | 14000 | 1894 | 4064 | -- | -- | 5241 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | tph as gasoline | mg/kg | 7 | 28 | 25 | 0.074 | 1200 | 317 | 463.4 | 0.047 | 0.07 | 167.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte05ft | tph as motor oil | mg/kg | 28 | 28 | 100 | 70 | 41000 | 3675 | 8512 | -- | -- | 10686 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 24 | 82.1 | 36.4 | 10.52 | -- | -- | 39.98 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte05ft | xylenes, total | µg/kg | 5 | 28 | 18 | 0.24 | 12000 | 3539 | 5309 | 0.15 | 18 | 1919 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 29 | 94.4 | 49.64 | 11.8 | -- | -- | 53.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 36 | 36 | 0.13 | 31000 | 3491 | 8531 | 0.088 | 10 | 2786 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 36 | 17 | 0.42 | 9000 | 2191 | 3437 | 0.075 | 8.9 | 834.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 20 | 36 | 56 | 0.0014 | 23 | 4.754 | 7.863 | 0.0011 | 0.043 | 7.249 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 30 | 36 | 83 | 0.0023 | 36 | 5.107 | 10.4 | 0.0024 | 0.003 | 11.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 3.19 | 28.8 | 8.536 | 4.692 | -- | -- | 9.778 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | bap teq | mg/kg | 36 | 36 | 100 | 0.00308 | 0.593 | 0.097 | 0.149 | -- | -- | 0.208 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte10ft | benzene | µg/kg | 26 | 36 | 72 | 0.11 | 4700 | 341.9 | 1091 | 0.1 | 12 | 930.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 34 | 36 | 94 | 0.0027 | 0.66 | 0.0912 | 0.169 | 0.0026 | 0.16 | 0.207 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 34 | 36 | 94 | 0.0032 | 0.47 | 0.0679 | 0.109 | 0.0025 | 0.16 | 0.143 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 34 | 36 | 94 | 0.0017 | 0.73 | 0.117 | 0.199 | 0.0018 | 0.0018 | 0.253 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 36 | 22 | 0.0014 | 0.016 | 0.00653 | 0.00527 | 0.0011 | 0.22 | 0.00477 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24506 marbella ave | lte10ft | cadmium | mg/kg | 24 | 36 | 67 | 0.0916 | 0.472 | 0.204 | 0.0969 | 0.0064 | 0.0883 | 0.197 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | chrysene | mg/kg | 36 | 36 | 100 | 0.01 | 1.7 | 0.309 | 0.468 | -- | -- | 0.65 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24506 marbella ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 5.35 | 17.1 | 9.615 | 2.119 | -- | -- | 10.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 8.59 | 36.4 | 17.88 | 4.892 | -- | -- | 19.25 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 15 | 36 | 42 | 0.0007 | 0.016 | 0.0046 | 0.00451 | 0.0007 | 0.14 | 0.00436 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | ethylbenzene | µg/kg | 7 | 36 | 19 | 1.1 | 14000 | 3729 | 4820 | 0.12 | 14 | 1474 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 36 | 44 | 0.0011 | 0.016 | 0.00557 | 0.00462 | 0.0009 | 0.13 | 0.00541 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 5.08 | 60 | 11.86 | 9.455 | -- | -- | 14.7 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | naphthalene | mg/kg | 27 | 36 | 75 | 0.002 | 15 | 2.084 | 4.109 | 0.00025 | 0.0014 | 4.233 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | pyrene | mg/kg | 36 | 36 | 100 | 0.0042 | 2.5 | 0.454 | 0.78 | -- | -- | 1.021 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | thallium | mg/kg | 15 | 36 | 42 | 0.23 | 0.61 | 0.351 | 0.1 | 0.23 | 0.232 | 0.32 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte10ft | toluene | µg/kg | 13 | 36 | 36 | 0.13 | 10000 | 916.1 | 2744 | 0.11 | 13 | 1574 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | tph as diesel | mg/kg | 36 | 36 | 100 | 20 | 20000 | 2866 | 5072 | -- | -- | 6550 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | tph as gasoline | mg/kg | 14 | 36 | 39 | 0.074 | 3100 | 575.4 | 842.9 | 0.047 | 0.07 | 393 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | tph as motor oil | mg/kg | 36 | 36 | 100 | 55 | 41000 | 4493 | 8187 | -- | -- | 10441 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24506 marbella ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 18.9 | 82.1 | 35.81 | 10.18 | -- | -- | 38.8 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24506 marbella ave | lte10ft | xylenes, total | µg/kg | 8 | 36 | 22 | 0.24 | 66000 | 10792 | 22697 | 0.15 | 18 | 5700 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24506 marbella ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 29 | 94.4 | 49.22 | 11.47 | -- | -- | 52.43 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 6.25 | 12.4 | 8.477 | 2.077 | -- | -- | 9.764 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | gt05lte10ft | cadmium | mg/kg | 9 | 9 | 100 | 0.103 | 0.234 | 0.157 | 0.043 | -- | -- | 0.184 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 11.4 | 16.2 | 13.77 | 1.69 | -- | -- | 14.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 16.4 | 37.3 | 23.98 | 8.398 | -- | -- | 29.27 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24507 marbella ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 7.43 | 12 | 9.292 | 1.858 | -- | -- | 10.46 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24507 marbella ave | gt05lte10ft | tetrachloroethene | µg/kg | 5 | 9 | 56 | 0.42 | 2.4 | 1.416 | 0.808 | 0.13 | 0.14 | 1.689 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 39.2 | 79.2 | 52.61 | 14.24 | -- | -- | 61.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 43.7 | 65.6 | 53.04 | 9.413 | -- | -- | 58.94 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24507 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 18 | 67 | 0.001 | 0.041 | 0.0154 | 0.015 | 0.0006 | 0.0006 | 0.0165 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 5.39 | 10.5 | 8.6 | 1.384 | -- | -- | 9.168 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte02ft | bap teq | mg/kg | 16 | 18 | 89 | 0.000538 | 0.222 | 0.0389 | 0.0591 | 0.00053 | 0.00053 | 0.0934 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | benzene | µg/kg | 15 | 18 | 83 | 0.11 | 0.62 | 0.258 | 0.15 | 0.11 | 0.12 | 0.294 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 18 | 78 | 0.001 | 0.14 | 0.0392 | 0.049 | 0.0007 | 0.0007 | 0.0782 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 18 | 78 | 0.0006 | 0.13 | 0.0248 | 0.037 | 0.0005 | 0.02 | 0.0548 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 18 | 78 | 0.001 | 0.12 | 0.0261 | 0.0384 | 0.0004 | 0.0004 | 0.0571 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 10 | 18 | 56 | 0.0013 | 0.095 | 0.02 | 0.0289 | 0.0011 | 0.045 | 0.0225 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | cadmium | mg/kg | 18 | 18 | 100 | 0.094 | 0.336 | 0.194 | 0.063 | -- | -- | 0.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte02ft | chrysene | mg/kg | 15 | 18 | 83 | 0.0014 | 0.31 | 0.0794 | 0.103 | 0.0012 | 0.0012 | 0.168 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 9.43 | 17.5 | 13.26 | 1.931 | -- | -- | 14.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 13.2 | 32.6 | 23.69 | 5.871 | -- | -- | 26.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 12 | 18 | 67 | 0.0009 | 0.12 | 0.025 | 0.0373 | 0.0007 | 0.0007 | 0.0301 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 18 | 72 | 0.0009 | 0.13 | 0.0287 | 0.0428 | 0.0009 | 0.0009 | 0.0607 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 6.89 | 21.3 | 10.43 | 3.441 | -- | -- | 11.83 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | naphthalene | mg/kg | 8 | 18 | 44 | 0.001 | 0.017 | 0.00724 | 0.0057 | 0.00026 | 0.00046 | 0.00656 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte02ft | pyrene | mg/kg | 17 | 18 | 94 | 0.001 | 0.35 | 0.0555 | 0.0922 | 0.0008 | 0.0008 | 0.146 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | tetrachloroethene | µg/kg | 10 | 18 | 56 | 0.73 | 5.6 | 2.863 | 1.721 | 0.13 | 0.24 | 2.778 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte02ft | toluene | µg/kg | 8 | 18 | 44 | 0.13 | 0.3 | 0.218 | 0.065 | 0.12 | 0.15 | 0.216 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte02ft | tph as diesel | mg/kg | 12 | 18 | 67 | 9.5 | 460 | 113.2 | 142.9 | 4.8 | 4.8 | 135.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | tph as motor oil | mg/kg | 14 | 18 | 78 | 9.8 | 1500 | 346.8 | 476.3 | 7 | 7 | 728.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 38.2 | 56.6 | 45.92 | 5.724 | -- | -- | 48.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 38.1 | 78 | 58.43 | 9.758 | -- | -- | 62.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 27 | 48 | 0.0009 | 0.041 | 0.0142 | 0.0149 | 0.0006 | 0.0006 | 0.0114 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 5.39 | 10.5 | 7.83 | 1.61 | -- | -- | 8.358 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte05ft | bap teq | mg/kg | 18 | 27 | 67 | 0.000538 | 0.222 | 0.0348 | 0.0568 | 0.00053 | 0.00053 | 0.0415 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | benzene | µg/kg | 16 | 27 | 59 | 0.11 | 0.62 | 0.249 | 0.149 | 0.1 | 0.12 | 0.237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 27 | 56 | 0.001 | 0.14 | 0.0368 | 0.0481 | 0.0007 | 0.0007 | 0.0343 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 16 | 27 | 59 | 0.0006 | 0.13 | 0.0218 | 0.0354 | 0.0005 | 0.02 | 0.0234 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 27 | 59 | 0.0008 | 0.12 | 0.023 | 0.0368 | 0.0004 | 0.0004 | 0.0251 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24507 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 27 | 37 | 0.0013 | 0.095 | 0.02 | 0.0289 | 0.0011 | 0.045 | 0.015 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | cadmium | mg/kg | 24 | 27 | 89 | 0.094 | 0.336 | 0.192 | 0.0573 | 0.0883 | 0.0883 | 0.202 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte05ft | chrysene | mg/kg | 16 | 27 | 59 | 0.0014 | 0.31 | 0.0748 | 0.101 | 0.0012 | 0.0012 | 0.0759 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 9.43 | 17.5 | 13.02 | 1.905 | -- | -- | 13.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 9.86 | 32.6 | 21.16 | 6.329 | -- | -- | 23.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24507 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 13 | 27 | 48 | 0.0007 | 0.12 | 0.0231 | 0.0363 | 0.0007 | 0.0007 | 0.0206 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 27 | 52 | 0.0009 | 0.13 | 0.0268 | 0.0418 | 0.0009 | 0.0009 | 0.0259 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 5.35 | 21.3 | 9.255 | 3.286 | -- | -- | 10.29 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24507 marbella ave | lte05ft | naphthalene | mg/kg | 13 | 27 | 48 | 0.001 | 0.086 | 0.0117 | 0.0229 | 0.00025 | 0.00046 | 0.0117 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24507 marbella ave | lte05ft | pyrene | mg/kg | 19 | 27 | 70 | 0.001 | 0.35 | 0.0501 | 0.0885 | 0.0008 | 0.0008 | 0.101 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24507 marbella ave | lte05ft | tetrachloroethene | µg/kg | 15 | 27 | 56 | 0.73 | 5.7 | 3.315 | 1.84 | 0.13 | 0.24 | 2.919 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte05ft | toluene | µg/kg | 8 | 27 | 30 | 0.13 | 0.3 | 0.218 | 0.065 | 0.11 | 0.15 | 0.208 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte05ft | tph as diesel | mg/kg | 12 | 27 | 44 | 9.5 | 460 | 113.2 | 142.9 | 4.8 | 4.8 | 91.51 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | tph as gasoline | mg/kg | 5 | 27 | 19 | 0.056 | 0.12 | 0.0792 | 0.0244 | 0.045 | 0.056 | 0.0776 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte05ft | tph as motor oil | mg/kg | 14 | 27 | 52 | 9.8 | 1500 | 346.8 | 476.3 | 7 | 7 | 323.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 25.6 | 56.6 | 43.2 | 6.775 | -- | -- | 45.42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 34.1 | 78 | 53.44 | 11.14 | -- | -- | 57.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 13 | 36 | 36 | 0.0009 | 0.041 | 0.0142 | 0.0149 | 0.0006 | 0.0006 | 0.00887 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | antimony | mg/kg | 6 | 36 | 17 | 0.311 | 1.44 | 0.757 | 0.472 | 0.306 | 0.306 | 0.553 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 5.39 | 12.4 | 7.991 | 1.73 | -- | -- | 8.479 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte10ft | bap teq | mg/kg | 20 | 36 | 56 | 0.000538 | 0.222 | 0.0314 | 0.0548 | 0.00053 | 0.00053 | 0.0322 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | benzene | µg/kg | 16 | 36 | 44 | 0.11 | 0.62 | 0.249 | 0.149 | 0.1 | 0.12 | 0.206 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 16 | 36 | 44 | 0.001 | 0.14 | 0.0345 | 0.0474 | 0.0007 | 0.0007 | 0.026 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 17 | 36 | 47 | 0.0006 | 0.13 | 0.0206 | 0.0347 | 0.0005 | 0.02 | 0.0174 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 36 | 44 | 0.0008 | 0.12 | 0.023 | 0.0368 | 0.0004 | 0.0004 | 0.0183 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24507 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 36 | 28 | 0.0013 | 0.095 | 0.02 | 0.0289 | 0.0011 | 0.045 | 0.0116 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | cadmium | mg/kg | 33 | 36 | 92 | 0.094 | 0.336 | 0.183 | 0.0554 | 0.0883 | 0.0883 | 0.192 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte10ft | chrysene | mg/kg | 17 | 36 | 47 | 0.0014 | 0.31 | 0.0704 | 0.0996 | 0.0012 | 0.0012 | 0.0557 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 9.43 | 17.5 | 13.2 | 1.86 | -- | -- | 13.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 9.86 | 37.3 | 21.86 | 6.885 | -- | -- | 23.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 13 | 36 | 36 | 0.0007 | 0.12 | 0.0231 | 0.0363 | 0.0007 | 0.0007 | 0.0157 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 36 | 39 | 0.0009 | 0.13 | 0.0268 | 0.0418 | 0.0009 | 0.0009 | 0.0192 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 5.35 | 21.3 | 9.264 | 2.968 | -- | -- | 10.13 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24507 marbella ave | lte10ft | naphthalene | mg/kg | 16 | 36 | 44 | 0.001 | 0.086 | 0.01 | 0.0208 | 0.00025 | 0.00046 | 0.0099 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24507 marbella ave | lte10ft | pyrene | mg/kg | 22 | 36 | 61 | 0.001 | 0.35 | 0.0435 | 0.0837 | 0.0008 | 0.0008 | 0.0769 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24507 marbella ave | lte10ft | tetrachloroethene | µg/kg | 20 | 36 | 56 | 0.42 | 5.7 | 2.841 | 1.829 | 0.13 | 0.24 | 2.282 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | toluene | µg/kg | 8 | 36 | 22 | 0.13 | 0.3 | 0.218 | 0.065 | 0.11 | 0.15 | 0.204 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte10ft | tph as diesel | mg/kg | 12 | 36 | 33 | 9.5 | 460 | 113.2 | 142.9 | 4.8 | 4.8 | 71.39 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | tph as gasoline | mg/kg | 5 | 36 | 14 | 0.056 | 0.12 | 0.0792 | 0.0244 | 0.045 | 0.056 | 0.0781 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24507 marbella ave | lte10ft | tph as motor oil | mg/kg | 14 | 36 | 39 | 9.8 | 1500 | 346.8 | 476.3 | 7 | 7 | 237.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24507 marbella ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 25.6 | 79.2 | 45.55 | 9.875 | -- | -- | 48.4 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24507 marbella ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 34.1 | 78 | 53.34 | 10.6 | -- | -- | 56.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 11 | 55 | 46 | 9700 | 4299 | 4617 | 0.1 | 10 | 4707 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 11 | 100 | 0.0013 | 16 | 6.4 | 6.293 | -- | -- | 9.839 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 0.0012 | 28 | 10.52 | 10.56 | -- | -- | 16.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 4.84 | 14.6 | 9.39 | 2.394 | -- | -- | 10.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.00219 | 0.386 | 0.114 | 0.115 | -- | -- | 0.177 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | benzene | µg/kg | 5 | 11 | 45 | 0.24 | 2700 | 966 | 1029 | 0.12 | 12 | 1118 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 11 | 11 | 100 | 0.0023 | 0.49 | 0.143 | 0.148 | -- | -- | 0.224 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 11 | 91 | 0.0016 | 0.28 | 0.0738 | 0.083 | 0.2 | 0.2 | 0.179 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.0061 | 1.1 | 0.334 | 0.336 | -- | -- | 0.518 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 5.93 | 10.1 | 8.591 | 1.245 | -- | -- | 9.271 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 8.21 | 20.5 | 15.39 | 3.66 | -- | -- | 17.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 11 | 91 | 0.24 | 7500 | 2678 | 2536 | 0.13 | 0.13 | 3828 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 5.02 | 7.94 | 6.105 | 0.847 | -- | -- | 6.567 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | naphthalene | mg/kg | 11 | 11 | 100 | 0.00034 | 10 | 4.305 | 3.99 | -- | -- | 6.486 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.013 | 1.1 | 0.348 | 0.351 | -- | -- | 0.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 11 | 11 | 100 | 12 | 10000 | 4703 | 3889 | -- | -- | 6828 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 11 | 91 | 1.3 | 1700 | 584.8 | 590.8 | 0.057 | 0.057 | 854.4 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 18 | 11000 | 4846 | 4021 | -- | -- | 7043 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 25.3 | 41 | 34.33 | 4.439 | -- | -- | 36.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 11 | 55 | 0.65 | 5300 | 1756 | 2150 | 0.17 | 18 | 2155 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 26.9 | 43.5 | 37.45 | 5.242 | -- | -- | 40.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 18 | 83 | 0.0015 | 0.21 | 0.0284 | 0.0518 | 0.012 | 0.048 | 0.0744 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24508 neptune ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 3.45 | 8.06 | 5.8 | 1.25 | -- | -- | 6.312 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00453 | 1.09 | 0.106 | 0.249 | -- | -- | 0.361 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte02ft | benzene | µg/kg | 12 | 18 | 67 | 0.13 | 2.3 | 0.438 | 0.602 | 0.11 | 0.15 | 0.579 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 18 | 89 | 0.003 | 0.51 | 0.0646 | 0.123 | 0.013 | 0.052 | 0.179 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 18 | 94 | 0.003 | 0.87 | 0.0869 | 0.204 | 0.0039 | 0.0039 | 0.287 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 18 | 83 | 0.002 | 0.39 | 0.0496 | 0.0958 | 0.0028 | 0.007 | 0.133 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 18 | 39 | 0.0018 | 0.16 | 0.0365 | 0.0556 | 0.0056 | 0.09 | 0.0336 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 neptune ave | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.0052 | 2.3 | 0.222 | 0.525 | -- | -- | 0.762 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 6.71 | 11.5 | 8.933 | 1.384 | -- | -- | 9.501 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 9.18 | 20.8 | 14.4 | 3.528 | -- | -- | 15.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 12 | 18 | 67 | 0.0017 | 0.18 | 0.023 | 0.0499 | 0.0054 | 0.054 | 0.06 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 18 | 67 | 0.0022 | 0.3 | 0.0384 | 0.0829 | 0.0069 | 0.069 | 0.099 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 5.6 | 35.5 | 11.3 | 6.617 | -- | -- | 13.75 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 neptune ave | lte02ft | naphthalene | mg/kg | 8 | 18 | 44 | 0.00038 | 0.054 | 0.0135 | 0.0177 | 0.00025 | 0.00031 | 0.0119 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 neptune ave | lte02ft | pyrene | mg/kg | 17 | 18 | 94 | 0.0039 | 1.6 | 0.148 | 0.378 | 0.016 | 0.016 | 0.518 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte02ft | toluene | µg/kg | 10 | 18 | 56 | 0.16 | 0.41 | 0.259 | 0.089 | 0.11 | 0.14 | 0.255 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte02ft | tph as diesel | mg/kg | 18 | 18 | 100 | 8.4 | 3100 | 379.9 | 736.5 | -- | -- | 1137 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 26 | 7600 | 1044 | 1834 | -- | -- | 2929 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 23.2 | 36.5 | 30.62 | 3.768 | -- | -- | 32.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 28.7 | 64.4 | 41.73 | 9.289 | -- | -- | 45.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 29 | 24 | 0.0011 | 0.12 | 0.0249 | 0.043 | 0.0011 | 0.086 | 0.015 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 29 | 86 | 0.0013 | 0.21 | 0.0218 | 0.0412 | 0.0024 | 0.048 | 0.051 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | arsenic | mg/kg | 29 | 29 | 100 | 3.45 | 14.8 | 6.231 | 2.193 | -- | -- | 6.954 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte05ft | bap teq | mg/kg | 29 | 29 | 100 | 0.00174 | 1.09 | 0.0755 | 0.198 | -- | -- | 0.128 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | benzene | µg/kg | 16 | 29 | 55 | 0.13 | 2.3 | 0.428 | 0.534 | 0.11 | 0.15 | 0.437 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 27 | 29 | 93 | 0.002 | 0.51 | 0.0504 | 0.0961 | 0.013 | 0.052 | 0.123 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 27 | 29 | 93 | 0.0012 | 0.87 | 0.0626 | 0.164 | 0.0025 | 0.0039 | 0.187 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 25 | 29 | 86 | 0.0007 | 0.39 | 0.0345 | 0.0757 | 0.0018 | 0.007 | 0.0876 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 13 | 29 | 45 | 0.0015 | 0.16 | 0.0226 | 0.0423 | 0.0011 | 0.09 | 0.0234 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | chrysene | mg/kg | 29 | 29 | 100 | 0.0046 | 2.3 | 0.17 | 0.417 | -- | -- | 0.289 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | cobalt | mg/kg | 29 | 29 | 100 | 6.71 | 11.5 | 8.707 | 1.291 | -- | -- | 9.115 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte05ft | copper | mg/kg | 29 | 29 | 100 | 8.69 | 20.8 | 13.49 | 3.163 | -- | -- | 14.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 17 | 29 | 59 | 0.0017 | 0.18 | 0.0176 | 0.0423 | 0.0007 | 0.054 | 0.0385 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 29 | 59 | 0.0015 | 0.3 | 0.0289 | 0.0704 | 0.0009 | 0.069 | 0.0631 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | lead | mg/kg | 29 | 29 | 100 | 4.94 | 35.5 | 9.576 | 5.672 | -- | -- | 11.08 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 neptune ave | lte05ft | naphthalene | mg/kg | 17 | 29 | 59 | 0.0003 | 0.054 | 0.00938 | 0.0132 | 0.00025 | 0.00031 | 0.00944 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 neptune ave | lte05ft | pyrene | mg/kg | 28 | 29 | 97 | 0.0039 | 1.6 | 0.127 | 0.3 | 0.016 | 0.016 | 0.363 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | toluene | µg/kg | 13 | 29 | 45 | 0.14 | 0.41 | 0.238 | 0.0882 | 0.11 | 0.14 | 0.214 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte05ft | tph as diesel | mg/kg | 29 | 29 | 100 | 7.8 | 3100 | 423.6 | 723.8 | -- | -- | 1009 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | tph as gasoline | mg/kg | 10 | 29 | 34 | 0.074 | 3.9 | 0.536 | 1.187 | 0.0001 | 0.062 | 0.503 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte05ft | tph as motor oil | mg/kg | 29 | 29 | 100 | 11 | 7600 | 937.7 | 1585 | -- | -- | 2536 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte05ft | vanadium | mg/kg | 29 | 29 | 100 | 23.2 | 37.3 | 30.99 | 3.632 | -- | -- | 32.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte05ft | zinc | mg/kg | 29 | 29 | 100 | 28.6 | 64.4 | 38.82 | 8.385 | -- | -- | 41.48 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 40 | 18 | 0.1 | 9700 | 3684 | 4517 | 0.088 | 10 | 1290 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 18 | 40 | 45 | 0.0011 | 16 | 3.921 | 5.79 | 0.0011 | 0.086 | 2.93 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 36 | 40 | 90 | 0.0012 | 28 | 3.229 | 7.476 | 0.0024 | 0.048 | 7.842 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 3.45 | 14.8 | 7.1 | 2.638 | -- | -- | 7.81 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 neptune ave | lte10ft | bap teq | mg/kg | 40 | 40 | 100 | 0.00174 | 1.09 | 0.0861 | 0.179 | -- | -- | 0.164 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte10ft | benzene | µg/kg | 21 | 40 | 53 | 0.13 | 2700 | 230.3 | 624 | 0.11 | 12 | 443 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 38 | 40 | 95 | 0.002 | 0.51 | 0.0772 | 0.119 | 0.013 | 0.052 | 0.155 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 37 | 40 | 93 | 0.0012 | 0.87 | 0.0656 | 0.145 | 0.0025 | 0.2 | 0.159 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 29 | 40 | 73 | 0.0007 | 0.39 | 0.0307 | 0.0708 | 0.0018 | 0.14 | 0.0667 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 40 | 38 | 0.0015 | 0.16 | 0.0199 | 0.0398 | 0.0011 | 0.45 | 0.0186 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte10ft | chrysene | mg/kg | 40 | 40 | 100 | 0.0046 | 2.3 | 0.215 | 0.399 | -- | -- | 0.414 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 5.93 | 11.5 | 8.675 | 1.263 | -- | -- | 9.012 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 8.21 | 20.8 | 14.02 | 3.37 | -- | -- | 14.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 19 | 40 | 48 | 0.0014 | 0.18 | 0.0159 | 0.0402 | 0.0007 | 0.27 | 0.0188 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte10ft | ethylbenzene | µg/kg | 12 | 40 | 30 | 0.24 | 7500 | 2231 | 2520 | 0.12 | 0.18 | 1134 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 40 | 48 | 0.0015 | 0.3 | 0.0261 | 0.0669 | 0.0009 | 0.35 | 0.0302 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24508 neptune ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 4.94 | 35.5 | 8.621 | 5.074 | -- | -- | 10.06 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte10ft | naphthalene | mg/kg | 28 | 40 | 70 | 0.0003 | 10 | 1.697 | 3.234 | 0.00025 | 0.00031 | 3.131 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte10ft | pyrene | mg/kg | 39 | 40 | 98 | 0.0039 | 1.6 | 0.19 | 0.327 | 0.016 | 0.016 | 0.408 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte10ft | toluene | µg/kg | 13 | 40 | 33 | 0.14 | 0.41 | 0.238 | 0.0882 | 0.11 | 14 | 0.208 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte10ft | tph as diesel | mg/kg | 40 | 40 | 100 | 7.8 | 10000 | 1600 | 2828 | -- | -- | 3550 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte10ft | tph as gasoline | mg/kg | 20 | 40 | 50 | 0.074 | 1700 | 292.7 | 505.1 | 0.0001 | 0.062 | 413.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 neptune ave | lte10ft | tph as motor oil | mg/kg | 40 | 40 | 100 | 11 | 11000 | 2013 | 3012 | -- | -- | 4089 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 neptune ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 23.2 | 41 | 31.91 | 4.099 | -- | -- | 33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 neptune ave | lte10ft | xylenes, total | µg/kg | 8 | 40 | 20 | 0.21 | 5300 | 1317 | 1990 | 0.15 | 18 | 544.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 neptune ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 26.9 | 64.4 | 38.45 | 7.61 | -- | -- | 40.47 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 12 | 67 | 0.0007 | 0.0071 | 0.00338 | 0.00233 | 0.0006 | 0.0006 | 0.00381 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 3.32 | 6.58 | 4.763 | 0.887 | -- | -- | 5.223 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte02ft | bap teq | mg/kg | 5 | 12 | 42 | 0.000547 | 0.00587 | 0.00297 | 0.00196 | 0.00053 | 0.00053 | 0.00355 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte02ft | benzene | µg/kg | 5 | 12 | 42 | 0.16 | 0.37 | 0.236 | 0.0808 | 0.11 | 0.12 | 0.247 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte02ft | chrysene | mg/kg | 5 | 12 | 42 | 0.0023 | 0.023 | 0.0106 | 0.00894 | 0.0012 | 0.0012 | 0.0109 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 6.84 | 12 | 9.233 | 1.813 | -- | -- | 10.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 6.44 | 15.4 | 9.759 | 2.2 | -- | -- | 10.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 5.42 | 12.9 | 7.432 | 2.386 | -- | -- | 8.722 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 panama ave | lte02ft | pyrene | mg/kg | 8 | 12 | 67 | 0.0012 | 0.012 | 0.00448 | 0.00409 | 0.0008 | 0.0008 | 0.00534 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 panama ave | lte02ft | toluene | µg/kg | 9 | 12 | 75 | 0.13 | 0.27 | 0.188 | 0.0482 | 0.13 | 0.14 | 0.199 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 24.2 | 36.7 | 31.67 | 3.663 | -- | -- | 33.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 23.1 | 47.1 | 32.11 | 6.735 | -- | -- | 35.88 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24508 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 18 | 33 | 0.0012 | 0.0068 | 0.00327 | 0.00198 | 0.0011 | 0.0021 | 0.00309 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 18 | 67 | 0.0006 | 0.0095 | 0.0035 | 0.00286 | 0.0006 | 0.0006 | 0.00365 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | arsenic | mg/kg | 18 | 18 | 100 | 3.32 | 6.58 | 5.003 | 0.897 | -- | -- | 5.371 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | bap teq | mg/kg | 7 | 18 | 39 | 0.000547 | 0.00587 | 0.00238 | 0.0019 | 0.00053 | 0.00053 | 0.00214 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | benzene | µg/kg | 5 | 18 | 28 | 0.16 | 0.37 | 0.236 | 0.0808 | 0.11 | 0.12 | 0.24 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 5 | 18 | 28 | 0.0017 | 0.0082 | 0.00462 | 0.00309 | 0.0007 | 0.0007 | 0.00403 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 5 | 18 | 28 | 0.0005 | 0.0024 | 0.00148 | 0.00079498 | 0.0004 | 0.0007 | 0.00163 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 18 | 28 | 0.22 | 0.55 | 0.33 | 0.139 | 0.22 | 0.22 | 0.32 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | chrysene | mg/kg | 7 | 18 | 39 | 0.0018 | 0.023 | 0.00816 | 0.00841 | 0.0012 | 0.0012 | 0.00682 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 panama ave | lte05ft | cobalt | mg/kg | 18 | 18 | 100 | 6.37 | 12 | 8.973 | 1.638 | -- | -- | 9.644 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | copper | mg/kg | 18 | 18 | 100 | 6.44 | 15.4 | 9.277 | 1.967 | -- | -- | 10.09 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 panama ave | lte05ft | lead | mg/kg | 18 | 18 | 100 | 4.77 | 12.9 | 6.81 | 2.14 | -- | -- | 7.726 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 panama ave | lte05ft | naphthalene | mg/kg | 6 | 18 | 33 | 0.001 | 0.0037 | 0.00232 | 0.00102 | 0.00026 | 0.00031 | 0.00228 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | pyrene | mg/kg | 11 | 18 | 61 | 0.0012 | 0.012 | 0.00424 | 0.00365 | 0.0008 | 0.0008 | 0.00434 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 panama ave | lte05ft | toluene | µg/kg | 10 | 18 | 56 | 0.13 | 0.27 | 0.183 | 0.0479 | 0.12 | 0.14 | 0.18 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | vanadium | mg/kg | 18 | 18 | 100 | 24.2 | 36.7 | 31.51 | 3.579 | -- | -- | 32.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte05ft | zinc | mg/kg | 18 | 18 | 100 | 23.1 | 47.1 | 32.36 | 5.6 | -- | -- | 34.72 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 24 | 29 | 0.0012 | 0.0068 | 0.00301 | 0.00193 | 0.0011 | 0.0021 | 0.00262 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 13 | 24 | 54 | 0.0006 | 0.0095 | 0.00342 | 0.00275 | 0.0006 | 0.0006 | 0.00303 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte10ft | arsenic | mg/kg | 24 | 24 | 100 | 1.15 | 6.58 | 4.364 | 1.516 | -- | -- | 4.894 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte10ft | bap teq | mg/kg | 7 | 24 | 29 | 0.000547 | 0.00587 | 0.00238 | 0.0019 | 0.00053 | 0.00053 | 0.00191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte10ft | benzene | µg/kg | 10 | 24 | 42 | 0.16 | 9.6 | 2.478 | 3.149 | 0.11 | 0.12 | 1.952 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 5 | 24 | 21 | 0.0017 | 0.0082 | 0.00462 | 0.00309 | 0.0007 | 0.0007 | 0.00397 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 24 | 21 | 0.0005 | 0.0024 | 0.00148 | 0.00079498 | 0.0004 | 0.0007 | 0.00163 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte10ft | chromium, hexavalent | mg/kg | 5 | 24 | 21 | 0.22 | 0.55 | 0.33 | 0.139 | 0.22 | 0.22 | 0.307 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte10ft | chrysene | mg/kg | 7 | 24 | 29 | 0.0018 | 0.023 | 0.00816 | 0.00841 | 0.0012 | 0.0012 | 0.00558 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 panama ave | lte10ft | cobalt | mg/kg | 24 | 24 | 100 | 1.98 | 12 | 7.505 | 2.971 | -- | -- | 8.545 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte10ft | copper | mg/kg | 24 | 24 | 100 | 2.34 | 15.4 | 7.835 | 3.123 | -- | -- | 8.928 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte10ft | lead | mg/kg | 21 | 24 | 88 | 0.371 | 12.9 | 6.054 | 2.776 | 0.181 | 0.181 | 8.22 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 panama ave | lte10ft | naphthalene | mg/kg | 6 | 24 | 25 | 0.001 | 0.0037 | 0.00232 | 0.00102 | 0.00026 | 0.00032 | 0.00216 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 panama ave | lte10ft | pyrene | mg/kg | 15 | 24 | 63 | 0.0009 | 0.012 | 0.00341 | 0.0034 | 0.0008 | 0.0008 | 0.00373 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 panama ave | lte10ft | toluene | µg/kg | 15 | 24 | 63 | 0.13 | 1.2 | 0.393 | 0.365 | 0.12 | 0.14 | 0.41 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 panama ave | lte10ft | vanadium | mg/kg | 24 | 24 | 100 | 10.1 | 36.7 | 26.71 | 9.117 | -- | -- | 29.9 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 panama ave | lte10ft | zinc | mg/kg | 24 | 24 | 100 | 9.83 | 47.1 | 27.96 | 9.264 | -- | -- | 31.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 13 | 100 | 3.4 | 50000 | 15138 | 16229 | -- | -- | 48100 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 13 | 100 | 0.1 | 13000 | 3712 | 4900 | -- | -- | 13000 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 13 | 13 | 100 | 0.092 | 27 | 11.75 | 9.4 | -- | -- | 16.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24508 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 13 | 13 | 100 | 0.11 | 39 | 17.86 | 14.06 | -- | -- | 24.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 2.96 | 9.5 | 7.02 | 2.088 | -- | -- | 8.052 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | bap teq | mg/kg | 9 | 13 | 69 | 0.0333 | 0.884 | 0.253 | 0.271 | 0.103 | 0.411 | 0.333 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | benzene | µg/kg | 12 | 13 | 92 | 0.62 | 10000 | 4173 | 3639 | 11 | 11 | 5673 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 13 | 54 | 0.027 | 0.64 | 0.255 | 0.209 | 0.052 | 0.52 | 0.285 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 13 | 54 | 0.025 | 0.57 | 0.209 | 0.188 | 0.039 | 0.39 | 0.228 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 13 | 46 | 0.015 | 0.45 | 0.152 | 0.16 | 0.028 | 0.28 | 0.164 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | chrysene | mg/kg | 9 | 13 | 69 | 0.13 | 1 | 0.542 | 0.35 | 0.24 | 0.95 | 0.637 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 6.59 | 11.7 | 9.562 | 1.766 | -- | -- | 10.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 7.57 | 23.5 | 16.14 | 4.3 | -- | -- | 18.27 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 13 | 13 | 100 | 7 | 21000 | 7920 | 6656 | -- | -- | 11210 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 2.7 | 52.8 | 11.18 | 14.56 | -- | -- | 28.78 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 13 | 13 | 100 | 0.07 | 18 | 8.096 | 6.163 | -- | -- | 11.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | pyrene | mg/kg | 12 | 13 | 92 | 0.097 | 1.9 | 0.639 | 0.526 | 0.33 | 0.33 | 0.861 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 13 | 13 | 100 | 530 | 23000 | 8501 | 6522 | -- | -- | 11725 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 13 | 13 | 100 | 200 | 3800 | 1668 | 1337 | -- | -- | 2329 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 13 | 13 | 100 | 790 | 18000 | 7399 | 5400 | -- | -- | 10069 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 21.4 | 42.7 | 34.86 | 6.189 | -- | -- | 37.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 13 | 13 | 100 | 2.7 | 61000 | 15009 | 21615 | -- | -- | 53700 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 24.2 | 163 | 57.51 | 39.28 | -- | -- | 105 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 16 | 75 | 0.1 | 0.62 | 0.246 | 0.177 | 0.09 | 0.1 | 0.282 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 14 | 16 | 88 | 0.0018 | 0.022 | 0.00745 | 0.00595 | 0.0043 | 0.021 | 0.00941 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 16 | 94 | 0.0044 | 0.044 | 0.016 | 0.0112 | 0.012 | 0.012 | 0.0199 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 3.07 | 6.55 | 4.418 | 0.952 | -- | -- | 4.835 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte02ft | bap teq | mg/kg | 15 | 16 | 94 | 0.00375 | 0.0997 | 0.0226 | 0.0286 | 0.00208 | 0.00208 | 0.052 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 ravenna ave | lte02ft | benzene | µg/kg | 6 | 16 | 38 | 0.12 | 0.34 | 0.202 | 0.1 | 0.1 | 0.12 | 0.184 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 16 | 94 | 0.0026 | 0.039 | 0.0143 | 0.0111 | 0.0026 | 0.0026 | 0.0185 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0028 | 0.085 | 0.0175 | 0.0238 | 0.002 | 0.002 | 0.042 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 16 | 94 | 0.0017 | 0.033 | 0.00884 | 0.0092 | 0.0014 | 0.0014 | 0.0183 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte02ft | chrysene | mg/kg | 15 | 16 | 94 | 0.0069 | 0.19 | 0.0486 | 0.0522 | 0.0047 | 0.0047 | 0.102 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 7.13 | 10.5 | 8.346 | 1.026 | -- | -- | 8.795 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 8.24 | 16.8 | 11.55 | 1.922 | -- | -- | 12.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 11 | 16 | 69 | 0.0009 | 0.021 | 0.0044 | 0.00574 | 0.0007 | 0.013 | 0.00578 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 16 | 81 | 0.001 | 0.026 | 0.00675 | 0.00811 | 0.0035 | 0.0035 | 0.0141 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.27 | 12.6 | 6.913 | 2.658 | -- | -- | 8.078 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte02ft | naphthalene | mg/kg | 15 | 16 | 94 | 0.0031 | 0.031 | 0.00899 | 0.00828 | 0.00028 | 0.00028 | 0.0175 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte02ft | pyrene | mg/kg | 15 | 16 | 94 | 0.005 | 0.26 | 0.038 | 0.0688 | 0.0033 | 0.0033 | 0.109 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte02ft | toluene | µg/kg | 8 | 16 | 50 | 0.13 | 0.26 | 0.169 | 0.0452 | 0.12 | 0.13 | 0.168 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 12 | 1100 | 245.1 | 351.1 | -- | -- | 452.2 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 ravenna ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 39 | 2100 | 484.8 | 620.1 | -- | -- | 841.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 26.3 | 41.4 | 30.61 | 3.838 | -- | -- | 32.31 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte02ft | xylenes, total | µg/kg | 5 | 16 | 31 | 0.17 | 0.4 | 0.24 | 0.093 | 0.16 | 0.18 | 0.236 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 30.3 | 43.1 | 35.31 | 4.099 | -- | -- | 37.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 26 | 65 | 0.1 | 56 | 4.274 | 13.63 | 0.09 | 9.3 | 12.42 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 21 | 26 | 81 | 0.0017 | 7.8 | 0.835 | 2.228 | 0.0011 | 0.21 | 2.411 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 24 | 26 | 92 | 0.0014 | 11 | 1.078 | 3.124 | 0.012 | 0.12 | 3.574 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 2.31 | 9.6 | 4.667 | 1.665 | -- | -- | 5.238 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte05ft | bap teq | mg/kg | 25 | 26 | 96 | 0.000928 | 0.598 | 0.0575 | 0.124 | 0.00208 | 0.00208 | 0.159 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | benzene | µg/kg | 11 | 26 | 42 | 0.11 | 11 | 2.176 | 3.784 | 0.1 | 11 | 3.331 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 26 | 96 | 0.0007 | 0.42 | 0.0431 | 0.0881 | 0.0026 | 0.0026 | 0.116 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 25 | 26 | 96 | 0.0006 | 0.48 | 0.0443 | 0.0982 | 0.002 | 0.002 | 0.125 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 22 | 26 | 85 | 0.0006 | 0.2 | 0.0199 | 0.0424 | 0.0004 | 0.07 | 0.0512 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 26 | 19 | 0.0014 | 0.0098 | 0.00392 | 0.00339 | 0.0011 | 0.23 | 0.00384 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | chrysene | mg/kg | 25 | 26 | 96 | 0.0019 | 1.4 | 0.134 | 0.287 | 0.0047 | 0.0047 | 0.37 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 7.07 | 11.4 | 8.723 | 1.336 | -- | -- | 9.18 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 8.03 | 17.8 | 11.91 | 2.69 | -- | -- | 12.84 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 13 | 26 | 50 | 0.0009 | 0.021 | 0.00436 | 0.00524 | 0.0007 | 0.13 | 0.0047 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte05ft | ethylbenzene | µg/kg | 7 | 26 | 27 | 0.16 | 100 | 18.31 | 36.57 | 0.12 | 12 | 12.05 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 26 | 58 | 0.001 | 0.026 | 0.00645 | 0.00756 | 0.0009 | 0.17 | 0.00735 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24508 ravenna ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 3.27 | 12.6 | 6.813 | 2.592 | -- | -- | 7.681 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | naphthalene | mg/kg | 24 | 26 | 92 | 0.0017 | 3.7 | 0.346 | 0.952 | 0.00026 | 0.00028 | 1.105 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte05ft | pyrene | mg/kg | 25 | 26 | 96 | 0.0024 | 1.9 | 0.156 | 0.395 | 0.0033 | 0.0033 | 0.482 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte05ft | toluene | µg/kg | 11 | 26 | 42 | 0.13 | 0.73 | 0.221 | 0.173 | 0.12 | 12 | 0.216 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte05ft | tph as diesel | mg/kg | 25 | 26 | 96 | 12 | 6800 | 904 | 1763 | 4.8 | 4.8 | 2355 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | tph as gasoline | mg/kg | 8 | 26 | 31 | 0.056 | 390 | 87.67 | 141 | 0.046 | 0.056 | 103.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte05ft | tph as motor oil | mg/kg | 25 | 26 | 96 | 38 | 8500 | 1092 | 1912 | 7 | 7 | 2664 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 ravenna ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 23.7 | 41.4 | 31.44 | 4.7 | -- | -- | 33.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte05ft | xylenes, total | µg/kg | 10 | 26 | 38 | 0.17 | 29 | 3.712 | 9.017 | 0.16 | 16 | 6.573 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 25.9 | 43.4 | 35.33 | 5.117 | -- | -- | 37.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 30 | 39 | 77 | 0.1 | 50000 | 6562 | 12929 | 0.09 | 9.3 | 13203 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 17 | 39 | 44 | 0.1 | 13000 | 2839 | 4543 | 0.076 | 7.9 | 2137 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 34 | 39 | 87 | 0.0017 | 27 | 5.007 | 8.007 | 0.0011 | 0.21 | 9.716 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 37 | 39 | 95 | 0.0014 | 39 | 6.973 | 11.75 | 0.012 | 0.12 | 14.68 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | arsenic | mg/kg | 39 | 39 | 100 | 2.31 | 9.6 | 5.451 | 2.112 | -- | -- | 6.062 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte10ft | bap teq | mg/kg | 34 | 39 | 87 | 0.000928 | 0.884 | 0.109 | 0.191 | 0.00208 | 0.411 | 0.229 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte10ft | benzene | µg/kg | 23 | 39 | 59 | 0.11 | 10000 | 2178 | 3341 | 0.1 | 11 | 3232 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 32 | 39 | 82 | 0.0007 | 0.64 | 0.0894 | 0.15 | 0.0026 | 0.52 | 0.179 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 32 | 39 | 82 | 0.0006 | 0.57 | 0.0802 | 0.138 | 0.002 | 0.39 | 0.161 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 39 | 72 | 0.0006 | 0.45 | 0.0482 | 0.096 | 0.0004 | 0.28 | 0.0971 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 39 | 18 | 0.0014 | 0.034 | 0.0087 | 0.0116 | 0.0011 | 0.9 | 0.00625 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte10ft | chrysene | mg/kg | 34 | 39 | 87 | 0.0019 | 1.4 | 0.242 | 0.351 | 0.0047 | 0.95 | 0.46 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte10ft | cobalt | mg/kg | 39 | 39 | 100 | 6.59 | 11.7 | 9.003 | 1.523 | -- | -- | 9.427 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24508 ravenna ave | lte10ft | copper | mg/kg | 39 | 39 | 100 | 7.57 | 23.5 | 13.32 | 3.833 | -- | -- | 14.48 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24508 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 16 | 39 | 41 | 0.0009 | 0.31 | 0.0252 | 0.0764 | 0.0007 | 0.54 | 0.0291 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | ethylbenzene | µg/kg | 20 | 39 | 51 | 0.16 | 21000 | 5154 | 6552 | 0.12 | 12 | 4268 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 39 | 46 | 0.001 | 0.67 | 0.0445 | 0.156 | 0.0009 | 0.69 | 0.104 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | lead | mg/kg | 39 | 39 | 100 | 2.7 | 52.8 | 8.27 | 8.7 | -- | -- | 14.34 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | naphthalene | mg/kg | 37 | 39 | 95 | 0.0017 | 18 | 3.069 | 5.226 | 0.00026 | 0.00028 | 6.496 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | pyrene | mg/kg | 37 | 39 | 95 | 0.0024 | 1.9 | 0.312 | 0.491 | 0.0033 | 0.33 | 0.635 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | toluene | µg/kg | 14 | 39 | 36 | 0.13 | 150 | 10.93 | 40.03 | 0.12 | 160 | 21.72 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | tph as diesel | mg/kg | 38 | 39 | 97 | 12 | 23000 | 3503 | 5399 | 4.8 | 4.8 | 7154 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24508 ravenna ave | lte10ft | tph as gasoline | mg/kg | 21 | 39 | 54 | 0.056 | 3800 | 1066 | 1303 | 0.046 | 0.056 | 882.9 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 ravenna ave | lte10ft | tph as motor oil | mg/kg | 38 | 39 | 97 | 38 | 18000 | 3250 | 4585 | 7 | 7 | 6347 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 ravenna ave | lte10ft | vanadium | mg/kg | 39 | 39 | 100 | 21.4 | 42.7 | 32.58 | 5.413 | -- | -- | 34.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24508 ravenna ave | lte10ft | xylenes, total | µg/kg | 23 | 39 | 59 | 0.17 | 61000 | 8485 | 17683 | 0.16 | 16 | 9175 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24508 ravenna ave | lte10ft | zinc | mg/kg | 39 | 39 | 100 | 24.2 | 163 | 42.72 | 24.84 | -- | -- | 49.85 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 10 | 50 | 0.098 | 0.47 | 0.276 | 0.165 | 0.091 | 0.88 | 0.357 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 9 | 10 | 90 | 0.0014 | 2.5 | 0.624 | 0.953 | 0.0054 | 0.0054 | 1.838 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.0036 | 3.9 | 0.826 | 1.424 | -- | -- | 3.9 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 3.85 | 15.2 | 7.551 | 3.6 | -- | -- | 9.638 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.00779 | 0.405 | 0.0858 | 0.136 | -- | -- | 0.274 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | benzene | µg/kg | 8 | 10 | 80 | 0.1 | 0.25 | 0.164 | 0.0507 | 0.64 | 0.84 | 0.197 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 10 | 90 | 0.0046 | 0.27 | 0.0712 | 0.106 | 0.021 | 0.021 | 0.206 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 10 | 80 | 0.0066 | 0.33 | 0.0796 | 0.121 | 0.02 | 0.021 | 0.22 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 10 | 60 | 0.0045 | 0.19 | 0.0633 | 0.0743 | 0.0007 | 0.018 | 0.0811 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | cadmium | mg/kg | 7 | 10 | 70 | 0.31 | 0.64 | 0.433 | 0.118 | 0.0883 | 0.0883 | 0.463 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.027 | 0.78 | 0.199 | 0.265 | -- | -- | 0.446 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 6.94 | 10.6 | 8.417 | 1.24 | -- | -- | 9.136 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 11 | 21.8 | 15.25 | 3.38 | -- | -- | 17.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 5.2 | 26.7 | 9.74 | 6.507 | -- | -- | 13.77 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 neptune ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.00051 | 1.3 | 0.255 | 0.449 | -- | -- | 1.234 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.024 | 1.4 | 0.269 | 0.429 | -- | -- | 0.861 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | toluene | µg/kg | 5 | 10 | 50 | 0.21 | 0.33 | 0.254 | 0.0503 | 0.12 | 0.85 | 0.272 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 100 | 4800 | 1318 | 1450 | -- | -- | 2635 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 9 | 10 | 90 | 0.16 | 200 | 23.41 | 66.25 | 0.051 | 0.051 | 108.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 170 | 5300 | 1752 | 1674 | -- | -- | 3266 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 24 | 41.2 | 33.11 | 5.086 | -- | -- | 36.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 5 | 10 | 50 | 0.3 | 61 | 12.84 | 26.93 | 0.16 | 16 | 34.56 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24509 neptune ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 28.6 | 44.2 | 37.01 | 5.687 | -- | -- | 40.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 14 | 57 | 0.0014 | 0.0091 | 0.00323 | 0.00248 | 0.0011 | 0.043 | 0.0037 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.0017 | 0.026 | 0.00712 | 0.00684 | 0.0006 | 0.0006 | 0.0146 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 1.46 | 10.7 | 5.491 | 2.502 | -- | -- | 6.675 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.000575 | 0.111 | 0.0265 | 0.0349 | -- | -- | 0.0505 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte02ft | benzene | µg/kg | 12 | 14 | 86 | 0.1 | 0.41 | 0.213 | 0.085 | 0.11 | 0.12 | 0.241 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.0008 | 0.081 | 0.0185 | 0.023 | -- | -- | 0.0337 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.0008 | 0.085 | 0.0207 | 0.0269 | 0.0005 | 0.0005 | 0.0502 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 14 | 86 | 0.0023 | 0.085 | 0.017 | 0.0266 | 0.0004 | 0.0004 | 0.0442 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 neptune ave | lte02ft | cadmium | mg/kg | 10 | 14 | 71 | 0.27 | 0.53 | 0.429 | 0.0821 | 0.0883 | 0.0883 | 0.444 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte02ft | chrysene | mg/kg | 13 | 14 | 93 | 0.0042 | 0.37 | 0.0646 | 0.0967 | 0.0012 | 0.0012 | 0.17 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 3.24 | 11.3 | 7.829 | 2.02 | -- | -- | 8.785 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 11.3 | 20.4 | 14.65 | 2.558 | -- | -- | 15.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 14 | 57 | 0.0009 | 0.017 | 0.00419 | 0.00532 | 0.0007 | 0.018 | 0.00579 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 14 | 71 | 0.0013 | 0.035 | 0.00735 | 0.01 | 0.0009 | 0.017 | 0.0162 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 5.4 | 32.1 | 11.03 | 6.961 | -- | -- | 14.32 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte02ft | naphthalene | mg/kg | 7 | 14 | 50 | 0.0018 | 0.0034 | 0.00263 | 0.0005908 | 0.00024 | 0.00038 | 0.00266 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0011 | 0.4 | 0.0493 | 0.103 | -- | -- | 0.104 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte02ft | toluene | µg/kg | 10 | 14 | 71 | 0.14 | 0.44 | 0.298 | 0.101 | 0.11 | 0.13 | 0.317 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte02ft | tph as diesel | mg/kg | 11 | 14 | 79 | 23 | 1100 | 283.5 | 349.5 | 4.8 | 4.8 | 611.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte02ft | tph as gasoline | mg/kg | 8 | 14 | 57 | 0.076 | 0.18 | 0.13 | 0.0307 | 0.046 | 0.059 | 0.134 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte02ft | tph as motor oil | mg/kg | 11 | 14 | 79 | 83 | 2700 | 789.3 | 887.6 | 7 | 7 | 1620 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 11.7 | 36.1 | 29.03 | 6.271 | -- | -- | 32.95 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 34 | 87.4 | 50.27 | 16.98 | -- | -- | 58.83 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 21 | 24 | 0.17 | 0.27 | 0.202 | 0.0409 | 0.088 | 0.11 | 0.203 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 21 | 48 | 0.0014 | 0.056 | 0.0104 | 0.0172 | 0.0011 | 0.043 | 0.0113 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 21 | 95 | 0.0017 | 0.093 | 0.0151 | 0.0219 | 0.0006 | 0.0006 | 0.035 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte05ft | antimony | mg/kg | 6 | 21 | 29 | 0.33 | 0.52 | 0.407 | 0.0641 | 0.28 | 0.306 | 0.406 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte05ft | arsenic | mg/kg | 21 | 21 | 100 | 1.46 | 10.7 | 5.279 | 2.454 | -- | -- | 6.203 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte05ft | bap teq | mg/kg | 21 | 21 | 100 | 0.000575 | 0.282 | 0.0491 | 0.0686 | -- | -- | 0.0828 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte05ft | benzene | µg/kg | 15 | 21 | 71 | 0.1 | 0.41 | 0.201 | 0.08 | 0.1 | 0.12 | 0.208 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 21 | 100 | 0.0008 | 0.22 | 0.0414 | 0.0626 | -- | -- | 0.0719 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 21 | 95 | 0.0008 | 0.24 | 0.0389 | 0.0573 | 0.0005 | 0.0005 | 0.0908 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 21 | 81 | 0.0016 | 0.085 | 0.0209 | 0.0272 | 0.0004 | 0.014 | 0.0417 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 21 | 29 | 0.0026 | 0.054 | 0.016 | 0.0196 | 0.0011 | 0.029 | 0.0115 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte05ft | cadmium | mg/kg | 15 | 21 | 71 | 0.27 | 0.54 | 0.419 | 0.0829 | 0.0883 | 0.0883 | 0.421 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte05ft | chrysene | mg/kg | 20 | 21 | 95 | 0.0042 | 0.73 | 0.136 | 0.201 | 0.0012 | 0.0012 | 0.318 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte05ft | cobalt | mg/kg | 21 | 21 | 100 | 3.24 | 11.3 | 7.946 | 1.82 | -- | -- | 8.631 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte05ft | copper | mg/kg | 21 | 21 | 100 | 9.02 | 20.6 | 14.06 | 3.155 | -- | -- | 15.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 21 | 57 | 0.0009 | 0.027 | 0.0071 | 0.00833 | 0.0007 | 0.027 | 0.0077 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 21 | 71 | 0.001 | 0.035 | 0.00816 | 0.00918 | 0.0009 | 0.035 | 0.0148 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte05ft | lead | mg/kg | 21 | 21 | 100 | 5.4 | 32.1 | 10.7 | 5.951 | -- | -- | 12.8 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte05ft | naphthalene | mg/kg | 10 | 21 | 48 | 0.00038 | 0.0034 | 0.00223 | 0.00090275 | 0.00024 | 0.00038 | 0.00221 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte05ft | pyrene | mg/kg | 21 | 21 | 100 | 0.0011 | 1.1 | 0.144 | 0.273 | -- | -- | 0.404 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte05ft | toluene | µg/kg | 12 | 21 | 57 | 0.14 | 0.44 | 0.282 | 0.0992 | 0.11 | 0.13 | 0.268 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte05ft | tph as diesel | mg/kg | 18 | 21 | 86 | 23 | 7000 | 650.4 | 1611 | 4.8 | 4.8 | 1996 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte05ft | tph as gasoline | mg/kg | 12 | 21 | 57 | 0.076 | 0.25 | 0.137 | 0.0449 | 0.046 | 0.059 | 0.134 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte05ft | tph as motor oil | mg/kg | 18 | 21 | 86 | 83 | 11000 | 1282 | 2529 | 7 | 7 | 3376 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte05ft | vanadium | mg/kg | 21 | 21 | 100 | 11.7 | 37.9 | 29.69 | 5.85 | -- | -- | 32.42 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 neptune ave | lte05ft | zinc | mg/kg | 21 | 21 | 100 | 26.5 | 87.4 | 45.97 | 16.2 | -- | -- | 52.44 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 31 | 32 | 0.098 | 0.47 | 0.239 | 0.12 | 0.088 | 0.88 | 0.206 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 19 | 31 | 61 | 0.0014 | 2.5 | 0.301 | 0.709 | 0.0011 | 0.043 | 0.636 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 30 | 31 | 97 | 0.0017 | 3.9 | 0.286 | 0.884 | 0.0006 | 0.0006 | 0.958 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 neptune ave | lte10ft | antimony | mg/kg | 10 | 31 | 32 | 0.28 | 0.55 | 0.406 | 0.0965 | 0.28 | 0.306 | 0.378 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte10ft | arsenic | mg/kg | 31 | 31 | 100 | 1.46 | 15.2 | 6.012 | 3.012 | -- | -- | 7.056 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte10ft | bap teq | mg/kg | 31 | 31 | 100 | 0.000575 | 0.405 | 0.0609 | 0.095 | -- | -- | 0.158 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte10ft | benzene | µg/kg | 23 | 31 | 74 | 0.1 | 0.41 | 0.188 | 0.0722 | 0.1 | 0.84 | 0.194 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 30 | 31 | 97 | 0.0008 | 0.27 | 0.0503 | 0.0773 | 0.021 | 0.021 | 0.109 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 28 | 31 | 90 | 0.0008 | 0.33 | 0.0505 | 0.0803 | 0.0005 | 0.021 | 0.107 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24509 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 31 | 74 | 0.0016 | 0.19 | 0.032 | 0.0464 | 0.0004 | 0.018 | 0.0574 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 31 | 29 | 0.0013 | 0.085 | 0.0205 | 0.0294 | 0.0011 | 0.09 | 0.0133 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte10ft | cadmium | mg/kg | 22 | 31 | 71 | 0.27 | 0.64 | 0.424 | 0.0928 | 0.0883 | 0.0883 | 0.417 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte10ft | chrysene | mg/kg | 30 | 31 | 97 | 0.0042 | 0.78 | 0.157 | 0.222 | 0.0012 | 0.0012 | 0.324 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte10ft | cobalt | mg/kg | 31 | 31 | 100 | 3.24 | 11.3 | 8.098 | 1.649 | -- | -- | 8.601 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte10ft | copper | mg/kg | 31 | 31 | 100 | 9.02 | 21.8 | 14.44 | 3.222 | -- | -- | 15.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 15 | 31 | 48 | 0.0009 | 0.027 | 0.00777 | 0.0089 | 0.0007 | 0.054 | 0.00723 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 31 | 61 | 0.001 | 0.071 | 0.0142 | 0.0217 | 0.0009 | 0.035 | 0.0239 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte10ft | lead | mg/kg | 31 | 31 | 100 | 5.2 | 32.1 | 10.39 | 6.044 | -- | -- | 12.31 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 neptune ave | lte10ft | naphthalene | mg/kg | 20 | 31 | 65 | 0.00038 | 1.3 | 0.129 | 0.335 | 0.00024 | 0.00038 | 0.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 neptune ave | lte10ft | pyrene | mg/kg | 31 | 31 | 100 | 0.0011 | 1.4 | 0.184 | 0.329 | -- | -- | 0.442 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte10ft | toluene | µg/kg | 17 | 31 | 55 | 0.14 | 0.44 | 0.274 | 0.087 | 0.11 | 0.85 | 0.257 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte10ft | tph as diesel | mg/kg | 28 | 31 | 90 | 23 | 7000 | 888.8 | 1562 | 4.8 | 4.8 | 1985 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte10ft | tph as gasoline | mg/kg | 21 | 31 | 68 | 0.076 | 200 | 10.11 | 43.53 | 0.046 | 0.059 | 35.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 neptune ave | lte10ft | tph as motor oil | mg/kg | 28 | 31 | 90 | 83 | 11000 | 1450 | 2240 | 7 | 7 | 3015 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 neptune ave | lte10ft | vanadium | mg/kg | 31 | 31 | 100 | 11.7 | 41.2 | 30.79 | 5.764 | -- | -- | 32.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 neptune ave | lte10ft | xylenes, total | µg/kg | 5 | 31 | 16 | 0.3 | 61 | 12.84 | 26.93 | 0.15 | 16 | 11.71 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 neptune ave | lte10ft | zinc | mg/kg | 31 | 31 | 100 | 26.5 | 87.4 | 43.08 | 14.24 | -- | -- | 47.55 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 15 | 87 | 0.16 | 15000 | 2427 | 4455 | 10 | 13 | 6869 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 15 | 47 | 0.23 | 5200 | 909.6 | 1922 | 0.089 | 11 | 1062 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 15 | 15 | 100 | 0.027 | 9.3 | 3.983 | 3.534 | -- | -- | 7.874 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 15 | 15 | 100 | 0.026 | 15 | 5.797 | 5.349 | -- | -- | 11.93 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | arsenic | mg/kg | 15 | 15 | 100 | 1.79 | 12.1 | 4.684 | 2.723 | -- | -- | 5.969 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | bap teq | mg/kg | 12 | 15 | 80 | 0.0123 | 0.188 | 0.0741 | 0.0651 | 0.0261 | 0.208 | 0.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | benzene | µg/kg | 9 | 15 | 60 | 0.16 | 2600 | 730.3 | 989.4 | 10 | 15 | 826.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 11 | 15 | 73 | 0.015 | 0.27 | 0.0861 | 0.0791 | 0.033 | 0.26 | 0.111 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 11 | 15 | 73 | 0.009 | 0.13 | 0.0521 | 0.0458 | 0.025 | 0.2 | 0.068 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 15 | 53 | 0.0055 | 0.037 | 0.0151 | 0.0115 | 0.014 | 0.14 | 0.0191 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | cadmium | mg/kg | 6 | 15 | 40 | 0.0917 | 0.194 | 0.134 | 0.0376 | 0.0883 | 0.0883 | 0.144 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | chrysene | mg/kg | 12 | 15 | 80 | 0.032 | 0.59 | 0.206 | 0.175 | 0.059 | 0.47 | 0.27 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | cobalt | mg/kg | 15 | 15 | 100 | 6.01 | 10.2 | 8.413 | 1.504 | -- | -- | 9.096 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | copper | mg/kg | 15 | 15 | 100 | 9.49 | 22.4 | 14.74 | 3.663 | -- | -- | 16.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 15 | 15 | 100 | 1.5 | 8600 | 2369 | 2984 | -- | -- | 5865 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | lead | mg/kg | 15 | 15 | 100 | 4.11 | 9.96 | 6.652 | 1.942 | -- | -- | 7.535 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | naphthalene | mg/kg | 15 | 15 | 100 | 0.11 | 11 | 3.651 | 3.131 | -- | -- | 5.074 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | pyrene | mg/kg | 14 | 15 | 93 | 0.032 | 0.64 | 0.277 | 0.228 | 0.33 | 0.33 | 0.521 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | tph as diesel | mg/kg | 15 | 15 | 100 | 240 | 12000 | 4327 | 3781 | -- | -- | 7209 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 15 | 15 | 100 | 3.1 | 1800 | 494.8 | 631.5 | -- | -- | 1206 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 15 | 15 | 100 | 340 | 12000 | 4704 | 3872 | -- | -- | 6465 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | vanadium | mg/kg | 15 | 15 | 100 | 22.9 | 38.7 | 30.68 | 5.995 | -- | -- | 33.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | xylenes, total | µg/kg | 12 | 15 | 80 | 0.34 | 20000 | 2005 | 5706 | 0.19 | 19 | 7425 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | gt05lte10ft | zinc | mg/kg | 15 | 15 | 100 | 25.1 | 57.1 | 37.48 | 9.52 | -- | -- | 41.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 20 | 65 | 0.0031 | 0.17 | 0.0236 | 0.0447 | 0.006 | 0.024 | 0.0535 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte02ft | antimony | mg/kg | 7 | 20 | 35 | 0.382 | 0.742 | 0.586 | 0.148 | 0.306 | 0.306 | 0.579 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 0.576 | 7.56 | 2.223 | 1.507 | -- | -- | 2.847 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00552 | 0.504 | 0.066 | 0.107 | -- | -- | 0.102 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 panama ave | lte02ft | benzene | µg/kg | 14 | 20 | 70 | 0.13 | 2.1 | 0.437 | 0.495 | 0.11 | 0.13 | 0.562 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 19 | 20 | 95 | 0.0044 | 0.22 | 0.0467 | 0.0591 | 0.0065 | 0.0065 | 0.101 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 20 | 20 | 100 | 0.004 | 0.44 | 0.0521 | 0.0939 | -- | -- | 0.0829 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 17 | 20 | 85 | 0.003 | 0.094 | 0.0279 | 0.0228 | 0.0035 | 0.007 | 0.0337 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 11 | 20 | 55 | 0.0027 | 0.077 | 0.0227 | 0.0209 | 0.0056 | 0.045 | 0.0237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte02ft | cadmium | mg/kg | 10 | 20 | 50 | 0.0951 | 1.85 | 0.405 | 0.534 | 0.0883 | 0.0883 | 0.427 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte02ft | chrysene | mg/kg | 19 | 20 | 95 | 0.0066 | 0.66 | 0.118 | 0.168 | 0.012 | 0.012 | 0.274 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 6.39 | 11.7 | 8.483 | 1.317 | -- | -- | 8.992 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 8.7 | 33.3 | 13.95 | 6.045 | -- | -- | 16.39 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 20 | 40 | 0.0018 | 0.039 | 0.0124 | 0.0115 | 0.0013 | 0.027 | 0.0111 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 20 | 60 | 0.0022 | 0.047 | 0.0186 | 0.0142 | 0.0043 | 0.035 | 0.0192 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 6.57 | 48.4 | 13.34 | 9.703 | -- | -- | 22.8 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte02ft | naphthalene | mg/kg | 11 | 20 | 55 | 0.00031 | 0.012 | 0.00279 | 0.00357 | 0.00026 | 0.00033 | 0.0029 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24509 panama ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0068 | 2.1 | 0.211 | 0.515 | -- | -- | 0.714 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte02ft | toluene | µg/kg | 12 | 20 | 60 | 0.17 | 6.1 | 0.924 | 1.65 | 0.12 | 0.15 | 1.201 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte02ft | tph as diesel | mg/kg | 20 | 20 | 100 | 52 | 6500 | 799.4 | 1724 | -- | -- | 2479 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte02ft | tph as gasoline | mg/kg | 12 | 20 | 60 | 0.056 | 6.3 | 0.642 | 1.785 | 0.049 | 0.06 | 1.786 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte02ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 170 | 12000 | 1612 | 2944 | -- | -- | 4481 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 20.6 | 38.3 | 30.65 | 4.694 | -- | -- | 32.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte02ft | xylenes, total | µg/kg | 5 | 20 | 25 | 0.17 | 2.1 | 0.744 | 0.776 | 0.15 | 0.2 | 0.498 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 27.5 | 189 | 48.53 | 36.24 | -- | -- | 63.58 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 32 | 31 | 0.11 | 280 | 28.52 | 88.37 | 0.088 | 0.12 | 48.52 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 11 | 32 | 34 | 0.0012 | 8 | 0.807 | 2.389 | 0.0021 | 0.043 | 0.715 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 24 | 32 | 75 | 0.0018 | 10 | 0.461 | 2.035 | 0.003 | 0.024 | 1.713 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | antimony | mg/kg | 9 | 32 | 28 | 0.382 | 0.742 | 0.557 | 0.142 | 0.306 | 0.306 | 0.491 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte05ft | arsenic | mg/kg | 32 | 32 | 100 | 0.575 | 7.56 | 2.333 | 1.5 | -- | -- | 2.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte05ft | bap teq | mg/kg | 31 | 32 | 97 | 0.00271 | 0.504 | 0.0485 | 0.0887 | 0.208 | 0.208 | 0.115 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 panama ave | lte05ft | benzene | µg/kg | 21 | 32 | 66 | 0.13 | 2.1 | 0.394 | 0.418 | 0.11 | 11 | 0.451 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 30 | 32 | 94 | 0.0027 | 0.22 | 0.0361 | 0.0491 | 0.0065 | 0.26 | 0.0731 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 31 | 32 | 97 | 0.002 | 0.44 | 0.0379 | 0.0773 | 0.2 | 0.2 | 0.0963 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 25 | 32 | 78 | 0.0013 | 0.094 | 0.0208 | 0.0215 | 0.0035 | 0.14 | 0.0243 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 13 | 32 | 41 | 0.0024 | 0.077 | 0.02 | 0.0203 | 0.0011 | 0.45 | 0.0161 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte05ft | cadmium | mg/kg | 11 | 32 | 34 | 0.0951 | 1.85 | 0.385 | 0.511 | 0.0883 | 0.0883 | 0.308 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte05ft | chrysene | mg/kg | 30 | 32 | 94 | 0.0048 | 0.66 | 0.0908 | 0.138 | 0.012 | 0.47 | 0.191 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 6.39 | 11.7 | 8.568 | 1.213 | -- | -- | 8.932 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte05ft | copper | mg/kg | 32 | 32 | 100 | 8.7 | 33.3 | 13.4 | 5.17 | -- | -- | 15.01 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 32 | 28 | 0.0018 | 0.039 | 0.0114 | 0.0111 | 0.0007 | 0.27 | 0.00765 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte05ft | ethylbenzene | µg/kg | 8 | 32 | 25 | 0.17 | 140 | 18.95 | 48.94 | 0.12 | 0.15 | 24.87 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 32 | 50 | 0.0009 | 0.047 | 0.0145 | 0.0142 | 0.0043 | 0.35 | 0.0129 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte05ft | lead | mg/kg | 32 | 32 | 100 | 5.86 | 48.4 | 11.05 | 8.198 | -- | -- | 13.66 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | naphthalene | mg/kg | 20 | 32 | 63 | 0.00031 | 3.9 | 0.241 | 0.875 | 0.00025 | 0.00033 | 0.692 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | pyrene | mg/kg | 32 | 32 | 100 | 0.005 | 2.1 | 0.17 | 0.422 | -- | -- | 0.495 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | toluene | µg/kg | 14 | 32 | 44 | 0.17 | 6.1 | 0.856 | 1.53 | 0.12 | 12 | 0.864 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | tph as diesel | mg/kg | 31 | 32 | 97 | 32 | 11000 | 981.6 | 2327 | 4.8 | 4.8 | 2721 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | tph as gasoline | mg/kg | 20 | 32 | 63 | 0.056 | 6.3 | 0.823 | 1.743 | 0.046 | 0.06 | 1.637 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | tph as motor oil | mg/kg | 31 | 32 | 97 | 97 | 13000 | 1644 | 3198 | 7 | 7 | 4031 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 20.6 | 38.3 | 30.87 | 4.033 | -- | -- | 32.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte05ft | xylenes, total | µg/kg | 12 | 32 | 38 | 0.17 | 61 | 5.602 | 17.45 | 0.15 | 0.2 | 10.71 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 26.7 | 189 | 42.9 | 29.5 | -- | -- | 52.4 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 23 | 47 | 49 | 0.11 | 15000 | 1384 | 3508 | 0.088 | 13 | 2301 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 47 | 23 | 0.11 | 5200 | 580.6 | 1557 | 0.075 | 11 | 331 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 26 | 47 | 55 | 0.0012 | 9.3 | 2.639 | 3.441 | 0.0021 | 0.043 | 2.11 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 39 | 47 | 83 | 0.0018 | 15 | 2.513 | 4.468 | 0.003 | 0.024 | 4.744 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | antimony | mg/kg | 10 | 47 | 21 | 0.382 | 0.742 | 0.545 | 0.139 | 0.306 | 0.306 | 0.46 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte10ft | arsenic | mg/kg | 47 | 47 | 100 | 0.575 | 12.1 | 3.083 | 2.236 | -- | -- | 3.623 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte10ft | bap teq | mg/kg | 43 | 47 | 91 | 0.00271 | 0.504 | 0.0556 | 0.0828 | 0.0261 | 0.208 | 0.106 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 panama ave | lte10ft | benzene | µg/kg | 30 | 47 | 64 | 0.13 | 2600 | 219.4 | 621.1 | 0.11 | 15 | 462.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 41 | 47 | 87 | 0.0027 | 0.27 | 0.0495 | 0.0618 | 0.0065 | 0.26 | 0.086 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 42 | 47 | 89 | 0.002 | 0.44 | 0.0416 | 0.0702 | 0.025 | 0.2 | 0.0828 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 33 | 47 | 70 | 0.0013 | 0.094 | 0.0194 | 0.0195 | 0.0035 | 0.14 | 0.0208 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 47 | 32 | 0.0024 | 0.077 | 0.0181 | 0.0194 | 0.0011 | 0.45 | 0.0138 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte10ft | cadmium | mg/kg | 17 | 47 | 36 | 0.0917 | 1.85 | 0.296 | 0.423 | 0.0883 | 0.0883 | 0.239 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | chrysene | mg/kg | 42 | 47 | 89 | 0.0048 | 0.66 | 0.124 | 0.156 | 0.012 | 0.47 | 0.214 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | cobalt | mg/kg | 47 | 47 | 100 | 6.01 | 11.7 | 8.519 | 1.298 | -- | -- | 8.836 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte10ft | copper | mg/kg | 47 | 47 | 100 | 8.7 | 33.3 | 13.83 | 4.743 | -- | -- | 14.94 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 47 | 21 | 0.0018 | 0.039 | 0.0107 | 0.0107 | 0.0007 | 0.27 | 0.00655 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte10ft | ethylbenzene | µg/kg | 23 | 47 | 49 | 0.17 | 8600 | 1552 | 2642 | 0.12 | 0.15 | 1252 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 47 | 38 | 0.0009 | 0.047 | 0.0134 | 0.0138 | 0.0043 | 0.35 | 0.0111 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 panama ave | lte10ft | lead | mg/kg | 47 | 47 | 100 | 4.11 | 48.4 | 9.647 | 7.123 | -- | -- | 11.49 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | naphthalene | mg/kg | 35 | 47 | 74 | 0.00031 | 11 | 1.702 | 2.719 | 0.00025 | 0.00033 | 2.835 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | pyrene | mg/kg | 46 | 47 | 98 | 0.005 | 2.1 | 0.202 | 0.375 | 0.33 | 0.33 | 0.436 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 panama ave | lte10ft | toluene | µg/kg | 18 | 47 | 38 | 0.17 | 40 | 5.062 | 12.25 | 0.12 | 17 | 7.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24509 panama ave | lte10ft | tph as diesel | mg/kg | 46 | 47 | 98 | 32 | 12000 | 2073 | 3251 | 4.8 | 4.8 | 4083 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | tph as gasoline | mg/kg | 35 | 47 | 74 | 0.056 | 1800 | 212.5 | 475.1 | 0.046 | 0.06 | 425.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | tph as motor oil | mg/kg | 46 | 47 | 98 | 97 | 13000 | 2642 | 3686 | 7 | 7 | 4919 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | vanadium | mg/kg | 47 | 47 | 100 | 20.6 | 38.7 | 30.81 | 4.68 | -- | -- | 31.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 panama ave | lte10ft | xylenes, total | µg/kg | 24 | 47 | 51 | 0.17 | 20000 | 1005 | 4076 | 0.15 | 19 | 2394 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 panama ave | lte10ft | zinc | mg/kg | 47 | 47 | 100 | 25.1 | 189 | 41.17 | 24.91 | -- | -- | 47.7 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 13 | 92 | 0.16 | 33000 | 6765 | 10663 | 0.1 | 0.1 | 18837 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 13 | 77 | 0.14 | 10000 | 2025 | 3362 | 0.085 | 8.7 | 5285 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 13 | 77 | 0.32 | 23 | 11.46 | 7.924 | 0.0054 | 0.0054 | 13.29 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 12 | 13 | 92 | 0.0037 | 38 | 15.61 | 13.95 | 0.003 | 0.003 | 21.37 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 6.3 | 14 | 9.879 | 2.075 | -- | -- | 10.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | bap teq | mg/kg | 13 | 13 | 100 | 0.00773 | 0.956 | 0.185 | 0.264 | -- | -- | 0.393 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | benzene | µg/kg | 12 | 13 | 92 | 0.16 | 8800 | 3193 | 3271 | 0.15 | 0.15 | 6896 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 13 | 13 | 100 | 0.0046 | 0.53 | 0.19 | 0.188 | -- | -- | 0.408 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 13 | 77 | 0.0053 | 0.85 | 0.167 | 0.26 | 0.025 | 0.099 | 0.42 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | chrysene | mg/kg | 13 | 13 | 100 | 0.028 | 1.6 | 0.466 | 0.46 | -- | -- | 0.876 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 6.08 | 11.6 | 9.011 | 1.585 | -- | -- | 9.794 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 10.3 | 24.8 | 16.47 | 3.758 | -- | -- | 18.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 13 | 13 | 100 | 0.21 | 15000 | 5559 | 5379 | -- | -- | 8218 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 4.27 | 15 | 6.702 | 2.621 | -- | -- | 8.098 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 13 | 13 | 100 | 0.0012 | 14 | 6.012 | 5.287 | -- | -- | 8.625 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | pyrene | mg/kg | 13 | 13 | 100 | 0.019 | 4.3 | 0.943 | 1.144 | -- | -- | 1.942 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 13 | 13 | 100 | 31 | 14000 | 6622 | 5146 | -- | -- | 9166 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 13 | 13 | 100 | 0.49 | 3400 | 1137 | 1143 | -- | -- | 1702 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 13 | 13 | 100 | 100 | 15000 | 8136 | 6078 | -- | -- | 15000 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 24.8 | 47.5 | 35.93 | 6.167 | -- | -- | 38.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 12 | 13 | 92 | 0.53 | 39000 | 5795 | 11820 | 0.17 | 0.17 | 19216 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 26.9 | 56.3 | 41.42 | 8.395 | -- | -- | 45.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 16 | 56 | 0.11 | 0.55 | 0.323 | 0.162 | 0.09 | 0.11 | 0.319 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 16 | 75 | 0.0025 | 0.23 | 0.0264 | 0.0642 | 0.003 | 0.006 | 0.0822 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 3.67 | 8.87 | 5.839 | 1.806 | -- | -- | 6.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00327 | 0.279 | 0.0417 | 0.0669 | -- | -- | 0.115 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte02ft | benzene | µg/kg | 6 | 16 | 38 | 0.12 | 0.25 | 0.165 | 0.0509 | 0.1 | 0.13 | 0.161 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.007 | 0.29 | 0.0348 | 0.0685 | -- | -- | 0.11 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0066 | 0.2 | 0.0332 | 0.0493 | 0.0025 | 0.0025 | 0.0841 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 16 | 88 | 0.0034 | 0.13 | 0.0235 | 0.0339 | 0.0018 | 0.0018 | 0.0563 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 10 | 16 | 63 | 0.0014 | 0.055 | 0.0161 | 0.0169 | 0.0056 | 0.011 | 0.0191 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.016 | 0.95 | 0.0975 | 0.228 | -- | -- | 0.346 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.32 | 10.2 | 8.101 | 1.144 | -- | -- | 8.603 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.62 | 39.2 | 15.16 | 7.861 | -- | -- | 18.69 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 16 | 44 | 0.0023 | 0.048 | 0.0103 | 0.0167 | 0.0034 | 0.0067 | 0.0116 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 16 | 50 | 0.0024 | 0.06 | 0.016 | 0.0194 | 0.0043 | 0.0087 | 0.0163 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.7 | 73.4 | 15.16 | 17.37 | -- | -- | 34.1 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte02ft | naphthalene | mg/kg | 8 | 16 | 50 | 0.00043 | 0.086 | 0.0135 | 0.0294 | 0.00026 | 0.00031 | 0.0166 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 ravenna ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.011 | 0.73 | 0.0709 | 0.176 | -- | -- | 0.263 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 9.8 | 570 | 184.3 | 178.3 | -- | -- | 298.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 47 | 1900 | 594.2 | 553.3 | -- | -- | 912.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 24.1 | 35.5 | 29.34 | 4.145 | -- | -- | 31.27 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 ravenna ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 26.2 | 146 | 51.31 | 34.64 | -- | -- | 89.05 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 24 | 50 | 0.1 | 1.3 | 0.404 | 0.328 | 0.09 | 0.11 | 0.35 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 24 | 25 | 0.0013 | 0.054 | 0.0128 | 0.0203 | 0.0011 | 0.011 | 0.00838 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 24 | 79 | 0.0022 | 0.23 | 0.0203 | 0.051 | 0.0012 | 0.006 | 0.036 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 3.67 | 8.87 | 5.987 | 1.635 | -- | -- | 6.559 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte05ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00327 | 0.279 | 0.037 | 0.0555 | -- | -- | 0.0537 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 ravenna ave | lte05ft | benzene | µg/kg | 8 | 24 | 33 | 0.12 | 0.25 | 0.156 | 0.046 | 0.1 | 0.13 | 0.147 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 24 | 24 | 100 | 0.0031 | 0.29 | 0.0317 | 0.057 | -- | -- | 0.0436 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 23 | 24 | 96 | 0.0027 | 0.2 | 0.0292 | 0.0408 | 0.0025 | 0.0025 | 0.0639 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 21 | 24 | 88 | 0.0012 | 0.13 | 0.0198 | 0.0285 | 0.0018 | 0.0018 | 0.0418 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 24 | 58 | 0.0011 | 0.055 | 0.013 | 0.0151 | 0.0056 | 0.011 | 0.0133 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24509 ravenna ave | lte05ft | chrysene | mg/kg | 24 | 24 | 100 | 0.0083 | 0.95 | 0.0918 | 0.191 | -- | -- | 0.261 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 6.22 | 10.7 | 8.062 | 1.177 | -- | -- | 8.473 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 7.32 | 39.2 | 13.94 | 6.701 | -- | -- | 16.15 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 24 | 38 | 0.0008 | 0.048 | 0.00918 | 0.0148 | 0.0013 | 0.0067 | 0.00958 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 24 | 38 | 0.0011 | 0.06 | 0.0143 | 0.0188 | 0.0017 | 0.0087 | 0.0113 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 4.35 | 73.4 | 14.57 | 16.18 | -- | -- | 28.97 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte05ft | naphthalene | mg/kg | 13 | 24 | 54 | 0.00043 | 0.086 | 0.0107 | 0.0229 | 0.00026 | 0.00031 | 0.0126 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 ravenna ave | lte05ft | pyrene | mg/kg | 24 | 24 | 100 | 0.004 | 0.73 | 0.0768 | 0.162 | -- | -- | 0.221 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte05ft | toluene | µg/kg | 5 | 24 | 21 | 0.14 | 0.29 | 0.182 | 0.0622 | 0.12 | 0.14 | 0.161 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 ravenna ave | lte05ft | tph as diesel | mg/kg | 24 | 24 | 100 | 9.8 | 15000 | 872.3 | 3023 | -- | -- | 3562 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte05ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 47 | 21000 | 1519 | 4193 | -- | -- | 5249 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 23.5 | 35.5 | 29.34 | 4.004 | -- | -- | 30.82 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 ravenna ave | lte05ft | xylenes, total | µg/kg | 5 | 24 | 21 | 0.17 | 1.4 | 0.522 | 0.51 | 0.16 | 0.19 | 0.429 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 26.2 | 146 | 45.04 | 29.44 | -- | -- | 55.87 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 24 | 37 | 65 | 0.1 | 33000 | 3383 | 8143 | 0.09 | 0.11 | 7040 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 37 | 32 | 0.098 | 10000 | 1688 | 3142 | 0.076 | 8.7 | 1094 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 16 | 37 | 43 | 0.0013 | 23 | 7.169 | 8.393 | 0.0011 | 0.011 | 4.94 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24509 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 37 | 84 | 0.0022 | 38 | 6.054 | 11.44 | 0.0012 | 0.006 | 12.75 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 3.67 | 14 | 7.355 | 2.587 | -- | -- | 8.073 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte10ft | bap teq | mg/kg | 37 | 37 | 100 | 0.00327 | 0.956 | 0.0891 | 0.174 | -- | -- | 0.146 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte10ft | benzene | µg/kg | 20 | 37 | 54 | 0.12 | 8800 | 1916 | 2961 | 0.1 | 0.15 | 2747 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 37 | 100 | 0.0031 | 0.53 | 0.0874 | 0.14 | -- | -- | 0.188 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 33 | 37 | 89 | 0.0027 | 0.85 | 0.071 | 0.156 | 0.0025 | 0.099 | 0.171 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 25 | 37 | 68 | 0.0012 | 0.15 | 0.0288 | 0.0438 | 0.0018 | 0.07 | 0.0486 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 16 | 37 | 43 | 0.0011 | 0.13 | 0.0203 | 0.0324 | 0.0056 | 0.23 | 0.0207 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte10ft | chrysene | mg/kg | 37 | 37 | 100 | 0.0083 | 1.6 | 0.223 | 0.356 | -- | -- | 0.478 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 6.08 | 11.6 | 8.395 | 1.39 | -- | -- | 8.781 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 7.32 | 39.2 | 14.83 | 5.907 | -- | -- | 16.42 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 37 | 24 | 0.0008 | 0.048 | 0.00918 | 0.0148 | 0.0013 | 0.13 | 0.00803 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte10ft | ethylbenzene | µg/kg | 16 | 37 | 43 | 0.16 | 15000 | 4517 | 5308 | 0.12 | 0.15 | 4953 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 37 | 24 | 0.0011 | 0.06 | 0.0143 | 0.0188 | 0.0017 | 0.17 | 0.00941 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 4.27 | 73.4 | 11.81 | 13.57 | -- | -- | 21.53 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | naphthalene | mg/kg | 26 | 37 | 70 | 0.00043 | 14 | 3.011 | 4.773 | 0.00026 | 0.00031 | 5.155 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | pyrene | mg/kg | 37 | 37 | 100 | 0.004 | 4.3 | 0.381 | 0.793 | -- | -- | 0.95 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | toluene | µg/kg | 7 | 37 | 19 | 0.14 | 0.29 | 0.191 | 0.057 | 0.12 | 31 | 0.175 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte10ft | tph as diesel | mg/kg | 37 | 37 | 100 | 9.8 | 15000 | 2892 | 4734 | -- | -- | 6285 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | tph as gasoline | mg/kg | 15 | 37 | 41 | 0.12 | 3400 | 986.7 | 1130 | 0.047 | 0.1 | 643.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24509 ravenna ave | lte10ft | tph as motor oil | mg/kg | 37 | 37 | 100 | 47 | 21000 | 3844 | 5814 | -- | -- | 8010 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24509 ravenna ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 23.5 | 47.5 | 31.66 | 5.752 | -- | -- | 33.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24509 ravenna ave | lte10ft | xylenes, total | µg/kg | 17 | 37 | 46 | 0.17 | 39000 | 4091 | 10171 | 0.16 | 0.19 | 7045 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24509 ravenna ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 26.2 | 146 | 43.76 | 24.09 | -- | -- | 50.79 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 14 | 86 | 45 | 18000 | 4880 | 5858 | 0.096 | 0.1 | 10834 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 14 | 64 | 0.18 | 5900 | 1428 | 2202 | 0.081 | 8.2 | 1802 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.014 | 16 | 9.864 | 5.979 | 0.0011 | 0.0011 | 16 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.016 | 26 | 15.46 | 10.22 | 0.0006 | 0.0006 | 26 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | gt05lte10ft | antimony | mg/kg | 12 | 13 | 92 | 0.32 | 0.75 | 0.509 | 0.119 | 0.28 | 0.28 | 0.557 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 4.63 | 18.7 | 10.2 | 3.866 | -- | -- | 12.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | bap teq | mg/kg | 13 | 14 | 93 | 0.000615 | 0.567 | 0.234 | 0.188 | 0.0234 | 0.0234 | 0.309 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | benzene | µg/kg | 9 | 14 | 64 | 4 | 2000 | 532.7 | 837.8 | 0.11 | 11 | 726.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 14 | 57 | 0.0069 | 0.44 | 0.255 | 0.131 | 0.0007 | 0.26 | 0.276 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | cadmium | mg/kg | 13 | 13 | 100 | 0.37 | 0.6 | 0.48 | 0.0735 | -- | -- | 0.516 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | chrysene | mg/kg | 13 | 14 | 93 | 0.0091 | 1.9 | 0.694 | 0.613 | 0.029 | 0.029 | 0.938 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 7.49 | 16.9 | 9.942 | 2.541 | -- | -- | 11.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 14.4 | 32.7 | 20.72 | 5.911 | -- | -- | 23.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 12 | 14 | 86 | 0.79 | 12000 | 3105 | 3857 | 0.13 | 0.13 | 7027 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 3.6 | 13 | 6.563 | 2.237 | -- | -- | 7.701 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | naphthalene | mg/kg | 13 | 14 | 93 | 0.012 | 16 | 7.082 | 4.437 | 0.00028 | 0.00028 | 8.79 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0042 | 1.9 | 0.772 | 0.657 | -- | -- | 1.083 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 14 | 14 | 100 | 470 | 32000 | 11599 | 8597 | -- | -- | 15668 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24512 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 13 | 14 | 93 | 0.057 | 2400 | 1040 | 629.4 | 0.05 | 0.05 | 1282 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 1000 | 30000 | 15286 | 10432 | -- | -- | 20223 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 32.4 | 54.7 | 41.66 | 7.638 | -- | -- | 45.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 11 | 14 | 79 | 1.6 | 16000 | 2645 | 5135 | 0.17 | 17 | 7544 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 32.4 | 65 | 45.18 | 9.093 | -- | -- | 49.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 13 | 24 | 54 | 0.0015 | 0.21 | 0.0278 | 0.0579 | 0.0021 | 0.01 | 0.0557 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 24 | 24 | 100 | 0.0025 | 0.27 | 0.0243 | 0.0539 | -- | -- | 0.0723 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte02ft | antimony | mg/kg | 22 | 22 | 100 | 0.3 | 0.74 | 0.552 | 0.126 | -- | -- | 0.599 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte02ft | arsenic | mg/kg | 22 | 22 | 100 | 1.73 | 8.41 | 5.074 | 2.086 | -- | -- | 5.839 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte02ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00725 | 1.118 | 0.112 | 0.25 | -- | -- | 0.334 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte02ft | benzene | µg/kg | 9 | 24 | 38 | 0.12 | 0.21 | 0.154 | 0.0313 | 0.11 | 0.13 | 0.144 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 24 | 24 | 100 | 0.0054 | 0.42 | 0.0523 | 0.0893 | -- | -- | 0.132 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 24 | 24 | 100 | 0.0055 | 0.54 | 0.0714 | 0.14 | -- | -- | 0.196 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 24 | 24 | 100 | 0.0027 | 0.39 | 0.0448 | 0.0932 | -- | -- | 0.128 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 21 | 24 | 88 | 0.0018 | 0.37 | 0.0372 | 0.0844 | 0.0045 | 0.007 | 0.104 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte02ft | cadmium | mg/kg | 22 | 22 | 100 | 0.26 | 0.73 | 0.504 | 0.132 | -- | -- | 0.552 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte02ft | chrysene | mg/kg | 24 | 24 | 100 | 0.012 | 3.6 | 0.219 | 0.723 | -- | -- | 0.862 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte02ft | cobalt | mg/kg | 22 | 22 | 100 | 7.77 | 14.4 | 10.27 | 2.082 | -- | -- | 11.06 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte02ft | copper | mg/kg | 22 | 22 | 100 | 8.88 | 36.5 | 18 | 7.061 | -- | -- | 20.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 24 | 24 | 100 | 0.0012 | 0.11 | 0.0164 | 0.0291 | -- | -- | 0.0422 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 24 | 24 | 100 | 0.0019 | 0.19 | 0.0265 | 0.0471 | -- | -- | 0.0684 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte02ft | lead | mg/kg | 22 | 22 | 100 | 4.43 | 31.8 | 10.59 | 5.742 | -- | -- | 12.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte02ft | naphthalene | mg/kg | 22 | 24 | 92 | 0.0019 | 0.48 | 0.0358 | 0.1 | 0.0003 | 0.00074 | 0.119 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte02ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0089 | 4.2 | 0.233 | 0.85 | -- | -- | 0.989 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte02ft | toluene | µg/kg | 9 | 24 | 38 | 0.13 | 0.25 | 0.171 | 0.0434 | 0.12 | 0.5 | 0.162 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte02ft | tph as diesel | mg/kg | 23 | 24 | 96 | 19 | 4700 | 425.6 | 957 | 4.8 | 4.8 | 1246 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte02ft | tph as gasoline | mg/kg | 9 | 24 | 38 | 0.051 | 0.13 | 0.0848 | 0.0251 | 0.047 | 0.057 | 0.0815 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte02ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 10 | 14000 | 1321 | 2769 | -- | -- | 2124 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 marbella ave | lte02ft | vanadium | mg/kg | 22 | 22 | 100 | 28 | 52.5 | 37.27 | 6.777 | -- | -- | 39.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte02ft | zinc | mg/kg | 22 | 22 | 100 | 26.3 | 69.4 | 45.16 | 11.81 | -- | -- | 49.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 39 | 21 | 0.32 | 19000 | 6189 | 7448 | 0.09 | 0.57 | 2431 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 39 | 21 | 0.16 | 4900 | 1474 | 2030 | 0.076 | 0.54 | 604.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 24 | 39 | 62 | 0.0015 | 16 | 2.772 | 4.726 | 0.0021 | 0.01 | 4.467 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 35 | 39 | 90 | 0.0025 | 25 | 2.581 | 6.061 | 0.0024 | 0.0048 | 6.362 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte05ft | antimony | mg/kg | 35 | 35 | 100 | 0.3 | 0.79 | 0.559 | 0.111 | -- | -- | 0.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte05ft | arsenic | mg/kg | 35 | 35 | 100 | 1.73 | 12.6 | 6.484 | 2.733 | -- | -- | 7.265 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte05ft | bap teq | mg/kg | 37 | 39 | 95 | 0.00324 | 1.118 | 0.111 | 0.216 | 0.0411 | 0.0472 | 0.253 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte05ft | benzene | µg/kg | 17 | 39 | 44 | 0.12 | 1800 | 139.9 | 438.3 | 0.1 | 0.71 | 269.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 34 | 39 | 87 | 0.0054 | 0.42 | 0.074 | 0.108 | 0.0052 | 0.13 | 0.138 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 29 | 39 | 74 | 0.0055 | 0.54 | 0.0786 | 0.135 | 0.002 | 0.2 | 0.146 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 28 | 39 | 72 | 0.0027 | 0.39 | 0.0551 | 0.0981 | 0.0014 | 0.14 | 0.102 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 24 | 39 | 62 | 0.0018 | 0.37 | 0.0461 | 0.0882 | 0.0045 | 0.44 | 0.0832 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte05ft | cadmium | mg/kg | 35 | 35 | 100 | 0.26 | 0.73 | 0.506 | 0.107 | -- | -- | 0.537 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte05ft | chrysene | mg/kg | 37 | 39 | 95 | 0.012 | 3.6 | 0.24 | 0.617 | 0.058 | 0.095 | 0.651 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte05ft | cobalt | mg/kg | 35 | 35 | 100 | 7.77 | 14.4 | 10.43 | 1.791 | -- | -- | 10.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte05ft | copper | mg/kg | 35 | 35 | 100 | 8.88 | 36.5 | 18.72 | 5.802 | -- | -- | 20.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 29 | 39 | 74 | 0.0012 | 0.18 | 0.0233 | 0.0427 | 0.0027 | 0.27 | 0.0462 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte05ft | ethylbenzene | µg/kg | 10 | 39 | 26 | 0.25 | 7200 | 1641 | 2491 | 0.12 | 0.15 | 817.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 30 | 39 | 77 | 0.0019 | 0.19 | 0.0319 | 0.0532 | 0.0035 | 0.26 | 0.0611 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte05ft | lead | mg/kg | 35 | 35 | 100 | 4.2 | 31.8 | 8.739 | 5.149 | -- | -- | 10.04 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 marbella ave | lte05ft | naphthalene | mg/kg | 36 | 39 | 92 | 0.00036 | 10 | 1.09 | 2.54 | 0.00026 | 0.00074 | 2.722 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte05ft | pyrene | mg/kg | 39 | 39 | 100 | 0.0089 | 4.2 | 0.27 | 0.705 | -- | -- | 0.414 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte05ft | toluene | µg/kg | 13 | 39 | 33 | 0.13 | 0.39 | 0.186 | 0.0719 | 0.12 | 220 | 0.169 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 marbella ave | lte05ft | tph as diesel | mg/kg | 38 | 39 | 97 | 19 | 16000 | 2511 | 3987 | 4.8 | 4.8 | 5208 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte05ft | tph as gasoline | mg/kg | 23 | 39 | 59 | 0.051 | 1700 | 270.7 | 535.7 | 0.047 | 0.057 | 462.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte05ft | tph as motor oil | mg/kg | 39 | 39 | 100 | 10 | 16000 | 3775 | 4918 | -- | -- | 7207 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte05ft | vanadium | mg/kg | 35 | 35 | 100 | 28 | 52.5 | 38.93 | 6.502 | -- | -- | 40.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte05ft | xylenes, total | µg/kg | 10 | 39 | 26 | 0.23 | 8700 | 1585 | 3005 | 0.15 | 0.55 | 862 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte05ft | zinc | mg/kg | 35 | 35 | 100 | 26.3 | 69.4 | 44.25 | 9.682 | -- | -- | 47.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24512 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 20 | 53 | 38 | 0.32 | 19000 | 5404 | 6382 | 0.09 | 0.57 | 3133 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 17 | 53 | 32 | 0.16 | 5900 | 1450 | 2056 | 0.076 | 8.2 | 777.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 37 | 53 | 70 | 0.0015 | 16 | 5.264 | 6.162 | 0.0011 | 0.01 | 7.089 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 48 | 53 | 91 | 0.0025 | 26 | 6.07 | 9.313 | 0.0006 | 0.0048 | 10.91 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | antimony | mg/kg | 47 | 48 | 98 | 0.3 | 0.79 | 0.546 | 0.114 | 0.28 | 0.28 | 0.57 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte10ft | arsenic | mg/kg | 48 | 48 | 100 | 1.73 | 18.7 | 7.489 | 3.464 | -- | -- | 8.328 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte10ft | bap teq | mg/kg | 50 | 53 | 94 | 0.000615 | 1.118 | 0.143 | 0.214 | 0.0234 | 0.0472 | 0.262 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte10ft | benzene | µg/kg | 26 | 53 | 49 | 0.12 | 2000 | 275.9 | 619.6 | 0.1 | 11 | 408.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 42 | 53 | 79 | 0.0054 | 0.44 | 0.108 | 0.132 | 0.0007 | 0.26 | 0.164 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 31 | 53 | 58 | 0.0055 | 0.54 | 0.0858 | 0.134 | 0.0005 | 0.2 | 0.123 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 31 | 53 | 58 | 0.0027 | 0.39 | 0.059 | 0.0963 | 0.0004 | 0.14 | 0.0856 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 24 | 53 | 45 | 0.0018 | 0.37 | 0.0461 | 0.0882 | 0.0011 | 0.44 | 0.0446 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | cadmium | mg/kg | 48 | 48 | 100 | 0.26 | 0.73 | 0.499 | 0.0993 | -- | -- | 0.523 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte10ft | chrysene | mg/kg | 50 | 53 | 94 | 0.0091 | 3.6 | 0.358 | 0.642 | 0.029 | 0.095 | 0.716 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte10ft | cobalt | mg/kg | 48 | 48 | 100 | 7.49 | 16.9 | 10.3 | 2.004 | -- | -- | 10.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte10ft | copper | mg/kg | 48 | 48 | 100 | 8.88 | 36.5 | 19.26 | 5.837 | -- | -- | 20.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 29 | 53 | 55 | 0.0012 | 0.18 | 0.0233 | 0.0427 | 0.0007 | 0.27 | 0.0394 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | ethylbenzene | µg/kg | 22 | 53 | 42 | 0.25 | 12000 | 2440 | 3318 | 0.12 | 0.15 | 1580 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 30 | 53 | 57 | 0.0019 | 0.19 | 0.0319 | 0.0532 | 0.0009 | 0.26 | 0.0518 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | lead | mg/kg | 48 | 48 | 100 | 3.6 | 31.8 | 8.149 | 4.627 | -- | -- | 9.322 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | naphthalene | mg/kg | 49 | 53 | 92 | 0.00036 | 16 | 2.679 | 4.095 | 0.00026 | 0.00074 | 4.874 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | pyrene | mg/kg | 53 | 53 | 100 | 0.0042 | 4.2 | 0.403 | 0.722 | -- | -- | 0.924 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte10ft | toluene | µg/kg | 17 | 53 | 32 | 0.13 | 270 | 16.89 | 65.31 | 0.12 | 220 | 28.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | tph as diesel | mg/kg | 52 | 53 | 98 | 19 | 32000 | 4957 | 6852 | 4.8 | 4.8 | 8948 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | tph as gasoline | mg/kg | 36 | 53 | 68 | 0.051 | 2400 | 548.5 | 675.8 | 0.047 | 0.057 | 740.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 marbella ave | lte10ft | tph as motor oil | mg/kg | 53 | 53 | 100 | 10 | 30000 | 6815 | 8434 | -- | -- | 24739 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24512 marbella ave | lte10ft | vanadium | mg/kg | 48 | 48 | 100 | 28 | 54.7 | 39.67 | 6.855 | -- | -- | 41.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 marbella ave | lte10ft | xylenes, total | µg/kg | 21 | 53 | 40 | 0.23 | 16000 | 2140 | 4188 | 0.15 | 17 | 1503 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 marbella ave | lte10ft | zinc | mg/kg | 48 | 48 | 100 | 26.3 | 69.4 | 44.5 | 9.439 | -- | -- | 46.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 12 | 58 | 95 | 11000 | 3141 | 3866 | 0.46 | 55 | 3618 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.32 | 12 | 4.56 | 3.254 | -- | -- | 6.247 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.33 | 18 | 6.428 | 4.947 | -- | -- | 8.992 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 6.75 | 14.8 | 9.736 | 2.733 | -- | -- | 11.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | bap teq | mg/kg | 12 | 12 | 100 | 0.0122 | 0.161 | 0.0599 | 0.053 | -- | -- | 0.0985 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | benzene | µg/kg | 8 | 12 | 67 | 0.28 | 1300 | 303.2 | 439.9 | 10 | 12 | 419.4 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 12 | 75 | 0.027 | 0.27 | 0.117 | 0.0958 | 0.019 | 0.078 | 0.137 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 12 | 42 | 0.022 | 0.11 | 0.0694 | 0.0414 | 0.013 | 0.051 | 0.0911 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | cadmium | mg/kg | 12 | 12 | 100 | 0.561 | 1.36 | 0.768 | 0.209 | -- | -- | 0.876 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | chrysene | mg/kg | 12 | 12 | 100 | 0.037 | 0.68 | 0.253 | 0.225 | -- | -- | 0.42 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 7.49 | 15.2 | 9.596 | 2.118 | -- | -- | 10.75 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 14 | 28.5 | 18.45 | 4.268 | -- | -- | 20.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 11 | 12 | 92 | 0.14 | 9400 | 2312 | 2875 | 14 | 14 | 5684 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 3.86 | 10 | 5.221 | 1.676 | -- | -- | 6.083 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.44 | 10 | 3.995 | 2.771 | -- | -- | 5.432 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | pyrene | mg/kg | 12 | 12 | 100 | 0.092 | 1.7 | 0.522 | 0.483 | -- | -- | 0.848 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 12 | 12 | 100 | 550 | 9300 | 4446 | 2473 | -- | -- | 5728 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 12 | 12 | 100 | 0.055 | 850 | 356.8 | 263 | -- | -- | 493.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 720 | 13000 | 5335 | 3398 | -- | -- | 7097 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 29.4 | 57.2 | 36.24 | 7.656 | -- | -- | 40.22 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 12 | 50 | 0.34 | 2600 | 687.1 | 969 | 21 | 25 | 748.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 34.8 | 68.3 | 42.71 | 9.575 | -- | -- | 47.71 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 6 | 16 | 38 | 0.0029 | 0.097 | 0.0272 | 0.0389 | 0.009 | 0.036 | 0.0419 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 3.15 | 5.77 | 4.289 | 0.77 | -- | -- | 4.626 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00298 | 0.112 | 0.0257 | 0.0299 | -- | -- | 0.0413 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte02ft | benzene | µg/kg | 7 | 16 | 44 | 0.11 | 0.24 | 0.161 | 0.0495 | 0.1 | 0.12 | 0.155 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 16 | 63 | 0.0029 | 0.2 | 0.0454 | 0.0608 | 0.019 | 0.031 | 0.0543 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 16 | 63 | 0.0022 | 0.087 | 0.0222 | 0.0264 | 0.013 | 0.02 | 0.0266 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 16 | 44 | 0.0014 | 0.059 | 0.0168 | 0.0217 | 0.0051 | 0.02 | 0.0161 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte02ft | cadmium | mg/kg | 16 | 16 | 100 | 0.445 | 0.656 | 0.541 | 0.0479 | -- | -- | 0.562 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24512 neptune ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.006 | 0.47 | 0.0921 | 0.13 | -- | -- | 0.233 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 7.16 | 12.3 | 8.524 | 1.165 | -- | -- | 9.022 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 9.43 | 13.6 | 11.52 | 1.203 | -- | -- | 12.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 16 | 31 | 0.0012 | 0.031 | 0.0107 | 0.0134 | 0.0027 | 0.021 | 0.0103 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.58 | 18.5 | 8.096 | 4.14 | -- | -- | 9.983 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte02ft | pyrene | mg/kg | 15 | 16 | 94 | 0.0037 | 0.52 | 0.0825 | 0.145 | 0.012 | 0.012 | 0.232 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 8.6 | 1500 | 150.8 | 364 | -- | -- | 547.5 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 90 | 4000 | 592.9 | 975.7 | -- | -- | 1027 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 23.3 | 34.1 | 28.72 | 2.401 | -- | -- | 29.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 28.5 | 103 | 41.81 | 16.74 | -- | -- | 49.78 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 24 | 38 | 0.0012 | 13 | 2.061 | 4.471 | 0.005 | 0.04 | 1.801 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 24 | 50 | 0.0029 | 15 | 1.91 | 4.661 | 0.0045 | 0.036 | 4.021 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 2.43 | 11.9 | 4.9 | 2.177 | -- | -- | 5.693 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte05ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00202 | 0.207 | 0.035 | 0.0493 | -- | -- | 0.0789 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte05ft | benzene | µg/kg | 12 | 24 | 50 | 0.11 | 140 | 11.81 | 40.37 | 0.1 | 0.12 | 31.93 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 16 | 24 | 67 | 0.0029 | 0.3 | 0.0648 | 0.0866 | 0.0078 | 0.031 | 0.0732 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 24 | 71 | 0.0014 | 0.15 | 0.0302 | 0.0406 | 0.013 | 0.02 | 0.0549 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 11 | 24 | 46 | 0.0012 | 0.059 | 0.0136 | 0.0182 | 0.0051 | 0.051 | 0.013 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | lte05ft | cadmium | mg/kg | 24 | 24 | 100 | 0.398 | 0.764 | 0.553 | 0.0941 | -- | -- | 0.586 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | lte05ft | chrysene | mg/kg | 24 | 24 | 100 | 0.006 | 0.91 | 0.142 | 0.238 | -- | -- | 0.354 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 6.64 | 12.3 | 8.704 | 1.35 | -- | -- | 9.172 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 7.87 | 20.6 | 12.27 | 2.909 | -- | -- | 13.29 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 24 | 25 | 0.0012 | 0.031 | 0.0093 | 0.0125 | 0.00053 | 0.053 | 0.00742 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 3.52 | 18.5 | 7.004 | 3.719 | -- | -- | 8.36 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte05ft | naphthalene | mg/kg | 8 | 24 | 33 | 0.00075 | 5.7 | 1.102 | 2.151 | 0.00063 | 0.00077 | 1.578 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte05ft | pyrene | mg/kg | 23 | 24 | 96 | 0.0037 | 1.8 | 0.197 | 0.423 | 0.012 | 0.012 | 0.559 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte05ft | tph as diesel | mg/kg | 24 | 24 | 100 | 8.6 | 9500 | 680.8 | 2015 | -- | -- | 2474 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte05ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 19 | 12000 | 1203 | 2578 | -- | -- | 3496 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 21.3 | 39.7 | 29.53 | 4.157 | -- | -- | 30.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 28.1 | 103 | 39.8 | 14.31 | -- | -- | 45.2 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 36 | 22 | 95 | 11000 | 2948 | 3621 | 0.45 | 55 | 1328 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 21 | 36 | 58 | 0.0012 | 13 | 3.489 | 3.928 | 0.005 | 0.04 | 4.563 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 36 | 67 | 0.0029 | 18 | 4.169 | 5.236 | 0.0045 | 0.036 | 4.012 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 2.43 | 14.8 | 6.512 | 3.288 | -- | -- | 7.49 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | lte10ft | bap teq | mg/kg | 36 | 36 | 100 | 0.00202 | 0.207 | 0.0433 | 0.0512 | -- | -- | 0.0784 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte10ft | benzene | µg/kg | 20 | 36 | 56 | 0.11 | 1300 | 128.3 | 306.1 | 0.1 | 12 | 243.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 25 | 36 | 69 | 0.0029 | 0.3 | 0.0834 | 0.0916 | 0.0078 | 0.078 | 0.0851 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 22 | 36 | 61 | 0.0014 | 0.15 | 0.0391 | 0.0432 | 0.013 | 0.051 | 0.0364 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 36 | 33 | 0.0012 | 0.059 | 0.0137 | 0.0174 | 0.0051 | 0.051 | 0.0106 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 neptune ave | lte10ft | cadmium | mg/kg | 36 | 36 | 100 | 0.398 | 1.36 | 0.625 | 0.173 | -- | -- | 0.671 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte10ft | chrysene | mg/kg | 36 | 36 | 100 | 0.006 | 0.91 | 0.179 | 0.237 | -- | -- | 0.431 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 6.64 | 15.2 | 9.001 | 1.67 | -- | -- | 9.487 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 7.87 | 28.5 | 14.33 | 4.474 | -- | -- | 15.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte10ft | ethylbenzene | µg/kg | 13 | 36 | 36 | 0.14 | 9400 | 1999 | 2736 | 0.12 | 14 | 1264 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 36 | 17 | 0.0012 | 0.031 | 0.0093 | 0.0125 | 0.00053 | 0.053 | 0.00613 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 3.52 | 18.5 | 6.41 | 3.271 | -- | -- | 7.368 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte10ft | naphthalene | mg/kg | 20 | 36 | 56 | 0.00075 | 10 | 2.838 | 2.875 | 0.00063 | 0.00077 | 3.455 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte10ft | pyrene | mg/kg | 35 | 36 | 97 | 0.0037 | 1.8 | 0.308 | 0.464 | 0.012 | 0.012 | 0.634 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte10ft | tph as diesel | mg/kg | 36 | 36 | 100 | 8.6 | 9500 | 1936 | 2798 | -- | -- | 3969 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 neptune ave | lte10ft | tph as gasoline | mg/kg | 15 | 36 | 42 | 0.055 | 850 | 292.1 | 269.7 | 0.039 | 0.051 | 188.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 neptune ave | lte10ft | tph as motor oil | mg/kg | 36 | 36 | 100 | 19 | 13000 | 2580 | 3449 | -- | -- | 5086 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 21.3 | 57.2 | 31.77 | 6.33 | -- | -- | 33.61 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24512 neptune ave | lte10ft | xylenes, total | µg/kg | 8 | 36 | 22 | 0.34 | 2600 | 652.9 | 872.4 | 0.21 | 25 | 287 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 neptune ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 28.1 | 103 | 40.77 | 12.86 | -- | -- | 44.61 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 14 | 79 | 0.0006 | 0.014 | 0.00358 | 0.00383 | 0.0006 | 0.0006 | 0.00485 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 panama ave | lte02ft | antimony | mg/kg | 7 | 14 | 50 | 0.408 | 0.828 | 0.544 | 0.142 | 0.306 | 0.306 | 0.561 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 panama ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 0.89 | 4.66 | 2.806 | 1.195 | -- | -- | 3.371 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 panama ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.000575 | 0.0279 | 0.00435 | 0.00705 | -- | -- | 0.00825 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24512 panama ave | lte02ft | benzene | µg/kg | 6 | 14 | 43 | 0.13 | 0.22 | 0.163 | 0.0378 | 0.1 | 0.12 | 0.164 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24512 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 14 | 93 | 0.0008 | 0.028 | 0.00395 | 0.00737 | 0.0007 | 0.0007 | 0.0121 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.0006 | 0.019 | 0.00326 | 0.00495 | 0.0005 | 0.0005 | 0.00869 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 14 | 86 | 0.0007 | 0.018 | 0.00299 | 0.00486 | 0.0004 | 0.0004 | 0.00799 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte02ft | chrysene | mg/kg | 9 | 14 | 64 | 0.0013 | 0.053 | 0.00944 | 0.0167 | 0.0012 | 0.0012 | 0.0229 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 panama ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 1.89 | 10.9 | 7.346 | 3.101 | -- | -- | 10.9 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 1.91 | 13 | 7.548 | 3.198 | -- | -- | 9.062 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 14 | 57 | 0.001 | 0.0089 | 0.0025 | 0.00265 | 0.0009 | 0.0009 | 0.00291 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte02ft | lead | mg/kg | 13 | 14 | 93 | 0.514 | 15.1 | 6.063 | 3.28 | 0.181 | 0.181 | 9.736 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte02ft | naphthalene | mg/kg | 9 | 14 | 64 | 0.0012 | 0.013 | 0.00482 | 0.00421 | 0.00025 | 0.00029 | 0.00549 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 panama ave | lte02ft | pyrene | mg/kg | 13 | 14 | 93 | 0.0013 | 0.031 | 0.00794 | 0.00807 | 0.0008 | 0.0008 | 0.0168 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 panama ave | lte02ft | toluene | µg/kg | 11 | 14 | 79 | 0.13 | 0.31 | 0.184 | 0.0656 | 0.11 | 0.13 | 0.201 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 6.44 | 35.5 | 25.84 | 10.49 | -- | -- | 35.5 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 7.89 | 46.5 | 25.87 | 10.18 | -- | -- | 37.73 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 21 | 29 | 0.0015 | 0.0039 | 0.0021 | 0.00089666 | 0.0011 | 0.011 | 0.00201 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 17 | 21 | 81 | 0.0006 | 0.014 | 0.00295 | 0.00321 | 0.0006 | 0.0006 | 0.00387 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 panama ave | lte05ft | antimony | mg/kg | 11 | 21 | 52 | 0.408 | 0.828 | 0.527 | 0.12 | 0.306 | 0.306 | 0.51 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 panama ave | lte05ft | arsenic | mg/kg | 21 | 21 | 100 | 0.89 | 4.66 | 3.011 | 1.216 | -- | -- | 3.468 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 panama ave | lte05ft | bap teq | mg/kg | 21 | 21 | 100 | 0.000575 | 0.0279 | 0.00574 | 0.00829 | -- | -- | 0.0136 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | benzene | µg/kg | 7 | 21 | 33 | 0.11 | 0.22 | 0.156 | 0.0399 | 0.1 | 0.12 | 0.15 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 20 | 21 | 95 | 0.0008 | 0.028 | 0.00392 | 0.00606 | 0.0007 | 0.0007 | 0.00944 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 21 | 90 | 0.0006 | 0.019 | 0.00465 | 0.00639 | 0.0005 | 0.0005 | 0.0102 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 21 | 81 | 0.0005 | 0.018 | 0.00369 | 0.00492 | 0.0004 | 0.0004 | 0.00747 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 21 | 29 | 0.0014 | 0.01 | 0.00452 | 0.00404 | 0.0011 | 0.011 | 0.00338 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 panama ave | lte05ft | chrysene | mg/kg | 15 | 21 | 71 | 0.0013 | 0.053 | 0.00824 | 0.0129 | 0.0012 | 0.0012 | 0.0171 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 panama ave | lte05ft | cobalt | mg/kg | 21 | 21 | 100 | 1.89 | 10.9 | 7.501 | 2.588 | -- | -- | 9.963 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | copper | mg/kg | 21 | 21 | 100 | 1.91 | 13 | 7.847 | 2.793 | -- | -- | 10.5 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 21 | 29 | 0.0007 | 0.0068 | 0.00257 | 0.00223 | 0.0007 | 0.0007 | 0.00223 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 21 | 52 | 0.001 | 0.013 | 0.00428 | 0.00444 | 0.0009 | 0.0009 | 0.00417 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 panama ave | lte05ft | lead | mg/kg | 20 | 21 | 95 | 0.514 | 15.1 | 6.133 | 2.915 | 0.181 | 0.181 | 8.813 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | naphthalene | mg/kg | 14 | 21 | 67 | 0.0012 | 0.29 | 0.0243 | 0.0766 | 0.00025 | 0.00029 | 0.077 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | pyrene | mg/kg | 20 | 21 | 95 | 0.001 | 0.031 | 0.00871 | 0.00819 | 0.0008 | 0.0008 | 0.0161 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 panama ave | lte05ft | toluene | µg/kg | 14 | 21 | 67 | 0.13 | 0.31 | 0.18 | 0.0591 | 0.11 | 0.13 | 0.185 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | vanadium | mg/kg | 21 | 21 | 100 | 6.44 | 35.5 | 26.66 | 8.652 | -- | -- | 34.89 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte05ft | zinc | mg/kg | 21 | 21 | 100 | 7.89 | 46.5 | 27.82 | 9.052 | -- | -- | 31.22 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 28 | 25 | 0.0013 | 0.0039 | 0.00199 | 0.0008726 | 0.0011 | 0.011 | 0.00187 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 22 | 28 | 79 | 0.0006 | 0.014 | 0.00256 | 0.00291 | 0.0006 | 0.0006 | 0.00311 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 panama ave | lte10ft | antimony | mg/kg | 11 | 28 | 39 | 0.408 | 0.828 | 0.527 | 0.12 | 0.306 | 0.306 | 0.486 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 panama ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 0.89 | 6.15 | 3.216 | 1.446 | -- | -- | 3.682 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 panama ave | lte10ft | bap teq | mg/kg | 27 | 28 | 96 | 0.000575 | 0.0279 | 0.00481 | 0.0075 | 0.00053 | 0.00053 | 0.0108 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | benzene | µg/kg | 14 | 28 | 50 | 0.11 | 5.4 | 2.006 | 2.04 | 0.1 | 0.12 | 2.497 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 26 | 28 | 93 | 0.0008 | 0.028 | 0.00326 | 0.00543 | 0.0007 | 0.0007 | 0.00743 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 28 | 82 | 0.0006 | 0.019 | 0.00409 | 0.00592 | 0.0005 | 0.0005 | 0.00803 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 21 | 28 | 75 | 0.0005 | 0.018 | 0.00323 | 0.00451 | 0.0004 | 0.0004 | 0.00592 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 28 | 29 | 0.0013 | 0.01 | 0.00373 | 0.00372 | 0.0011 | 0.011 | 0.00288 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | chrysene | mg/kg | 17 | 28 | 61 | 0.0013 | 0.053 | 0.00749 | 0.0123 | 0.0012 | 0.0012 | 0.0134 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 panama ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 1.89 | 10.9 | 6.515 | 2.909 | -- | -- | 8.911 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 1.91 | 13 | 6.861 | 3.156 | -- | -- | 9.461 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 28 | 21 | 0.0007 | 0.0068 | 0.00257 | 0.00223 | 0.0007 | 0.0007 | 0.00237 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 panama ave | lte10ft | ethylbenzene | µg/kg | 7 | 28 | 25 | 0.28 | 1 | 0.687 | 0.264 | 0.12 | 0.15 | 0.665 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 28 | 46 | 0.001 | 0.013 | 0.00389 | 0.00416 | 0.0009 | 0.0009 | 0.00345 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | lead | mg/kg | 23 | 28 | 82 | 0.514 | 15.1 | 5.771 | 2.957 | 0.181 | 0.181 | 7.616 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | naphthalene | mg/kg | 16 | 28 | 57 | 0.0012 | 0.29 | 0.0214 | 0.0717 | 0.00025 | 0.00032 | 0.0582 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | pyrene | mg/kg | 26 | 28 | 93 | 0.0008 | 0.031 | 0.00751 | 0.00763 | 0.0008 | 0.0008 | 0.0133 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 panama ave | lte10ft | toluene | µg/kg | 21 | 28 | 75 | 0.13 | 0.93 | 0.338 | 0.266 | 0.11 | 0.13 | 0.371 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 6.44 | 35.5 | 23.55 | 9.937 | -- | -- | 31.74 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 panama ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 7.89 | 46.5 | 24.69 | 9.888 | -- | -- | 27.88 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 14 | 100 | 1.1 | 19000 | 1885 | 4979 | -- | -- | 6549 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 14 | 57 | 1.4 | 390 | 88.38 | 136.4 | 0.084 | 45 | 104 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 14 | 14 | 100 | 0.24 | 8.9 | 2.302 | 2.629 | -- | -- | 3.989 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24512 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 14 | 14 | 100 | 0.37 | 15 | 3.485 | 4.376 | -- | -- | 6.208 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | antimony | mg/kg | 5 | 14 | 36 | 0.597 | 1.24 | 0.946 | 0.287 | 0.147 | 0.306 | 1.07 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | arsenic | mg/kg | 14 | 14 | 100 | 3.73 | 8.57 | 6.258 | 1.629 | -- | -- | 7.029 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00586 | 0.283 | 0.057 | 0.0854 | -- | -- | 0.156 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | gt05lte10ft | benzene | µg/kg | 14 | 14 | 100 | 0.89 | 1100 | 241.4 | 384.1 | -- | -- | 624.1 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 12 | 14 | 86 | 0.0087 | 0.44 | 0.0798 | 0.131 | 0.013 | 0.13 | 0.215 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 14 | 64 | 0.0096 | 0.22 | 0.0505 | 0.0742 | 0.0049 | 0.099 | 0.11 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 14 | 64 | 0.0047 | 0.11 | 0.0333 | 0.0437 | 0.0035 | 0.07 | 0.0675 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | cadmium | mg/kg | 8 | 14 | 57 | 0.11 | 0.314 | 0.197 | 0.0784 | 0.0883 | 0.137 | 0.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | chrysene | mg/kg | 14 | 14 | 100 | 0.024 | 1.3 | 0.239 | 0.386 | -- | -- | 0.689 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | cobalt | mg/kg | 14 | 14 | 100 | 5.14 | 10.8 | 7.52 | 1.565 | -- | -- | 8.261 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | copper | mg/kg | 14 | 14 | 100 | 7.58 | 22.8 | 12.91 | 5 | -- | -- | 15.49 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 14 | 14 | 100 | 3.8 | 7000 | 1221 | 1860 | -- | -- | 2730 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | lead | mg/kg | 14 | 14 | 100 | 2.67 | 53.6 | 8.556 | 13.06 | -- | -- | 23.77 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 14 | 14 | 100 | 0.15 | 8.4 | 1.796 | 2.127 | -- | -- | 3.054 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | pyrene | mg/kg | 14 | 14 | 100 | 0.022 | 2.4 | 0.307 | 0.636 | -- | -- | 1.049 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | toluene | µg/kg | 6 | 14 | 43 | 0.26 | 50 | 11.91 | 20.25 | 11 | 42 | 23.01 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 14 | 14 | 100 | 380 | 8300 | 2296 | 2454 | -- | -- | 3737 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 14 | 14 | 100 | 24 | 1700 | 326.5 | 437 | -- | -- | 574.3 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 560 | 7600 | 2610 | 2474 | -- | -- | 4634 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | vanadium | mg/kg | 14 | 14 | 100 | 19.8 | 39.8 | 27.86 | 5.364 | -- | -- | 30.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 14 | 71 | 0.3 | 2800 | 565.9 | 892.5 | 0.17 | 22 | 1338 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | gt05lte10ft | zinc | mg/kg | 14 | 14 | 100 | 19.9 | 82.4 | 32.69 | 15.85 | -- | -- | 40.7 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 22 | 36 | 0.11 | 0.32 | 0.179 | 0.0799 | 0.091 | 0.56 | 0.171 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 16 | 22 | 73 | 0.0011 | 0.064 | 0.00716 | 0.0154 | 0.0011 | 0.01 | 0.0182 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 22 | 22 | 100 | 0.0016 | 0.12 | 0.0139 | 0.0247 | -- | -- | 0.0211 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte02ft | arsenic | mg/kg | 22 | 22 | 100 | 2.76 | 20 | 5.513 | 3.626 | -- | -- | 6.675 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte02ft | bap teq | mg/kg | 22 | 22 | 100 | 0.00137 | 0.0811 | 0.0177 | 0.0206 | -- | -- | 0.0264 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | benzene | µg/kg | 11 | 22 | 50 | 0.13 | 0.35 | 0.203 | 0.0764 | 0.1 | 0.12 | 0.191 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 22 | 22 | 100 | 0.0016 | 0.063 | 0.0169 | 0.0182 | -- | -- | 0.025 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 22 | 22 | 100 | 0.0009 | 0.048 | 0.0122 | 0.0134 | -- | -- | 0.018 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 21 | 22 | 95 | 0.0006 | 0.082 | 0.00986 | 0.0176 | 0.0052 | 0.0052 | 0.0256 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 22 | 36 | 0.0014 | 0.093 | 0.0143 | 0.0319 | 0.0011 | 0.009 | 0.0146 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte02ft | cadmium | mg/kg | 13 | 22 | 59 | 0.119 | 0.304 | 0.202 | 0.0592 | 0.0883 | 0.137 | 0.193 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | lte02ft | chrysene | mg/kg | 22 | 22 | 100 | 0.003 | 0.21 | 0.0495 | 0.0573 | -- | -- | 0.0758 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | cobalt | mg/kg | 22 | 22 | 100 | 6.97 | 12.2 | 8.932 | 1.227 | -- | -- | 9.382 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | lte02ft | copper | mg/kg | 22 | 22 | 100 | 8.96 | 29.1 | 13.81 | 4.762 | -- | -- | 15.52 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 15 | 22 | 68 | 0.0007 | 0.013 | 0.00465 | 0.00429 | 0.0007 | 0.0053 | 0.00493 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 22 | 68 | 0.0017 | 0.035 | 0.00787 | 0.00893 | 0.0009 | 0.0054 | 0.00895 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | lead | mg/kg | 22 | 22 | 100 | 5.83 | 19.4 | 8.726 | 2.943 | -- | -- | 9.864 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte02ft | naphthalene | mg/kg | 18 | 22 | 82 | 0.0013 | 0.047 | 0.00869 | 0.0106 | 0.00066 | 0.00078 | 0.012 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | pyrene | mg/kg | 22 | 22 | 100 | 0.0017 | 0.51 | 0.0419 | 0.106 | -- | -- | 0.141 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte02ft | toluene | µg/kg | 12 | 22 | 55 | 0.12 | 0.36 | 0.185 | 0.063 | 0.12 | 0.49 | 0.188 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | tph as diesel | mg/kg | 21 | 22 | 95 | 7.5 | 350 | 73.35 | 82.62 | 4.8 | 4.8 | 146.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | tph as gasoline | mg/kg | 12 | 22 | 55 | 0.054 | 0.28 | 0.106 | 0.0728 | 0.04 | 0.058 | 0.105 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte02ft | tph as motor oil | mg/kg | 22 | 22 | 100 | 13 | 1800 | 347.4 | 509.8 | -- | -- | 565.5 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte02ft | vanadium | mg/kg | 22 | 22 | 100 | 23.8 | 46.5 | 31.35 | 4.474 | -- | -- | 32.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte02ft | zinc | mg/kg | 22 | 22 | 100 | 26.2 | 81.7 | 35.92 | 11.44 | -- | -- | 39.69 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 21 | 42 | 50 | 0.11 | 26000 | 1877 | 5854 | 0.091 | 51 | 3797 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 42 | 19 | 0.087 | 6500 | 927.9 | 2257 | 0.077 | 48 | 451.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 31 | 42 | 74 | 0.0011 | 11 | 1.321 | 3.081 | 0.0011 | 0.01 | 2.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 42 | 42 | 100 | 0.0016 | 19 | 1.602 | 4.407 | -- | -- | 4.566 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | antimony | mg/kg | 9 | 42 | 21 | 0.653 | 1.13 | 0.936 | 0.192 | 0.143 | 0.306 | 0.82 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | lte05ft | arsenic | mg/kg | 42 | 42 | 100 | 2.42 | 20 | 6.024 | 3.523 | -- | -- | 6.967 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | bap teq | mg/kg | 41 | 42 | 98 | 0.00137 | 0.107 | 0.0322 | 0.0306 | 0.103 | 0.103 | 0.0528 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte05ft | benzene | µg/kg | 24 | 42 | 57 | 0.11 | 3900 | 216.5 | 805.7 | 0.1 | 11 | 539.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 37 | 42 | 88 | 0.0016 | 0.096 | 0.0263 | 0.0253 | 0.026 | 0.13 | 0.0324 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 37 | 42 | 88 | 0.0009 | 0.065 | 0.0203 | 0.0192 | 0.02 | 0.099 | 0.0248 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 36 | 42 | 86 | 0.0006 | 0.082 | 0.0131 | 0.0157 | 0.0052 | 0.07 | 0.0227 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24512 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 17 | 42 | 40 | 0.0014 | 0.093 | 0.0128 | 0.0216 | 0.0011 | 0.23 | 0.0112 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte05ft | cadmium | mg/kg | 22 | 42 | 52 | 0.111 | 0.314 | 0.212 | 0.0584 | 0.0883 | 0.139 | 0.184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | lte05ft | chrysene | mg/kg | 41 | 42 | 98 | 0.003 | 0.5 | 0.105 | 0.111 | 0.24 | 0.24 | 0.179 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte05ft | cobalt | mg/kg | 42 | 42 | 100 | 5.76 | 12.2 | 8.683 | 1.273 | -- | -- | 9.013 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | lte05ft | copper | mg/kg | 42 | 42 | 100 | 8.96 | 29.1 | 13.8 | 4.073 | -- | -- | 14.84 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 27 | 42 | 64 | 0.0007 | 0.013 | 0.00558 | 0.00416 | 0.0007 | 0.13 | 0.0056 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte05ft | ethylbenzene | µg/kg | 12 | 42 | 29 | 0.25 | 11000 | 1486 | 3216 | 0.12 | 13 | 1673 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 29 | 42 | 69 | 0.0015 | 0.035 | 0.00928 | 0.00806 | 0.0009 | 0.17 | 0.01 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte05ft | lead | mg/kg | 42 | 42 | 100 | 4.37 | 19.4 | 8.089 | 2.58 | -- | -- | 8.719 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte05ft | naphthalene | mg/kg | 35 | 42 | 83 | 0.0013 | 10 | 0.801 | 2.144 | 0.00064 | 0.00078 | 2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | pyrene | mg/kg | 42 | 42 | 100 | 0.0017 | 0.51 | 0.107 | 0.13 | -- | -- | 0.153 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte05ft | toluene | µg/kg | 21 | 42 | 50 | 0.12 | 0.36 | 0.175 | 0.052 | 0.12 | 45 | 0.178 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | tph as diesel | mg/kg | 41 | 42 | 98 | 7.5 | 11000 | 1062 | 2586 | 4.8 | 4.8 | 2759 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | tph as gasoline | mg/kg | 32 | 42 | 76 | 0.054 | 3100 | 198.2 | 626.3 | 0.04 | 0.058 | 523.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | tph as motor oil | mg/kg | 42 | 42 | 100 | 13 | 15000 | 1497 | 3239 | -- | -- | 3676 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | vanadium | mg/kg | 42 | 42 | 100 | 23.2 | 46.5 | 31.13 | 4.62 | -- | -- | 32.36 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte05ft | xylenes, total | µg/kg | 10 | 42 | 24 | 0.16 | 27000 | 3071 | 8450 | 0.16 | 23 | 3655 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte05ft | zinc | mg/kg | 42 | 42 | 100 | 24.5 | 81.7 | 34.97 | 8.987 | -- | -- | 37.06 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 35 | 56 | 63 | 0.11 | 26000 | 1880 | 5444 | 0.091 | 51 | 3739 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 16 | 56 | 29 | 0.087 | 6500 | 508.2 | 1605 | 0.077 | 48 | 344.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 45 | 56 | 80 | 0.0011 | 11 | 1.626 | 2.954 | 0.0011 | 0.01 | 2.896 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 56 | 56 | 100 | 0.0016 | 19 | 2.073 | 4.436 | -- | -- | 4.657 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte10ft | antimony | mg/kg | 14 | 56 | 25 | 0.597 | 1.24 | 0.94 | 0.219 | 0.143 | 0.306 | 0.776 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | arsenic | mg/kg | 56 | 56 | 100 | 2.42 | 20 | 6.083 | 3.145 | -- | -- | 6.753 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte10ft | bap teq | mg/kg | 55 | 56 | 98 | 0.00137 | 0.283 | 0.0385 | 0.0507 | 0.103 | 0.103 | 0.0677 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | benzene | µg/kg | 38 | 56 | 68 | 0.11 | 3900 | 225.7 | 674.9 | 0.1 | 11 | 482.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 49 | 56 | 88 | 0.0016 | 0.44 | 0.0394 | 0.0705 | 0.013 | 0.13 | 0.0759 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 46 | 56 | 82 | 0.0009 | 0.22 | 0.0262 | 0.0377 | 0.0049 | 0.099 | 0.0442 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 45 | 56 | 80 | 0.0006 | 0.11 | 0.0172 | 0.0247 | 0.0035 | 0.07 | 0.0284 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 19 | 56 | 34 | 0.0014 | 0.093 | 0.0136 | 0.0213 | 0.0011 | 0.23 | 0.0101 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | cadmium | mg/kg | 30 | 56 | 54 | 0.11 | 0.314 | 0.208 | 0.0633 | 0.0883 | 0.139 | 0.178 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | chrysene | mg/kg | 55 | 56 | 98 | 0.003 | 1.3 | 0.139 | 0.22 | 0.24 | 0.24 | 0.265 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte10ft | cobalt | mg/kg | 56 | 56 | 100 | 5.14 | 12.2 | 8.392 | 1.43 | -- | -- | 8.712 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | copper | mg/kg | 56 | 56 | 100 | 7.58 | 29.1 | 13.58 | 4.292 | -- | -- | 14.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 29 | 56 | 52 | 0.0007 | 0.02 | 0.00594 | 0.00489 | 0.0007 | 0.13 | 0.0055 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte10ft | ethylbenzene | µg/kg | 26 | 56 | 46 | 0.25 | 11000 | 1343 | 2524 | 0.12 | 13 | 1037 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24512 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 31 | 56 | 55 | 0.0015 | 0.039 | 0.01 | 0.00954 | 0.0009 | 0.17 | 0.00951 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte10ft | lead | mg/kg | 56 | 56 | 100 | 2.67 | 53.6 | 8.206 | 6.732 | -- | -- | 9.828 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte10ft | naphthalene | mg/kg | 49 | 56 | 88 | 0.0013 | 10 | 1.085 | 2.165 | 0.00064 | 0.00078 | 2.148 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte10ft | pyrene | mg/kg | 56 | 56 | 100 | 0.0017 | 2.4 | 0.157 | 0.341 | -- | -- | 0.217 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte10ft | toluene | µg/kg | 27 | 56 | 48 | 0.12 | 50 | 2.781 | 10.18 | 0.12 | 45 | 3.207 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte10ft | tph as diesel | mg/kg | 55 | 56 | 98 | 7.5 | 11000 | 1376 | 2588 | 4.8 | 4.8 | 2850 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | tph as gasoline | mg/kg | 46 | 56 | 82 | 0.054 | 3100 | 237.3 | 573.6 | 0.04 | 0.058 | 502.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24512 ravenna ave | lte10ft | tph as motor oil | mg/kg | 56 | 56 | 100 | 13 | 15000 | 1776 | 3083 | -- | -- | 4613 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | vanadium | mg/kg | 56 | 56 | 100 | 19.8 | 46.5 | 30.31 | 4.975 | -- | -- | 31.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24512 ravenna ave | lte10ft | xylenes, total | µg/kg | 20 | 56 | 36 | 0.16 | 27000 | 1818 | 5988 | 0.16 | 23 | 1474 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24512 ravenna ave | lte10ft | zinc | mg/kg | 56 | 56 | 100 | 19.9 | 82.4 | 34.4 | 10.98 | -- | -- | 36.95 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 12 | 75 | 0.09 | 8000 | 2608 | 3272 | 0.1 | 48 | 5827 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 12 | 58 | 13 | 1300 | 509.9 | 499.5 | 0.076 | 41 | 578.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.0088 | 20 | 5.75 | 5.888 | 0.0054 | 0.0054 | 8.319 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.013 | 32 | 8.422 | 9.442 | -- | -- | 25.2 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 2.75 | 14.4 | 8.847 | 2.978 | -- | -- | 10.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | bap teq | mg/kg | 11 | 12 | 92 | 0.00173 | 0.247 | 0.0567 | 0.0711 | 0.103 | 0.103 | 0.141 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 12 | 67 | 0.0054 | 0.4 | 0.0928 | 0.135 | 0.033 | 0.13 | 0.135 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | chrysene | mg/kg | 11 | 12 | 92 | 0.019 | 1.4 | 0.285 | 0.407 | 0.24 | 0.24 | 0.765 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 6.16 | 16.4 | 9.526 | 2.712 | -- | -- | 11.05 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 7.92 | 29.4 | 18 | 5.638 | -- | -- | 20.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 9 | 12 | 75 | 330 | 4700 | 2151 | 1782 | 0.12 | 12 | 2516 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 3.58 | 8.63 | 5.811 | 1.46 | -- | -- | 6.568 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24513 neptune ave | gt05lte10ft | naphthalene | mg/kg | 11 | 12 | 92 | 0.0094 | 9.2 | 4.263 | 3.063 | 0.0019 | 0.0019 | 5.558 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | pyrene | mg/kg | 12 | 12 | 100 | 0.015 | 2.9 | 0.453 | 0.801 | -- | -- | 1.045 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 12 | 12 | 100 | 24 | 12000 | 4110 | 3094 | -- | -- | 5714 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 12 | 83 | 4.3 | 1000 | 507.5 | 351.3 | 0.048 | 0.049 | 619 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 57 | 13000 | 4255 | 3316 | -- | -- | 7449 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 23.1 | 46.9 | 35.52 | 7.602 | -- | -- | 39.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 12 | 58 | 65 | 3100 | 1039 | 1151 | 0.15 | 16 | 1162 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 23.6 | 62.9 | 40.53 | 10.37 | -- | -- | 45.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 16 | 31 | 0.11 | 1.9 | 0.824 | 0.731 | 0.091 | 0.12 | 0.853 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 16 | 88 | 0.0038 | 0.037 | 0.0133 | 0.00827 | 0.003 | 0.003 | 0.0158 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 3.88 | 9.23 | 5.792 | 1.475 | -- | -- | 6.438 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00293 | 0.0576 | 0.0188 | 0.0162 | -- | -- | 0.028 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte02ft | benzene | µg/kg | 8 | 16 | 50 | 0.14 | 0.39 | 0.233 | 0.0982 | 0.11 | 0.14 | 0.224 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 16 | 94 | 0.0037 | 0.061 | 0.0215 | 0.0181 | 0.013 | 0.013 | 0.0401 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 16 | 69 | 0.0049 | 0.044 | 0.0181 | 0.0129 | 0.0025 | 0.0099 | 0.0198 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 16 | 81 | 0.0038 | 0.023 | 0.0098 | 0.00661 | 0.0018 | 0.007 | 0.0117 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0082 | 0.17 | 0.059 | 0.0509 | -- | -- | 0.0879 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 7.44 | 11 | 9.631 | 1.166 | -- | -- | 10.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 10.6 | 19.6 | 14.76 | 2.557 | -- | -- | 15.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 16 | 38 | 0.0029 | 0.014 | 0.00812 | 0.00439 | 0.0043 | 0.017 | 0.00989 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 6.09 | 18.2 | 9.034 | 3.059 | -- | -- | 10.44 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24513 neptune ave | lte02ft | naphthalene | mg/kg | 11 | 16 | 69 | 0.0032 | 0.067 | 0.019 | 0.0211 | 0.00026 | 0.00033 | 0.0237 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 neptune ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0064 | 0.12 | 0.0343 | 0.0309 | -- | -- | 0.0508 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte02ft | toluene | µg/kg | 5 | 16 | 31 | 0.13 | 0.41 | 0.28 | 0.117 | 0.12 | 0.16 | 0.296 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte02ft | tph as diesel | mg/kg | 15 | 16 | 94 | 5.8 | 370 | 124.2 | 111.7 | 4.8 | 4.8 | 238.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 30 | 1100 | 376.3 | 342.8 | -- | -- | 584.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 28.6 | 41.4 | 34.14 | 3.795 | -- | -- | 35.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 33.6 | 77.7 | 44.94 | 12.18 | -- | -- | 50.29 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 25 | 32 | 0.11 | 14 | 2.321 | 4.759 | 0.091 | 0.12 | 1.813 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 25 | 80 | 0.0006 | 0.037 | 0.0127 | 0.00994 | 0.0006 | 0.012 | 0.0143 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 2.25 | 9.23 | 5.155 | 1.648 | -- | -- | 5.719 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.000675 | 0.106 | 0.0228 | 0.0242 | -- | -- | 0.033 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | benzene | µg/kg | 9 | 25 | 36 | 0.14 | 0.39 | 0.226 | 0.0942 | 0.11 | 12 | 0.203 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 23 | 25 | 92 | 0.0014 | 0.084 | 0.0244 | 0.0222 | 0.0007 | 0.013 | 0.042 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 25 | 76 | 0.0022 | 0.08 | 0.0211 | 0.0192 | 0.0005 | 0.0099 | 0.0237 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 25 | 76 | 0.0035 | 0.047 | 0.0132 | 0.0116 | 0.0004 | 0.007 | 0.0148 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.0026 | 0.25 | 0.0669 | 0.0625 | -- | -- | 0.0954 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 5.83 | 11 | 9.072 | 1.495 | -- | -- | 9.583 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 6.12 | 19.6 | 13.08 | 3.477 | -- | -- | 14.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 25 | 28 | 0.0029 | 0.024 | 0.0104 | 0.00722 | 0.0009 | 0.017 | 0.0104 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 3.47 | 18.2 | 8.258 | 2.911 | -- | -- | 9.272 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | naphthalene | mg/kg | 15 | 25 | 60 | 0.001 | 0.13 | 0.0275 | 0.0357 | 0.00025 | 0.00033 | 0.0308 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | pyrene | mg/kg | 25 | 25 | 100 | 0.0037 | 0.23 | 0.0518 | 0.0545 | -- | -- | 0.0753 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | toluene | µg/kg | 6 | 25 | 24 | 0.13 | 0.41 | 0.262 | 0.114 | 0.12 | 13 | 0.238 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte05ft | tph as diesel | mg/kg | 24 | 25 | 96 | 5.8 | 620 | 144.7 | 145.7 | 4.8 | 4.8 | 265.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | tph as motor oil | mg/kg | 25 | 25 | 100 | 30 | 1100 | 380.5 | 335.9 | -- | -- | 530.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 19.3 | 41.4 | 32.61 | 5.186 | -- | -- | 34.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 19.6 | 96.2 | 42.2 | 16.69 | -- | -- | 47.81 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 37 | 46 | 0.09 | 8000 | 1382 | 2674 | 0.091 | 48 | 1175 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 37 | 24 | 0.13 | 1300 | 397.9 | 486.3 | 0.076 | 41 | 180.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 15 | 37 | 41 | 0.0034 | 20 | 4.219 | 5.628 | 0.0011 | 0.021 | 2.871 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 32 | 37 | 86 | 0.0006 | 32 | 3.166 | 6.982 | 0.0006 | 0.012 | 7.457 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 neptune ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 2.25 | 14.4 | 6.352 | 2.755 | -- | -- | 7.117 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte10ft | bap teq | mg/kg | 36 | 37 | 97 | 0.000675 | 0.247 | 0.0332 | 0.0458 | 0.103 | 0.103 | 0.0654 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte10ft | benzene | µg/kg | 13 | 37 | 35 | 0.14 | 920 | 142.5 | 299.7 | 0.1 | 55 | 187.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 31 | 37 | 84 | 0.0014 | 0.4 | 0.0421 | 0.0744 | 0.0007 | 0.13 | 0.0873 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 37 | 57 | 0.0022 | 0.08 | 0.0201 | 0.0185 | 0.0005 | 0.2 | 0.0198 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 21 | 37 | 57 | 0.0035 | 0.047 | 0.0129 | 0.0111 | 0.0004 | 0.14 | 0.013 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte10ft | chrysene | mg/kg | 36 | 37 | 97 | 0.0026 | 1.4 | 0.134 | 0.246 | 0.24 | 0.24 | 0.306 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24513 neptune ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 5.83 | 16.4 | 9.219 | 1.945 | -- | -- | 9.775 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 neptune ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 6.12 | 29.4 | 14.67 | 4.82 | -- | -- | 16.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte10ft | ethylbenzene | µg/kg | 11 | 37 | 30 | 0.16 | 4700 | 1763 | 1813 | 0.12 | 12 | 885.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 37 | 22 | 0.0029 | 0.024 | 0.00993 | 0.00681 | 0.0009 | 0.35 | 0.00902 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 3.47 | 18.2 | 7.465 | 2.766 | -- | -- | 8.232 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte10ft | naphthalene | mg/kg | 26 | 37 | 70 | 0.001 | 9.2 | 1.819 | 2.882 | 0.00025 | 0.0019 | 3.114 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 neptune ave | lte10ft | pyrene | mg/kg | 37 | 37 | 100 | 0.0037 | 2.9 | 0.182 | 0.484 | -- | -- | 0.325 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24513 neptune ave | lte10ft | toluene | µg/kg | 6 | 37 | 16 | 0.13 | 0.41 | 0.262 | 0.114 | 0.12 | 62 | 0.241 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte10ft | tph as diesel | mg/kg | 36 | 37 | 97 | 5.8 | 12000 | 1467 | 2572 | 4.8 | 4.8 | 3254 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 neptune ave | lte10ft | tph as gasoline | mg/kg | 14 | 37 | 38 | 0.071 | 1000 | 362.5 | 376.9 | 0.045 | 0.069 | 348.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 neptune ave | lte10ft | tph as motor oil | mg/kg | 37 | 37 | 100 | 30 | 13000 | 1637 | 2611 | -- | -- | 3508 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 neptune ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 19.3 | 46.9 | 33.55 | 6.123 | -- | -- | 35.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 neptune ave | lte10ft | xylenes, total | µg/kg | 10 | 37 | 27 | 0.27 | 3100 | 732.4 | 1061 | 0.15 | 16 | 378.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 neptune ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 19.6 | 96.2 | 41.66 | 14.8 | -- | -- | 45.89 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 17 | 88 | 0.27 | 29000 | 4905 | 7285 | 9.1 | 9.2 | 11766 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 17 | 41 | 8 | 4700 | 1813 | 1569 | 0.075 | 8.2 | 1750 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 17 | 17 | 100 | 0.018 | 15 | 6.617 | 5.631 | -- | -- | 12.57 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 17 | 17 | 100 | 0.009 | 25 | 10.51 | 9.316 | -- | -- | 20.4 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | arsenic | mg/kg | 17 | 17 | 100 | 3.86 | 37.9 | 8.533 | 8.161 | -- | -- | 17.16 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | gt05lte10ft | bap teq | mg/kg | 12 | 17 | 71 | 0.00438 | 0.198 | 0.0718 | 0.0678 | 0.0261 | 0.208 | 0.0904 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | benzene | µg/kg | 14 | 17 | 82 | 0.64 | 3900 | 613.1 | 994.8 | 10 | 11 | 1493 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 17 | 59 | 0.0054 | 0.2 | 0.0695 | 0.08 | 0.033 | 0.26 | 0.0878 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 17 | 47 | 0.0031 | 0.11 | 0.0273 | 0.0359 | 0.025 | 0.2 | 0.0358 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 17 | 29 | 0.0026 | 0.03 | 0.00938 | 0.0117 | 0.0035 | 0.14 | 0.0133 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | chrysene | mg/kg | 11 | 17 | 65 | 0.012 | 0.44 | 0.167 | 0.155 | 0.059 | 0.47 | 0.203 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | cobalt | mg/kg | 17 | 17 | 100 | 5.14 | 10.3 | 7.272 | 1.542 | -- | -- | 7.925 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | copper | mg/kg | 17 | 17 | 100 | 7.24 | 24.6 | 12.42 | 4.878 | -- | -- | 14.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 16 | 17 | 94 | 6.5 | 12000 | 3162 | 3068 | 12 | 12 | 6226 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | lead | mg/kg | 17 | 17 | 100 | 3.3 | 9.7 | 4.816 | 1.577 | -- | -- | 5.479 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | naphthalene | mg/kg | 16 | 17 | 94 | 0.22 | 11 | 5.179 | 3.853 | 0.0093 | 0.0093 | 6.55 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | pyrene | mg/kg | 13 | 17 | 76 | 0.023 | 1.3 | 0.266 | 0.35 | 0.041 | 0.33 | 0.557 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | toluene | µg/kg | 9 | 17 | 53 | 0.57 | 25 | 14.14 | 8.742 | 11 | 12 | 15.06 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | tph as diesel | mg/kg | 17 | 17 | 100 | 80 | 14000 | 5198 | 4647 | -- | -- | 8773 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 17 | 17 | 100 | 26 | 2300 | 691.2 | 644.9 | -- | -- | 1090 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 17 | 17 | 100 | 120 | 17000 | 5270 | 4803 | -- | -- | 7304 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | vanadium | mg/kg | 17 | 17 | 100 | 21.9 | 62.9 | 30.02 | 10.28 | -- | -- | 34.61 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | gt05lte10ft | xylenes, total | µg/kg | 15 | 17 | 88 | 0.9 | 13000 | 2436 | 3864 | 16 | 16 | 6082 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | gt05lte10ft | zinc | mg/kg | 17 | 17 | 100 | 22.2 | 43.7 | 29.87 | 6.747 | -- | -- | 32.79 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 19 | 20 | 95 | 0.0029 | 0.071 | 0.0178 | 0.0198 | 0.024 | 0.024 | 0.0364 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte02ft | antimony | mg/kg | 10 | 20 | 50 | 0.396 | 1.09 | 0.632 | 0.195 | 0.306 | 0.306 | 0.614 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 1.75 | 8.27 | 4.012 | 1.606 | -- | -- | 4.673 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00054 | 0.2 | 0.0398 | 0.0491 | -- | -- | 0.0616 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte02ft | benzene | µg/kg | 14 | 20 | 70 | 0.13 | 0.84 | 0.288 | 0.181 | 0.1 | 0.13 | 0.31 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 19 | 20 | 95 | 0.0044 | 0.26 | 0.0452 | 0.0642 | 0.0007 | 0.0007 | 0.105 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 19 | 20 | 95 | 0.0043 | 0.14 | 0.03 | 0.0343 | 0.0005 | 0.0005 | 0.0618 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 20 | 80 | 0.0024 | 0.082 | 0.0195 | 0.0215 | 0.0004 | 0.014 | 0.026 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte02ft | chromium, hexavalent | mg/kg | 5 | 20 | 25 | 0.23 | 0.64 | 0.38 | 0.153 | 0.22 | 0.22 | 0.371 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte02ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0016 | 0.83 | 0.128 | 0.214 | -- | -- | 0.336 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 4.82 | 9.39 | 7.693 | 1.105 | -- | -- | 8.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 6.01 | 16.1 | 10.77 | 2.649 | -- | -- | 11.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 20 | 35 | 0.0014 | 0.037 | 0.0134 | 0.0121 | 0.0009 | 0.069 | 0.0121 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 3.74 | 20.5 | 9.006 | 4.258 | -- | -- | 10.76 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte02ft | naphthalene | mg/kg | 9 | 20 | 45 | 0.00029 | 0.013 | 0.00502 | 0.00519 | 0.00024 | 0.00033 | 0.00407 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0016 | 0.41 | 0.0683 | 0.111 | -- | -- | 0.177 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte02ft | toluene | µg/kg | 10 | 20 | 50 | 0.14 | 0.72 | 0.338 | 0.244 | 0.11 | 0.15 | 0.321 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte02ft | tph as diesel | mg/kg | 19 | 20 | 95 | 22 | 670 | 212.4 | 194.1 | 4.8 | 4.8 | 391.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte02ft | tph as gasoline | mg/kg | 7 | 20 | 35 | 0.05 | 0.09 | 0.0687 | 0.0139 | 0.048 | 0.063 | 0.0672 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte02ft | tph as motor oil | mg/kg | 19 | 20 | 95 | 51 | 1900 | 562.7 | 503.7 | 7 | 7 | 1029 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 16.3 | 31.7 | 26.5 | 4.075 | -- | -- | 28.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24513 panama ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 19.6 | 52.9 | 32.71 | 7.648 | -- | -- | 35.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 34 | 35 | 0.12 | 15000 | 2318 | 5088 | 0.085 | 9.5 | 3238 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 34 | 41 | 0.0011 | 20 | 4.071 | 5.89 | 0.0043 | 0.086 | 2.93 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 32 | 34 | 94 | 0.0029 | 33 | 2.764 | 6.926 | 0.012 | 0.024 | 7.649 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte05ft | antimony | mg/kg | 18 | 34 | 53 | 0.339 | 1.09 | 0.573 | 0.172 | 0.306 | 0.306 | 0.513 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte05ft | arsenic | mg/kg | 34 | 34 | 100 | 1.75 | 9.39 | 5.231 | 2.181 | -- | -- | 5.864 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte05ft | bap teq | mg/kg | 33 | 34 | 97 | 0.00054 | 0.232 | 0.0513 | 0.0594 | 0.103 | 0.103 | 0.0944 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte05ft | benzene | µg/kg | 24 | 34 | 71 | 0.13 | 1600 | 126.1 | 399 | 0.1 | 11 | 343.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 31 | 34 | 91 | 0.0044 | 0.26 | 0.0556 | 0.0745 | 0.0007 | 0.13 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 28 | 34 | 82 | 0.0043 | 0.15 | 0.0343 | 0.041 | 0.0005 | 0.099 | 0.0595 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 34 | 68 | 0.0024 | 0.082 | 0.0191 | 0.0224 | 0.0004 | 0.07 | 0.022 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 34 | 15 | 0.0012 | 0.011 | 0.00362 | 0.00415 | 0.0011 | 0.23 | 0.00302 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 34 | 15 | 0.23 | 0.64 | 0.38 | 0.153 | 0.22 | 0.22 | 0.366 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte05ft | chrysene | mg/kg | 32 | 34 | 94 | 0.0016 | 1.2 | 0.174 | 0.272 | 0.22 | 0.22 | 0.365 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte05ft | cobalt | mg/kg | 34 | 34 | 100 | 4.82 | 9.65 | 7.825 | 1.14 | -- | -- | 8.156 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte05ft | copper | mg/kg | 34 | 34 | 100 | 6.01 | 17.5 | 12.14 | 3.202 | -- | -- | 13.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 34 | 15 | 0.0013 | 0.034 | 0.0108 | 0.0133 | 0.0007 | 0.13 | 0.00578 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte05ft | ethylbenzene | µg/kg | 11 | 34 | 32 | 0.22 | 6900 | 1447 | 2361 | 0.11 | 13 | 909 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 34 | 29 | 0.0013 | 0.037 | 0.00979 | 0.0115 | 0.0009 | 0.17 | 0.00771 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte05ft | lead | mg/kg | 34 | 34 | 100 | 3.67 | 20.5 | 7.685 | 3.716 | -- | -- | 8.732 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte05ft | naphthalene | mg/kg | 23 | 34 | 68 | 0.00029 | 12 | 1.501 | 2.996 | 0.00024 | 0.00033 | 2.934 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte05ft | pyrene | mg/kg | 33 | 34 | 97 | 0.0016 | 1.2 | 0.169 | 0.291 | 0.16 | 0.16 | 0.38 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte05ft | toluene | µg/kg | 16 | 34 | 47 | 0.11 | 13 | 1.871 | 4.349 | 0.11 | 12 | 3.282 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte05ft | tph as diesel | mg/kg | 33 | 34 | 97 | 22 | 20000 | 1627 | 3778 | 4.8 | 4.8 | 4370 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte05ft | tph as gasoline | mg/kg | 21 | 34 | 62 | 0.05 | 1400 | 209.5 | 399 | 0.048 | 0.063 | 376.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte05ft | tph as motor oil | mg/kg | 33 | 34 | 97 | 51 | 25000 | 2076 | 4520 | 7 | 7 | 5355 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte05ft | vanadium | mg/kg | 34 | 34 | 100 | 16.3 | 38.2 | 28.44 | 4.589 | -- | -- | 29.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte05ft | xylenes, total | µg/kg | 12 | 34 | 35 | 0.23 | 5600 | 847.5 | 1957 | 0.15 | 16 | 1224 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte05ft | zinc | mg/kg | 34 | 34 | 100 | 19.6 | 52.9 | 33.16 | 6.44 | -- | -- | 35.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 27 | 51 | 53 | 0.12 | 29000 | 3755 | 6422 | 0.085 | 9.5 | 5069 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 51 | 22 | 0.086 | 4700 | 1553 | 1481 | 0.072 | 8.2 | 725.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 31 | 51 | 61 | 0.0011 | 20 | 5.468 | 5.797 | 0.0043 | 0.086 | 6.542 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 49 | 51 | 96 | 0.0029 | 33 | 5.451 | 8.589 | 0.012 | 0.024 | 10.42 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte10ft | antimony | mg/kg | 21 | 51 | 41 | 0.339 | 1.09 | 0.571 | 0.179 | 0.306 | 0.306 | 0.486 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte10ft | arsenic | mg/kg | 51 | 51 | 100 | 1.75 | 37.9 | 6.332 | 5.189 | -- | -- | 7.066 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte10ft | bap teq | mg/kg | 45 | 51 | 88 | 0.00054 | 0.232 | 0.0567 | 0.0616 | 0.0261 | 0.208 | 0.0909 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte10ft | benzene | µg/kg | 38 | 51 | 75 | 0.13 | 3900 | 305.6 | 709.5 | 0.1 | 11 | 610.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 41 | 51 | 80 | 0.0044 | 0.26 | 0.059 | 0.0751 | 0.0007 | 0.26 | 0.097 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 36 | 51 | 71 | 0.0031 | 0.15 | 0.0327 | 0.0395 | 0.0005 | 0.2 | 0.037 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 51 | 55 | 0.0024 | 0.082 | 0.0173 | 0.0211 | 0.0004 | 0.14 | 0.018 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 51 | 12 | 0.0012 | 0.011 | 0.00323 | 0.00383 | 0.0011 | 0.45 | 0.00273 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 51 | 14 | 0.23 | 0.64 | 0.349 | 0.137 | 0.22 | 0.22 | 0.262 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte10ft | chrysene | mg/kg | 43 | 51 | 84 | 0.0016 | 1.2 | 0.172 | 0.246 | 0.059 | 0.47 | 0.297 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte10ft | cobalt | mg/kg | 51 | 51 | 100 | 4.82 | 10.3 | 7.64 | 1.299 | -- | -- | 7.945 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte10ft | copper | mg/kg | 51 | 51 | 100 | 6.01 | 24.6 | 12.23 | 3.794 | -- | -- | 13.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 51 | 10 | 0.0013 | 0.034 | 0.0108 | 0.0133 | 0.0007 | 0.27 | 0.00478 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte10ft | ethylbenzene | µg/kg | 27 | 51 | 53 | 0.22 | 12000 | 2463 | 2883 | 0.11 | 13 | 1877 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 51 | 22 | 0.0011 | 0.037 | 0.009 | 0.0112 | 0.0009 | 0.35 | 0.00639 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte10ft | lead | mg/kg | 51 | 51 | 100 | 3.3 | 20.5 | 6.729 | 3.432 | -- | -- | 7.478 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte10ft | naphthalene | mg/kg | 39 | 51 | 76 | 0.00029 | 12 | 3.01 | 3.797 | 0.00024 | 0.0093 | 4.477 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte10ft | pyrene | mg/kg | 46 | 51 | 90 | 0.0016 | 1.3 | 0.196 | 0.308 | 0.041 | 0.33 | 0.362 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte10ft | toluene | µg/kg | 25 | 51 | 49 | 0.11 | 25 | 6.288 | 8.569 | 0.11 | 12 | 7.453 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte10ft | tph as diesel | mg/kg | 50 | 51 | 98 | 22 | 20000 | 2841 | 4393 | 4.8 | 4.8 | 5451 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte10ft | tph as gasoline | mg/kg | 38 | 51 | 75 | 0.05 | 2300 | 425 | 569.9 | 0.048 | 0.063 | 638.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 panama ave | lte10ft | tph as motor oil | mg/kg | 50 | 51 | 98 | 51 | 25000 | 3162 | 4818 | 7 | 7 | 6025 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 panama ave | lte10ft | vanadium | mg/kg | 51 | 51 | 100 | 16.3 | 62.9 | 28.97 | 6.95 | -- | -- | 30.5 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 panama ave | lte10ft | xylenes, total | µg/kg | 27 | 51 | 53 | 0.23 | 13000 | 1730 | 3211 | 0.15 | 16 | 1536 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 panama ave | lte10ft | zinc | mg/kg | 51 | 51 | 100 | 19.6 | 52.9 | 32.06 | 6.663 | -- | -- | 33.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 12 | 67 | 2.5 | 8700 | 2254 | 3026 | 0.097 | 10 | 3050 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24513 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 12 | 67 | 1.6 | 2100 | 478.1 | 786.1 | 0.082 | 8.8 | 665.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.06 | 22 | 5.777 | 7.157 | -- | -- | 12.96 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.11 | 36 | 8.673 | 11.47 | -- | -- | 19.96 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | antimony | mg/kg | 10 | 12 | 83 | 0.344 | 2.67 | 1.413 | 0.806 | 0.306 | 0.306 | 1.674 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 3.49 | 12.8 | 8.262 | 2.938 | -- | -- | 9.785 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00382 | 0.223 | 0.0862 | 0.0938 | -- | -- | 0.175 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | benzene | µg/kg | 8 | 12 | 67 | 0.18 | 350 | 112.6 | 108.5 | 0.11 | 12 | 207.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 12 | 67 | 0.011 | 0.22 | 0.0866 | 0.0789 | 0.033 | 0.26 | 0.119 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | chrysene | mg/kg | 12 | 12 | 100 | 0.031 | 1.7 | 0.417 | 0.526 | -- | -- | 0.781 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 5.96 | 12.4 | 8.348 | 1.759 | -- | -- | 9.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 9.29 | 19.6 | 14.97 | 3.185 | -- | -- | 16.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 11 | 12 | 92 | 1.6 | 3600 | 923.8 | 1126 | 0.13 | 0.13 | 2245 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 3.14 | 7.12 | 5.058 | 1.267 | -- | -- | 5.715 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.00049 | 11 | 3.146 | 3.506 | -- | -- | 9.109 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | pyrene | mg/kg | 12 | 12 | 100 | 0.021 | 2.9 | 0.586 | 0.825 | -- | -- | 1.18 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 12 | 12 | 100 | 700 | 23000 | 6100 | 6863 | -- | -- | 11198 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 12 | 92 | 1.1 | 1500 | 329 | 422.3 | 0.053 | 0.053 | 824.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 900 | 24000 | 6309 | 7053 | -- | -- | 11396 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 23.7 | 42.6 | 32.6 | 6.129 | -- | -- | 35.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 12 | 58 | 2.3 | 2800 | 818.9 | 1059 | 0.17 | 18 | 1065 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 22.9 | 44.2 | 35.98 | 6.249 | -- | -- | 39.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.0018 | 0.071 | 0.0204 | 0.0243 | 0.0006 | 0.003 | 0.0467 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte02ft | antimony | mg/kg | 8 | 12 | 67 | 0.406 | 1.68 | 0.893 | 0.508 | 0.306 | 0.306 | 0.98 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 2.18 | 9.99 | 5.445 | 2.271 | -- | -- | 6.622 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | bap teq | mg/kg | 11 | 12 | 92 | 0.000743 | 0.0578 | 0.0175 | 0.0172 | 0.00261 | 0.00261 | 0.0377 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte02ft | benzene | µg/kg | 7 | 12 | 58 | 0.13 | 0.92 | 0.383 | 0.3 | 0.11 | 0.14 | 0.415 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 12 | 92 | 0.0021 | 0.054 | 0.018 | 0.0154 | 0.0033 | 0.0033 | 0.0362 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 12 | 83 | 0.0023 | 0.042 | 0.0142 | 0.0128 | 0.0005 | 0.0025 | 0.0199 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 5 | 12 | 42 | 0.0045 | 0.011 | 0.00668 | 0.00288 | 0.0004 | 0.014 | 0.00713 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | cadmium | mg/kg | 7 | 12 | 58 | 0.119 | 0.37 | 0.216 | 0.0922 | 0.0883 | 0.0883 | 0.226 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | chrysene | mg/kg | 11 | 12 | 92 | 0.0044 | 0.11 | 0.0421 | 0.0348 | 0.0059 | 0.0059 | 0.0572 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 6.04 | 12.4 | 8.383 | 1.623 | -- | -- | 9.225 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 6.5 | 22.6 | 14.61 | 5.517 | -- | -- | 17.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 3.38 | 26.7 | 11.01 | 7.373 | -- | -- | 15.67 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte02ft | naphthalene | mg/kg | 8 | 12 | 67 | 0.00042 | 0.07 | 0.0262 | 0.0253 | 0.00029 | 0.00033 | 0.0308 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0034 | 0.059 | 0.0214 | 0.0177 | -- | -- | 0.0306 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | toluene | µg/kg | 7 | 12 | 58 | 0.14 | 0.67 | 0.276 | 0.185 | 0.12 | 0.14 | 0.301 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte02ft | tph as diesel | mg/kg | 9 | 12 | 75 | 16 | 290 | 103 | 108.3 | 4.8 | 4.8 | 209.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte02ft | tph as motor oil | mg/kg | 9 | 12 | 75 | 58 | 830 | 284 | 279.1 | 7 | 7 | 558.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 19.2 | 38.7 | 28.68 | 5.266 | -- | -- | 31.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 20.6 | 89.7 | 47.42 | 22.16 | -- | -- | 58.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 18 | 28 | 0.0061 | 0.031 | 0.0137 | 0.0104 | 0.0011 | 0.043 | 0.0128 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 18 | 72 | 0.0018 | 0.071 | 0.0212 | 0.0219 | 0.0006 | 0.024 | 0.0374 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte05ft | antimony | mg/kg | 14 | 18 | 78 | 0.334 | 1.68 | 0.825 | 0.47 | 0.306 | 0.306 | 0.903 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte05ft | arsenic | mg/kg | 18 | 18 | 100 | 2.18 | 11.2 | 5.532 | 2.376 | -- | -- | 6.506 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | bap teq | mg/kg | 17 | 18 | 94 | 0.000743 | 0.0756 | 0.0186 | 0.0206 | 0.00261 | 0.00261 | 0.0387 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte05ft | benzene | µg/kg | 9 | 18 | 50 | 0.13 | 0.92 | 0.339 | 0.275 | 0.11 | 0.14 | 0.34 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 17 | 18 | 94 | 0.002 | 0.068 | 0.0187 | 0.0183 | 0.0033 | 0.0033 | 0.0365 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 18 | 83 | 0.0012 | 0.058 | 0.0156 | 0.016 | 0.0005 | 0.0025 | 0.0196 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 7 | 18 | 39 | 0.0039 | 0.011 | 0.0063 | 0.00258 | 0.0004 | 0.014 | 0.00614 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | cadmium | mg/kg | 9 | 18 | 50 | 0.119 | 0.37 | 0.198 | 0.0877 | 0.0883 | 0.0883 | 0.189 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | chrysene | mg/kg | 17 | 18 | 94 | 0.0042 | 0.15 | 0.0443 | 0.0405 | 0.0059 | 0.0059 | 0.0836 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte05ft | cobalt | mg/kg | 18 | 18 | 100 | 6.04 | 12.6 | 8.791 | 1.873 | -- | -- | 9.591 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte05ft | copper | mg/kg | 18 | 18 | 100 | 6.5 | 22.6 | 14.33 | 5.041 | -- | -- | 16.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 18 | 28 | 0.0012 | 0.0074 | 0.00406 | 0.00244 | 0.0009 | 0.035 | 0.00494 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | lead | mg/kg | 18 | 18 | 100 | 3.38 | 26.7 | 9.646 | 6.295 | -- | -- | 12.5 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | naphthalene | mg/kg | 11 | 18 | 61 | 0.00042 | 0.07 | 0.0287 | 0.0224 | 0.00028 | 0.00033 | 0.0283 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0023 | 0.18 | 0.0297 | 0.0408 | -- | -- | 0.0475 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte05ft | toluene | µg/kg | 8 | 18 | 44 | 0.14 | 0.67 | 0.261 | 0.176 | 0.12 | 0.14 | 0.249 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24513 ravenna ave | lte05ft | tph as diesel | mg/kg | 15 | 18 | 83 | 16 | 570 | 130.6 | 152.7 | 4.8 | 4.8 | 261.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte05ft | tph as motor oil | mg/kg | 15 | 18 | 83 | 58 | 1200 | 316.5 | 337.1 | 7 | 7 | 397.4 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte05ft | vanadium | mg/kg | 18 | 18 | 100 | 19.2 | 42.1 | 30.11 | 5.686 | -- | -- | 32.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte05ft | zinc | mg/kg | 18 | 18 | 100 | 20.6 | 89.7 | 43.73 | 18.97 | -- | -- | 51.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 30 | 40 | 0.13 | 8700 | 1503 | 2657 | 0.091 | 10 | 1175 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 30 | 27 | 1.6 | 2100 | 478.1 | 786.1 | 0.077 | 8.8 | 272.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 17 | 30 | 57 | 0.0061 | 22 | 4.082 | 6.523 | 0.0011 | 0.043 | 3.975 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 30 | 83 | 0.0018 | 36 | 4.174 | 8.932 | 0.0006 | 0.024 | 10.09 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 ravenna ave | lte10ft | antimony | mg/kg | 24 | 30 | 80 | 0.334 | 2.67 | 1.07 | 0.683 | 0.306 | 0.306 | 1.147 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 2.18 | 12.8 | 6.624 | 2.904 | -- | -- | 7.525 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte10ft | bap teq | mg/kg | 29 | 30 | 97 | 0.000743 | 0.223 | 0.0466 | 0.0696 | 0.00261 | 0.00261 | 0.0999 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 ravenna ave | lte10ft | benzene | µg/kg | 17 | 30 | 57 | 0.13 | 350 | 53.16 | 92.12 | 0.11 | 12 | 89.43 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 25 | 30 | 83 | 0.002 | 0.22 | 0.0404 | 0.0555 | 0.0033 | 0.26 | 0.0813 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 18 | 30 | 60 | 0.0012 | 0.15 | 0.0296 | 0.0428 | 0.0005 | 0.2 | 0.0508 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 11 | 30 | 37 | 0.0039 | 0.11 | 0.0229 | 0.0341 | 0.0004 | 0.14 | 0.0198 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 ravenna ave | lte10ft | cadmium | mg/kg | 13 | 30 | 43 | 0.0932 | 0.37 | 0.171 | 0.084 | 0.0883 | 0.0883 | 0.152 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 ravenna ave | lte10ft | chrysene | mg/kg | 29 | 30 | 97 | 0.0042 | 1.7 | 0.198 | 0.38 | 0.0059 | 0.0059 | 0.491 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 ravenna ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 5.96 | 12.6 | 8.614 | 1.81 | -- | -- | 9.188 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 ravenna ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 6.5 | 22.6 | 14.58 | 4.341 | -- | -- | 15.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte10ft | ethylbenzene | µg/kg | 11 | 30 | 37 | 1.6 | 3600 | 923.8 | 1126 | 0.12 | 0.16 | 596 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 30 | 20 | 0.0012 | 0.0074 | 0.00428 | 0.00225 | 0.0009 | 0.35 | 0.00497 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 3.14 | 26.7 | 7.81 | 5.391 | -- | -- | 12.1 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24513 ravenna ave | lte10ft | naphthalene | mg/kg | 23 | 30 | 77 | 0.00042 | 11 | 1.655 | 2.946 | 0.00028 | 0.00033 | 3.4 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 ravenna ave | lte10ft | pyrene | mg/kg | 30 | 30 | 100 | 0.0023 | 2.9 | 0.252 | 0.58 | -- | -- | 0.713 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24513 ravenna ave | lte10ft | toluene | µg/kg | 9 | 30 | 30 | 0.14 | 0.67 | 0.256 | 0.166 | 0.12 | 15 | 0.236 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 ravenna ave | lte10ft | tph as diesel | mg/kg | 27 | 30 | 90 | 16 | 23000 | 2784 | 5392 | 4.8 | 4.8 | 6633 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 ravenna ave | lte10ft | tph as gasoline | mg/kg | 13 | 30 | 43 | 0.071 | 1500 | 278.4 | 404.8 | 0.047 | 0.065 | 214.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte10ft | tph as motor oil | mg/kg | 27 | 30 | 90 | 58 | 24000 | 2980 | 5506 | 7 | 7 | 6905 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24513 ravenna ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 19.2 | 42.6 | 31.11 | 5.894 | -- | -- | 32.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24513 ravenna ave | lte10ft | xylenes, total | µg/kg | 9 | 30 | 30 | 0.19 | 2800 | 637 | 986 | 0.16 | 18 | 384.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24513 ravenna ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 20.6 | 89.7 | 40.63 | 15.52 | -- | -- | 45.31 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 16 | 56 | 0.19 | 0.96 | 0.5 | 0.316 | 0.097 | 0.14 | 0.491 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 16 | 94 | 0.0006 | 1.3 | 0.106 | 0.333 | 0.012 | 0.012 | 0.452 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24516 marbella ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.75 | 8.54 | 6.41 | 1.828 | -- | -- | 7.211 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00207 | 0.409 | 0.0485 | 0.0981 | -- | -- | 0.0927 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte02ft | benzene | µg/kg | 12 | 16 | 75 | 0.17 | 0.86 | 0.398 | 0.214 | 0.11 | 0.17 | 0.438 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0018 | 0.45 | 0.0477 | 0.109 | -- | -- | 0.167 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24516 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.0015 | 0.3 | 0.0363 | 0.072 | -- | -- | 0.0692 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 16 | 81 | 0.0014 | 0.2 | 0.0252 | 0.0532 | 0.0018 | 0.007 | 0.0742 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 16 | 38 | 0.0013 | 0.073 | 0.0143 | 0.0288 | 0.0011 | 0.023 | 0.0159 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0031 | 1.1 | 0.114 | 0.267 | -- | -- | 0.239 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.61 | 11.6 | 8.924 | 1.455 | -- | -- | 9.561 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.42 | 23.4 | 17.35 | 5.42 | -- | -- | 19.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 5.5 | 17 | 10.56 | 3.925 | -- | -- | 12.48 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte02ft | naphthalene | mg/kg | 8 | 16 | 50 | 0.00053 | 0.42 | 0.0608 | 0.147 | 0.00027 | 0.00033 | 0.149 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0025 | 0.5 | 0.0588 | 0.121 | -- | -- | 0.191 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24516 marbella ave | lte02ft | toluene | µg/kg | 12 | 16 | 75 | 0.2 | 1.3 | 0.557 | 0.321 | 0.13 | 0.18 | 0.608 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte02ft | tph as diesel | mg/kg | 12 | 16 | 75 | 6.6 | 1200 | 310.5 | 401.1 | 4.8 | 4.8 | 641.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte02ft | tph as gasoline | mg/kg | 7 | 16 | 44 | 0.043 | 0.11 | 0.0876 | 0.0244 | 0.051 | 0.063 | 0.0883 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte02ft | tph as motor oil | mg/kg | 15 | 16 | 94 | 9.3 | 3700 | 612 | 1032 | 7 | 7 | 1676 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 22.6 | 40.1 | 32.71 | 5.251 | -- | -- | 35.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte02ft | xylenes, total | µg/kg | 10 | 16 | 63 | 0.16 | 1.4 | 0.4 | 0.378 | 0.16 | 0.25 | 0.491 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 23.7 | 64.6 | 44.26 | 12.58 | -- | -- | 49.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 26 | 58 | 0.19 | 9500 | 817 | 2493 | 0.096 | 0.14 | 2129 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 26 | 23 | 0.16 | 1200 | 324 | 510.3 | 0.077 | 8.2 | 171.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 26 | 23 | 0.043 | 14 | 3.372 | 5.336 | 0.0011 | 0.021 | 1.812 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 26 | 77 | 0.0006 | 23 | 1.654 | 5.184 | 0.0006 | 0.012 | 5.208 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 2.75 | 17.8 | 7.755 | 3.102 | -- | -- | 8.909 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte05ft | bap teq | mg/kg | 24 | 26 | 92 | 0.000565 | 0.409 | 0.0556 | 0.0976 | 0.00053 | 0.00053 | 0.133 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24516 marbella ave | lte05ft | benzene | µg/kg | 19 | 26 | 73 | 0.16 | 360 | 21.72 | 82.26 | 0.11 | 11 | 76.62 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 24 | 26 | 92 | 0.0007 | 0.5 | 0.0657 | 0.131 | 0.0007 | 0.0007 | 0.17 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 21 | 26 | 81 | 0.0015 | 0.3 | 0.0465 | 0.0742 | 0.0005 | 0.0099 | 0.097 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 26 | 69 | 0.0014 | 0.2 | 0.0282 | 0.0484 | 0.0004 | 0.007 | 0.038 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 26 | 27 | 0.0013 | 0.073 | 0.0165 | 0.0269 | 0.0011 | 0.11 | 0.02 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24516 marbella ave | lte05ft | chrysene | mg/kg | 22 | 26 | 85 | 0.0031 | 1.1 | 0.156 | 0.279 | 0.0012 | 0.0012 | 0.357 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 6.46 | 11.6 | 9.071 | 1.415 | -- | -- | 9.545 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 7.42 | 23.4 | 17.39 | 4.699 | -- | -- | 19.32 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte05ft | ethylbenzene | µg/kg | 9 | 26 | 35 | 0.2 | 3700 | 579.2 | 1235 | 0.12 | 0.19 | 462.9 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 4.69 | 17 | 9.204 | 4.048 | -- | -- | 10.64 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte05ft | naphthalene | mg/kg | 15 | 26 | 58 | 0.00053 | 8 | 0.933 | 2.135 | 0.00027 | 0.00033 | 1.983 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte05ft | pyrene | mg/kg | 25 | 26 | 96 | 0.0008 | 0.96 | 0.117 | 0.217 | 0.0008 | 0.0008 | 0.296 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24516 marbella ave | lte05ft | toluene | µg/kg | 17 | 26 | 65 | 0.16 | 1.3 | 0.451 | 0.316 | 0.12 | 15 | 0.494 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte05ft | tph as diesel | mg/kg | 18 | 26 | 69 | 6.6 | 17000 | 1507 | 3949 | 4.8 | 4.8 | 2400 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24516 marbella ave | lte05ft | tph as gasoline | mg/kg | 13 | 26 | 50 | 0.043 | 740 | 141.7 | 243.8 | 0.048 | 0.063 | 231.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte05ft | tph as motor oil | mg/kg | 21 | 26 | 81 | 9.3 | 14000 | 1445 | 3069 | 7 | 7 | 3578 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 22.6 | 40.1 | 33.16 | 5.147 | -- | -- | 34.89 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte05ft | xylenes, total | µg/kg | 16 | 26 | 62 | 0.16 | 2700 | 259.8 | 716 | 0.16 | 0.25 | 652.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 23.7 | 64.6 | 42.1 | 10.44 | -- | -- | 45.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 30 | 57 | 0.19 | 42000 | 4191 | 10757 | 0.096 | 0.14 | 9041 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 30 | 27 | 0.16 | 15000 | 2173 | 5201 | 0.077 | 8.2 | 1472 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 8 | 30 | 27 | 0.043 | 44 | 9.654 | 14.98 | 0.0011 | 0.021 | 5.388 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 23 | 30 | 77 | 0.0006 | 75 | 5.613 | 16.39 | 0.0006 | 0.012 | 15.88 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 2.75 | 17.8 | 8.083 | 3.55 | -- | -- | 9.269 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte10ft | bap teq | mg/kg | 28 | 30 | 93 | 0.000565 | 0.409 | 0.0642 | 0.103 | 0.00053 | 0.00053 | 0.14 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte10ft | benzene | µg/kg | 23 | 30 | 77 | 0.14 | 14000 | 691.9 | 2918 | 0.11 | 11 | 2578 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 30 | 93 | 0.0007 | 0.74 | 0.0921 | 0.18 | 0.0007 | 0.0007 | 0.226 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24516 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 30 | 77 | 0.0011 | 0.3 | 0.0478 | 0.0731 | 0.0005 | 0.2 | 0.0912 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 30 | 67 | 0.0008 | 0.2 | 0.0288 | 0.0471 | 0.0004 | 0.14 | 0.0321 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 30 | 23 | 0.0013 | 0.073 | 0.0165 | 0.0269 | 0.0011 | 0.45 | 0.0186 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24516 marbella ave | lte10ft | chrysene | mg/kg | 25 | 30 | 83 | 0.0031 | 1.3 | 0.21 | 0.355 | 0.0012 | 0.0012 | 0.441 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 6.46 | 11.6 | 9.017 | 1.433 | -- | -- | 9.461 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 7.42 | 28 | 17.81 | 4.826 | -- | -- | 19.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte10ft | ethylbenzene | µg/kg | 11 | 30 | 37 | 0.2 | 21000 | 2947 | 6318 | 0.12 | 0.19 | 2354 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 4.69 | 17 | 8.912 | 3.861 | -- | -- | 10.13 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte10ft | naphthalene | mg/kg | 17 | 30 | 57 | 0.00053 | 34 | 3.317 | 8.353 | 0.00027 | 0.00033 | 7.062 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte10ft | pyrene | mg/kg | 28 | 30 | 93 | 0.0008 | 0.98 | 0.154 | 0.268 | 0.0008 | 0.0008 | 0.352 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24516 marbella ave | lte10ft | toluene | µg/kg | 19 | 30 | 63 | 0.14 | 2300 | 121.5 | 527.6 | 0.12 | 24 | 414.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte10ft | tph as diesel | mg/kg | 20 | 30 | 67 | 6.6 | 23000 | 2856 | 6160 | 4.8 | 4.8 | 6056 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24516 marbella ave | lte10ft | tph as gasoline | mg/kg | 15 | 30 | 50 | 0.043 | 5500 | 609.4 | 1437 | 0.048 | 0.063 | 1151 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte10ft | tph as motor oil | mg/kg | 23 | 30 | 77 | 9.3 | 21000 | 2537 | 5109 | 7 | 7 | 5612 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24516 marbella ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 22.6 | 48.3 | 34.22 | 5.764 | -- | -- | 36.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24516 marbella ave | lte10ft | xylenes, total | µg/kg | 18 | 30 | 60 | 0.16 | 78000 | 4803 | 18305 | 0.16 | 0.25 | 14329 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24516 marbella ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 23.7 | 64.6 | 42.21 | 10.14 | -- | -- | 45.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte05ft | antimony | mg/kg | 5 | 9 | 56 | 0.48 | 0.97 | 0.691 | 0.189 | 0.191 | 0.28 | 0.75 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte05ft | arsenic | mg/kg | 9 | 9 | 100 | 4.68 | 7.9 | 6.079 | 1.18 | -- | -- | 6.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte05ft | bap teq | mg/kg | 9 | 9 | 100 | 0.00134 | 0.335 | 0.0674 | 0.116 | -- | -- | 0.334 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 9 | 9 | 100 | 0.0012 | 0.35 | 0.07 | 0.125 | -- | -- | 0.252 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24517 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 9 | 9 | 100 | 0.0009 | 0.24 | 0.0502 | 0.0845 | -- | -- | 0.24 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 8 | 9 | 89 | 0.0006 | 0.27 | 0.0484 | 0.0925 | 0.0004 | 0.0004 | 0.172 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 9 | 56 | 0.0018 | 0.087 | 0.0344 | 0.0346 | 0.0011 | 0.0011 | 0.0441 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte05ft | cadmium | mg/kg | 6 | 9 | 67 | 0.51 | 0.78 | 0.633 | 0.0977 | 0.0099 | 0.0099 | 0.663 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte05ft | chrysene | mg/kg | 9 | 9 | 100 | 0.0014 | 0.37 | 0.0914 | 0.156 | -- | -- | 0.37 | Maximum Detected | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24517 marbella ave | lte05ft | cobalt | mg/kg | 9 | 9 | 100 | 9.82 | 14.2 | 11.38 | 1.361 | -- | -- | 12.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte05ft | copper | mg/kg | 9 | 9 | 100 | 17.7 | 29.6 | 23.29 | 5.101 | -- | -- | 26.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 9 | 56 | 0.0012 | 0.098 | 0.0248 | 0.0415 | 0.0009 | 0.0035 | 0.0372 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte05ft | lead | mg/kg | 9 | 9 | 100 | 4.67 | 19.6 | 9.077 | 4.801 | -- | -- | 12.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte05ft | pyrene | mg/kg | 9 | 9 | 100 | 0.001 | 1.1 | 0.202 | 0.388 | -- | -- | 0.765 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24517 marbella ave | lte05ft | tph as diesel | mg/kg | 7 | 9 | 78 | 7.1 | 1000 | 272 | 411.5 | 4.8 | 4.8 | 768.1 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24517 marbella ave | lte05ft | tph as motor oil | mg/kg | 7 | 9 | 78 | 24 | 2200 | 664.3 | 932.1 | 7 | 7 | 1787 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte05ft | vanadium | mg/kg | 9 | 9 | 100 | 37.8 | 50 | 41.33 | 4.476 | -- | -- | 44.22 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24517 marbella ave | lte05ft | zinc | mg/kg | 9 | 9 | 100 | 42.6 | 94.7 | 61.37 | 16.48 | -- | -- | 71.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0006 | 0.021 | 0.00432 | 0.00819 | 0.0006 | 0.0006 | 0.00588 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24517 marbella ave | lte10ft | antimony | mg/kg | 8 | 12 | 67 | 0.303 | 1.1 | 0.717 | 0.265 | 0.191 | 0.28 | 0.766 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 3.22 | 7.9 | 5.684 | 1.327 | -- | -- | 6.372 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte10ft | bap teq | mg/kg | 11 | 12 | 92 | 0.000537 | 0.335 | 0.0552 | 0.107 | 0.00053 | 0.00053 | 0.181 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24517 marbella ave | lte10ft | benzene | µg/kg | 5 | 12 | 42 | 0.12 | 0.2 | 0.16 | 0.0316 | 0.11 | 0.13 | 0.17 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 9 | 12 | 75 | 0.0012 | 0.35 | 0.07 | 0.125 | 0.0007 | 0.0007 | 0.195 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24517 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 9 | 12 | 75 | 0.0009 | 0.24 | 0.0502 | 0.0845 | 0.0005 | 0.0005 | 0.134 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 12 | 67 | 0.0006 | 0.27 | 0.0484 | 0.0925 | 0.0004 | 0.0004 | 0.0771 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 12 | 42 | 0.0018 | 0.087 | 0.0344 | 0.0346 | 0.0011 | 0.0011 | 0.0448 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte10ft | cadmium | mg/kg | 8 | 12 | 67 | 0.51 | 0.98 | 0.683 | 0.147 | 0.0099 | 0.0099 | 0.713 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte10ft | chrysene | mg/kg | 11 | 12 | 92 | 0.0013 | 0.37 | 0.0754 | 0.144 | 0.0012 | 0.0012 | 0.245 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24517 marbella ave | lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 9.82 | 18.4 | 11.97 | 2.336 | -- | -- | 13.17 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24517 marbella ave | lte10ft | copper | mg/kg | 12 | 12 | 100 | 17.5 | 29.6 | 23.2 | 4.915 | -- | -- | 25.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24517 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 12 | 42 | 0.0012 | 0.098 | 0.0248 | 0.0415 | 0.0009 | 0.0035 | 0.0265 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte10ft | lead | mg/kg | 12 | 12 | 100 | 4.67 | 19.6 | 9.514 | 5.148 | -- | -- | 12.54 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte10ft | naphthalene | mg/kg | 6 | 12 | 50 | 0.0016 | 0.12 | 0.0272 | 0.046 | 0.00026 | 0.00033 | 0.0328 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte10ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0009 | 1.1 | 0.152 | 0.342 | -- | -- | 0.583 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24517 marbella ave | lte10ft | tph as diesel | mg/kg | 7 | 12 | 58 | 7.1 | 1000 | 272 | 411.5 | 4.8 | 4.8 | 352.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte10ft | tph as motor oil | mg/kg | 7 | 12 | 58 | 24 | 2200 | 664.3 | 932.1 | 7 | 7 | 764.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24517 marbella ave | lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 37.8 | 63 | 43.29 | 7.45 | -- | -- | 47.35 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24517 marbella ave | lte10ft | zinc | mg/kg | 12 | 12 | 100 | 42.6 | 94.7 | 61.23 | 14.08 | -- | -- | 68.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 10 | 100 | 0.28 | 6400 | 731.2 | 1996 | -- | -- | 4507 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.38 | 25 | 6.308 | 7.879 | -- | -- | 14.34 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.54 | 40 | 9.876 | 12.64 | -- | -- | 23.15 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | antimony | mg/kg | 8 | 10 | 80 | 0.235 | 0.416 | 0.333 | 0.0605 | 0.219 | 0.219 | 0.354 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 4.86 | 17.3 | 8.44 | 3.886 | -- | -- | 10.92 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.00251 | 0.595 | 0.104 | 0.183 | -- | -- | 0.362 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | benzene | µg/kg | 8 | 10 | 80 | 0.13 | 240 | 69.18 | 82.6 | 0.3 | 10 | 101.7 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 10 | 90 | 0.005 | 0.53 | 0.13 | 0.176 | 0.0012 | 0.0012 | 0.355 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | cadmium | mg/kg | 9 | 10 | 90 | 0.247 | 0.345 | 0.294 | 0.0326 | 0.0883 | 0.0883 | 0.309 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.022 | 2 | 0.392 | 0.603 | -- | -- | 0.971 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 7.51 | 12.1 | 9.705 | 1.226 | -- | -- | 10.42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 14.3 | 21.3 | 18.13 | 2.488 | -- | -- | 19.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 58 | 3600 | 1032 | 1100 | -- | -- | 2063 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 4.41 | 7.14 | 5.821 | 0.691 | -- | -- | 6.222 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.78 | 12 | 3.588 | 3.798 | -- | -- | 6.711 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.013 | 2.9 | 0.637 | 0.906 | -- | -- | 1.751 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | toluene | µg/kg | 5 | 10 | 50 | 0.59 | 38 | 17.85 | 16.59 | 0.4 | 12 | 26.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 64 | 15000 | 4839 | 5339 | -- | -- | 11830 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 160 | 1500 | 560 | 438.3 | -- | -- | 877 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 59 | 17000 | 5515 | 6142 | -- | -- | 13811 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 31.8 | 41.8 | 36.46 | 3.165 | -- | -- | 38.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 10 | 60 | 0.68 | 1500 | 270.9 | 602.5 | 12 | 16 | 474 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 33.3 | 61.1 | 42.36 | 8.363 | -- | -- | 47.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 20 | 85 | 0.0014 | 0.077 | 0.0148 | 0.0187 | 0.0012 | 0.012 | 0.0304 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte02ft | antimony | mg/kg | 5 | 20 | 25 | 0.271 | 0.564 | 0.395 | 0.122 | 0.219 | 0.219 | 0.438 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 1.68 | 10.4 | 3.408 | 1.965 | -- | -- | 4.126 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00255 | 0.108 | 0.0203 | 0.0249 | -- | -- | 0.0306 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte02ft | benzene | µg/kg | 11 | 20 | 55 | 0.12 | 0.75 | 0.276 | 0.206 | 0.1 | 0.15 | 0.276 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 20 | 85 | 0.0019 | 0.1 | 0.0192 | 0.0237 | 0.0013 | 0.0033 | 0.0389 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 20 | 20 | 100 | 0.0014 | 0.079 | 0.0149 | 0.0187 | -- | -- | 0.0229 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 20 | 75 | 0.001 | 0.045 | 0.00939 | 0.011 | 0.0007 | 0.007 | 0.0115 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte02ft | cadmium | mg/kg | 10 | 20 | 50 | 0.246 | 0.366 | 0.297 | 0.041 | 0.0883 | 0.0883 | 0.291 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte02ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0031 | 0.27 | 0.0463 | 0.0614 | -- | -- | 0.0719 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 6.25 | 11.7 | 7.774 | 1.322 | -- | -- | 8.279 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 7.92 | 16.9 | 11.5 | 2.654 | -- | -- | 12.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24518 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 20 | 45 | 0.0017 | 0.051 | 0.013 | 0.0153 | 0.0012 | 0.012 | 0.0115 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 4.16 | 72.2 | 10.75 | 14.75 | -- | -- | 25.12 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte02ft | naphthalene | mg/kg | 9 | 20 | 45 | 0.00036 | 0.022 | 0.00968 | 0.00768 | 0.00025 | 0.00046 | 0.00816 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte02ft | pyrene | mg/kg | 19 | 20 | 95 | 0.0021 | 0.21 | 0.0359 | 0.0592 | 0.0016 | 0.0016 | 0.091 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte02ft | toluene | µg/kg | 13 | 20 | 65 | 0.12 | 0.91 | 0.385 | 0.269 | 0.12 | 0.16 | 0.391 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte02ft | tph as diesel | mg/kg | 17 | 20 | 85 | 14 | 1500 | 239.1 | 412.7 | 4.8 | 4.8 | 584.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte02ft | tph as gasoline | mg/kg | 17 | 20 | 85 | 0.05 | 0.24 | 0.0995 | 0.0501 | 0.045 | 0.052 | 0.14 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte02ft | tph as motor oil | mg/kg | 18 | 20 | 90 | 20 | 4000 | 606.5 | 1041 | 7 | 7 | 1526 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 20.1 | 43.7 | 26.76 | 5.211 | -- | -- | 28.87 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 23 | 44.2 | 32.71 | 6.327 | -- | -- | 35.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 35 | 14 | 0.15 | 75 | 15.2 | 33.43 | 0.09 | 9.8 | 12.57 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 11 | 35 | 31 | 0.0055 | 20 | 2.294 | 5.916 | 0.0021 | 0.021 | 1.725 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 29 | 35 | 83 | 0.0014 | 32 | 1.37 | 5.939 | 0.0012 | 0.012 | 5.137 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte05ft | antimony | mg/kg | 12 | 35 | 34 | 0.251 | 0.576 | 0.386 | 0.111 | 0.219 | 0.219 | 0.335 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte05ft | arsenic | mg/kg | 35 | 35 | 100 | 1.68 | 11.5 | 4.948 | 3.1 | -- | -- | 5.902 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte05ft | bap teq | mg/kg | 35 | 35 | 100 | 0.00255 | 0.165 | 0.0269 | 0.0336 | -- | -- | 0.0428 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte05ft | benzene | µg/kg | 19 | 35 | 54 | 0.12 | 230 | 14.23 | 52.55 | 0.1 | 11 | 36.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 31 | 35 | 89 | 0.0019 | 0.45 | 0.037 | 0.08 | 0.0013 | 0.0033 | 0.0891 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 30 | 35 | 86 | 0.0014 | 0.079 | 0.0186 | 0.0191 | 0.0013 | 0.012 | 0.0218 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 28 | 35 | 80 | 0.001 | 0.16 | 0.0162 | 0.0299 | 0.0007 | 0.007 | 0.0335 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte05ft | bromomethane | µg/kg | 5 | 35 | 14 | 1.6 | 240 | 89.34 | 120.1 | 0.7 | 0.7 | 30.4 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte05ft | cadmium | mg/kg | 20 | 35 | 57 | 0.228 | 0.464 | 0.287 | 0.056 | 0.0883 | 0.0883 | 0.277 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte05ft | chrysene | mg/kg | 35 | 35 | 100 | 0.0031 | 1.2 | 0.105 | 0.205 | -- | -- | 0.153 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte05ft | cobalt | mg/kg | 35 | 35 | 100 | 6.25 | 16.3 | 8.521 | 2.064 | -- | -- | 9.129 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte05ft | copper | mg/kg | 35 | 35 | 100 | 7.92 | 22.3 | 13.55 | 4.026 | -- | -- | 14.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte05ft | ethylbenzene | µg/kg | 12 | 35 | 34 | 0.13 | 1900 | 308.9 | 698 | 0.12 | 0.22 | 427.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 35 | 43 | 0.0017 | 0.051 | 0.0116 | 0.0124 | 0.0012 | 0.012 | 0.00882 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte05ft | lead | mg/kg | 35 | 35 | 100 | 3.89 | 72.2 | 9.742 | 11.73 | -- | -- | 18.38 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte05ft | naphthalene | mg/kg | 22 | 35 | 63 | 0.00036 | 11 | 0.798 | 2.428 | 0.00025 | 0.00046 | 1.95 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte05ft | pyrene | mg/kg | 34 | 35 | 97 | 0.0021 | 1.9 | 0.13 | 0.328 | 0.0016 | 0.0016 | 0.365 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte05ft | toluene | µg/kg | 18 | 35 | 51 | 0.12 | 18 | 1.369 | 4.157 | 0.12 | 12 | 3.014 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte05ft | tph as diesel | mg/kg | 32 | 35 | 91 | 14 | 11000 | 829.5 | 1950 | 4.8 | 4.8 | 2144 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte05ft | tph as gasoline | mg/kg | 31 | 35 | 89 | 0.05 | 900 | 77.62 | 215 | 0.045 | 0.052 | 219 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte05ft | tph as motor oil | mg/kg | 33 | 35 | 94 | 20 | 12000 | 1121 | 2156 | 7 | 7 | 2612 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte05ft | vanadium | mg/kg | 35 | 35 | 100 | 20.1 | 43.7 | 29.7 | 6.27 | -- | -- | 31.55 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte05ft | xylenes, total | µg/kg | 5 | 35 | 14 | 0.25 | 42 | 8.732 | 18.6 | 0.16 | 17 | 7.191 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte05ft | zinc | mg/kg | 35 | 35 | 100 | 23 | 48.5 | 34.9 | 6.457 | -- | -- | 36.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 45 | 33 | 0.15 | 6400 | 492.5 | 1638 | 0.09 | 9.8 | 408.7 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 21 | 45 | 47 | 0.0055 | 25 | 4.205 | 7.046 | 0.0021 | 0.021 | 3.286 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 39 | 45 | 87 | 0.0014 | 40 | 3.551 | 8.832 | 0.0012 | 0.012 | 8.479 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte10ft | antimony | mg/kg | 20 | 45 | 44 | 0.235 | 0.576 | 0.365 | 0.0958 | 0.219 | 0.219 | 0.326 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte10ft | arsenic | mg/kg | 45 | 45 | 100 | 1.68 | 17.3 | 5.724 | 3.56 | -- | -- | 6.685 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte10ft | bap teq | mg/kg | 45 | 45 | 100 | 0.00251 | 0.595 | 0.044 | 0.0935 | -- | -- | 0.0646 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte10ft | benzene | µg/kg | 27 | 45 | 60 | 0.12 | 240 | 30.51 | 66.35 | 0.1 | 11 | 53.19 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 40 | 45 | 89 | 0.0019 | 0.53 | 0.0579 | 0.113 | 0.0012 | 0.0033 | 0.122 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 34 | 45 | 76 | 0.0014 | 0.46 | 0.0343 | 0.0793 | 0.0012 | 0.024 | 0.0723 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 31 | 45 | 69 | 0.001 | 0.2 | 0.0212 | 0.0438 | 0.0007 | 0.024 | 0.0398 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte10ft | bromomethane | µg/kg | 9 | 45 | 20 | 1.6 | 510 | 243 | 205.9 | 0.7 | 30 | 95.46 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte10ft | cadmium | mg/kg | 29 | 45 | 64 | 0.228 | 0.464 | 0.289 | 0.0495 | 0.0883 | 0.0883 | 0.282 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte10ft | chrysene | mg/kg | 45 | 45 | 100 | 0.0031 | 2 | 0.169 | 0.348 | -- | -- | 0.289 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte10ft | cobalt | mg/kg | 45 | 45 | 100 | 6.25 | 16.3 | 8.784 | 1.962 | -- | -- | 9.266 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte10ft | copper | mg/kg | 45 | 45 | 100 | 7.92 | 22.3 | 14.57 | 4.184 | -- | -- | 15.71 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 45 | 16 | 0.0014 | 0.035 | 0.0148 | 0.0132 | 0.0012 | 0.024 | 0.00811 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 neptune ave | lte10ft | ethylbenzene | µg/kg | 22 | 45 | 49 | 0.13 | 3600 | 637.5 | 953.4 | 0.12 | 0.22 | 497.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 45 | 33 | 0.0017 | 0.051 | 0.0116 | 0.0124 | 0.0012 | 0.024 | 0.00746 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte10ft | lead | mg/kg | 45 | 45 | 100 | 3.89 | 72.2 | 8.871 | 10.45 | -- | -- | 15.66 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte10ft | naphthalene | mg/kg | 32 | 45 | 71 | 0.00036 | 12 | 1.67 | 3.148 | 0.00025 | 0.00046 | 2.983 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte10ft | pyrene | mg/kg | 44 | 45 | 98 | 0.0021 | 2.9 | 0.245 | 0.548 | 0.0016 | 0.0016 | 0.593 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte10ft | toluene | µg/kg | 23 | 45 | 51 | 0.12 | 38 | 4.953 | 10.57 | 0.12 | 12 | 7.764 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24518 neptune ave | lte10ft | tph as diesel | mg/kg | 42 | 45 | 93 | 14 | 15000 | 1784 | 3481 | 4.8 | 4.8 | 3871 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte10ft | tph as gasoline | mg/kg | 41 | 45 | 91 | 0.05 | 1500 | 195.3 | 349.1 | 0.045 | 0.052 | 397.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 neptune ave | lte10ft | tph as motor oil | mg/kg | 43 | 45 | 96 | 20 | 17000 | 2142 | 3893 | 7 | 7 | 4538 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte10ft | vanadium | mg/kg | 45 | 45 | 100 | 20.1 | 43.7 | 31.2 | 6.365 | -- | -- | 32.88 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 neptune ave | lte10ft | xylenes, total | µg/kg | 11 | 45 | 24 | 0.25 | 1500 | 151.8 | 447.6 | 0.16 | 17 | 187.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 neptune ave | lte10ft | zinc | mg/kg | 45 | 45 | 100 | 23 | 61.1 | 36.56 | 7.508 | -- | -- | 38.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | antimony | mg/kg | 8 | 11 | 73 | 1.74 | 2.69 | 2.141 | 0.344 | 0.191 | 0.306 | 2.232 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 1.85 | 6.79 | 3.633 | 1.404 | -- | -- | 4.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | benzene | µg/kg | 9 | 11 | 82 | 1.7 | 10 | 5.3 | 2.74 | 0.11 | 0.11 | 6.221 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 1.3 | 4.16 | 2.153 | 0.775 | -- | -- | 2.601 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 1.87 | 5.09 | 2.71 | 0.972 | -- | -- | 3.293 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 11 | 73 | 0.38 | 1.2 | 0.808 | 0.311 | 0.13 | 0.15 | 0.877 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | lead | mg/kg | 5 | 11 | 45 | 0.41 | 4.2 | 2.502 | 1.375 | 0.181 | 0.181 | 3.018 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | naphthalene | mg/kg | 5 | 11 | 45 | 0.001 | 0.0022 | 0.00134 | 0.000498 | 0.00026 | 0.00039 | 0.00138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | pyrene | mg/kg | 5 | 11 | 45 | 0.0012 | 0.014 | 0.004 | 0.0056 | 0.0008 | 0.0008 | 0.00496 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | gt05lte10ft | toluene | µg/kg | 9 | 11 | 82 | 0.3 | 1.2 | 0.764 | 0.326 | 0.12 | 0.12 | 0.872 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 5.7 | 16.3 | 9.192 | 3.025 | -- | -- | 10.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 6.24 | 19.5 | 11.36 | 4.262 | -- | -- | 13.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 6 | 20 | 30 | 0.0022 | 0.0076 | 0.00433 | 0.00195 | 0.0006 | 0.012 | 0.00444 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 1.58 | 6.08 | 3.582 | 1.043 | -- | -- | 3.985 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | bap teq | mg/kg | 9 | 20 | 45 | 0.000887 | 0.111 | 0.0212 | 0.0342 | 0.00053 | 0.00053 | 0.0198 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 8 | 20 | 40 | 0.0009 | 0.095 | 0.0192 | 0.031 | 0.0007 | 0.0007 | 0.0167 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 20 | 45 | 0.0006 | 0.085 | 0.0157 | 0.0265 | 0.0005 | 0.0005 | 0.0149 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 20 | 35 | 0.0036 | 0.1 | 0.0209 | 0.035 | 0.0004 | 0.0004 | 0.0245 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 panama ave | lte02ft | cadmium | mg/kg | 6 | 20 | 30 | 0.118 | 0.436 | 0.242 | 0.119 | 0.0099 | 0.0883 | 0.218 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | chrysene | mg/kg | 8 | 20 | 40 | 0.0013 | 0.18 | 0.0407 | 0.0574 | 0.0012 | 0.0012 | 0.0332 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 5.05 | 10.2 | 7.885 | 1.396 | -- | -- | 8.424 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 4.85 | 27.1 | 10.35 | 6.084 | -- | -- | 12.65 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 20 | 25 | 0.0018 | 0.0068 | 0.00398 | 0.00209 | 0.0007 | 0.013 | 0.00395 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 20 | 30 | 0.0026 | 0.0094 | 0.00508 | 0.00273 | 0.0009 | 0.017 | 0.00459 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 2.36 | 96 | 11.49 | 20.74 | -- | -- | 31.71 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte02ft | naphthalene | mg/kg | 10 | 20 | 50 | 0.001 | 0.0042 | 0.00191 | 0.00099045 | 0.00025 | 0.00032 | 0.00184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | pyrene | mg/kg | 11 | 20 | 55 | 0.0008 | 0.1 | 0.0186 | 0.0282 | 0.0008 | 0.0008 | 0.0207 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte02ft | tph as diesel | mg/kg | 8 | 20 | 40 | 5 | 140 | 75.66 | 54.6 | 4.8 | 4.8 | 71.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | tph as gasoline | mg/kg | 8 | 20 | 40 | 0.054 | 0.17 | 0.093 | 0.0441 | 0.046 | 0.06 | 0.0855 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | tph as motor oil | mg/kg | 6 | 20 | 30 | 97 | 300 | 177.8 | 72.88 | 7 | 7 | 170 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 16.7 | 31.2 | 25.97 | 4.344 | -- | -- | 27.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 19.8 | 346 | 57.55 | 75.94 | -- | -- | 131.6 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 7 | 31 | 23 | 0.0022 | 0.075 | 0.0144 | 0.0268 | 0.0006 | 0.012 | 0.0119 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte05ft | arsenic | mg/kg | 31 | 31 | 100 | 1.58 | 6.81 | 4.183 | 1.263 | -- | -- | 4.568 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte05ft | bap teq | mg/kg | 12 | 31 | 39 | 0.000585 | 0.248 | 0.0367 | 0.0732 | 0.00053 | 0.00053 | 0.0295 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 10 | 31 | 32 | 0.0009 | 0.25 | 0.0405 | 0.0787 | 0.0007 | 0.0007 | 0.0519 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 11 | 31 | 35 | 0.0006 | 0.18 | 0.0292 | 0.0555 | 0.0005 | 0.0005 | 0.0218 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 9 | 31 | 29 | 0.0006 | 0.21 | 0.0397 | 0.071 | 0.0004 | 0.0004 | 0.0453 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 panama ave | lte05ft | cadmium | mg/kg | 6 | 31 | 19 | 0.118 | 0.436 | 0.242 | 0.119 | 0.0099 | 0.0883 | 0.207 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 31 | 16 | 0.25 | 0.59 | 0.37 | 0.138 | 0.22 | 0.22 | 0.369 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte05ft | chrysene | mg/kg | 10 | 31 | 32 | 0.0013 | 0.53 | 0.0857 | 0.165 | 0.0012 | 0.0012 | 0.0597 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 panama ave | lte05ft | cobalt | mg/kg | 31 | 31 | 100 | 5.05 | 11.2 | 8.097 | 1.293 | -- | -- | 8.491 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte05ft | copper | mg/kg | 31 | 31 | 100 | 4.85 | 27.1 | 9.871 | 4.906 | -- | -- | 11.44 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 31 | 19 | 0.0018 | 0.03 | 0.00832 | 0.0108 | 0.0007 | 0.013 | 0.00476 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 31 | 23 | 0.0026 | 0.056 | 0.0124 | 0.0194 | 0.0009 | 0.017 | 0.00794 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 panama ave | lte05ft | lead | mg/kg | 31 | 31 | 100 | 2.36 | 96 | 9.185 | 16.91 | -- | -- | 22.42 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte05ft | naphthalene | mg/kg | 13 | 31 | 42 | 0.001 | 0.026 | 0.00412 | 0.0068 | 0.00025 | 0.00032 | 0.00384 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte05ft | pyrene | mg/kg | 14 | 31 | 45 | 0.0008 | 0.24 | 0.0319 | 0.0651 | 0.0008 | 0.0008 | 0.0291 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 panama ave | lte05ft | toluene | µg/kg | 6 | 31 | 19 | 0.13 | 0.36 | 0.227 | 0.0948 | 0.11 | 0.15 | 0.205 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte05ft | tph as diesel | mg/kg | 9 | 31 | 29 | 5 | 350 | 106.1 | 104.7 | 4.8 | 4.8 | 57.09 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte05ft | tph as gasoline | mg/kg | 8 | 31 | 26 | 0.054 | 0.17 | 0.093 | 0.0441 | 0.046 | 0.06 | 0.0766 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte05ft | tph as motor oil | mg/kg | 7 | 31 | 23 | 97 | 500 | 223.9 | 138.8 | 7 | 7 | 180.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte05ft | vanadium | mg/kg | 31 | 31 | 100 | 16.7 | 36.8 | 28.61 | 5.137 | -- | -- | 30.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24518 panama ave | lte05ft | zinc | mg/kg | 31 | 31 | 100 | 19.8 | 346 | 49.99 | 61.39 | -- | -- | 98.05 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 7 | 42 | 17 | 0.0022 | 0.075 | 0.0144 | 0.0268 | 0.0006 | 0.012 | 0.0102 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte10ft | antimony | mg/kg | 8 | 42 | 19 | 1.74 | 2.69 | 2.141 | 0.344 | 0.191 | 0.306 | 2.04 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte10ft | arsenic | mg/kg | 42 | 42 | 100 | 1.58 | 6.81 | 4.039 | 1.307 | -- | -- | 4.418 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte10ft | bap teq | mg/kg | 15 | 42 | 36 | 0.000585 | 0.248 | 0.0296 | 0.0665 | 0.00053 | 0.00053 | 0.0394 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte10ft | benzene | µg/kg | 13 | 42 | 31 | 0.13 | 10 | 3.724 | 3.326 | 0.1 | 0.13 | 1.935 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 13 | 42 | 31 | 0.0009 | 0.25 | 0.0315 | 0.0703 | 0.0007 | 0.0007 | 0.0385 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 13 | 42 | 31 | 0.0006 | 0.18 | 0.0248 | 0.0518 | 0.0005 | 0.0005 | 0.0162 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 42 | 21 | 0.0006 | 0.21 | 0.0397 | 0.071 | 0.0004 | 0.0004 | 0.0339 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 panama ave | lte10ft | cadmium | mg/kg | 6 | 42 | 14 | 0.118 | 0.436 | 0.242 | 0.119 | 0.0099 | 0.0883 | 0.254 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 42 | 17 | 0.058 | 0.59 | 0.318 | 0.162 | 0.22 | 0.22 | 0.296 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte10ft | chrysene | mg/kg | 13 | 42 | 31 | 0.0012 | 0.53 | 0.0666 | 0.147 | 0.0012 | 0.0012 | 0.0804 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 panama ave | lte10ft | cobalt | mg/kg | 42 | 42 | 100 | 1.3 | 11.2 | 6.54 | 2.893 | -- | -- | 8.486 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte10ft | copper | mg/kg | 42 | 42 | 100 | 1.87 | 27.1 | 7.995 | 5.291 | -- | -- | 11.55 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 42 | 14 | 0.0018 | 0.03 | 0.00832 | 0.0108 | 0.0007 | 0.013 | 0.00398 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte10ft | ethylbenzene | µg/kg | 8 | 42 | 19 | 0.38 | 1.2 | 0.808 | 0.311 | 0.12 | 0.15 | 0.715 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 42 | 17 | 0.0026 | 0.056 | 0.0124 | 0.0194 | 0.0009 | 0.017 | 0.00653 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 panama ave | lte10ft | lead | mg/kg | 36 | 42 | 86 | 0.41 | 96 | 8.257 | 15.84 | 0.181 | 0.181 | 17.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte10ft | naphthalene | mg/kg | 18 | 42 | 43 | 0.001 | 0.026 | 0.00334 | 0.00586 | 0.00025 | 0.00039 | 0.00313 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte10ft | pyrene | mg/kg | 19 | 42 | 45 | 0.0008 | 0.24 | 0.0246 | 0.0568 | 0.0008 | 0.0008 | 0.0385 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte10ft | toluene | µg/kg | 15 | 42 | 36 | 0.13 | 1.2 | 0.549 | 0.372 | 0.11 | 0.15 | 0.377 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte10ft | tph as diesel | mg/kg | 11 | 42 | 26 | 5 | 350 | 88.49 | 101.6 | 4.8 | 4.8 | 43.67 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 panama ave | lte10ft | tph as gasoline | mg/kg | 10 | 42 | 24 | 0.054 | 0.17 | 0.0864 | 0.0413 | 0.046 | 0.062 | 0.0682 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24518 panama ave | lte10ft | tph as motor oil | mg/kg | 8 | 42 | 19 | 16 | 500 | 197.9 | 148 | 7 | 7 | 153.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 panama ave | lte10ft | vanadium | mg/kg | 42 | 42 | 100 | 5.7 | 36.8 | 23.52 | 9.809 | -- | -- | 30.12 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 panama ave | lte10ft | zinc | mg/kg | 42 | 42 | 100 | 6.24 | 346 | 39.87 | 55.29 | -- | -- | 77.06 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.0017 | 0.033 | 0.0131 | 0.0096 | 0.0006 | 0.0006 | 0.0172 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte02ft | antimony | mg/kg | 8 | 12 | 67 | 0.36 | 0.896 | 0.575 | 0.216 | 0.306 | 0.306 | 0.616 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 2.33 | 8.8 | 4.862 | 1.861 | -- | -- | 5.826 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.000916 | 0.0459 | 0.0127 | 0.0122 | -- | -- | 0.022 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte02ft | benzene | µg/kg | 8 | 12 | 67 | 0.14 | 0.64 | 0.313 | 0.171 | 0.11 | 0.16 | 0.34 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 12 | 92 | 0.0032 | 0.05 | 0.0151 | 0.0129 | 0.0033 | 0.0033 | 0.0303 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 12 | 75 | 0.002 | 0.033 | 0.0111 | 0.0094 | 0.0005 | 0.0099 | 0.0139 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0006 | 0.025 | 0.00757 | 0.0091 | 0.0014 | 0.007 | 0.0081 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte02ft | cadmium | mg/kg | 6 | 12 | 50 | 0.112 | 0.579 | 0.258 | 0.186 | 0.0883 | 0.0883 | 0.274 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0067 | 0.12 | 0.0342 | 0.0311 | -- | -- | 0.0545 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 6.6 | 10 | 7.995 | 1.214 | -- | -- | 8.624 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 8.87 | 21.4 | 13.59 | 4.334 | -- | -- | 15.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.8 | 20.8 | 9.415 | 5.037 | -- | -- | 12.35 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte02ft | naphthalene | mg/kg | 9 | 12 | 75 | 0.0007 | 0.023 | 0.00884 | 0.00858 | 0.00029 | 0.00039 | 0.0173 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0042 | 0.058 | 0.0173 | 0.0143 | -- | -- | 0.0258 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte02ft | toluene | µg/kg | 8 | 12 | 67 | 0.15 | 0.62 | 0.293 | 0.149 | 0.12 | 0.15 | 0.328 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 19 | 200 | 75.58 | 55.32 | -- | -- | 110.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte02ft | tph as gasoline | mg/kg | 5 | 12 | 42 | 0.063 | 0.12 | 0.075 | 0.0252 | 0.05 | 0.069 | 0.0774 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 66 | 610 | 257.2 | 173.1 | -- | -- | 346.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 23 | 33.8 | 27.49 | 3.479 | -- | -- | 29.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte02ft | xylenes, total | µg/kg | 5 | 12 | 42 | 0.19 | 0.52 | 0.276 | 0.137 | 0.16 | 0.24 | 0.286 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 27.2 | 84.3 | 42.68 | 18.38 | -- | -- | 53.57 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24518 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 23 | 52 | 0.13 | 7700 | 1475 | 2529 | 0.092 | 0.14 | 1505 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 23 | 61 | 0.0012 | 14 | 2.669 | 4.001 | 0.0011 | 0.021 | 2.964 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 23 | 96 | 0.0017 | 22 | 2.354 | 5.075 | 0.0006 | 0.0006 | 6.785 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte05ft | antimony | mg/kg | 14 | 23 | 61 | 0.36 | 2.08 | 0.852 | 0.488 | 0.306 | 0.306 | 0.83 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte05ft | arsenic | mg/kg | 23 | 23 | 100 | 2.33 | 26.8 | 8.093 | 5.623 | -- | -- | 10.15 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte05ft | bap teq | mg/kg | 23 | 23 | 100 | 0.000916 | 0.136 | 0.0292 | 0.0375 | -- | -- | 0.0461 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte05ft | benzene | µg/kg | 16 | 23 | 70 | 0.14 | 560 | 43.72 | 139.3 | 0.11 | 11 | 137.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 23 | 91 | 0.0014 | 0.22 | 0.0536 | 0.0701 | 0.0033 | 0.016 | 0.112 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 12 | 23 | 52 | 0.002 | 0.11 | 0.0199 | 0.0299 | 0.0005 | 0.099 | 0.0209 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 7 | 23 | 30 | 0.0006 | 0.072 | 0.0168 | 0.0257 | 0.0004 | 0.07 | 0.0121 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte05ft | cadmium | mg/kg | 9 | 23 | 39 | 0.102 | 0.579 | 0.23 | 0.156 | 0.0883 | 0.0883 | 0.195 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24518 ravenna ave | lte05ft | chrysene | mg/kg | 23 | 23 | 100 | 0.0067 | 0.65 | 0.138 | 0.194 | -- | -- | 0.314 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 ravenna ave | lte05ft | cobalt | mg/kg | 23 | 23 | 100 | 6.6 | 10.7 | 8.599 | 1.33 | -- | -- | 9.075 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte05ft | copper | mg/kg | 23 | 23 | 100 | 8.87 | 21.4 | 15.81 | 4.101 | -- | -- | 17.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte05ft | ethylbenzene | µg/kg | 12 | 23 | 52 | 0.16 | 6200 | 1065 | 1850 | 0.12 | 0.19 | 1131 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte05ft | lead | mg/kg | 23 | 23 | 100 | 4.79 | 20.8 | 8.553 | 4.641 | -- | -- | 10.27 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte05ft | naphthalene | mg/kg | 20 | 23 | 87 | 0.00055 | 8.9 | 1.492 | 2.239 | 0.00029 | 0.00039 | 3.252 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte05ft | pyrene | mg/kg | 21 | 23 | 91 | 0.0042 | 1.7 | 0.214 | 0.458 | 0.016 | 0.02 | 0.598 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte05ft | toluene | µg/kg | 10 | 23 | 43 | 0.15 | 0.62 | 0.309 | 0.157 | 0.12 | 13 | 0.321 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte05ft | tph as diesel | mg/kg | 23 | 23 | 100 | 19 | 10000 | 1757 | 2960 | -- | -- | 4447 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte05ft | tph as gasoline | mg/kg | 14 | 23 | 61 | 0.063 | 1000 | 279.6 | 341.1 | 0.048 | 0.069 | 444.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte05ft | tph as motor oil | mg/kg | 23 | 23 | 100 | 66 | 9900 | 2048 | 3038 | -- | -- | 4808 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte05ft | vanadium | mg/kg | 23 | 23 | 100 | 23 | 39.9 | 30.85 | 4.986 | -- | -- | 32.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte05ft | xylenes, total | µg/kg | 13 | 23 | 57 | 0.17 | 770 | 142.5 | 248.5 | 0.16 | 17 | 263 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte05ft | zinc | mg/kg | 23 | 23 | 100 | 27.2 | 84.3 | 42.16 | 13.51 | -- | -- | 46.95 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 30 | 63 | 0.13 | 11000 | 2169 | 3099 | 0.092 | 0.14 | 2249 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 30 | 23 | 0.12 | 930 | 184.9 | 338.6 | 0.078 | 8.2 | 100.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 21 | 30 | 70 | 0.0012 | 14 | 2.885 | 4.067 | 0.0011 | 0.021 | 3.203 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 29 | 30 | 97 | 0.0017 | 22 | 3.012 | 5.571 | 0.0006 | 0.0006 | 7.292 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte10ft | antimony | mg/kg | 17 | 30 | 57 | 0.36 | 2.08 | 0.849 | 0.459 | 0.306 | 0.306 | 0.769 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 2.33 | 26.8 | 8.007 | 5.358 | -- | -- | 9.657 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | bap teq | mg/kg | 28 | 30 | 93 | 0.000916 | 0.136 | 0.0256 | 0.0348 | 0.0411 | 0.208 | 0.0529 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 ravenna ave | lte10ft | benzene | µg/kg | 22 | 30 | 73 | 0.14 | 560 | 82.11 | 160.1 | 0.11 | 11 | 173.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 24 | 30 | 80 | 0.0014 | 0.22 | 0.0489 | 0.0668 | 0.0033 | 0.26 | 0.0927 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 12 | 30 | 40 | 0.002 | 0.11 | 0.0199 | 0.0299 | 0.0005 | 0.2 | 0.0172 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 30 | 23 | 0.0006 | 0.072 | 0.0168 | 0.0257 | 0.0004 | 0.14 | 0.0098 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | cadmium | mg/kg | 9 | 30 | 30 | 0.102 | 0.579 | 0.23 | 0.156 | 0.0883 | 0.0883 | 0.173 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | chrysene | mg/kg | 28 | 30 | 93 | 0.0067 | 0.65 | 0.121 | 0.179 | 0.095 | 0.47 | 0.257 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 ravenna ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 6.04 | 10.7 | 8.314 | 1.397 | -- | -- | 8.748 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 8.65 | 21.4 | 15.25 | 4.087 | -- | -- | 16.52 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte10ft | ethylbenzene | µg/kg | 19 | 30 | 63 | 0.16 | 6200 | 1337 | 1717 | 0.12 | 0.19 | 1320 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 3.72 | 20.8 | 7.59 | 4.439 | -- | -- | 9.012 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte10ft | naphthalene | mg/kg | 27 | 30 | 90 | 0.00055 | 8.9 | 2.183 | 2.594 | 0.00029 | 0.00039 | 3.994 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte10ft | pyrene | mg/kg | 26 | 30 | 87 | 0.0042 | 1.7 | 0.185 | 0.414 | 0.016 | 0.33 | 0.474 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 ravenna ave | lte10ft | toluene | µg/kg | 10 | 30 | 33 | 0.15 | 0.62 | 0.309 | 0.157 | 0.12 | 13 | 0.324 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte10ft | tph as diesel | mg/kg | 30 | 30 | 100 | 19 | 10000 | 1838 | 2833 | -- | -- | 4092 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte10ft | tph as gasoline | mg/kg | 21 | 30 | 70 | 0.063 | 1000 | 383.6 | 344.9 | 0.048 | 0.069 | 539.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24518 ravenna ave | lte10ft | tph as motor oil | mg/kg | 30 | 30 | 100 | 66 | 9900 | 2046 | 2832 | -- | -- | 4300 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24518 ravenna ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 21 | 39.9 | 30.04 | 5.096 | -- | -- | 31.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24518 ravenna ave | lte10ft | xylenes, total | µg/kg | 20 | 30 | 67 | 0.17 | 2800 | 323.3 | 642.9 | 0.16 | 17 | 399.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24518 ravenna ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 25.4 | 84.3 | 39.78 | 12.86 | -- | -- | 43.65 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 11 | 73 | 0.3 | 660 | 139 | 227.4 | 0.085 | 8.9 | 370.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 11 | 91 | 0.022 | 7.8 | 2.789 | 2.832 | 0.0021 | 0.0021 | 4.083 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 11 | 91 | 0.027 | 12 | 4.262 | 4.341 | 0.0012 | 0.0012 | 6.245 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 2.28 | 11.3 | 8.245 | 2.865 | -- | -- | 11.3 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.00141 | 0.107 | 0.0304 | 0.0328 | -- | -- | 0.0649 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | benzene | µg/kg | 8 | 11 | 73 | 0.33 | 130 | 43.61 | 51.19 | 0.11 | 12 | 58.24 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 11 | 55 | 0.0033 | 0.054 | 0.0209 | 0.0199 | 0.013 | 0.13 | 0.0319 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.012 | 0.5 | 0.139 | 0.142 | -- | -- | 0.261 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 7 | 11.3 | 9.526 | 1.523 | -- | -- | 10.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 9.3 | 22.3 | 17.14 | 4.613 | -- | -- | 19.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 11 | 11 | 100 | 0.22 | 3400 | 761.9 | 1141 | -- | -- | 3400 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 4.06 | 16.2 | 6.725 | 3.223 | -- | -- | 8.633 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | gt05lte10ft | naphthalene | mg/kg | 11 | 11 | 100 | 0.0022 | 5.8 | 1.814 | 1.938 | -- | -- | 2.873 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.0082 | 1.2 | 0.315 | 0.356 | -- | -- | 0.69 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | toluene | µg/kg | 7 | 11 | 64 | 0.19 | 17 | 6.241 | 7.419 | 0.14 | 13 | 7.313 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 11 | 11 | 100 | 45 | 4800 | 1738 | 1751 | -- | -- | 3511 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 11 | 100 | 0.074 | 780 | 177.1 | 273.1 | -- | -- | 780 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 80 | 5600 | 1925 | 1911 | -- | -- | 3740 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 24.3 | 41.7 | 34.9 | 5.964 | -- | -- | 38.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24519 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 8 | 11 | 73 | 0.61 | 44 | 12.62 | 17.2 | 15 | 16 | 30.05 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 27.1 | 117 | 46.91 | 24.26 | -- | -- | 61.2 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.0061 | 0.049 | 0.0151 | 0.0126 | 0.012 | 0.012 | 0.0289 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 4.14 | 11.3 | 6.449 | 1.846 | -- | -- | 7.322 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.000721 | 0.105 | 0.0363 | 0.034 | -- | -- | 0.0641 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | benzene | µg/kg | 10 | 14 | 71 | 0.17 | 1.3 | 0.356 | 0.337 | 0.11 | 0.12 | 0.462 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.0019 | 0.11 | 0.0381 | 0.0344 | -- | -- | 0.0626 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 14 | 79 | 0.01 | 0.076 | 0.033 | 0.0242 | 0.0005 | 0.0099 | 0.0408 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 14 | 57 | 0.0075 | 0.052 | 0.0216 | 0.0155 | 0.0004 | 0.007 | 0.0221 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.0042 | 0.31 | 0.101 | 0.0924 | -- | -- | 0.168 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 8.13 | 10.2 | 9.025 | 0.667 | -- | -- | 9.341 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 10.9 | 19 | 13.89 | 2.212 | -- | -- | 14.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 14 | 36 | 0.0039 | 0.026 | 0.0137 | 0.00953 | 0.0007 | 0.013 | 0.0169 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte02ft | ethylbenzene | µg/kg | 8 | 14 | 57 | 0.21 | 0.53 | 0.299 | 0.111 | 0.13 | 0.15 | 0.306 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 14 | 50 | 0.0048 | 0.03 | 0.0115 | 0.00851 | 0.0009 | 0.017 | 0.0122 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 5.46 | 18.7 | 9.979 | 3.615 | -- | -- | 11.81 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | naphthalene | mg/kg | 11 | 14 | 79 | 0.0018 | 0.021 | 0.00615 | 0.00576 | 0.00028 | 0.00033 | 0.0076 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0028 | 0.27 | 0.0771 | 0.0847 | -- | -- | 0.134 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | toluene | µg/kg | 9 | 14 | 64 | 0.2 | 0.59 | 0.312 | 0.116 | 0.13 | 0.15 | 0.327 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | tph as diesel | mg/kg | 13 | 14 | 93 | 9.8 | 430 | 96.06 | 111 | 4.8 | 4.8 | 217.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | tph as motor oil | mg/kg | 13 | 14 | 93 | 49 | 1300 | 335.4 | 334.1 | 7 | 7 | 700.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 29.2 | 36.9 | 33.04 | 2.407 | -- | -- | 34.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte02ft | xylenes, total | µg/kg | 6 | 14 | 43 | 0.31 | 0.8 | 0.525 | 0.182 | 0.17 | 0.2 | 0.564 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 32.9 | 67.9 | 44.49 | 11.41 | -- | -- | 50.03 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 24 | 29 | 0.16 | 12 | 2.096 | 4.373 | 0.093 | 11 | 2.211 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 24 | 29 | 0.0024 | 7.4 | 1.833 | 3.145 | 0.0011 | 0.021 | 1.209 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 24 | 92 | 0.002 | 13 | 0.902 | 3.025 | 0.003 | 0.012 | 3.413 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 3.06 | 11.3 | 5.577 | 2.164 | -- | -- | 6.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte05ft | bap teq | mg/kg | 24 | 24 | 100 | 0.000721 | 0.111 | 0.0343 | 0.0371 | -- | -- | 0.053 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte05ft | benzene | µg/kg | 15 | 24 | 63 | 0.13 | 1.3 | 0.363 | 0.386 | 0.1 | 12 | 0.439 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 22 | 24 | 92 | 0.0019 | 0.11 | 0.0308 | 0.031 | 0.065 | 0.13 | 0.0581 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 24 | 63 | 0.0041 | 0.084 | 0.031 | 0.0275 | 0.0005 | 0.099 | 0.0312 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 11 | 24 | 46 | 0.0025 | 0.052 | 0.0203 | 0.0172 | 0.0004 | 0.07 | 0.0166 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte05ft | cadmium | mg/kg | 5 | 24 | 21 | 0.0946 | 6.88 | 1.545 | 2.986 | 0.0883 | 0.0883 | 0.926 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 neptune ave | lte05ft | chrysene | mg/kg | 24 | 24 | 100 | 0.0042 | 0.31 | 0.102 | 0.0967 | -- | -- | 0.146 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 6.95 | 10.2 | 8.579 | 0.968 | -- | -- | 8.918 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 8.56 | 19 | 12.59 | 2.925 | -- | -- | 13.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 24 | 25 | 0.0039 | 0.026 | 0.0157 | 0.0099 | 0.0007 | 0.13 | 0.0169 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte05ft | ethylbenzene | µg/kg | 13 | 24 | 54 | 0.15 | 520 | 70.73 | 164.2 | 0.12 | 0.15 | 150.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 24 | 38 | 0.0014 | 0.037 | 0.0132 | 0.012 | 0.0009 | 0.17 | 0.0105 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 4.83 | 18.7 | 9.045 | 3.695 | -- | -- | 10.41 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte05ft | naphthalene | mg/kg | 21 | 24 | 88 | 0.00041 | 4.4 | 0.378 | 1.031 | 0.00028 | 0.00033 | 1.196 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte05ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0028 | 0.57 | 0.0908 | 0.126 | -- | -- | 0.202 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 neptune ave | lte05ft | toluene | µg/kg | 14 | 24 | 58 | 0.13 | 16 | 1.414 | 4.2 | 0.12 | 14 | 3.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte05ft | tph as diesel | mg/kg | 23 | 24 | 96 | 5.1 | 6200 | 686.3 | 1714 | 4.8 | 4.8 | 2156 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 neptune ave | lte05ft | tph as motor oil | mg/kg | 23 | 24 | 96 | 7.2 | 6200 | 929.9 | 1698 | 7 | 7 | 2380 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 neptune ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 24.7 | 37.1 | 30.97 | 4.074 | -- | -- | 32.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte05ft | xylenes, total | µg/kg | 11 | 24 | 46 | 0.18 | 33 | 5.177 | 10.94 | 0.15 | 18 | 9.46 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 26 | 1240 | 92.91 | 245 | -- | -- | 310.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 35 | 43 | 0.16 | 660 | 75.11 | 175.7 | 0.085 | 11 | 121.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 35 | 14 | 0.096 | 22 | 4.821 | 9.631 | 0.072 | 9 | 1.952 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 17 | 35 | 49 | 0.0024 | 7.8 | 2.396 | 2.908 | 0.0011 | 0.021 | 1.843 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 32 | 35 | 91 | 0.002 | 13 | 1.952 | 3.764 | 0.0012 | 0.012 | 4.468 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte10ft | arsenic | mg/kg | 35 | 35 | 100 | 2.28 | 11.3 | 6.415 | 2.676 | -- | -- | 7.281 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte10ft | bap teq | mg/kg | 35 | 35 | 100 | 0.000721 | 0.111 | 0.0331 | 0.0354 | -- | -- | 0.0469 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte10ft | benzene | µg/kg | 23 | 35 | 66 | 0.13 | 130 | 15.4 | 35.74 | 0.1 | 12 | 32.22 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 35 | 80 | 0.0019 | 0.11 | 0.0286 | 0.029 | 0.013 | 0.13 | 0.0356 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 15 | 35 | 43 | 0.0041 | 0.084 | 0.031 | 0.0275 | 0.0005 | 0.099 | 0.024 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 11 | 35 | 31 | 0.0025 | 0.052 | 0.0203 | 0.0172 | 0.0004 | 0.07 | 0.0128 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24519 neptune ave | lte10ft | cadmium | mg/kg | 8 | 35 | 23 | 0.0916 | 6.88 | 1.048 | 2.361 | 0.0883 | 0.0883 | 0.73 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte10ft | chrysene | mg/kg | 35 | 35 | 100 | 0.0042 | 0.5 | 0.113 | 0.112 | -- | -- | 0.152 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte10ft | cobalt | mg/kg | 35 | 35 | 100 | 6.95 | 11.3 | 8.877 | 1.231 | -- | -- | 9.229 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte10ft | copper | mg/kg | 35 | 35 | 100 | 8.56 | 22.3 | 14.02 | 4.078 | -- | -- | 15.26 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 35 | 17 | 0.0039 | 0.026 | 0.0157 | 0.0099 | 0.0007 | 0.13 | 0.0165 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte10ft | ethylbenzene | µg/kg | 24 | 35 | 69 | 0.15 | 3400 | 387.5 | 839.1 | 0.12 | 0.15 | 795.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 35 | 26 | 0.0014 | 0.037 | 0.0132 | 0.012 | 0.0009 | 0.17 | 0.00877 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte10ft | lead | mg/kg | 35 | 35 | 100 | 4.06 | 18.7 | 8.316 | 3.672 | -- | -- | 9.389 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte10ft | naphthalene | mg/kg | 32 | 35 | 91 | 0.00041 | 5.8 | 0.872 | 1.542 | 0.00028 | 0.00033 | 1.898 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte10ft | pyrene | mg/kg | 35 | 35 | 100 | 0.0028 | 1.2 | 0.161 | 0.243 | -- | -- | 0.359 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24519 neptune ave | lte10ft | toluene | µg/kg | 21 | 35 | 60 | 0.13 | 17 | 3.023 | 5.781 | 0.12 | 14 | 5.472 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte10ft | tph as diesel | mg/kg | 34 | 35 | 97 | 5.1 | 6200 | 1026 | 1771 | 4.8 | 4.8 | 2290 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 neptune ave | lte10ft | tph as gasoline | mg/kg | 15 | 35 | 43 | 0.074 | 780 | 161.9 | 235.5 | 0.048 | 0.07 | 119.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 neptune ave | lte10ft | tph as motor oil | mg/kg | 34 | 35 | 97 | 7.2 | 6200 | 1252 | 1803 | 7 | 7 | 2535 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 neptune ave | lte10ft | vanadium | mg/kg | 35 | 35 | 100 | 24.3 | 41.7 | 32.21 | 5.011 | -- | -- | 33.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 neptune ave | lte10ft | xylenes, total | µg/kg | 19 | 35 | 54 | 0.18 | 44 | 8.309 | 13.99 | 0.15 | 18 | 12.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 neptune ave | lte10ft | zinc | mg/kg | 35 | 35 | 100 | 26 | 1240 | 78.45 | 203.1 | -- | -- | 228.1 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 15 | 93 | 0.0008 | 0.013 | 0.00662 | 0.00437 | 0.003 | 0.003 | 0.00828 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | arsenic | mg/kg | 15 | 15 | 100 | 1.56 | 3.1 | 2.437 | 0.483 | -- | -- | 2.656 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | bap teq | mg/kg | 15 | 15 | 100 | 0.00135 | 0.0502 | 0.0174 | 0.0138 | -- | -- | 0.0237 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | benzene | µg/kg | 10 | 15 | 67 | 0.12 | 0.52 | 0.272 | 0.138 | 0.11 | 0.12 | 0.283 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 15 | 87 | 0.0009 | 0.032 | 0.0152 | 0.0104 | 0.0007 | 0.0033 | 0.0184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 15 | 100 | 0.001 | 0.036 | 0.0128 | 0.0102 | -- | -- | 0.0175 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 15 | 87 | 0.0006 | 0.027 | 0.00838 | 0.0069 | 0.0004 | 0.007 | 0.0104 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 15 | 53 | 0.0011 | 0.02 | 0.00664 | 0.00573 | 0.0011 | 0.023 | 0.0073 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte02ft | cadmium | mg/kg | 7 | 15 | 47 | 0.0942 | 0.513 | 0.248 | 0.18 | 0.0883 | 0.0883 | 0.233 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | chrysene | mg/kg | 15 | 15 | 100 | 0.002 | 0.083 | 0.0386 | 0.0304 | -- | -- | 0.0524 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | cobalt | mg/kg | 15 | 15 | 100 | 6.76 | 9.81 | 8.472 | 0.957 | -- | -- | 8.907 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | copper | mg/kg | 15 | 15 | 100 | 9.18 | 18.7 | 11.87 | 2.666 | -- | -- | 13.13 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24519 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 15 | 33 | 0.0023 | 0.0091 | 0.00416 | 0.0028 | 0.0007 | 0.013 | 0.00404 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 15 | 60 | 0.001 | 0.025 | 0.00693 | 0.00726 | 0.0009 | 0.017 | 0.00816 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte02ft | lead | mg/kg | 15 | 15 | 100 | 6.24 | 29 | 11 | 7.401 | -- | -- | 14.54 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte02ft | naphthalene | mg/kg | 7 | 15 | 47 | 0.00027 | 0.018 | 0.00644 | 0.00679 | 0.00026 | 0.00029 | 0.00632 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | pyrene | mg/kg | 15 | 15 | 100 | 0.0015 | 0.058 | 0.0218 | 0.0184 | -- | -- | 0.0302 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | toluene | µg/kg | 7 | 15 | 47 | 0.16 | 0.51 | 0.264 | 0.119 | 0.12 | 0.14 | 0.265 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | tph as diesel | mg/kg | 12 | 15 | 80 | 11 | 75 | 42.25 | 24.85 | 4.8 | 4.8 | 47.72 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | tph as motor oil | mg/kg | 12 | 15 | 80 | 36 | 310 | 171.6 | 90.85 | 7 | 7 | 189.5 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte02ft | vanadium | mg/kg | 15 | 15 | 100 | 21.8 | 33.4 | 29.79 | 2.772 | -- | -- | 31.05 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte02ft | zinc | mg/kg | 15 | 15 | 100 | 27.4 | 87.5 | 38.97 | 15.48 | -- | -- | 46.46 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 24 | 33 | 0.1 | 8200 | 1551 | 3043 | 0.091 | 0.11 | 1190 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 24 | 29 | 0.0046 | 7.7 | 2.271 | 3.11 | 0.0011 | 0.021 | 1.37 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 24 | 92 | 0.0008 | 12 | 1.099 | 3.061 | 0.0006 | 0.003 | 3.63 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 1.56 | 9.25 | 3.813 | 2.169 | -- | -- | 4.699 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24519 panama ave | lte05ft | bap teq | mg/kg | 23 | 24 | 96 | 0.00078 | 0.351 | 0.036 | 0.0731 | 0.103 | 0.103 | 0.0991 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte05ft | benzene | µg/kg | 17 | 24 | 71 | 0.12 | 850 | 68.08 | 212.5 | 0.11 | 0.12 | 209.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 17 | 24 | 71 | 0.0009 | 0.35 | 0.0347 | 0.0819 | 0.0007 | 0.13 | 0.0886 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 21 | 24 | 88 | 0.0005 | 0.28 | 0.0264 | 0.0596 | 0.0025 | 0.099 | 0.0743 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 24 | 71 | 0.0006 | 0.11 | 0.0151 | 0.0255 | 0.0004 | 0.07 | 0.0315 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 11 | 24 | 46 | 0.0011 | 0.071 | 0.0128 | 0.0201 | 0.0011 | 0.23 | 0.0133 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 panama ave | lte05ft | cadmium | mg/kg | 11 | 24 | 46 | 0.0942 | 0.513 | 0.2 | 0.154 | 0.0883 | 0.0883 | 0.184 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 24 | 21 | 0.24 | 0.44 | 0.298 | 0.0814 | 0.22 | 0.22 | 0.268 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 panama ave | lte05ft | chrysene | mg/kg | 22 | 24 | 92 | 0.002 | 0.89 | 0.11 | 0.22 | 0.0012 | 0.22 | 0.291 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 panama ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 6.14 | 11.9 | 8.338 | 1.32 | -- | -- | 8.799 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 7.56 | 18.7 | 12.37 | 3.331 | -- | -- | 13.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 24 | 25 | 0.0023 | 0.0091 | 0.00428 | 0.00253 | 0.0007 | 0.13 | 0.00402 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte05ft | ethylbenzene | µg/kg | 5 | 24 | 21 | 9.4 | 6300 | 1808 | 2721 | 0.12 | 0.14 | 1115 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 24 | 50 | 0.001 | 0.072 | 0.0126 | 0.02 | 0.0009 | 0.17 | 0.0137 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 4.58 | 34.3 | 10.61 | 7.991 | -- | -- | 17.72 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte05ft | naphthalene | mg/kg | 13 | 24 | 54 | 0.00027 | 6.5 | 1.132 | 2.034 | 0.00026 | 0.00029 | 2.044 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24519 panama ave | lte05ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0008 | 1.6 | 0.124 | 0.334 | -- | -- | 0.421 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 panama ave | lte05ft | toluene | µg/kg | 8 | 24 | 33 | 0.12 | 0.51 | 0.246 | 0.122 | 0.12 | 12 | 0.231 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte05ft | tph as diesel | mg/kg | 18 | 24 | 75 | 11 | 13000 | 1116 | 3079 | 4.8 | 4.8 | 3252 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte05ft | tph as gasoline | mg/kg | 6 | 24 | 25 | 0.079 | 990 | 295.9 | 402.5 | 0.046 | 0.061 | 189 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte05ft | tph as motor oil | mg/kg | 18 | 24 | 75 | 29 | 11000 | 1248 | 2694 | 7 | 7 | 3075 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 21.8 | 38.8 | 30.53 | 3.351 | -- | -- | 31.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte05ft | xylenes, total | µg/kg | 5 | 24 | 21 | 0.22 | 1000 | 288.2 | 441.1 | 0.16 | 16 | 185.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 27.4 | 87.5 | 37.91 | 12.98 | -- | -- | 42.7 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 30 | 40 | 0.1 | 8200 | 1689 | 2800 | 0.091 | 0.11 | 1287 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 11 | 30 | 37 | 0.0022 | 11 | 2.651 | 3.747 | 0.0011 | 0.021 | 1.791 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 27 | 30 | 90 | 0.0008 | 16 | 1.596 | 3.996 | 0.0006 | 0.003 | 4.478 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 1.56 | 9.25 | 3.618 | 2.024 | -- | -- | 4.262 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte10ft | bap teq | mg/kg | 29 | 30 | 97 | 0.00078 | 0.351 | 0.0313 | 0.0658 | 0.103 | 0.103 | 0.0824 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 panama ave | lte10ft | benzene | µg/kg | 23 | 30 | 77 | 0.12 | 850 | 75.63 | 199.3 | 0.11 | 0.12 | 199.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 20 | 30 | 67 | 0.0009 | 0.35 | 0.0302 | 0.0759 | 0.0007 | 0.13 | 0.072 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 25 | 30 | 83 | 0.0005 | 0.28 | 0.023 | 0.055 | 0.0025 | 0.099 | 0.0608 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 30 | 67 | 0.0006 | 0.11 | 0.0132 | 0.0238 | 0.0004 | 0.07 | 0.0171 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 30 | 40 | 0.0011 | 0.071 | 0.0121 | 0.0194 | 0.0011 | 0.23 | 0.0131 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 panama ave | lte10ft | cadmium | mg/kg | 11 | 30 | 37 | 0.0942 | 0.513 | 0.2 | 0.154 | 0.0883 | 0.0883 | 0.166 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte10ft | chromium, hexavalent | mg/kg | 5 | 30 | 17 | 0.24 | 0.44 | 0.298 | 0.0814 | 0.22 | 0.22 | 0.262 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24519 panama ave | lte10ft | chrysene | mg/kg | 28 | 30 | 93 | 0.002 | 0.89 | 0.0969 | 0.198 | 0.0012 | 0.22 | 0.245 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 panama ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 2.46 | 11.9 | 7.73 | 1.965 | -- | -- | 8.34 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 3.04 | 18.7 | 11.18 | 4.088 | -- | -- | 12.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 8 | 30 | 27 | 0.0008 | 0.0091 | 0.00358 | 0.00253 | 0.0007 | 0.13 | 0.00336 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte10ft | ethylbenzene | µg/kg | 11 | 30 | 37 | 0.34 | 6300 | 1264 | 1989 | 0.12 | 0.14 | 886.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24519 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 30 | 47 | 0.001 | 0.072 | 0.0113 | 0.0187 | 0.0009 | 0.17 | 0.013 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 panama ave | lte10ft | lead | mg/kg | 28 | 30 | 93 | 3.73 | 34.3 | 9.781 | 7.667 | 0.181 | 0.181 | 15.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte10ft | naphthalene | mg/kg | 18 | 30 | 60 | 0.00027 | 7.1 | 1.362 | 2.264 | 0.00026 | 0.0003 | 2.316 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 panama ave | lte10ft | pyrene | mg/kg | 30 | 30 | 100 | 0.0008 | 1.6 | 0.109 | 0.301 | -- | -- | 0.348 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 panama ave | lte10ft | toluene | µg/kg | 11 | 30 | 37 | 0.12 | 0.64 | 0.302 | 0.16 | 0.12 | 12 | 0.276 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte10ft | tph as diesel | mg/kg | 21 | 30 | 70 | 11 | 13000 | 1606 | 3708 | 4.8 | 4.8 | 3668 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte10ft | tph as gasoline | mg/kg | 9 | 30 | 30 | 0.079 | 990 | 337.3 | 351.6 | 0.046 | 0.061 | 214.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte10ft | tph as motor oil | mg/kg | 21 | 30 | 70 | 29 | 11000 | 1679 | 3280 | 7 | 7 | 3453 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24519 panama ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 10.2 | 38.8 | 28.04 | 6.699 | -- | -- | 30.12 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24519 panama ave | lte10ft | xylenes, total | µg/kg | 8 | 30 | 27 | 0.22 | 1000 | 297.5 | 360.4 | 0.16 | 16 | 165.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24519 panama ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 13.1 | 87.5 | 34.58 | 13.7 | -- | -- | 39.21 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 5 | 8 | 63 | 0.12 | 31 | 11.5 | 13.54 | 0.0011 | 0.0011 | 15.51 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 5 | 8 | 63 | 0.028 | 35 | 14.87 | 16.24 | 0.0006 | 0.0006 | 20.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 2.33 | 15.6 | 10.33 | 5.374 | -- | -- | 13.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 4.99 | 18.6 | 10.92 | 4.081 | -- | -- | 13.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 7.88 | 35.7 | 24.14 | 9.773 | -- | -- | 30.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 1.1 | 9.84 | 4.224 | 2.889 | -- | -- | 6.159 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | naphthalene | mg/kg | 5 | 8 | 63 | 0.0041 | 22 | 6.623 | 9.197 | 0.00028 | 0.00032 | 9.57 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 5 | 8 | 63 | 810 | 32000 | 15482 | 14458 | 4.8 | 4.8 | 19953 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 5 | 8 | 63 | 4 | 2000 | 688.8 | 793.5 | 0.055 | 0.057 | 950 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 5 | 8 | 63 | 930 | 31000 | 14566 | 13523 | 7 | 7 | 18750 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 21.5 | 55.9 | 40.95 | 10.73 | -- | -- | 48.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 22.8 | 69 | 44.83 | 13.22 | -- | -- | 53.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 12 | 58 | 0.0012 | 0.51 | 0.0787 | 0.19 | 0.003 | 0.0048 | 0.237 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 marbella ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 1.3 | 12.1 | 6.327 | 3.22 | -- | -- | 7.996 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00373 | 0.0843 | 0.0174 | 0.0223 | -- | -- | 0.0302 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte02ft | benzene | µg/kg | 11 | 12 | 92 | 0.13 | 0.5 | 0.253 | 0.138 | 0.13 | 0.13 | 0.308 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 12 | 83 | 0.0041 | 0.081 | 0.0194 | 0.0228 | 0.0052 | 0.013 | 0.0285 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 12 | 75 | 0.0029 | 0.058 | 0.0152 | 0.0171 | 0.0025 | 0.0099 | 0.0204 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0015 | 0.033 | 0.00975 | 0.012 | 0.0007 | 0.007 | 0.0107 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte02ft | cadmium | mg/kg | 8 | 12 | 67 | 0.112 | 0.261 | 0.2 | 0.0539 | 0.0883 | 0.0883 | 0.211 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.011 | 0.24 | 0.0564 | 0.0637 | -- | -- | 0.0962 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 7.98 | 14.2 | 11.67 | 1.651 | -- | -- | 12.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 14 | 27.2 | 22.4 | 3.773 | -- | -- | 24.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24522 marbella ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.98 | 15.1 | 8.343 | 2.88 | -- | -- | 9.835 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte02ft | pyrene | mg/kg | 11 | 12 | 92 | 0.0058 | 0.094 | 0.0241 | 0.0257 | 0.0065 | 0.0065 | 0.0542 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte02ft | toluene | µg/kg | 9 | 12 | 75 | 0.12 | 0.59 | 0.278 | 0.147 | 0.14 | 0.16 | 0.316 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 29 | 8600 | 845.8 | 2451 | -- | -- | 3930 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 marbella ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 77 | 9300 | 1025 | 2628 | -- | -- | 4332 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 marbella ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 25.9 | 49 | 40.74 | 6.529 | -- | -- | 44.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 31.6 | 65.8 | 51.96 | 10.14 | -- | -- | 57.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 19 | 26 | 0.0012 | 27 | 7.266 | 11.53 | 0.0011 | 0.011 | 4.662 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 11 | 19 | 58 | 0.0012 | 44 | 5.267 | 13.42 | 0.0006 | 0.0048 | 13.62 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 marbella ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 1.3 | 19 | 7.634 | 4.571 | -- | -- | 9.453 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte05ft | bap teq | mg/kg | 17 | 19 | 89 | 0.000536 | 0.106 | 0.0218 | 0.0299 | 0.00053 | 0.00208 | 0.0486 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte05ft | benzene | µg/kg | 17 | 19 | 89 | 0.11 | 2800 | 241.4 | 730.6 | 0.12 | 0.13 | 911.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 11 | 19 | 58 | 0.001 | 0.081 | 0.0177 | 0.0223 | 0.0007 | 0.13 | 0.0228 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 9 | 19 | 47 | 0.0029 | 0.058 | 0.0152 | 0.0171 | 0.0005 | 0.099 | 0.0151 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 6 | 19 | 32 | 0.0015 | 0.033 | 0.00975 | 0.012 | 0.0004 | 0.07 | 0.00772 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte05ft | cadmium | mg/kg | 10 | 19 | 53 | 0.112 | 0.261 | 0.211 | 0.0527 | 0.0883 | 0.0883 | 0.209 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte05ft | chrysene | mg/kg | 16 | 19 | 84 | 0.0012 | 0.48 | 0.0918 | 0.123 | 0.0012 | 0.0047 | 0.196 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 7.15 | 14.2 | 11.42 | 2.032 | -- | -- | 12.36 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 marbella ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 13.7 | 31.1 | 22.35 | 4.701 | -- | -- | 24.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 2.21 | 15.1 | 7.081 | 3.232 | -- | -- | 8.366 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte05ft | naphthalene | mg/kg | 7 | 19 | 37 | 0.00037 | 20 | 3.833 | 7.551 | 0.00026 | 0.00036 | 3.401 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte05ft | pyrene | mg/kg | 15 | 19 | 79 | 0.001 | 0.23 | 0.0443 | 0.0605 | 0.0008 | 0.0065 | 0.092 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte05ft | toluene | µg/kg | 9 | 19 | 47 | 0.12 | 0.59 | 0.278 | 0.147 | 0.12 | 12 | 0.272 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte05ft | tph as diesel | mg/kg | 16 | 19 | 84 | 29 | 27000 | 4292 | 8174 | 4.8 | 4.8 | 11290 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 marbella ave | lte05ft | tph as gasoline | mg/kg | 6 | 19 | 32 | 0.071 | 2000 | 648.4 | 872.5 | 0.049 | 0.069 | 439.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte05ft | tph as motor oil | mg/kg | 16 | 19 | 84 | 77 | 26000 | 4576 | 8328 | 7 | 7 | 11693 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 marbella ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 25.7 | 49 | 40.15 | 7.096 | -- | -- | 42.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 31.6 | 65.8 | 49.44 | 10.36 | -- | -- | 53.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 27 | 26 | 0.32 | 12000 | 1981 | 4440 | 0.092 | 0.13 | 1317 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 27 | 19 | 0.1 | 340 | 82.04 | 145.4 | 0.078 | 8.6 | 38.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 27 | 37 | 0.0012 | 31 | 9.385 | 12.06 | 0.0011 | 0.011 | 6.352 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 16 | 27 | 59 | 0.0012 | 44 | 8.267 | 14.54 | 0.0006 | 0.0048 | 8.889 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 marbella ave | lte10ft | arsenic | mg/kg | 27 | 27 | 100 | 1.3 | 19 | 8.431 | 4.88 | -- | -- | 10.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte10ft | bap teq | mg/kg | 21 | 27 | 78 | 0.000536 | 0.159 | 0.0284 | 0.041 | 0.00053 | 0.208 | 0.056 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | benzene | µg/kg | 20 | 27 | 74 | 0.11 | 2800 | 220.5 | 673.7 | 0.11 | 12 | 656.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 11 | 27 | 41 | 0.001 | 0.081 | 0.0177 | 0.0223 | 0.0007 | 0.26 | 0.0155 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 10 | 27 | 37 | 0.0029 | 0.1 | 0.0237 | 0.0313 | 0.0005 | 0.2 | 0.0189 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 27 | 22 | 0.0015 | 0.033 | 0.00975 | 0.012 | 0.0004 | 0.14 | 0.00636 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | cadmium | mg/kg | 13 | 27 | 48 | 0.112 | 0.393 | 0.231 | 0.0823 | 0.0883 | 0.0883 | 0.208 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte10ft | chrysene | mg/kg | 20 | 27 | 74 | 0.0012 | 0.73 | 0.124 | 0.181 | 0.0012 | 0.47 | 0.233 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | cobalt | mg/kg | 27 | 27 | 100 | 4.99 | 18.6 | 11.28 | 2.719 | -- | -- | 12.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte10ft | copper | mg/kg | 27 | 27 | 100 | 7.88 | 35.7 | 22.88 | 6.458 | -- | -- | 25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte10ft | ethylbenzene | µg/kg | 6 | 27 | 22 | 0.14 | 14000 | 5517 | 5926 | 0.12 | 14 | 3667 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte10ft | lead | mg/kg | 27 | 27 | 100 | 1.1 | 15.1 | 6.234 | 3.354 | -- | -- | 7.335 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte10ft | naphthalene | mg/kg | 12 | 27 | 44 | 0.00037 | 22 | 4.995 | 7.995 | 0.00026 | 0.00036 | 4.166 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | pyrene | mg/kg | 18 | 27 | 67 | 0.001 | 0.44 | 0.0659 | 0.109 | 0.0008 | 0.33 | 0.0829 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | toluene | µg/kg | 10 | 27 | 37 | 0.12 | 81 | 8.35 | 25.53 | 0.12 | 13 | 16.67 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 marbella ave | lte10ft | tph as diesel | mg/kg | 21 | 27 | 78 | 29 | 32000 | 6957 | 10759 | 4.8 | 4.8 | 13753 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 marbella ave | lte10ft | tph as gasoline | mg/kg | 11 | 27 | 41 | 0.071 | 2000 | 666.8 | 795.6 | 0.049 | 0.069 | 472.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 marbella ave | lte10ft | tph as motor oil | mg/kg | 21 | 27 | 78 | 77 | 31000 | 6954 | 10373 | 7 | 7 | 13484 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 marbella ave | lte10ft | vanadium | mg/kg | 27 | 27 | 100 | 21.5 | 55.9 | 40.39 | 8.124 | -- | -- | 43.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte10ft | xylenes, total | µg/kg | 5 | 27 | 19 | 0.48 | 670 | 234.2 | 274 | 0.16 | 18 | 270 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 marbella ave | lte10ft | zinc | mg/kg | 27 | 27 | 100 | 22.8 | 69 | 48.07 | 11.22 | -- | -- | 51.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 8 | 75 | 11 | 180 | 67.5 | 70.22 | 0.73 | 0.74 | 97.89 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.24 | 8.2 | 3.223 | 3.231 | -- | -- | 5.387 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.3 | 13 | 5.188 | 4.811 | -- | -- | 8.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 5.04 | 19.8 | 11.12 | 4.56 | -- | -- | 14.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.019 | 0.104 | 0.0465 | 0.0282 | -- | -- | 0.0654 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | benzene | µg/kg | 5 | 8 | 63 | 1 | 290 | 84.8 | 118 | 0.7 | 13 | 135.4 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24522 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 8 | 75 | 0.027 | 0.11 | 0.068 | 0.0277 | 0.0065 | 0.065 | 0.0804 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.041 | 0.29 | 0.178 | 0.0818 | -- | -- | 0.233 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 7.92 | 11.3 | 9.718 | 1.066 | -- | -- | 10.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 11.9 | 22.8 | 18.34 | 3.188 | -- | -- | 20.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 8 | 100 | 160 | 3200 | 1113 | 1138 | -- | -- | 1875 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.26 | 19.8 | 6.923 | 5.218 | -- | -- | 10.72 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | gt05lte10ft | naphthalene | mg/kg | 8 | 8 | 100 | 0.73 | 5.8 | 2.629 | 1.889 | -- | -- | 3.894 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.043 | 0.57 | 0.273 | 0.159 | -- | -- | 0.379 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 70 | 5800 | 2269 | 2046 | -- | -- | 3639 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 8 | 100 | 1.1 | 670 | 228.1 | 267.9 | -- | -- | 407.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 110 | 6400 | 2800 | 2352 | -- | -- | 4375 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 28 | 43.4 | 37.15 | 4.771 | -- | -- | 40.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 34.6 | 56.8 | 44.24 | 7.116 | -- | -- | 49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 13 | 69 | 0.0017 | 0.015 | 0.00498 | 0.00437 | 0.0011 | 0.0043 | 0.00597 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 13 | 77 | 0.0033 | 0.027 | 0.00926 | 0.00695 | 0.0006 | 0.0024 | 0.011 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 neptune ave | lte02ft | antimony | mg/kg | 7 | 13 | 54 | 0.32 | 1.1 | 0.485 | 0.275 | 0.28 | 0.306 | 0.528 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte02ft | arsenic | mg/kg | 13 | 13 | 100 | 2.14 | 7.67 | 4.3 | 1.502 | -- | -- | 5.042 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | bap teq | mg/kg | 11 | 13 | 85 | 0.000543 | 0.0203 | 0.00841 | 0.00662 | 0.00053 | 0.00208 | 0.0106 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | benzene | µg/kg | 6 | 13 | 46 | 0.13 | 0.42 | 0.192 | 0.112 | 0.11 | 0.12 | 0.202 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 13 | 77 | 0.0012 | 0.016 | 0.00862 | 0.00484 | 0.0007 | 0.0026 | 0.0097 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 13 | 69 | 0.0016 | 0.015 | 0.00689 | 0.00373 | 0.0005 | 0.002 | 0.00772 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 13 | 54 | 0.0015 | 0.0089 | 0.0046 | 0.00228 | 0.0004 | 0.0014 | 0.00505 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | cadmium | mg/kg | 8 | 13 | 62 | 0.3 | 0.58 | 0.386 | 0.101 | 0.0883 | 0.0883 | 0.399 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | chrysene | mg/kg | 11 | 13 | 85 | 0.0019 | 0.042 | 0.0206 | 0.0136 | 0.0012 | 0.0047 | 0.0248 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | cobalt | mg/kg | 13 | 13 | 100 | 6.44 | 11 | 8.828 | 1.668 | -- | -- | 9.652 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | copper | mg/kg | 13 | 13 | 100 | 7.05 | 19.6 | 12.71 | 3.758 | -- | -- | 14.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 13 | 46 | 0.0012 | 0.003 | 0.00213 | 0.00068605 | 0.0007 | 0.0027 | 0.00228 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 13 | 38 | 0.0017 | 0.0064 | 0.00352 | 0.00174 | 0.0009 | 0.0035 | 0.00372 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | lead | mg/kg | 13 | 13 | 100 | 4.05 | 15.6 | 7.135 | 3.306 | -- | -- | 8.892 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte02ft | naphthalene | mg/kg | 11 | 13 | 85 | 0.0022 | 0.024 | 0.00802 | 0.00695 | 0.00026 | 0.00029 | 0.0105 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 neptune ave | lte02ft | pyrene | mg/kg | 11 | 13 | 85 | 0.0014 | 0.036 | 0.0139 | 0.0102 | 0.0008 | 0.0033 | 0.0172 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | toluene | µg/kg | 5 | 13 | 38 | 0.19 | 0.34 | 0.234 | 0.0602 | 0.12 | 0.14 | 0.238 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte02ft | tph as diesel | mg/kg | 11 | 13 | 85 | 5.4 | 150 | 28.25 | 42.6 | 4.8 | 4.8 | 73.25 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte02ft | tph as motor oil | mg/kg | 12 | 13 | 92 | 22 | 740 | 163.5 | 261.6 | 7 | 7 | 460.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte02ft | vanadium | mg/kg | 13 | 13 | 100 | 22 | 38.7 | 29.25 | 5.632 | -- | -- | 32.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte02ft | zinc | mg/kg | 13 | 13 | 100 | 28.3 | 51.7 | 38.74 | 8.136 | -- | -- | 42.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 20 | 25 | 0.14 | 34 | 6.996 | 15.1 | 0.092 | 0.73 | 9.893 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 20 | 70 | 0.0017 | 3.7 | 0.398 | 1.03 | 0.0011 | 0.0043 | 1.139 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 20 | 80 | 0.0009 | 6.7 | 0.563 | 1.717 | 0.0006 | 0.0024 | 1.965 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte05ft | antimony | mg/kg | 11 | 20 | 55 | 0.29 | 1.1 | 0.464 | 0.226 | 0.28 | 0.306 | 0.46 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 neptune ave | lte05ft | arsenic | mg/kg | 20 | 20 | 100 | 2.14 | 10.8 | 5.412 | 2.68 | -- | -- | 6.57 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 neptune ave | lte05ft | bap teq | mg/kg | 18 | 20 | 90 | 0.000543 | 0.402 | 0.0364 | 0.0932 | 0.00053 | 0.00208 | 0.12 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte05ft | benzene | µg/kg | 10 | 20 | 50 | 0.13 | 0.42 | 0.198 | 0.0967 | 0.11 | 12 | 0.209 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 17 | 20 | 85 | 0.0012 | 0.3 | 0.0334 | 0.0725 | 0.0007 | 0.0026 | 0.0947 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 16 | 20 | 80 | 0.0014 | 0.31 | 0.0306 | 0.0759 | 0.0005 | 0.002 | 0.092 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 20 | 65 | 0.0013 | 0.24 | 0.0243 | 0.0652 | 0.0004 | 0.014 | 0.0687 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte05ft | cadmium | mg/kg | 13 | 20 | 65 | 0.3 | 0.58 | 0.405 | 0.0952 | 0.0883 | 0.0883 | 0.404 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte05ft | chrysene | mg/kg | 18 | 20 | 90 | 0.0019 | 1.6 | 0.136 | 0.374 | 0.0012 | 0.0047 | 0.47 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte05ft | cobalt | mg/kg | 20 | 20 | 100 | 6.44 | 11.1 | 8.959 | 1.535 | -- | -- | 9.552 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte05ft | copper | mg/kg | 20 | 20 | 100 | 7.05 | 21.7 | 13.85 | 4.024 | -- | -- | 15.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 20 | 40 | 0.001 | 0.003 | 0.00191 | 0.00072198 | 0.0007 | 0.067 | 0.00186 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 20 | 40 | 0.0016 | 0.14 | 0.0203 | 0.0484 | 0.0009 | 0.035 | 0.0233 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte05ft | lead | mg/kg | 20 | 20 | 100 | 3.81 | 22 | 7.494 | 4.495 | -- | -- | 9.316 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte05ft | naphthalene | mg/kg | 18 | 20 | 90 | 0.0022 | 2.2 | 0.216 | 0.593 | 0.00026 | 0.00029 | 0.747 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte05ft | pyrene | mg/kg | 18 | 20 | 90 | 0.0014 | 1.7 | 0.152 | 0.404 | 0.0008 | 0.0033 | 0.514 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte05ft | toluene | µg/kg | 6 | 20 | 30 | 0.19 | 0.34 | 0.247 | 0.0622 | 0.12 | 13 | 0.238 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte05ft | tph as diesel | mg/kg | 18 | 20 | 90 | 5.4 | 3700 | 485.4 | 1179 | 4.8 | 4.8 | 1538 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte05ft | tph as gasoline | mg/kg | 10 | 20 | 50 | 0.061 | 170 | 31.81 | 65.33 | 0.049 | 0.056 | 63.82 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte05ft | tph as motor oil | mg/kg | 19 | 20 | 95 | 13 | 9700 | 939.5 | 2365 | 7 | 7 | 3149 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24522 neptune ave | lte05ft | vanadium | mg/kg | 20 | 20 | 100 | 22 | 38.7 | 30.67 | 5.508 | -- | -- | 32.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte05ft | zinc | mg/kg | 20 | 20 | 100 | 28 | 55.2 | 39.98 | 8.526 | -- | -- | 43.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 28 | 39 | 0.14 | 180 | 40 | 59.63 | 0.092 | 0.74 | 29.51 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 22 | 28 | 79 | 0.0017 | 8.2 | 1.425 | 2.464 | 0.0011 | 0.0043 | 2.985 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 28 | 86 | 0.0009 | 13 | 2.104 | 3.732 | 0.0006 | 0.0024 | 4.717 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte10ft | antimony | mg/kg | 15 | 28 | 54 | 0.29 | 1.1 | 0.429 | 0.202 | 0.28 | 0.306 | 0.418 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 neptune ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 2.14 | 19.8 | 7.041 | 4.163 | -- | -- | 8.507 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 neptune ave | lte10ft | bap teq | mg/kg | 26 | 28 | 93 | 0.000543 | 0.402 | 0.0395 | 0.0784 | 0.00053 | 0.00208 | 0.0995 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 neptune ave | lte10ft | benzene | µg/kg | 15 | 28 | 54 | 0.13 | 290 | 28.4 | 75.39 | 0.11 | 13 | 62.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 23 | 28 | 82 | 0.0012 | 0.3 | 0.0424 | 0.0651 | 0.0007 | 0.065 | 0.0859 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 20 | 28 | 71 | 0.0014 | 0.31 | 0.0295 | 0.0678 | 0.0005 | 0.049 | 0.0705 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 28 | 57 | 0.0013 | 0.24 | 0.0259 | 0.0593 | 0.0004 | 0.035 | 0.0541 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte10ft | cadmium | mg/kg | 17 | 28 | 61 | 0.3 | 0.58 | 0.411 | 0.084 | 0.0883 | 0.0883 | 0.396 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte10ft | chrysene | mg/kg | 26 | 28 | 93 | 0.0019 | 1.6 | 0.149 | 0.312 | 0.0012 | 0.0047 | 0.388 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 6.44 | 11.3 | 9.175 | 1.441 | -- | -- | 9.639 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 7.05 | 22.8 | 15.13 | 4.277 | -- | -- | 16.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 8 | 28 | 29 | 0.001 | 0.003 | 0.00191 | 0.00072198 | 0.0007 | 0.067 | 0.00189 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte10ft | ethylbenzene | µg/kg | 11 | 28 | 39 | 0.15 | 3200 | 870.9 | 1043 | 0.12 | 0.77 | 596.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 28 | 29 | 0.0016 | 0.14 | 0.0203 | 0.0484 | 0.0009 | 0.087 | 0.0179 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte10ft | lead | mg/kg | 28 | 28 | 100 | 3.81 | 22 | 7.331 | 4.62 | -- | -- | 8.879 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte10ft | naphthalene | mg/kg | 26 | 28 | 93 | 0.0022 | 5.8 | 0.959 | 1.59 | 0.00026 | 0.00029 | 2.169 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 neptune ave | lte10ft | pyrene | mg/kg | 26 | 28 | 93 | 0.0014 | 1.7 | 0.189 | 0.349 | 0.0008 | 0.0033 | 0.455 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte10ft | toluene | µg/kg | 6 | 28 | 21 | 0.19 | 0.34 | 0.247 | 0.0622 | 0.12 | 15 | 0.239 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte10ft | tph as diesel | mg/kg | 26 | 28 | 93 | 5.4 | 5800 | 1034 | 1680 | 4.8 | 4.8 | 2313 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 neptune ave | lte10ft | tph as gasoline | mg/kg | 18 | 28 | 64 | 0.061 | 670 | 119.1 | 204.7 | 0.049 | 0.056 | 129.9 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 neptune ave | lte10ft | tph as motor oil | mg/kg | 27 | 28 | 96 | 13 | 9700 | 1491 | 2472 | 7 | 7 | 3451 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 neptune ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 22 | 43.4 | 32.52 | 6.013 | -- | -- | 34.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 neptune ave | lte10ft | xylenes, total | µg/kg | 5 | 28 | 18 | 0.26 | 110 | 35.85 | 42.64 | 0.16 | 33 | 14.33 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 neptune ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 28 | 56.8 | 41.2 | 8.253 | -- | -- | 43.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 1.84 | 3.51 | 2.779 | 0.568 | -- | -- | 3.131 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | gt05lte10ft | benzene | µg/kg | 8 | 9 | 89 | 0.15 | 5.8 | 3.144 | 2.149 | 0.12 | 0.12 | 4.213 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 1.58 | 6.61 | 2.666 | 1.533 | -- | -- | 3.69 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 1.75 | 6.94 | 2.982 | 1.546 | -- | -- | 4.014 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24522 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 6 | 9 | 67 | 0.15 | 0.73 | 0.493 | 0.243 | 0.14 | 0.15 | 0.611 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | gt05lte10ft | lead | mg/kg | 8 | 9 | 89 | 0.297 | 3.94 | 1.482 | 1.117 | 0.181 | 0.181 | 2.048 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | gt05lte10ft | pyrene | mg/kg | 5 | 9 | 56 | 0.0012 | 0.039 | 0.0106 | 0.0163 | 0.0008 | 0.0008 | 0.0164 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | gt05lte10ft | toluene | µg/kg | 8 | 9 | 89 | 0.12 | 0.74 | 0.441 | 0.25 | 0.13 | 0.13 | 0.566 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 5.41 | 23.6 | 10.26 | 5.243 | -- | -- | 13.81 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24522 panama ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 7.68 | 22.3 | 11.76 | 4.418 | -- | -- | 14.73 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 18 | 56 | 0.0007 | 0.0076 | 0.00249 | 0.00245 | 0.0006 | 0.012 | 0.00266 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 panama ave | lte02ft | antimony | mg/kg | 12 | 18 | 67 | 0.318 | 0.836 | 0.565 | 0.17 | 0.306 | 0.306 | 0.573 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.53 | 4.75 | 3.535 | 0.863 | -- | -- | 3.889 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte02ft | bap teq | mg/kg | 10 | 18 | 56 | 0.00108 | 0.015 | 0.00498 | 0.00463 | 0.00053 | 0.0103 | 0.00496 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte02ft | benzene | µg/kg | 8 | 18 | 44 | 0.12 | 15 | 2.079 | 5.223 | 0.1 | 0.14 | 4.724 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 18 | 56 | 0.0012 | 0.013 | 0.00397 | 0.00348 | 0.0007 | 0.013 | 0.00402 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 18 | 56 | 0.0007 | 0.011 | 0.00355 | 0.00343 | 0.0005 | 0.0099 | 0.00371 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 18 | 44 | 0.0009 | 0.0083 | 0.00328 | 0.00281 | 0.0004 | 0.007 | 0.00313 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 18 | 28 | 0.0016 | 0.0032 | 0.00216 | 0.0006229 | 0.0011 | 0.023 | 0.00218 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte02ft | chrysene | mg/kg | 10 | 18 | 56 | 0.0025 | 0.031 | 0.00919 | 0.00859 | 0.0012 | 0.024 | 0.00937 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 1.19 | 10.6 | 7.046 | 2.367 | -- | -- | 8.016 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 1.01 | 19.9 | 8.489 | 3.824 | -- | -- | 12.42 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 18 | 28 | 0.0011 | 0.0029 | 0.00174 | 0.00078294 | 0.0007 | 0.013 | 0.00166 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 18 | 28 | 0.0016 | 0.0065 | 0.00324 | 0.00192 | 0.0009 | 0.017 | 0.00316 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 0.527 | 26.6 | 7.001 | 5.521 | -- | -- | 12.67 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte02ft | pyrene | mg/kg | 11 | 18 | 61 | 0.0012 | 0.016 | 0.00627 | 0.00493 | 0.0008 | 0.016 | 0.00649 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte02ft | toluene | µg/kg | 7 | 18 | 39 | 0.17 | 16 | 2.817 | 5.874 | 0.11 | 0.15 | 5.226 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte02ft | tph as motor oil | mg/kg | 6 | 18 | 33 | 7.5 | 940 | 190.6 | 368.9 | 7 | 7 | 164.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 4.69 | 31.4 | 22.78 | 6.14 | -- | -- | 25.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 6.51 | 51.2 | 29.99 | 10.7 | -- | -- | 34.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24522 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 27 | 44 | 0.0006 | 0.0076 | 0.00223 | 0.0023 | 0.0006 | 0.012 | 0.00201 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 panama ave | lte05ft | antimony | mg/kg | 18 | 27 | 67 | 0.318 | 1 | 0.576 | 0.193 | 0.306 | 0.306 | 0.561 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 1.53 | 8.92 | 4.361 | 1.604 | -- | -- | 4.887 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte05ft | bap teq | mg/kg | 13 | 27 | 48 | 0.000565 | 0.015 | 0.00405 | 0.00438 | 0.00053 | 0.0103 | 0.00344 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 panama ave | lte05ft | benzene | µg/kg | 8 | 27 | 30 | 0.12 | 15 | 2.079 | 5.223 | 0.1 | 0.14 | 3.216 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 27 | 48 | 0.0007 | 0.013 | 0.00329 | 0.00329 | 0.0007 | 0.013 | 0.00286 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 12 | 27 | 44 | 0.0007 | 0.011 | 0.00308 | 0.00329 | 0.0005 | 0.0099 | 0.00265 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 9 | 27 | 33 | 0.0005 | 0.0083 | 0.00297 | 0.00278 | 0.0004 | 0.007 | 0.00202 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 27 | 19 | 0.0016 | 0.0032 | 0.00216 | 0.0006229 | 0.0011 | 0.023 | 0.0021 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte05ft | chromium, hexavalent | mg/kg | 9 | 27 | 33 | 0.22 | 0.56 | 0.372 | 0.126 | 0.22 | 0.22 | 0.349 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte05ft | chrysene | mg/kg | 12 | 27 | 44 | 0.0015 | 0.031 | 0.00803 | 0.00824 | 0.0012 | 0.024 | 0.00661 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 1.19 | 10.6 | 7.578 | 2.115 | -- | -- | 8.272 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 1.01 | 19.9 | 8.533 | 3.124 | -- | -- | 9.588 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 27 | 19 | 0.0011 | 0.0029 | 0.00174 | 0.00078294 | 0.0007 | 0.013 | 0.00156 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 27 | 19 | 0.0016 | 0.0065 | 0.00324 | 0.00192 | 0.0009 | 0.017 | 0.00302 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 0.527 | 26.6 | 6.538 | 4.555 | -- | -- | 10.36 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte05ft | naphthalene | mg/kg | 5 | 27 | 19 | 0.001 | 0.0024 | 0.00154 | 0.00066182 | 0.00024 | 0.00033 | 0.00138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte05ft | pyrene | mg/kg | 15 | 27 | 56 | 0.0009 | 0.016 | 0.00555 | 0.00477 | 0.0008 | 0.016 | 0.00499 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte05ft | toluene | µg/kg | 8 | 27 | 30 | 0.17 | 16 | 2.493 | 5.515 | 0.11 | 0.15 | 3.55 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte05ft | tph as motor oil | mg/kg | 6 | 27 | 22 | 7.5 | 940 | 190.6 | 368.9 | 7 | 7 | 111.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 4.69 | 40.6 | 26.24 | 7.294 | -- | -- | 28.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 6.51 | 51.2 | 31.16 | 9.011 | -- | -- | 34.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 5 | 36 | 14 | 0.0012 | 0.015 | 0.00506 | 0.00578 | 0.0011 | 0.021 | 0.00251 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 13 | 36 | 36 | 0.0006 | 0.02 | 0.00359 | 0.0054 | 0.0006 | 0.012 | 0.00301 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 panama ave | lte10ft | antimony | mg/kg | 19 | 36 | 53 | 0.318 | 1 | 0.578 | 0.188 | 0.306 | 0.306 | 0.52 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 1.53 | 8.92 | 3.965 | 1.571 | -- | -- | 4.422 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte10ft | bap teq | mg/kg | 13 | 36 | 36 | 0.000565 | 0.015 | 0.00405 | 0.00438 | 0.00053 | 0.0103 | 0.00274 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 panama ave | lte10ft | benzene | µg/kg | 16 | 36 | 44 | 0.12 | 15 | 2.611 | 3.897 | 0.1 | 0.14 | 3.331 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 13 | 36 | 36 | 0.0007 | 0.013 | 0.00329 | 0.00329 | 0.0007 | 0.013 | 0.00232 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 12 | 36 | 33 | 0.0007 | 0.011 | 0.00308 | 0.00329 | 0.0005 | 0.0099 | 0.00217 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 36 | 25 | 0.0005 | 0.0083 | 0.00297 | 0.00278 | 0.0004 | 0.007 | 0.00164 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 36 | 14 | 0.0016 | 0.0032 | 0.00216 | 0.0006229 | 0.0011 | 0.023 | 0.00208 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte10ft | chromium, hexavalent | mg/kg | 12 | 36 | 33 | 0.22 | 0.56 | 0.347 | 0.122 | 0.22 | 0.22 | 0.292 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte10ft | chrysene | mg/kg | 12 | 36 | 33 | 0.0015 | 0.031 | 0.00803 | 0.00824 | 0.0012 | 0.024 | 0.00534 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 1.19 | 10.6 | 6.35 | 2.918 | -- | -- | 8.469 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 1.01 | 19.9 | 7.145 | 3.706 | -- | -- | 9.838 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 36 | 14 | 0.0011 | 0.0029 | 0.00174 | 0.00078294 | 0.0007 | 0.013 | 0.00144 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte10ft | ethylbenzene | µg/kg | 7 | 36 | 19 | 0.15 | 2.9 | 0.837 | 0.936 | 0.11 | 0.16 | 0.426 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 36 | 14 | 0.0016 | 0.0065 | 0.00324 | 0.00192 | 0.0009 | 0.017 | 0.00286 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte10ft | lead | mg/kg | 35 | 36 | 97 | 0.297 | 26.6 | 5.383 | 4.557 | 0.181 | 0.181 | 8.563 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte10ft | naphthalene | mg/kg | 7 | 36 | 19 | 0.001 | 0.0034 | 0.00193 | 0.00090317 | 0.00024 | 0.00034 | 0.0021 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte10ft | pyrene | mg/kg | 20 | 36 | 56 | 0.0009 | 0.039 | 0.00682 | 0.00882 | 0.0008 | 0.016 | 0.00651 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 panama ave | lte10ft | toluene | µg/kg | 16 | 36 | 44 | 0.12 | 16 | 1.467 | 3.917 | 0.11 | 0.15 | 1.671 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 panama ave | lte10ft | tph as motor oil | mg/kg | 8 | 36 | 22 | 7.5 | 940 | 147.4 | 321.9 | 7 | 7 | 157.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 panama ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 4.69 | 40.6 | 22.24 | 9.749 | -- | -- | 24.99 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 panama ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 6.51 | 51.2 | 26.31 | 11.72 | -- | -- | 29.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 10 | 100 | 0.11 | 4100 | 606.1 | 1280 | -- | -- | 3958 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.39 | 12 | 4.254 | 4.251 | 0.0011 | 0.0011 | 5.45 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.39 | 18 | 5.456 | 6.316 | 0.0006 | 0.0006 | 7.496 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 1.73 | 5.6 | 3.494 | 1.281 | -- | -- | 4.237 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | bap teq | mg/kg | 5 | 10 | 50 | 0.00406 | 0.212 | 0.054 | 0.0891 | 0.00053 | 0.103 | 0.0702 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | benzene | µg/kg | 10 | 10 | 100 | 0.54 | 320 | 60.37 | 98.6 | -- | -- | 214.9 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | chrysene | mg/kg | 5 | 10 | 50 | 0.0023 | 0.65 | 0.18 | 0.27 | 0.0012 | 0.22 | 0.22 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 1.56 | 8.25 | 5.526 | 2.367 | -- | -- | 6.898 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 2.01 | 15.2 | 8.578 | 4.158 | -- | -- | 10.99 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 9 | 10 | 90 | 0.51 | 3000 | 580.4 | 935.8 | 0.13 | 0.13 | 1772 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | lead | mg/kg | 9 | 10 | 90 | 0.785 | 5.4 | 3.516 | 1.575 | 0.181 | 0.181 | 4.245 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 9 | 10 | 90 | 0.0015 | 7 | 2.163 | 2.422 | 0.00032 | 0.00032 | 3.337 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | pyrene | mg/kg | 6 | 10 | 60 | 0.0025 | 1.2 | 0.236 | 0.475 | 0.0008 | 0.16 | 0.397 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24522 ravenna ave | gt05lte10ft | toluene | µg/kg | 7 | 10 | 70 | 0.18 | 21 | 8.663 | 10.33 | 12 | 12 | 19.37 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 10 | 80 | 16 | 8800 | 2783 | 3467 | 4.8 | 4.8 | 6805 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 10 | 70 | 240 | 790 | 484.3 | 175.3 | 0.052 | 0.061 | 532 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 10 | 80 | 28 | 8400 | 2584 | 3193 | 7 | 7 | 6288 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 6.93 | 30.7 | 21.37 | 8.63 | -- | -- | 26.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 8 | 10 | 80 | 0.23 | 910 | 167.8 | 305.8 | 0.16 | 0.2 | 524 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 8.08 | 32.1 | 22.72 | 8.471 | -- | -- | 27.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 16 | 81 | 0.11 | 1 | 0.412 | 0.326 | 0.09 | 0.093 | 0.489 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 16 | 44 | 0.0011 | 0.011 | 0.00579 | 0.00346 | 0.0021 | 0.043 | 0.00599 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 16 | 88 | 0.0028 | 0.048 | 0.0145 | 0.014 | 0.003 | 0.006 | 0.0195 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 0.867 | 4.37 | 1.967 | 1.014 | -- | -- | 2.411 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00274 | 0.058 | 0.0248 | 0.0171 | -- | -- | 0.0349 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | benzene | µg/kg | 16 | 16 | 100 | 0.13 | 0.61 | 0.256 | 0.14 | -- | -- | 0.319 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0027 | 0.082 | 0.021 | 0.0204 | -- | -- | 0.0311 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.002 | 0.038 | 0.0187 | 0.0121 | -- | -- | 0.0261 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 16 | 88 | 0.0014 | 0.025 | 0.0105 | 0.0078 | 0.0018 | 0.0035 | 0.013 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 10 | 16 | 63 | 0.0014 | 0.021 | 0.00691 | 0.00633 | 0.0011 | 0.045 | 0.00805 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | cadmium | mg/kg | 5 | 16 | 31 | 0.103 | 0.282 | 0.152 | 0.0742 | 0.0883 | 0.0883 | 0.149 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 ravenna ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0065 | 0.22 | 0.0545 | 0.0546 | -- | -- | 0.0905 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24522 ravenna ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.64 | 10.5 | 8.204 | 1.145 | -- | -- | 8.706 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.76 | 23.4 | 11.22 | 3.711 | -- | -- | 12.78 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 16 | 44 | 0.0014 | 0.011 | 0.00401 | 0.00323 | 0.0007 | 0.027 | 0.00395 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 16 | 75 | 0.0009 | 0.017 | 0.00757 | 0.0054 | 0.0009 | 0.035 | 0.00893 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 5.31 | 16.9 | 8.364 | 2.779 | -- | -- | 9.564 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | naphthalene | mg/kg | 13 | 16 | 81 | 0.00066 | 0.021 | 0.0061 | 0.00521 | 0.00024 | 0.00029 | 0.00777 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0072 | 0.13 | 0.0387 | 0.034 | -- | -- | 0.057 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte02ft | toluene | µg/kg | 10 | 16 | 63 | 0.13 | 0.53 | 0.26 | 0.131 | 0.11 | 0.14 | 0.268 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte02ft | tph as diesel | mg/kg | 15 | 16 | 94 | 6.7 | 270 | 75.31 | 77.66 | 4.8 | 4.8 | 155.1 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 ravenna ave | lte02ft | tph as motor oil | mg/kg | 15 | 16 | 94 | 15 | 680 | 181.7 | 192.4 | 7 | 7 | 379.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 22.7 | 36.7 | 28.6 | 3.515 | -- | -- | 30.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte02ft | xylenes, total | µg/kg | 7 | 16 | 44 | 0.17 | 0.5 | 0.294 | 0.137 | 0.15 | 0.19 | 0.284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 25 | 52.4 | 32.6 | 6.529 | -- | -- | 35.45 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 25 | 76 | 0.11 | 4700 | 255.2 | 1077 | 0.087 | 0.098 | 1018 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 25 | 56 | 0.0011 | 12 | 1.663 | 3.592 | 0.0011 | 0.043 | 3.391 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 25 | 80 | 0.0028 | 19 | 1.746 | 4.81 | 0.0006 | 0.006 | 5.199 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 0.867 | 13.7 | 3.302 | 2.859 | -- | -- | 4.288 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | bap teq | mg/kg | 23 | 25 | 92 | 0.00218 | 0.201 | 0.0329 | 0.0437 | 0.00053 | 0.00053 | 0.0677 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | benzene | µg/kg | 25 | 25 | 100 | 0.13 | 990 | 68.83 | 239.8 | -- | -- | 277.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 20 | 25 | 80 | 0.0017 | 0.082 | 0.0208 | 0.0206 | 0.0007 | 0.22 | 0.0265 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 25 | 80 | 0.0016 | 0.038 | 0.0165 | 0.012 | 0.0005 | 0.2 | 0.0189 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 25 | 72 | 0.0014 | 0.025 | 0.0101 | 0.00795 | 0.0004 | 0.14 | 0.0109 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 11 | 25 | 44 | 0.0014 | 0.021 | 0.00652 | 0.00615 | 0.0011 | 0.26 | 0.00636 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | cadmium | mg/kg | 7 | 25 | 28 | 0.103 | 0.282 | 0.144 | 0.0628 | 0.0883 | 0.0883 | 0.133 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte05ft | chrysene | mg/kg | 23 | 25 | 92 | 0.0015 | 0.69 | 0.0891 | 0.147 | 0.0012 | 0.0012 | 0.207 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 ravenna ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 5.96 | 14 | 8.588 | 1.757 | -- | -- | 9.192 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 7.76 | 23.4 | 12.98 | 4.255 | -- | -- | 14.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 7 | 25 | 28 | 0.0014 | 0.011 | 0.00401 | 0.00323 | 0.0007 | 0.27 | 0.00321 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | ethylbenzene | µg/kg | 8 | 25 | 32 | 0.15 | 6200 | 1483 | 2731 | 0.12 | 0.15 | 1968 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 25 | 56 | 0.0009 | 0.017 | 0.00701 | 0.00518 | 0.0009 | 0.35 | 0.00706 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 4.39 | 16.9 | 7.445 | 2.623 | -- | -- | 8.315 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte05ft | naphthalene | mg/kg | 21 | 25 | 84 | 0.00066 | 7.8 | 0.786 | 2.22 | 0.00024 | 0.00029 | 2.453 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte05ft | pyrene | mg/kg | 24 | 25 | 96 | 0.0015 | 1.2 | 0.101 | 0.25 | 0.0008 | 0.0008 | 0.311 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 ravenna ave | lte05ft | toluene | µg/kg | 16 | 25 | 64 | 0.13 | 20 | 1.459 | 4.946 | 0.11 | 24 | 4.655 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte05ft | tph as diesel | mg/kg | 23 | 25 | 92 | 6.7 | 6000 | 741.2 | 1667 | 4.8 | 4.8 | 2088 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte05ft | tph as gasoline | mg/kg | 11 | 25 | 44 | 0.049 | 2200 | 367.5 | 770.4 | 0.045 | 0.069 | 348.4 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 ravenna ave | lte05ft | tph as motor oil | mg/kg | 23 | 25 | 92 | 15 | 5900 | 800.8 | 1592 | 7 | 7 | 2083 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 ravenna ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 22.7 | 38 | 29.78 | 4.113 | -- | -- | 31.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte05ft | xylenes, total | µg/kg | 11 | 25 | 44 | 0.17 | 770 | 70.46 | 232 | 0.15 | 17 | 169 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 25 | 52.4 | 33.98 | 6.393 | -- | -- | 36.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24522 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 29 | 35 | 83 | 0.11 | 4700 | 376.2 | 1140 | 0.087 | 0.098 | 1084 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 21 | 35 | 60 | 0.0011 | 12 | 2.527 | 3.921 | 0.0011 | 0.043 | 2.445 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 27 | 35 | 77 | 0.0028 | 19 | 2.708 | 5.372 | 0.0006 | 0.006 | 5.669 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte10ft | arsenic | mg/kg | 35 | 35 | 100 | 0.867 | 13.7 | 3.357 | 2.492 | -- | -- | 4.061 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte10ft | bap teq | mg/kg | 28 | 35 | 80 | 0.00218 | 0.212 | 0.0367 | 0.0529 | 0.00053 | 0.103 | 0.0669 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24522 ravenna ave | lte10ft | benzene | µg/kg | 35 | 35 | 100 | 0.13 | 990 | 66.41 | 207.8 | -- | -- | 219.5 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 22 | 35 | 63 | 0.0015 | 0.082 | 0.0218 | 0.0219 | 0.0007 | 0.26 | 0.023 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 35 | 60 | 0.0016 | 0.038 | 0.0159 | 0.0121 | 0.0005 | 0.2 | 0.0158 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 19 | 35 | 54 | 0.0014 | 0.025 | 0.00964 | 0.00794 | 0.0004 | 0.14 | 0.00911 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 35 | 34 | 0.0014 | 0.021 | 0.00611 | 0.00603 | 0.0011 | 0.45 | 0.00561 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte10ft | cadmium | mg/kg | 8 | 35 | 23 | 0.0953 | 0.282 | 0.138 | 0.0606 | 0.0883 | 0.0883 | 0.121 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte10ft | chrysene | mg/kg | 28 | 35 | 80 | 0.0015 | 0.69 | 0.105 | 0.172 | 0.0012 | 0.22 | 0.204 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 ravenna ave | lte10ft | cobalt | mg/kg | 35 | 35 | 100 | 1.56 | 14 | 7.713 | 2.373 | -- | -- | 8.391 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte10ft | copper | mg/kg | 35 | 35 | 100 | 2.01 | 23.4 | 11.72 | 4.629 | -- | -- | 13.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 35 | 20 | 0.0014 | 0.011 | 0.00401 | 0.00323 | 0.0007 | 0.27 | 0.00294 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte10ft | ethylbenzene | µg/kg | 17 | 35 | 49 | 0.15 | 6200 | 1005 | 1979 | 0.12 | 0.15 | 909.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 35 | 43 | 0.0009 | 0.017 | 0.00667 | 0.00515 | 0.0009 | 0.35 | 0.00639 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24522 ravenna ave | lte10ft | lead | mg/kg | 34 | 35 | 97 | 0.785 | 16.9 | 6.405 | 2.949 | 0.181 | 0.181 | 7.152 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte10ft | naphthalene | mg/kg | 30 | 35 | 86 | 0.00066 | 7.8 | 1.199 | 2.33 | 0.00024 | 0.00032 | 2.648 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte10ft | pyrene | mg/kg | 30 | 35 | 86 | 0.0015 | 1.2 | 0.128 | 0.302 | 0.0008 | 0.16 | 0.32 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24522 ravenna ave | lte10ft | toluene | µg/kg | 23 | 35 | 66 | 0.13 | 21 | 3.651 | 7.568 | 0.11 | 24 | 7.339 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte10ft | tph as diesel | mg/kg | 31 | 35 | 89 | 6.7 | 8800 | 1268 | 2381 | 4.8 | 4.8 | 2802 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte10ft | tph as gasoline | mg/kg | 18 | 35 | 51 | 0.049 | 2200 | 412.9 | 602.8 | 0.045 | 0.069 | 360.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24522 ravenna ave | lte10ft | tph as motor oil | mg/kg | 31 | 35 | 89 | 15 | 8400 | 1261 | 2206 | 7 | 7 | 2677 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte10ft | vanadium | mg/kg | 35 | 35 | 100 | 6.93 | 38 | 27.38 | 6.82 | -- | -- | 29.33 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte10ft | xylenes, total | µg/kg | 19 | 35 | 54 | 0.17 | 910 | 111.4 | 262.1 | 0.15 | 17 | 208.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24522 ravenna ave | lte10ft | zinc | mg/kg | 35 | 35 | 100 | 8.08 | 52.4 | 30.76 | 8.63 | -- | -- | 33.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0006 | 0.017 | 0.00522 | 0.0063 | 0.0006 | 0.0006 | 0.00556 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | antimony | mg/kg | 9 | 12 | 75 | 0.308 | 0.937 | 0.608 | 0.254 | 0.306 | 0.306 | 0.667 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 1.55 | 7.51 | 4.666 | 1.867 | -- | -- | 5.633 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | bap teq | mg/kg | 6 | 12 | 50 | 0.000986 | 0.0131 | 0.00417 | 0.00448 | 0.00053 | 0.00053 | 0.00445 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 12 | 50 | 0.0008 | 0.014 | 0.00362 | 0.00512 | 0.0007 | 0.0007 | 0.00454 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 12 | 50 | 0.0006 | 0.0096 | 0.00307 | 0.00331 | 0.0005 | 0.0005 | 0.00323 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0006 | 0.0049 | 0.00205 | 0.00151 | 0.0004 | 0.0004 | 0.00228 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | chrysene | mg/kg | 6 | 12 | 50 | 0.0015 | 0.041 | 0.0086 | 0.0159 | 0.0012 | 0.0012 | 0.0121 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 6.26 | 15.7 | 9.725 | 2.778 | -- | -- | 11.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 14.2 | 26.1 | 18.4 | 3.76 | -- | -- | 20.44 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 4.89 | 10.8 | 7.424 | 1.624 | -- | -- | 8.266 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | naphthalene | mg/kg | 7 | 12 | 58 | 0.001 | 0.012 | 0.00393 | 0.00399 | 0.00027 | 0.00028 | 0.0045 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | pyrene | mg/kg | 7 | 12 | 58 | 0.0008 | 0.019 | 0.005 | 0.00628 | 0.0008 | 0.0008 | 0.00717 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | tetrachloroethene | µg/kg | 7 | 12 | 58 | 0.2 | 7.3 | 1.63 | 2.599 | 0.14 | 0.15 | 2.198 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 27 | 50.1 | 38.82 | 5.852 | -- | -- | 41.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 31.2 | 47 | 40.42 | 4.751 | -- | -- | 42.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 22 | 27 | 0.0011 | 0.029 | 0.0131 | 0.0124 | 0.0011 | 0.021 | 0.0103 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 22 | 68 | 0.0011 | 0.059 | 0.0138 | 0.0157 | 0.0006 | 0.003 | 0.0156 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte02ft | antimony | mg/kg | 12 | 22 | 55 | 0.423 | 1.25 | 0.746 | 0.248 | 0.306 | 0.306 | 0.717 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte02ft | arsenic | mg/kg | 22 | 22 | 100 | 4.03 | 7.89 | 5.656 | 1.01 | -- | -- | 6.027 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte02ft | bap teq | mg/kg | 22 | 22 | 100 | 0.00102 | 0.785 | 0.0464 | 0.165 | -- | -- | 0.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte02ft | benzene | µg/kg | 18 | 23 | 78 | 0.14 | 0.58 | 0.289 | 0.141 | 0.11 | 0.13 | 0.307 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 18 | 22 | 82 | 0.0022 | 0.75 | 0.0509 | 0.175 | 0.0007 | 0.013 | 0.19 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 21 | 22 | 95 | 0.0007 | 0.56 | 0.0351 | 0.12 | 0.001 | 0.001 | 0.143 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 20 | 22 | 91 | 0.0006 | 0.35 | 0.0227 | 0.0772 | 0.0018 | 0.007 | 0.0895 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 22 | 41 | 0.0015 | 0.58 | 0.0688 | 0.192 | 0.0011 | 0.023 | 0.148 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte02ft | cadmium | mg/kg | 11 | 22 | 50 | 0.0916 | 0.63 | 0.303 | 0.17 | 0.0883 | 0.0883 | 0.279 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte02ft | chrysene | mg/kg | 21 | 22 | 95 | 0.0031 | 0.92 | 0.0626 | 0.197 | 0.0012 | 0.0012 | 0.239 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte02ft | cobalt | mg/kg | 22 | 22 | 100 | 7.86 | 12.9 | 11.23 | 1.255 | -- | -- | 11.73 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24523 marbella ave | lte02ft | copper | mg/kg | 22 | 22 | 100 | 14.4 | 31.6 | 24.2 | 4.771 | -- | -- | 25.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 22 | 41 | 0.0013 | 0.2 | 0.0259 | 0.0653 | 0.0009 | 0.017 | 0.0304 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte02ft | lead | mg/kg | 22 | 22 | 100 | 5.67 | 148 | 20.03 | 30.24 | -- | -- | 48.14 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24523 marbella ave | lte02ft | naphthalene | mg/kg | 9 | 23 | 39 | 0.00038 | 0.045 | 0.0131 | 0.0154 | 0.00026 | 0.00034 | 0.0101 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte02ft | pyrene | mg/kg | 21 | 22 | 95 | 0.0019 | 1.9 | 0.105 | 0.411 | 0.016 | 0.016 | 0.475 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte02ft | toluene | µg/kg | 11 | 23 | 48 | 0.14 | 0.5 | 0.266 | 0.133 | 0.12 | 0.14 | 0.243 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte02ft | tph as diesel | mg/kg | 14 | 22 | 64 | 5 | 130 | 34.29 | 33.51 | 4.8 | 4.8 | 35.08 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte02ft | tph as motor oil | mg/kg | 15 | 22 | 68 | 15 | 290 | 86.4 | 72.98 | 7 | 7 | 91.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte02ft | vanadium | mg/kg | 22 | 22 | 100 | 26.1 | 44.5 | 39.19 | 4.659 | -- | -- | 41.07 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24523 marbella ave | lte02ft | zinc | mg/kg | 22 | 22 | 100 | 33.9 | 106 | 58.86 | 17.65 | -- | -- | 65.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 33 | 27 | 0.0011 | 0.07 | 0.0169 | 0.0227 | 0.0011 | 0.021 | 0.00961 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 33 | 64 | 0.0008 | 0.2 | 0.0198 | 0.0436 | 0.0006 | 0.003 | 0.0403 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 marbella ave | lte05ft | antimony | mg/kg | 18 | 33 | 55 | 0.423 | 1.25 | 0.729 | 0.239 | 0.306 | 0.306 | 0.659 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte05ft | arsenic | mg/kg | 33 | 33 | 100 | 3.76 | 12 | 6.127 | 1.713 | -- | -- | 6.629 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte05ft | bap teq | mg/kg | 30 | 33 | 91 | 0.000595 | 0.785 | 0.0536 | 0.173 | 0.00053 | 0.00053 | 0.174 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | benzene | µg/kg | 21 | 34 | 62 | 0.14 | 0.58 | 0.289 | 0.135 | 0.11 | 0.13 | 0.273 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 33 | 76 | 0.0009 | 0.75 | 0.0617 | 0.189 | 0.0007 | 0.013 | 0.173 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 28 | 33 | 85 | 0.0005 | 0.56 | 0.0416 | 0.128 | 0.0005 | 0.001 | 0.126 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 24 | 33 | 73 | 0.0006 | 0.35 | 0.0287 | 0.0825 | 0.0004 | 0.007 | 0.0753 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 11 | 33 | 33 | 0.0015 | 0.58 | 0.0665 | 0.173 | 0.0011 | 0.023 | 0.103 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | cadmium | mg/kg | 12 | 33 | 36 | 0.0916 | 0.63 | 0.292 | 0.166 | 0.0883 | 0.0883 | 0.235 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte05ft | chrysene | mg/kg | 27 | 33 | 82 | 0.0015 | 1.8 | 0.116 | 0.379 | 0.0012 | 0.0012 | 0.357 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | cobalt | mg/kg | 33 | 33 | 100 | 5.02 | 12.9 | 10.61 | 1.881 | -- | -- | 11.16 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | copper | mg/kg | 33 | 33 | 100 | 7.27 | 31.6 | 22.31 | 5.267 | -- | -- | 23.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 33 | 18 | 0.0007 | 0.081 | 0.0276 | 0.0399 | 0.0007 | 0.013 | 0.0116 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24523 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 33 | 33 | 0.0013 | 0.2 | 0.035 | 0.0702 | 0.0009 | 0.017 | 0.0458 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | lead | mg/kg | 33 | 33 | 100 | 3.44 | 148 | 17.46 | 27.17 | -- | -- | 38.07 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | naphthalene | mg/kg | 18 | 34 | 53 | 0.00038 | 0.08 | 0.0121 | 0.0207 | 0.00026 | 0.00034 | 0.0187 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 marbella ave | lte05ft | pyrene | mg/kg | 30 | 33 | 91 | 0.0017 | 1.9 | 0.116 | 0.401 | 0.0008 | 0.016 | 0.396 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | tetrachloroethene | µg/kg | 7 | 34 | 21 | 0.14 | 5.1 | 1.577 | 1.79 | 0.13 | 0.18 | 0.955 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte05ft | toluene | µg/kg | 13 | 34 | 38 | 0.13 | 0.5 | 0.258 | 0.128 | 0.12 | 0.14 | 0.213 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte05ft | tph as diesel | mg/kg | 15 | 33 | 45 | 5 | 2600 | 205.3 | 663.2 | 4.8 | 4.8 | 444.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | tph as motor oil | mg/kg | 16 | 33 | 48 | 15 | 5400 | 418.5 | 1330 | 7 | 7 | 551.8 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte05ft | vanadium | mg/kg | 33 | 33 | 100 | 22.7 | 49.9 | 38.38 | 5.784 | -- | -- | 40.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte05ft | zinc | mg/kg | 33 | 33 | 100 | 21 | 106 | 53.23 | 17.82 | -- | -- | 58.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 45 | 27 | 0.0011 | 0.07 | 0.0146 | 0.02 | 0.0011 | 0.021 | 0.0078 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 27 | 45 | 60 | 0.0006 | 0.2 | 0.0166 | 0.0389 | 0.0006 | 0.003 | 0.0304 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 marbella ave | lte10ft | antimony | mg/kg | 27 | 45 | 60 | 0.308 | 1.25 | 0.688 | 0.246 | 0.306 | 0.306 | 0.615 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte10ft | arsenic | mg/kg | 45 | 45 | 100 | 1.55 | 12 | 5.737 | 1.852 | -- | -- | 6.201 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte10ft | bap teq | mg/kg | 36 | 45 | 80 | 0.000595 | 0.785 | 0.0454 | 0.158 | 0.00053 | 0.00053 | 0.129 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | benzene | µg/kg | 22 | 46 | 48 | 0.14 | 0.58 | 0.283 | 0.134 | 0.099 | 0.13 | 0.238 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 31 | 45 | 69 | 0.0008 | 0.75 | 0.0505 | 0.17 | 0.0007 | 0.013 | 0.128 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 34 | 45 | 76 | 0.0005 | 0.56 | 0.0348 | 0.117 | 0.0005 | 0.001 | 0.0932 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 30 | 45 | 67 | 0.0006 | 0.35 | 0.0234 | 0.0743 | 0.0004 | 0.007 | 0.0558 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 45 | 33 | 0.0014 | 0.58 | 0.0492 | 0.149 | 0.0011 | 0.023 | 0.0755 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | cadmium | mg/kg | 14 | 45 | 31 | 0.0916 | 0.63 | 0.266 | 0.166 | 0.0883 | 0.0883 | 0.193 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte10ft | chrysene | mg/kg | 33 | 45 | 73 | 0.0015 | 1.8 | 0.0962 | 0.344 | 0.0012 | 0.0012 | 0.265 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | cobalt | mg/kg | 45 | 45 | 100 | 5.02 | 15.7 | 10.37 | 2.158 | -- | -- | 10.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte10ft | copper | mg/kg | 45 | 45 | 100 | 7.27 | 31.6 | 21.26 | 5.173 | -- | -- | 22.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 45 | 16 | 0.0007 | 0.081 | 0.024 | 0.0376 | 0.0007 | 0.013 | 0.0157 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 45 | 29 | 0.0012 | 0.2 | 0.0298 | 0.0653 | 0.0009 | 0.017 | 0.0339 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | lead | mg/kg | 45 | 45 | 100 | 3.44 | 148 | 14.78 | 23.61 | -- | -- | 30.13 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | naphthalene | mg/kg | 25 | 46 | 54 | 0.00038 | 0.08 | 0.00984 | 0.0179 | 0.00026 | 0.00034 | 0.0146 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 marbella ave | lte10ft | pyrene | mg/kg | 37 | 45 | 82 | 0.0008 | 1.9 | 0.0948 | 0.362 | 0.0008 | 0.016 | 0.293 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | tetrachloroethene | µg/kg | 14 | 46 | 30 | 0.14 | 7.3 | 1.604 | 2.144 | 0.13 | 0.18 | 0.926 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 marbella ave | lte10ft | toluene | µg/kg | 17 | 46 | 37 | 0.12 | 0.5 | 0.232 | 0.122 | 0.12 | 0.14 | 0.19 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | tph as diesel | mg/kg | 17 | 45 | 38 | 5 | 2600 | 183.1 | 623.6 | 4.8 | 4.8 | 192 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | tph as motor oil | mg/kg | 18 | 45 | 40 | 15 | 5400 | 375.6 | 1256 | 7 | 7 | 408 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 marbella ave | lte10ft | vanadium | mg/kg | 45 | 45 | 100 | 22.7 | 50.1 | 38.5 | 5.738 | -- | -- | 39.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 marbella ave | lte10ft | zinc | mg/kg | 45 | 45 | 100 | 21 | 106 | 49.81 | 16.41 | -- | -- | 54.01 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 10 | 50 | 0.22 | 32000 | 9762 | 14179 | 0.094 | 10 | 11498 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 9 | 10 | 90 | 0.0088 | 21 | 6.734 | 7.994 | 0.011 | 0.011 | 16.92 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24523 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.017 | 33 | 9.394 | 12.32 | -- | -- | 33 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 4.99 | 21.9 | 10.87 | 5.246 | -- | -- | 13.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.00392 | 0.293 | 0.082 | 0.0984 | -- | -- | 0.201 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | benzene | µg/kg | 6 | 10 | 60 | 0.13 | 14000 | 3088 | 5624 | 0.11 | 12 | 4231 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 10 | 70 | 0.011 | 0.2 | 0.0581 | 0.0689 | 0.13 | 0.26 | 0.0916 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | chrysene | mg/kg | 9 | 10 | 90 | 0.039 | 0.69 | 0.265 | 0.28 | 0.22 | 0.22 | 0.623 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 7.82 | 11.9 | 9.855 | 1.143 | -- | -- | 10.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 13.6 | 27.3 | 17.99 | 3.955 | -- | -- | 20.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 10 | 80 | 66 | 16000 | 4530 | 5657 | 0.12 | 0.14 | 6772 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 4.75 | 9.86 | 6.538 | 1.59 | -- | -- | 7.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.0096 | 14 | 4.938 | 4.783 | -- | -- | 7.711 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | pyrene | mg/kg | 9 | 10 | 90 | 0.036 | 1.9 | 0.499 | 0.657 | 0.16 | 0.16 | 1.336 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 57 | 13000 | 4956 | 4883 | -- | -- | 7786 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 9 | 10 | 90 | 0.18 | 3900 | 1049 | 1299 | 0.056 | 0.056 | 2704 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 95 | 11000 | 4585 | 4561 | -- | -- | 11000 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 29.6 | 53.7 | 39.69 | 6.938 | -- | -- | 43.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 10 | 60 | 0.3 | 62000 | 12862 | 24805 | 0.16 | 17 | 20104 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 34.4 | 46.3 | 40.79 | 3.945 | -- | -- | 43.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 16 | 50 | 0.18 | 0.93 | 0.384 | 0.273 | 0.09 | 0.14 | 0.379 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 16 | 75 | 0.0012 | 0.033 | 0.0155 | 0.0117 | 0.003 | 0.024 | 0.0179 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 4.51 | 11.8 | 7.116 | 2.312 | -- | -- | 8.129 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00262 | 0.0821 | 0.0326 | 0.0254 | -- | -- | 0.0437 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | benzene | µg/kg | 12 | 16 | 75 | 0.12 | 0.5 | 0.243 | 0.103 | 0.1 | 0.13 | 0.264 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0026 | 0.096 | 0.0374 | 0.0304 | -- | -- | 0.0507 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0018 | 0.061 | 0.0243 | 0.0195 | 0.02 | 0.02 | 0.0318 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 16 | 69 | 0.0011 | 0.039 | 0.0136 | 0.0111 | 0.0018 | 0.014 | 0.0151 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0056 | 0.25 | 0.0944 | 0.0785 | -- | -- | 0.129 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 7.09 | 13.6 | 9.345 | 1.823 | -- | -- | 10.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 9.12 | 27.4 | 16.38 | 5.62 | -- | -- | 18.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.82 | 21.6 | 11.59 | 5.387 | -- | -- | 13.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | naphthalene | mg/kg | 6 | 16 | 38 | 0.0011 | 0.019 | 0.00962 | 0.0074 | 0.00025 | 0.00038 | 0.00968 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0033 | 0.11 | 0.0554 | 0.0438 | -- | -- | 0.0894 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte02ft | toluene | µg/kg | 11 | 16 | 69 | 0.14 | 0.58 | 0.269 | 0.127 | 0.12 | 0.18 | 0.284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte02ft | tph as diesel | mg/kg | 15 | 16 | 94 | 17 | 790 | 179.1 | 215.1 | 4.8 | 4.8 | 400.2 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24523 neptune ave | lte02ft | tph as motor oil | mg/kg | 15 | 16 | 94 | 55 | 1700 | 453 | 459.2 | 7 | 7 | 924.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 27.5 | 52.3 | 36.06 | 6.824 | -- | -- | 39.11 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24523 neptune ave | lte02ft | xylenes, total | µg/kg | 9 | 16 | 56 | 0.2 | 0.73 | 0.351 | 0.161 | 0.16 | 0.24 | 0.363 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 30.3 | 86.1 | 52.23 | 18.58 | -- | -- | 60.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 27 | 56 | 0.18 | 39000 | 2788 | 10030 | 0.089 | 9.7 | 7935 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 27 | 37 | 0.0043 | 22 | 5.625 | 8.929 | 0.0011 | 0.043 | 4.102 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 27 | 78 | 0.0012 | 33 | 4.081 | 9.906 | 0.003 | 0.024 | 10.65 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 2.25 | 19.2 | 6.846 | 3.561 | -- | -- | 8.063 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte05ft | bap teq | mg/kg | 26 | 27 | 96 | 0.00168 | 0.507 | 0.0592 | 0.102 | 0.00053 | 0.00053 | 0.141 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte05ft | benzene | µg/kg | 18 | 27 | 67 | 0.12 | 12000 | 795.8 | 2844 | 0.1 | 11 | 2505 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 26 | 27 | 96 | 0.0026 | 0.56 | 0.0889 | 0.147 | 0.0007 | 0.0007 | 0.208 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24523 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 27 | 74 | 0.0018 | 0.38 | 0.0479 | 0.0838 | 0.0005 | 0.099 | 0.0998 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 27 | 52 | 0.0011 | 0.065 | 0.0192 | 0.0197 | 0.0004 | 0.07 | 0.0177 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte05ft | chrysene | mg/kg | 26 | 27 | 96 | 0.0056 | 2.5 | 0.267 | 0.543 | 0.0012 | 0.0012 | 0.706 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24523 neptune ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 7.09 | 13.6 | 9.394 | 1.821 | -- | -- | 10 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 8.26 | 27.4 | 14.96 | 5.576 | -- | -- | 16.92 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte05ft | ethylbenzene | µg/kg | 9 | 27 | 33 | 0.15 | 16000 | 2784 | 5363 | 0.12 | 13 | 3776 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 27 | 19 | 0.0014 | 0.029 | 0.014 | 0.0119 | 0.0009 | 0.17 | 0.018 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 4.79 | 21.6 | 9.796 | 4.952 | -- | -- | 11.45 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte05ft | naphthalene | mg/kg | 16 | 27 | 59 | 0.00081 | 14 | 2.052 | 4.431 | 0.00025 | 0.00038 | 4.208 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 neptune ave | lte05ft | pyrene | mg/kg | 27 | 27 | 100 | 0.0024 | 5.5 | 0.444 | 1.176 | -- | -- | 1.43 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 neptune ave | lte05ft | toluene | µg/kg | 15 | 27 | 56 | 0.14 | 150 | 10.25 | 38.66 | 0.11 | 13 | 30.33 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte05ft | tph as diesel | mg/kg | 25 | 27 | 93 | 17 | 27000 | 2617 | 6119 | 4.8 | 4.8 | 7398 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 neptune ave | lte05ft | tph as gasoline | mg/kg | 11 | 27 | 41 | 0.069 | 3300 | 415 | 990.4 | 0.046 | 0.069 | 728.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte05ft | tph as motor oil | mg/kg | 25 | 27 | 93 | 55 | 25000 | 2795 | 5710 | 7 | 7 | 7242 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24523 neptune ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 24.7 | 52.3 | 34.9 | 6.908 | -- | -- | 37.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte05ft | xylenes, total | µg/kg | 16 | 27 | 59 | 0.2 | 69000 | 4380 | 17233 | 0.15 | 17 | 13879 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 26.6 | 86.1 | 45.37 | 17.16 | -- | -- | 51.38 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24523 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 20 | 37 | 54 | 0.18 | 39000 | 4532 | 11227 | 0.089 | 10 | 8593 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 37 | 19 | 0.23 | 12000 | 3756 | 5049 | 0.075 | 8.6 | 1463 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 19 | 37 | 51 | 0.0043 | 22 | 6.151 | 8.282 | 0.0011 | 0.043 | 5.043 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 37 | 84 | 0.0012 | 33 | 5.795 | 10.83 | 0.003 | 0.024 | 12.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte10ft | antimony | mg/kg | 5 | 37 | 14 | 0.338 | 1.12 | 0.67 | 0.29 | 0.306 | 0.306 | 0.627 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 2.25 | 21.9 | 7.933 | 4.395 | -- | -- | 9.191 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte10ft | bap teq | mg/kg | 36 | 37 | 97 | 0.00168 | 0.507 | 0.0655 | 0.1 | 0.00053 | 0.00053 | 0.135 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte10ft | benzene | µg/kg | 24 | 37 | 65 | 0.12 | 14000 | 1369 | 3726 | 0.1 | 12 | 3091 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 33 | 37 | 89 | 0.0026 | 0.56 | 0.0823 | 0.134 | 0.0007 | 0.26 | 0.169 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24523 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 24 | 37 | 65 | 0.0018 | 0.38 | 0.0535 | 0.0863 | 0.0005 | 0.2 | 0.0604 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 37 | 43 | 0.0011 | 0.065 | 0.0195 | 0.0184 | 0.0004 | 0.14 | 0.0155 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte10ft | chrysene | mg/kg | 35 | 37 | 95 | 0.0056 | 2.5 | 0.266 | 0.485 | 0.0012 | 0.22 | 0.594 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 neptune ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 7.09 | 13.6 | 9.519 | 1.663 | -- | -- | 9.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 8.26 | 27.4 | 15.78 | 5.312 | -- | -- | 17.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte10ft | ethylbenzene | µg/kg | 17 | 37 | 46 | 0.15 | 16000 | 3605 | 5403 | 0.12 | 13 | 2796 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 37 | 14 | 0.0014 | 0.029 | 0.014 | 0.0119 | 0.0009 | 0.35 | 0.0176 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 4.75 | 21.6 | 8.916 | 4.527 | -- | -- | 10.2 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte10ft | naphthalene | mg/kg | 26 | 37 | 70 | 0.00081 | 14 | 3.162 | 4.698 | 0.00025 | 0.00038 | 5.235 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte10ft | pyrene | mg/kg | 36 | 37 | 97 | 0.0024 | 5.5 | 0.457 | 1.061 | 0.16 | 0.16 | 1.198 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 neptune ave | lte10ft | toluene | µg/kg | 17 | 37 | 46 | 0.14 | 320 | 27.88 | 83.55 | 0.11 | 13 | 54.75 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte10ft | tph as diesel | mg/kg | 35 | 37 | 95 | 17 | 27000 | 3285 | 5822 | 4.8 | 4.8 | 7201 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte10ft | tph as gasoline | mg/kg | 20 | 37 | 54 | 0.069 | 3900 | 700.4 | 1154 | 0.046 | 0.069 | 1039 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte10ft | tph as motor oil | mg/kg | 35 | 37 | 95 | 55 | 25000 | 3306 | 5403 | 7 | 7 | 6934 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 24.7 | 53.7 | 36.2 | 7.151 | -- | -- | 38.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 neptune ave | lte10ft | xylenes, total | µg/kg | 22 | 37 | 59 | 0.2 | 69000 | 6693 | 19328 | 0.15 | 17 | 14929 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 neptune ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 26.6 | 86.1 | 44.13 | 14.86 | -- | -- | 48.35 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 8 | 88 | 0.23 | 0.64 | 0.374 | 0.149 | 0.12 | 0.12 | 0.456 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0053 | 0.071 | 0.0305 | 0.0201 | -- | -- | 0.044 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | arsenic | mg/kg | 8 | 8 | 100 | 3.05 | 6.16 | 4.474 | 0.966 | -- | -- | 5.121 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | bap teq | mg/kg | 8 | 8 | 100 | 0.0128 | 0.158 | 0.0639 | 0.0485 | -- | -- | 0.0965 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | benzene | µg/kg | 8 | 8 | 100 | 0.13 | 0.35 | 0.219 | 0.093 | -- | -- | 0.281 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.014 | 0.17 | 0.0548 | 0.049 | -- | -- | 0.0972 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 8 | 8 | 100 | 0.0094 | 0.12 | 0.0519 | 0.0406 | -- | -- | 0.0791 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 8 | 75 | 0.0066 | 0.072 | 0.0239 | 0.024 | 0.0014 | 0.0014 | 0.0337 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte02ft | cadmium | mg/kg | 5 | 8 | 63 | 0.0966 | 0.787 | 0.286 | 0.294 | 0.0883 | 0.0883 | 0.39 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte02ft | chrysene | mg/kg | 8 | 8 | 100 | 0.03 | 0.5 | 0.154 | 0.147 | -- | -- | 0.288 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte02ft | cobalt | mg/kg | 8 | 8 | 100 | 6.92 | 10.7 | 8.169 | 1.28 | -- | -- | 9.026 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | copper | mg/kg | 8 | 8 | 100 | 9.66 | 19.8 | 13.21 | 3.638 | -- | -- | 15.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | lead | mg/kg | 8 | 8 | 100 | 7.21 | 28.5 | 14.93 | 7.438 | -- | -- | 19.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | naphthalene | mg/kg | 6 | 8 | 75 | 0.0011 | 0.059 | 0.0214 | 0.0213 | 0.0003 | 0.0003 | 0.0303 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | pyrene | mg/kg | 8 | 8 | 100 | 0.016 | 0.37 | 0.1 | 0.116 | -- | -- | 0.211 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte02ft | toluene | µg/kg | 7 | 8 | 88 | 0.15 | 0.59 | 0.32 | 0.185 | 0.23 | 0.23 | 0.422 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | tph as diesel | mg/kg | 8 | 8 | 100 | 15 | 770 | 201.5 | 251.2 | -- | -- | 493.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte02ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 81 | 1700 | 535.1 | 528.8 | -- | -- | 1076 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte02ft | vanadium | mg/kg | 8 | 8 | 100 | 25 | 32.6 | 29.43 | 2.687 | -- | -- | 31.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte02ft | zinc | mg/kg | 8 | 8 | 100 | 27.8 | 409 | 86.45 | 131.1 | -- | -- | 288.5 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 13 | 77 | 0.11 | 21 | 3.673 | 7.274 | 0.09 | 8.9 | 10.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 13 | 46 | 0.0061 | 7.3 | 1.638 | 2.84 | 0.0043 | 0.021 | 1.81 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 13 | 92 | 0.0053 | 9.6 | 1.138 | 2.761 | 0.003 | 0.003 | 4.28 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 ravenna ave | lte05ft | antimony | mg/kg | 6 | 13 | 46 | 0.419 | 1.74 | 0.8 | 0.486 | 0.306 | 0.306 | 0.788 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | arsenic | mg/kg | 13 | 13 | 100 | 3.05 | 9.48 | 5.644 | 2.068 | -- | -- | 6.666 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte05ft | bap teq | mg/kg | 13 | 13 | 100 | 0.00459 | 0.297 | 0.0729 | 0.0815 | -- | -- | 0.13 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | benzene | µg/kg | 10 | 13 | 77 | 0.13 | 0.35 | 0.221 | 0.0924 | 0.3 | 11 | 0.259 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 12 | 13 | 92 | 0.012 | 0.17 | 0.0496 | 0.0469 | 0.13 | 0.13 | 0.105 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 10 | 13 | 77 | 0.0094 | 0.27 | 0.0697 | 0.08 | 0.0025 | 0.099 | 0.147 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 7 | 13 | 54 | 0.0066 | 0.072 | 0.0215 | 0.0229 | 0.0014 | 0.07 | 0.0241 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24523 ravenna ave | lte05ft | cadmium | mg/kg | 6 | 13 | 46 | 0.0966 | 0.787 | 0.26 | 0.27 | 0.0883 | 0.0883 | 0.276 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 ravenna ave | lte05ft | chrysene | mg/kg | 13 | 13 | 100 | 0.03 | 0.5 | 0.157 | 0.142 | -- | -- | 0.247 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | cobalt | mg/kg | 13 | 13 | 100 | 6.92 | 10.7 | 8.244 | 1.085 | -- | -- | 8.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte05ft | copper | mg/kg | 13 | 13 | 100 | 9.66 | 19.8 | 13.99 | 3.041 | -- | -- | 15.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte05ft | ethylbenzene | µg/kg | 5 | 13 | 38 | 0.16 | 1300 | 454.2 | 578.8 | 0.12 | 0.16 | 462.4 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte05ft | lead | mg/kg | 13 | 13 | 100 | 4.48 | 28.5 | 11.42 | 7.347 | -- | -- | 15.66 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | naphthalene | mg/kg | 11 | 13 | 85 | 0.0011 | 3.7 | 0.687 | 1.309 | 0.0003 | 0.0003 | 2.071 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 ravenna ave | lte05ft | pyrene | mg/kg | 13 | 13 | 100 | 0.016 | 0.55 | 0.165 | 0.193 | -- | -- | 0.399 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 ravenna ave | lte05ft | toluene | µg/kg | 8 | 13 | 62 | 0.15 | 0.59 | 0.306 | 0.175 | 0.12 | 12 | 0.356 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | tph as diesel | mg/kg | 13 | 13 | 100 | 15 | 5500 | 830.2 | 1536 | -- | -- | 1950 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | tph as gasoline | mg/kg | 5 | 13 | 38 | 0.087 | 530 | 198 | 268 | 0.047 | 0.059 | 174.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | tph as motor oil | mg/kg | 13 | 13 | 100 | 81 | 5600 | 1147 | 1614 | -- | -- | 2213 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte05ft | vanadium | mg/kg | 13 | 13 | 100 | 25 | 33.7 | 30.05 | 2.587 | -- | -- | 31.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte05ft | zinc | mg/kg | 13 | 13 | 100 | 27.8 | 409 | 66.54 | 103.5 | -- | -- | 191.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 17 | 76 | 0.11 | 120 | 13.82 | 32.93 | 0.09 | 9.6 | 41.72 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 17 | 59 | 0.0061 | 11 | 3.591 | 4.354 | 0.0043 | 0.021 | 3.761 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 16 | 17 | 94 | 0.0053 | 17 | 3.417 | 5.871 | 0.003 | 0.003 | 9.301 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 ravenna ave | lte10ft | antimony | mg/kg | 9 | 17 | 53 | 0.398 | 1.74 | 0.783 | 0.432 | 0.306 | 0.306 | 0.76 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte10ft | arsenic | mg/kg | 17 | 17 | 100 | 3.05 | 9.48 | 5.543 | 1.944 | -- | -- | 6.366 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte10ft | bap teq | mg/kg | 17 | 17 | 100 | 0.00459 | 0.297 | 0.0761 | 0.0722 | -- | -- | 0.117 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte10ft | benzene | µg/kg | 13 | 17 | 76 | 0.13 | 80 | 7.308 | 21.98 | 0.3 | 11 | 26.41 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 15 | 17 | 88 | 0.012 | 0.22 | 0.0691 | 0.0636 | 0.13 | 0.13 | 0.0919 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 11 | 17 | 65 | 0.0094 | 0.27 | 0.0671 | 0.0763 | 0.0025 | 0.099 | 0.0814 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 17 | 41 | 0.0066 | 0.072 | 0.0215 | 0.0229 | 0.0014 | 0.07 | 0.0207 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte10ft | cadmium | mg/kg | 6 | 17 | 35 | 0.0966 | 0.787 | 0.26 | 0.27 | 0.0883 | 0.0883 | 0.236 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 ravenna ave | lte10ft | chrysene | mg/kg | 17 | 17 | 100 | 0.03 | 0.55 | 0.207 | 0.172 | -- | -- | 0.306 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte10ft | cobalt | mg/kg | 17 | 17 | 100 | 6.01 | 10.7 | 8.03 | 1.193 | -- | -- | 8.535 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte10ft | copper | mg/kg | 17 | 17 | 100 | 7.68 | 19.8 | 13.34 | 3.282 | -- | -- | 14.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte10ft | ethylbenzene | µg/kg | 9 | 17 | 53 | 0.16 | 4400 | 914.6 | 1394 | 0.12 | 0.16 | 1031 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte10ft | lead | mg/kg | 17 | 17 | 100 | 3.23 | 28.5 | 9.909 | 6.981 | -- | -- | 13.62 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24523 ravenna ave | lte10ft | naphthalene | mg/kg | 15 | 17 | 88 | 0.0011 | 5.6 | 1.671 | 2.272 | 0.0003 | 0.0003 | 3.806 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 ravenna ave | lte10ft | pyrene | mg/kg | 17 | 17 | 100 | 0.016 | 0.87 | 0.248 | 0.265 | -- | -- | 0.414 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24523 ravenna ave | lte10ft | toluene | µg/kg | 9 | 17 | 53 | 0.15 | 24 | 2.939 | 7.9 | 0.12 | 12 | 7.922 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24523 ravenna ave | lte10ft | tph as diesel | mg/kg | 17 | 17 | 100 | 15 | 7100 | 1828 | 2631 | -- | -- | 4204 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24523 ravenna ave | lte10ft | tph as gasoline | mg/kg | 9 | 17 | 53 | 0.087 | 770 | 293.4 | 286.5 | 0.047 | 0.059 | 270.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte10ft | tph as motor oil | mg/kg | 17 | 17 | 100 | 81 | 7900 | 2269 | 2920 | -- | -- | 5356 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24523 ravenna ave | lte10ft | vanadium | mg/kg | 17 | 17 | 100 | 21.3 | 36 | 29.54 | 3.673 | -- | -- | 31.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24523 ravenna ave | lte10ft | xylenes, total | µg/kg | 6 | 17 | 35 | 0.21 | 34 | 16.13 | 17.47 | 0.16 | 17 | 11.47 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24523 ravenna ave | lte10ft | zinc | mg/kg | 17 | 17 | 100 | 24.2 | 409 | 58.65 | 90.93 | -- | -- | 154.8 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 9 | 67 | 8500 | 44000 | 25583 | 13771 | 0.099 | 0.14 | 29889 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 9 | 67 | 170 | 12000 | 5162 | 4447 | 0.084 | 0.12 | 6433 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 9 | 67 | 4 | 29 | 18.17 | 8.329 | 0.0011 | 0.0011 | 21.22 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 9 | 78 | 0.001 | 45 | 24.26 | 16.12 | 0.0006 | 0.0006 | 31.22 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 2.21 | 12.2 | 6.218 | 3.258 | -- | -- | 8.238 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | bap teq | mg/kg | 5 | 9 | 56 | 0.000692 | 0.262 | 0.108 | 0.122 | 0.00053 | 0.208 | 0.139 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | benzene | µg/kg | 7 | 9 | 78 | 0.18 | 17000 | 6700 | 5378 | 0.12 | 0.16 | 8856 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | chrysene | mg/kg | 5 | 9 | 56 | 0.0043 | 1.1 | 0.436 | 0.468 | 0.0012 | 0.47 | 0.605 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 5.26 | 12.6 | 8.772 | 2.689 | -- | -- | 10.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.36 | 25.8 | 16.39 | 6.144 | -- | -- | 20.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 6 | 9 | 67 | 8700 | 25000 | 16950 | 6616 | 0.13 | 0.18 | 18889 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 2.5 | 6.24 | 4.416 | 1.398 | -- | -- | 5.282 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | naphthalene | mg/kg | 9 | 9 | 100 | 0.0011 | 23 | 10.93 | 9.155 | -- | -- | 16.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | pyrene | mg/kg | 7 | 9 | 78 | 0.0017 | 1.7 | 0.558 | 0.631 | 0.33 | 0.33 | 0.813 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | toluene | µg/kg | 5 | 9 | 56 | 0.2 | 510 | 214 | 186.4 | 0.13 | 72 | 268.9 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 9 | 100 | 13 | 17000 | 8618 | 7096 | -- | -- | 13016 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 6 | 9 | 67 | 1200 | 4500 | 2233 | 1261 | 0.049 | 0.06 | 2608 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 9 | 100 | 19 | 16000 | 8347 | 6873 | -- | -- | 12607 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 20.4 | 43.5 | 35.27 | 8.484 | -- | -- | 40.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 9 | 67 | 1600 | 59000 | 21467 | 20591 | 0.17 | 0.24 | 27222 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24526 marbella ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 24.9 | 54.4 | 38.64 | 10.17 | -- | -- | 44.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 16 | 75 | 0.0006 | 6.4 | 0.566 | 1.84 | 0.0006 | 0.003 | 2.183 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.1 | 12 | 5.273 | 2.673 | -- | -- | 6.445 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte02ft | bap teq | mg/kg | 13 | 16 | 81 | 0.000745 | 0.0518 | 0.0121 | 0.0152 | 0.00053 | 0.0513 | 0.0264 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte02ft | benzene | µg/kg | 14 | 16 | 88 | 0.14 | 120 | 8.893 | 31.98 | 0.13 | 0.13 | 40.56 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 16 | 63 | 0.002 | 0.037 | 0.0123 | 0.0116 | 0.0007 | 0.065 | 0.0138 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 8 | 16 | 50 | 0.0012 | 0.041 | 0.0147 | 0.0137 | 0.0005 | 0.049 | 0.0152 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte02ft | cadmium | mg/kg | 8 | 16 | 50 | 0.101 | 0.233 | 0.185 | 0.0396 | 0.0883 | 0.0883 | 0.192 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte02ft | chrysene | mg/kg | 12 | 16 | 75 | 0.0056 | 0.25 | 0.0501 | 0.0676 | 0.0012 | 0.12 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 8.46 | 13.9 | 10.92 | 1.322 | -- | -- | 11.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 13.8 | 25.2 | 19.73 | 3.626 | -- | -- | 21.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.76 | 12.1 | 7.445 | 2.058 | -- | -- | 8.347 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte02ft | naphthalene | mg/kg | 6 | 16 | 38 | 0.0011 | 2.6 | 0.452 | 1.053 | 0.00026 | 0.00038 | 0.472 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte02ft | pyrene | mg/kg | 12 | 16 | 75 | 0.001 | 0.29 | 0.0378 | 0.0802 | 0.0008 | 0.082 | 0.107 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24526 marbella ave | lte02ft | toluene | µg/kg | 12 | 16 | 75 | 0.15 | 1.2 | 0.38 | 0.291 | 0.13 | 0.14 | 0.448 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte02ft | tph as diesel | mg/kg | 14 | 16 | 88 | 6.1 | 4600 | 1027 | 1661 | 4.8 | 4.8 | 2634 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24526 marbella ave | lte02ft | tph as gasoline | mg/kg | 5 | 16 | 31 | 0.08 | 2.7 | 0.666 | 1.139 | 0.049 | 0.061 | 0.726 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24526 marbella ave | lte02ft | tph as motor oil | mg/kg | 14 | 16 | 88 | 18 | 6900 | 1615 | 2396 | 7 | 7 | 3930 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 28 | 51.2 | 37.6 | 5.67 | -- | -- | 40.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte02ft | xylenes, total | µg/kg | 6 | 16 | 38 | 0.21 | 0.42 | 0.338 | 0.0757 | 0.16 | 0.24 | 0.35 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 34.2 | 79.4 | 47.14 | 11.18 | -- | -- | 52.19 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 27 | 26 | 0.19 | 41000 | 10000 | 15503 | 0.091 | 10 | 10314 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 27 | 37 | 0.0052 | 26 | 11.75 | 11.57 | 0.0011 | 0.0086 | 12.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 27 | 74 | 0.0006 | 40 | 8.693 | 15.09 | 0.0006 | 0.003 | 17.81 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 2.1 | 26.2 | 6.282 | 4.616 | -- | -- | 7.627 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte05ft | bap teq | mg/kg | 18 | 27 | 67 | 0.00068 | 0.268 | 0.0277 | 0.0619 | 0.00053 | 0.411 | 0.0429 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24526 marbella ave | lte05ft | benzene | µg/kg | 23 | 27 | 85 | 0.12 | 24000 | 1934 | 5640 | 0.11 | 0.13 | 6053 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 27 | 56 | 0.0015 | 0.61 | 0.0522 | 0.155 | 0.0007 | 0.52 | 0.13 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24526 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 11 | 27 | 41 | 0.0012 | 0.041 | 0.0165 | 0.0139 | 0.0005 | 0.39 | 0.015 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte05ft | cadmium | mg/kg | 12 | 27 | 44 | 0.101 | 0.572 | 0.218 | 0.125 | 0.0883 | 0.0883 | 0.187 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte05ft | chrysene | mg/kg | 17 | 27 | 63 | 0.0041 | 1.4 | 0.127 | 0.333 | 0.0012 | 0.95 | 0.315 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24526 marbella ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 7.09 | 16 | 11.16 | 1.937 | -- | -- | 11.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 9.1 | 37.8 | 20.15 | 5.906 | -- | -- | 22.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte05ft | ethylbenzene | µg/kg | 7 | 27 | 26 | 0.45 | 29000 | 9477 | 11911 | 0.12 | 14 | 5526 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 2.34 | 12.1 | 6.855 | 2.196 | -- | -- | 7.576 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte05ft | naphthalene | mg/kg | 16 | 27 | 59 | 0.0011 | 25 | 4.986 | 7.891 | 0.00026 | 0.00038 | 8.475 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte05ft | pyrene | mg/kg | 20 | 27 | 74 | 0.001 | 2.1 | 0.257 | 0.595 | 0.0008 | 0.65 | 0.635 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24526 marbella ave | lte05ft | toluene | µg/kg | 15 | 27 | 56 | 0.14 | 31 | 2.393 | 7.918 | 0.12 | 120 | 6.94 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte05ft | tph as diesel | mg/kg | 25 | 27 | 93 | 6.1 | 21000 | 3737 | 6506 | 4.8 | 4.8 | 8779 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24526 marbella ave | lte05ft | tph as gasoline | mg/kg | 12 | 27 | 44 | 0.065 | 3900 | 883.6 | 1292 | 0.048 | 0.061 | 1211 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte05ft | tph as motor oil | mg/kg | 25 | 27 | 93 | 18 | 20000 | 3963 | 6161 | 7 | 7 | 8722 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24526 marbella ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 28 | 51.2 | 38.15 | 5.34 | -- | -- | 39.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte05ft | xylenes, total | µg/kg | 10 | 27 | 37 | 0.21 | 25000 | 3760 | 8061 | 0.16 | 18 | 5810 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 29.9 | 79.4 | 45.94 | 10.35 | -- | -- | 49.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 36 | 36 | 0.19 | 44000 | 17192 | 16265 | 0.091 | 10 | 10139 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 36 | 28 | 0.16 | 12000 | 4337 | 3874 | 0.077 | 8.8 | 3089 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 16 | 36 | 44 | 0.0052 | 29 | 14.15 | 10.67 | 0.0011 | 0.0086 | 13.68 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 27 | 36 | 75 | 0.0006 | 45 | 12.73 | 16.57 | 0.0006 | 0.003 | 20.74 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 2.1 | 26.2 | 6.266 | 4.272 | -- | -- | 7.359 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte10ft | bap teq | mg/kg | 23 | 36 | 64 | 0.00068 | 0.268 | 0.0452 | 0.0825 | 0.00053 | 0.411 | 0.0557 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24526 marbella ave | lte10ft | benzene | µg/kg | 30 | 36 | 83 | 0.12 | 24000 | 3046 | 5858 | 0.11 | 0.16 | 6513 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 19 | 36 | 53 | 0.0015 | 0.61 | 0.0777 | 0.184 | 0.0007 | 0.52 | 0.146 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 12 | 36 | 33 | 0.0012 | 0.041 | 0.0153 | 0.0139 | 0.0005 | 0.39 | 0.0125 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24526 marbella ave | lte10ft | cadmium | mg/kg | 14 | 36 | 39 | 0.101 | 0.572 | 0.211 | 0.117 | 0.0883 | 0.0883 | 0.169 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24526 marbella ave | lte10ft | chrysene | mg/kg | 22 | 36 | 61 | 0.0041 | 1.4 | 0.197 | 0.379 | 0.0012 | 0.95 | 0.362 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24526 marbella ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 5.26 | 16 | 10.56 | 2.353 | -- | -- | 11.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 7.36 | 37.8 | 19.21 | 6.104 | -- | -- | 20.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte10ft | ethylbenzene | µg/kg | 13 | 36 | 36 | 0.45 | 29000 | 12926 | 10208 | 0.12 | 14 | 7371 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 2.34 | 12.1 | 6.245 | 2.275 | -- | -- | 6.886 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24526 marbella ave | lte10ft | naphthalene | mg/kg | 25 | 36 | 69 | 0.0011 | 25 | 7.127 | 8.68 | 0.00026 | 0.00038 | 10.74 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte10ft | pyrene | mg/kg | 27 | 36 | 75 | 0.001 | 2.1 | 0.335 | 0.607 | 0.0008 | 0.65 | 0.653 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24526 marbella ave | lte10ft | toluene | µg/kg | 20 | 36 | 56 | 0.14 | 510 | 55.31 | 127.3 | 0.12 | 120 | 102.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte10ft | tph as diesel | mg/kg | 34 | 36 | 94 | 6.1 | 21000 | 5029 | 6912 | 4.8 | 4.8 | 9703 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte10ft | tph as gasoline | mg/kg | 18 | 36 | 50 | 0.065 | 4500 | 1334 | 1406 | 0.048 | 0.061 | 1544 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte10ft | tph as motor oil | mg/kg | 34 | 36 | 94 | 18 | 20000 | 5123 | 6551 | 7 | 7 | 9544 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 20.4 | 51.2 | 37.43 | 6.264 | -- | -- | 39.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24526 marbella ave | lte10ft | xylenes, total | µg/kg | 16 | 36 | 44 | 0.21 | 59000 | 10400 | 16084 | 0.16 | 18 | 13324 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24526 marbella ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 24.9 | 79.4 | 44.12 | 10.66 | -- | -- | 47.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 10 | 19 | 53 | 0.0012 | 0.38 | 0.0522 | 0.121 | 0.0011 | 0.0054 | 0.12 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 19 | 74 | 0.0006 | 0.16 | 0.0141 | 0.042 | 0.0006 | 0.006 | 0.0473 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 0.414 | 12.4 | 2.274 | 2.792 | -- | -- | 3.363 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 neptune ave | lte02ft | bap teq | mg/kg | 15 | 19 | 79 | 0.000575 | 0.0239 | 0.00706 | 0.00705 | 0.00053 | 0.00053 | 0.00847 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte02ft | benzene | µg/kg | 11 | 19 | 58 | 0.12 | 3 | 0.504 | 0.848 | 0.1 | 0.13 | 0.628 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 19 | 68 | 0.0008 | 0.014 | 0.00578 | 0.0043 | 0.0007 | 0.0007 | 0.00602 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 19 | 68 | 0.0007 | 0.018 | 0.00548 | 0.00551 | 0.0005 | 0.0049 | 0.00613 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 19 | 68 | 0.0005 | 0.013 | 0.00388 | 0.00377 | 0.0004 | 0.0035 | 0.00433 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 19 | 42 | 0.0012 | 0.012 | 0.0046 | 0.00387 | 0.0011 | 0.011 | 0.00414 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte02ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 19 | 26 | 0.18 | 1.2 | 0.594 | 0.447 | 0.16 | 0.33 | 0.526 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte02ft | cadmium | mg/kg | 11 | 19 | 58 | 0.0905 | 0.28 | 0.16 | 0.061 | 0.0883 | 0.0883 | 0.157 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte02ft | chrysene | mg/kg | 13 | 19 | 68 | 0.0017 | 0.041 | 0.0145 | 0.0136 | 0.0012 | 0.0012 | 0.0161 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 4.35 | 10.5 | 7.019 | 1.589 | -- | -- | 7.652 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 5.79 | 20.6 | 9.515 | 4.378 | -- | -- | 11.33 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 19 | 26 | 0.001 | 0.004 | 0.0024 | 0.00134 | 0.0007 | 0.0067 | 0.00272 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 19 | 53 | 0.0011 | 0.0092 | 0.00356 | 0.00313 | 0.0009 | 0.0087 | 0.00351 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 3.49 | 15.1 | 6.901 | 3.354 | -- | -- | 8.316 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte02ft | naphthalene | mg/kg | 13 | 19 | 68 | 0.0003 | 0.005 | 0.00245 | 0.00134 | 0.00026 | 0.00029 | 0.00249 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte02ft | pyrene | mg/kg | 18 | 19 | 95 | 0.0008 | 0.16 | 0.0168 | 0.0365 | 0.0008 | 0.0008 | 0.0516 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 neptune ave | lte02ft | toluene | µg/kg | 14 | 19 | 74 | 0.12 | 2.2 | 0.444 | 0.529 | 0.12 | 0.15 | 0.567 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 neptune ave | lte02ft | tph as diesel | mg/kg | 8 | 19 | 42 | 7.6 | 2600 | 470.8 | 906.3 | 4.8 | 4.8 | 456 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte02ft | tph as gasoline | mg/kg | 5 | 19 | 26 | 0.048 | 2.9 | 0.637 | 1.265 | 0.047 | 0.054 | 0.914 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte02ft | tph as motor oil | mg/kg | 8 | 19 | 42 | 35 | 3000 | 580.9 | 1010 | 7 | 7 | 549.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 16.3 | 40.1 | 22.78 | 5.791 | -- | -- | 25.05 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 neptune ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 19.8 | 47 | 27.76 | 8.005 | -- | -- | 31.02 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 11 | 25 | 44 | 0.0012 | 6.8 | 0.666 | 2.038 | 0.0011 | 0.0054 | 1.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 25 | 76 | 0.0006 | 3.5 | 0.195 | 0.801 | 0.0006 | 0.006 | 0.762 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte05ft | antimony | mg/kg | 7 | 25 | 28 | 0.31 | 0.504 | 0.402 | 0.0708 | 0.306 | 0.306 | 0.394 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 0.414 | 15.8 | 2.742 | 3.643 | -- | -- | 3.962 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24528 neptune ave | lte05ft | bap teq | mg/kg | 18 | 25 | 72 | 0.000575 | 0.0271 | 0.00755 | 0.00824 | 0.00053 | 0.00053 | 0.0123 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte05ft | benzene | µg/kg | 11 | 25 | 44 | 0.12 | 3 | 0.504 | 0.848 | 0.1 | 12 | 0.526 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 25 | 52 | 0.0008 | 0.014 | 0.00578 | 0.0043 | 0.0007 | 0.033 | 0.00517 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 25 | 60 | 0.0007 | 0.018 | 0.0049 | 0.00533 | 0.0005 | 0.025 | 0.00501 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 15 | 25 | 60 | 0.0005 | 0.013 | 0.00346 | 0.00366 | 0.0004 | 0.018 | 0.00351 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 25 | 32 | 0.0012 | 0.012 | 0.0046 | 0.00387 | 0.0011 | 0.056 | 0.00373 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 25 | 20 | 0.18 | 1.2 | 0.594 | 0.447 | 0.16 | 0.33 | 0.485 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte05ft | cadmium | mg/kg | 12 | 25 | 48 | 0.0905 | 0.28 | 0.163 | 0.0587 | 0.0883 | 0.0883 | 0.15 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 25 | 24 | 0.22 | 0.32 | 0.257 | 0.0388 | 0.22 | 0.22 | 0.253 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte05ft | chrysene | mg/kg | 15 | 25 | 60 | 0.0017 | 0.13 | 0.0214 | 0.0328 | 0.0012 | 0.0012 | 0.0235 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 4.35 | 17.6 | 7.682 | 2.536 | -- | -- | 8.505 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 5.79 | 21.2 | 9.839 | 4.49 | -- | -- | 11.43 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 25 | 20 | 0.001 | 0.004 | 0.0024 | 0.00134 | 0.0007 | 0.034 | 0.00268 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 25 | 40 | 0.0011 | 0.0092 | 0.00356 | 0.00313 | 0.0009 | 0.043 | 0.003 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 3.49 | 15.1 | 6.704 | 2.954 | -- | -- | 7.717 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte05ft | naphthalene | mg/kg | 17 | 25 | 68 | 0.0003 | 2.8 | 0.167 | 0.679 | 0.00026 | 0.00029 | 0.606 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte05ft | pyrene | mg/kg | 24 | 25 | 96 | 0.0008 | 0.22 | 0.0221 | 0.0529 | 0.0008 | 0.0008 | 0.0666 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte05ft | toluene | µg/kg | 16 | 25 | 64 | 0.12 | 2.2 | 0.408 | 0.502 | 0.11 | 13 | 0.476 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 neptune ave | lte05ft | tph as diesel | mg/kg | 9 | 25 | 36 | 7.6 | 7200 | 1219 | 2398 | 4.8 | 4.8 | 979.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte05ft | tph as gasoline | mg/kg | 6 | 25 | 24 | 0.048 | 790 | 132.2 | 322.3 | 0.045 | 0.054 | 179.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte05ft | tph as motor oil | mg/kg | 9 | 25 | 36 | 35 | 6200 | 1205 | 2098 | 7 | 7 | 932.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24528 neptune ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 16.3 | 40.1 | 25.72 | 7.393 | -- | -- | 28.28 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 19.8 | 47 | 28.65 | 7.924 | -- | -- | 31.4 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 31 | 16 | 0.18 | 59 | 18.21 | 26.38 | 0.088 | 0.13 | 8.967 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 31 | 39 | 0.0012 | 6.8 | 0.819 | 2.014 | 0.0011 | 0.0054 | 1.351 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 23 | 31 | 74 | 0.0006 | 3.5 | 0.231 | 0.787 | 0.0006 | 0.006 | 0.708 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte10ft | antimony | mg/kg | 7 | 31 | 23 | 0.31 | 0.504 | 0.402 | 0.0708 | 0.306 | 0.306 | 0.391 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte10ft | arsenic | mg/kg | 31 | 31 | 100 | 0.414 | 15.8 | 2.763 | 3.274 | -- | -- | 3.741 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24528 neptune ave | lte10ft | bap teq | mg/kg | 23 | 31 | 74 | 0.000575 | 0.0271 | 0.00708 | 0.00767 | 0.00053 | 0.00053 | 0.0111 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte10ft | benzene | µg/kg | 11 | 31 | 35 | 0.12 | 3 | 0.504 | 0.848 | 0.1 | 12 | 0.465 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 17 | 31 | 55 | 0.0008 | 0.014 | 0.0057 | 0.00451 | 0.0007 | 0.033 | 0.00488 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 20 | 31 | 65 | 0.0007 | 0.018 | 0.00461 | 0.00491 | 0.0005 | 0.025 | 0.00479 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 19 | 31 | 61 | 0.0005 | 0.013 | 0.00355 | 0.00339 | 0.0004 | 0.018 | 0.00355 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 31 | 32 | 0.0012 | 0.012 | 0.00426 | 0.00356 | 0.0011 | 0.056 | 0.00311 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 31 | 16 | 0.18 | 1.2 | 0.594 | 0.447 | 0.16 | 0.33 | 0.52 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte10ft | cadmium | mg/kg | 12 | 31 | 39 | 0.0905 | 0.28 | 0.163 | 0.0587 | 0.0883 | 0.0883 | 0.14 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 31 | 23 | 0.22 | 0.32 | 0.26 | 0.0365 | 0.22 | 0.22 | 0.25 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte10ft | chrysene | mg/kg | 19 | 31 | 61 | 0.0017 | 0.13 | 0.0205 | 0.0312 | 0.0012 | 0.0012 | 0.0225 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 neptune ave | lte10ft | cobalt | mg/kg | 31 | 31 | 100 | 2.4 | 17.6 | 6.85 | 2.888 | -- | -- | 7.805 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte10ft | copper | mg/kg | 31 | 31 | 100 | 2.8 | 21.2 | 8.784 | 4.636 | -- | -- | 10.24 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 31 | 19 | 0.0008 | 0.004 | 0.00213 | 0.00137 | 0.0007 | 0.034 | 0.00158 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 31 | 42 | 0.001 | 0.0092 | 0.00303 | 0.00289 | 0.0009 | 0.043 | 0.00261 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte10ft | lead | mg/kg | 31 | 31 | 100 | 1.41 | 15.1 | 5.88 | 3.188 | -- | -- | 6.968 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte10ft | naphthalene | mg/kg | 19 | 31 | 61 | 0.0003 | 2.8 | 0.234 | 0.721 | 0.00026 | 0.00031 | 0.595 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte10ft | pyrene | mg/kg | 30 | 31 | 97 | 0.0008 | 0.22 | 0.02 | 0.0475 | 0.0008 | 0.0008 | 0.0561 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 neptune ave | lte10ft | toluene | µg/kg | 21 | 31 | 68 | 0.12 | 140 | 7.011 | 30.47 | 0.11 | 13 | 24.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 neptune ave | lte10ft | tph as diesel | mg/kg | 10 | 31 | 32 | 7.6 | 7200 | 1337 | 2291 | 4.8 | 4.8 | 880.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte10ft | tph as gasoline | mg/kg | 7 | 31 | 23 | 0.048 | 790 | 166.2 | 307.6 | 0.045 | 0.063 | 87.64 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 neptune ave | lte10ft | tph as motor oil | mg/kg | 10 | 31 | 32 | 35 | 6200 | 1295 | 1998 | 7 | 7 | 835.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 neptune ave | lte10ft | vanadium | mg/kg | 31 | 31 | 100 | 9.83 | 40.1 | 23.52 | 8.235 | -- | -- | 26.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 neptune ave | lte10ft | zinc | mg/kg | 31 | 31 | 100 | 10.7 | 47 | 26.18 | 9.063 | -- | -- | 28.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 5 | 9 | 56 | 0.0017 | 0.0046 | 0.00314 | 0.00125 | 0.001 | 0.002 | 0.00379 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 9 | 67 | 0.0023 | 0.0082 | 0.00572 | 0.00208 | 0.0009 | 0.0009 | 0.00644 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 1.32 | 2.81 | 1.92 | 0.453 | -- | -- | 2.201 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | bap teq | mg/kg | 7 | 9 | 78 | 0.00141 | 0.0207 | 0.0127 | 0.00639 | 0.0004723 | 0.0004723 | 0.015 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 9 | 78 | 0.0015 | 0.023 | 0.0132 | 0.00763 | 0.00078 | 0.00078 | 0.0161 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 9 | 78 | 0.001 | 0.014 | 0.0087 | 0.00424 | 0.00051 | 0.00051 | 0.0106 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 9 | 78 | 0.00051 | 0.0078 | 0.005 | 0.00239 | 0.00051 | 0.00051 | 0.0059 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 9 | 67 | 0.0015 | 0.004 | 0.00273 | 0.00104 | 0.0007 | 0.0007 | 0.00299 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | chrysene | mg/kg | 7 | 9 | 78 | 0.0031 | 0.056 | 0.031 | 0.0192 | 0.00058 | 0.00058 | 0.0381 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 1.6 | 5.8 | 3.111 | 1.428 | -- | -- | 3.996 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 0.512 | 4.58 | 2.121 | 1.256 | -- | -- | 2.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 9 | 67 | 0.0022 | 0.0064 | 0.00378 | 0.00202 | 0.00052 | 0.00052 | 0.00426 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 9 | 78 | 0.00055 | 0.0084 | 0.00492 | 0.00279 | 0.00053 | 0.00053 | 0.00604 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 0.955 | 3.63 | 2.035 | 1.029 | -- | -- | 2.673 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | naphthalene | mg/kg | 7 | 9 | 78 | 0.0019 | 0.02 | 0.00793 | 0.0073 | 0.0007 | 0.00081 | 0.0109 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | pyrene | mg/kg | 8 | 9 | 89 | 0.0011 | 0.029 | 0.0179 | 0.0109 | 0.00049 | 0.00049 | 0.0233 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 6.17 | 22.7 | 11.76 | 5.08 | -- | -- | 14.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 7.48 | 25.4 | 13.7 | 6.409 | -- | -- | 17.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 19 | 47 | 0.0013 | 0.032 | 0.0075 | 0.00962 | 0.001 | 0.005 | 0.00722 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 19 | 74 | 0.0011 | 0.085 | 0.0126 | 0.0214 | 0.0009 | 0.0045 | 0.0287 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 0.48 | 4.71 | 2.033 | 1.128 | -- | -- | 2.482 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | lte02ft | bap teq | mg/kg | 18 | 19 | 95 | 0.0004756 | 0.164 | 0.0221 | 0.0372 | 0.0004723 | 0.0004723 | 0.0576 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte02ft | benzene | µg/kg | 15 | 19 | 79 | 0.14 | 3.6 | 0.667 | 0.949 | 0.1 | 0.11 | 1.428 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 19 | 84 | 0.0009 | 0.19 | 0.0267 | 0.0452 | 0.00078 | 0.00078 | 0.0652 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 19 | 79 | 0.0018 | 0.11 | 0.0182 | 0.0266 | 0.00051 | 0.00051 | 0.0393 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 19 | 79 | 0.0012 | 0.066 | 0.0107 | 0.0159 | 0.00051 | 0.00051 | 0.0234 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 12 | 19 | 63 | 0.0012 | 0.032 | 0.00643 | 0.00841 | 0.0007 | 0.0035 | 0.00794 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte02ft | chrysene | mg/kg | 18 | 19 | 95 | 0.00062 | 0.49 | 0.0698 | 0.115 | 0.00058 | 0.00058 | 0.179 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 4.98 | 7.19 | 6.297 | 0.686 | -- | -- | 6.57 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24528 panama ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 2.32 | 28.2 | 7.161 | 5.524 | -- | -- | 9.098 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 14 | 19 | 74 | 0.00099 | 0.038 | 0.00637 | 0.00937 | 0.00052 | 0.00052 | 0.00921 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 19 | 79 | 0.00068 | 0.07 | 0.00974 | 0.017 | 0.00053 | 0.00053 | 0.0234 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 1.96 | 16.6 | 5.745 | 4.096 | -- | -- | 7.397 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | lte02ft | naphthalene | mg/kg | 8 | 19 | 42 | 0.0029 | 0.048 | 0.0135 | 0.0153 | 0.00061 | 0.00079 | 0.0119 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte02ft | pyrene | mg/kg | 18 | 19 | 95 | 0.0007 | 0.26 | 0.0296 | 0.0592 | 0.00049 | 0.00049 | 0.0861 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte02ft | tph as diesel | mg/kg | 12 | 19 | 63 | 5 | 330 | 74.35 | 90.55 | 4.8 | 4.8 | 84.43 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte02ft | tph as gasoline | mg/kg | 12 | 19 | 63 | 0.045 | 0.095 | 0.0631 | 0.0156 | 0.04 | 0.046 | 0.0628 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | lte02ft | tph as motor oil | mg/kg | 14 | 19 | 74 | 19 | 1400 | 274.8 | 367.4 | 7 | 7 | 543.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 15.9 | 30.4 | 21.41 | 3.708 | -- | -- | 22.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 14.1 | 55.9 | 28.42 | 11.49 | -- | -- | 33.18 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 30 | 50 | 0.0013 | 0.063 | 0.0148 | 0.0178 | 0.001 | 0.025 | 0.0127 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 30 | 73 | 0.0011 | 0.17 | 0.0355 | 0.0493 | 0.0009 | 0.0045 | 0.0621 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 0.48 | 5.8 | 2.323 | 1.216 | -- | -- | 2.744 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | bap teq | mg/kg | 27 | 30 | 90 | 0.0004756 | 0.44 | 0.0753 | 0.114 | 0.0004723 | 0.0004723 | 0.156 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | benzene | µg/kg | 24 | 30 | 80 | 0.12 | 3.6 | 0.701 | 0.836 | 0.098 | 0.11 | 1.209 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 30 | 83 | 0.0009 | 0.55 | 0.0904 | 0.144 | 0.00078 | 0.00078 | 0.184 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 30 | 80 | 0.0018 | 0.3 | 0.0576 | 0.0794 | 0.00051 | 0.00051 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 24 | 30 | 80 | 0.0012 | 0.19 | 0.0346 | 0.046 | 0.00051 | 0.00051 | 0.0625 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 21 | 30 | 70 | 0.0012 | 0.078 | 0.018 | 0.02 | 0.0007 | 0.0035 | 0.0195 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | chrysene | mg/kg | 27 | 30 | 90 | 0.00062 | 1.3 | 0.255 | 0.402 | 0.00058 | 0.00058 | 0.539 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 4.98 | 15.7 | 7.087 | 1.935 | -- | -- | 7.723 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 panama ave | lte05ft | copper | mg/kg | 30 | 30 | 100 | 2.32 | 28.2 | 7.445 | 4.512 | -- | -- | 8.932 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 23 | 30 | 77 | 0.00099 | 0.14 | 0.0212 | 0.0335 | 0.00052 | 0.00052 | 0.0408 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 24 | 30 | 80 | 0.00068 | 0.16 | 0.0285 | 0.0387 | 0.00053 | 0.00053 | 0.0519 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | lead | mg/kg | 30 | 30 | 100 | 1.96 | 31.2 | 7.237 | 6.506 | -- | -- | 12.41 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 panama ave | lte05ft | naphthalene | mg/kg | 14 | 30 | 47 | 0.0022 | 0.059 | 0.0164 | 0.0177 | 0.00061 | 0.00079 | 0.0132 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | pyrene | mg/kg | 27 | 30 | 90 | 0.0007 | 1.9 | 0.241 | 0.479 | 0.00049 | 0.00049 | 0.583 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte05ft | tph as diesel | mg/kg | 19 | 30 | 63 | 5 | 1700 | 301.5 | 514.5 | 4.8 | 4.8 | 341.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | tph as gasoline | mg/kg | 16 | 30 | 53 | 0.045 | 31 | 2.06 | 7.719 | 0.038 | 0.046 | 5.681 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 panama ave | lte05ft | tph as motor oil | mg/kg | 22 | 30 | 73 | 14 | 3600 | 665.5 | 1014 | 7 | 7 | 1222 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 15.9 | 33 | 23.64 | 4.574 | -- | -- | 25.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | lte05ft | xylenes, total | µg/kg | 5 | 30 | 17 | 0.22 | 0.33 | 0.276 | 0.0391 | 0.2 | 0.26 | 0.282 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 14.1 | 55.9 | 28.57 | 9.253 | -- | -- | 31.45 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 20 | 39 | 51 | 0.0013 | 0.063 | 0.0119 | 0.0162 | 0.001 | 0.025 | 0.0158 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 28 | 39 | 72 | 0.0011 | 0.17 | 0.0291 | 0.0452 | 0.0009 | 0.0045 | 0.0494 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | arsenic | mg/kg | 39 | 39 | 100 | 0.48 | 5.8 | 2.23 | 1.096 | -- | -- | 2.542 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte10ft | bap teq | mg/kg | 34 | 39 | 87 | 0.0004756 | 0.44 | 0.0624 | 0.105 | 0.0004723 | 0.0004723 | 0.124 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | benzene | µg/kg | 28 | 39 | 72 | 0.12 | 3.6 | 0.719 | 0.808 | 0.098 | 0.13 | 0.768 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 32 | 39 | 82 | 0.0009 | 0.55 | 0.0735 | 0.131 | 0.00078 | 0.00078 | 0.146 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 31 | 39 | 79 | 0.001 | 0.3 | 0.0465 | 0.0725 | 0.00051 | 0.00051 | 0.0842 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 31 | 39 | 79 | 0.00051 | 0.19 | 0.0279 | 0.0422 | 0.00051 | 0.00051 | 0.0497 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 27 | 39 | 69 | 0.0012 | 0.078 | 0.0146 | 0.0187 | 0.0007 | 0.0035 | 0.0149 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | lte10ft | chrysene | mg/kg | 34 | 39 | 87 | 0.00062 | 1.3 | 0.209 | 0.369 | 0.00058 | 0.00058 | 0.427 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | cobalt | mg/kg | 39 | 39 | 100 | 1.6 | 15.7 | 6.17 | 2.483 | -- | -- | 6.851 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 panama ave | lte10ft | copper | mg/kg | 39 | 39 | 100 | 0.512 | 28.2 | 6.216 | 4.586 | -- | -- | 7.53 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 29 | 39 | 74 | 0.00099 | 0.14 | 0.0176 | 0.0306 | 0.00052 | 0.00052 | 0.0324 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 31 | 39 | 79 | 0.00055 | 0.16 | 0.0232 | 0.0353 | 0.00053 | 0.00053 | 0.0415 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | lead | mg/kg | 39 | 39 | 100 | 0.955 | 31.2 | 6.037 | 6.12 | -- | -- | 7.814 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | naphthalene | mg/kg | 21 | 39 | 54 | 0.0019 | 0.059 | 0.0136 | 0.0154 | 0.00061 | 0.00081 | 0.0121 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24528 panama ave | lte10ft | pyrene | mg/kg | 35 | 39 | 90 | 0.0007 | 1.9 | 0.19 | 0.429 | 0.00049 | 0.00049 | 0.457 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24528 panama ave | lte10ft | toluene | µg/kg | 5 | 39 | 13 | 0.53 | 0.88 | 0.732 | 0.172 | 0.38 | 0.51 | 0.844 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | lte10ft | tph as diesel | mg/kg | 22 | 39 | 56 | 5 | 1700 | 261.6 | 487.3 | 4.8 | 4.8 | 246.4 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | lte10ft | tph as gasoline | mg/kg | 20 | 39 | 51 | 0.045 | 31 | 1.668 | 6.906 | 0.038 | 0.049 | 4.377 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24528 panama ave | lte10ft | tph as motor oil | mg/kg | 26 | 39 | 67 | 9.7 | 3600 | 566.7 | 958.9 | 7 | 7 | 654.6 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24528 panama ave | lte10ft | vanadium | mg/kg | 39 | 39 | 100 | 6.17 | 33 | 20.89 | 6.864 | -- | -- | 22.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | lte10ft | xylenes, total | µg/kg | 6 | 39 | 15 | 0.22 | 0.43 | 0.302 | 0.0719 | 0.2 | 0.26 | 0.288 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24528 panama ave | lte10ft | zinc | mg/kg | 39 | 39 | 100 | 7.48 | 55.9 | 25.14 | 10.69 | -- | -- | 28.06 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 14 | 57 | 0.11 | 0.68 | 0.374 | 0.249 | 0.094 | 0.11 | 0.372 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24529 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 14 | 100 | 0.0007 | 0.017 | 0.00619 | 0.00548 | -- | -- | 0.0101 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 2.99 | 11.3 | 5.82 | 2.66 | -- | -- | 7.258 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24529 neptune ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00139 | 0.0875 | 0.0237 | 0.0233 | -- | -- | 0.0409 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | benzene | µg/kg | 12 | 14 | 86 | 0.13 | 3 | 1.156 | 1.127 | 0.1 | 0.11 | 2.301 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.0009 | 0.038 | 0.015 | 0.0129 | -- | -- | 0.0211 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 14 | 100 | 0.001 | 0.069 | 0.0177 | 0.0182 | -- | -- | 0.0308 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 14 | 100 | 0.0006 | 0.041 | 0.0118 | 0.0113 | -- | -- | 0.0206 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 14 | 57 | 0.0012 | 0.041 | 0.0128 | 0.013 | 0.0011 | 0.023 | 0.0163 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.002 | 0.12 | 0.0403 | 0.0371 | -- | -- | 0.0579 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.71 | 10.5 | 7.861 | 1.03 | -- | -- | 8.348 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 8.89 | 23.2 | 13.79 | 4.323 | -- | -- | 15.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 9 | 14 | 64 | 0.001 | 0.0082 | 0.00454 | 0.00244 | 0.0007 | 0.013 | 0.00503 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte02ft | ethylbenzene | µg/kg | 6 | 14 | 43 | 0.13 | 0.44 | 0.232 | 0.114 | 0.12 | 0.14 | 0.236 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 14 | 79 | 0.0013 | 0.045 | 0.0104 | 0.0123 | 0.0009 | 0.017 | 0.0222 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 4.93 | 29.9 | 10.06 | 6.509 | -- | -- | 13.18 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 neptune ave | lte02ft | naphthalene | mg/kg | 11 | 14 | 79 | 0.0011 | 0.017 | 0.00485 | 0.00503 | 0.00027 | 0.00035 | 0.00619 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0037 | 0.26 | 0.0475 | 0.0657 | -- | -- | 0.0856 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | thallium | mg/kg | 11 | 14 | 79 | 0.268 | 0.607 | 0.374 | 0.107 | 0.232 | 0.232 | 0.4 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 neptune ave | lte02ft | toluene | µg/kg | 14 | 14 | 100 | 0.17 | 2.3 | 0.838 | 0.647 | -- | -- | 1.144 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte02ft | tph as diesel | mg/kg | 10 | 14 | 71 | 5.6 | 470 | 84.57 | 138 | 4.8 | 4.8 | 204.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | tph as gasoline | mg/kg | 5 | 14 | 36 | 0.051 | 0.17 | 0.103 | 0.0476 | 0.047 | 0.061 | 0.12 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte02ft | tph as motor oil | mg/kg | 12 | 14 | 86 | 8.4 | 1500 | 238.3 | 407.2 | 7 | 7 | 655.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 25.5 | 36.2 | 30.54 | 3.303 | -- | -- | 32.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte02ft | xylenes, total | µg/kg | 10 | 14 | 71 | 0.16 | 1.5 | 0.636 | 0.416 | 0.16 | 0.19 | 0.698 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 27.6 | 86.5 | 43.98 | 19.07 | -- | -- | 53.36 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 25 | 56 | 0.1 | 32000 | 2593 | 8541 | 0.094 | 15 | 7145 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 25 | 36 | 0.0013 | 57 | 7.847 | 18.73 | 0.0011 | 0.021 | 6.906 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 25 | 88 | 0.0007 | 88 | 4.885 | 18.83 | 0.0006 | 0.0024 | 19.76 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 2.4 | 11.3 | 5.079 | 2.361 | -- | -- | 5.917 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24529 neptune ave | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.00119 | 2.2 | 0.12 | 0.438 | -- | -- | 0.503 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 neptune ave | lte05ft | benzene | µg/kg | 19 | 25 | 76 | 0.13 | 12000 | 675.7 | 2747 | 0.1 | 20 | 2617 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 22 | 25 | 88 | 0.0009 | 4.6 | 0.236 | 0.977 | 0.0007 | 0.013 | 1.009 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 23 | 25 | 92 | 0.0009 | 1.5 | 0.0896 | 0.312 | 0.0099 | 0.039 | 0.344 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 21 | 25 | 84 | 0.0006 | 0.63 | 0.039 | 0.136 | 0.0004 | 0.07 | 0.143 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 25 | 40 | 0.0012 | 0.041 | 0.0105 | 0.0125 | 0.0011 | 0.45 | 0.00939 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.0015 | 9.1 | 0.463 | 1.824 | -- | -- | 2.053 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 neptune ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 5.97 | 12.5 | 8.45 | 1.591 | -- | -- | 9.001 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 8.87 | 23.2 | 14.22 | 4.036 | -- | -- | 15.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 13 | 25 | 52 | 0.0008 | 0.012 | 0.00445 | 0.00331 | 0.0007 | 0.27 | 0.00452 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte05ft | ethylbenzene | µg/kg | 11 | 25 | 44 | 0.13 | 17000 | 1643 | 5102 | 0.12 | 16 | 3766 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 25 | 64 | 0.0009 | 0.045 | 0.00871 | 0.0109 | 0.0009 | 0.35 | 0.0107 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 4.73 | 29.9 | 8.555 | 5.171 | -- | -- | 10.43 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | naphthalene | mg/kg | 19 | 25 | 76 | 0.00088 | 24 | 1.607 | 5.547 | 0.00027 | 0.0037 | 5.482 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | pyrene | mg/kg | 24 | 25 | 96 | 0.002 | 23 | 1.169 | 4.707 | 0.016 | 0.016 | 5.149 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | thallium | mg/kg | 12 | 25 | 48 | 0.268 | 0.686 | 0.4 | 0.136 | 0.232 | 0.232 | 0.371 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 neptune ave | lte05ft | toluene | µg/kg | 22 | 25 | 88 | 0.13 | 7900 | 371.2 | 1682 | 0.12 | 29 | 1707 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | tph as diesel | mg/kg | 17 | 25 | 68 | 5.6 | 20000 | 2243 | 5037 | 4.8 | 4.8 | 5268 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 neptune ave | lte05ft | tph as gasoline | mg/kg | 10 | 25 | 40 | 0.051 | 1600 | 272.7 | 524.6 | 0.047 | 3.4 | 423.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | tph as motor oil | mg/kg | 19 | 25 | 76 | 8.4 | 20000 | 2680 | 5761 | 7 | 7 | 6535 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 neptune ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 25.5 | 46.3 | 32.79 | 5.452 | -- | -- | 34.68 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte05ft | xylenes, total | µg/kg | 15 | 25 | 60 | 0.16 | 73000 | 5182 | 18800 | 0.16 | 32 | 16010 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 27.6 | 86.5 | 40.54 | 15.24 | -- | -- | 45.97 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 32 | 59 | 0.1 | 32000 | 2130 | 7350 | 0.089 | 15 | 5707 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 32 | 22 | 0.11 | 12000 | 2108 | 4415 | 0.075 | 220 | 1142 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 32 | 38 | 0.0013 | 57 | 8.594 | 16.18 | 0.0011 | 0.021 | 6.467 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 27 | 32 | 84 | 0.0007 | 88 | 5.681 | 17.48 | 0.0006 | 0.0024 | 17.27 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 2.4 | 11.3 | 5.307 | 2.205 | -- | -- | 5.985 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 neptune ave | lte10ft | bap teq | mg/kg | 29 | 32 | 91 | 0.000537 | 2.2 | 0.111 | 0.408 | 0.00053 | 0.103 | 0.402 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 neptune ave | lte10ft | benzene | µg/kg | 26 | 32 | 81 | 0.13 | 12000 | 1106 | 3210 | 0.1 | 20 | 3154 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24529 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 24 | 32 | 75 | 0.0008 | 4.6 | 0.216 | 0.936 | 0.0007 | 0.26 | 0.792 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 25 | 32 | 78 | 0.0009 | 1.5 | 0.0825 | 0.3 | 0.0005 | 0.2 | 0.272 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 32 | 72 | 0.0006 | 0.63 | 0.0357 | 0.13 | 0.0004 | 0.14 | 0.113 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 32 | 31 | 0.0012 | 0.041 | 0.0105 | 0.0125 | 0.0011 | 0.45 | 0.00809 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte10ft | chrysene | mg/kg | 29 | 32 | 91 | 0.0013 | 9.1 | 0.426 | 1.696 | 0.0012 | 0.24 | 1.635 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 neptune ave | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 5.97 | 16.2 | 8.665 | 2.065 | -- | -- | 9.263 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 neptune ave | lte10ft | copper | mg/kg | 32 | 32 | 100 | 8.87 | 37.3 | 15.21 | 5.574 | -- | -- | 16.82 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 13 | 32 | 41 | 0.0008 | 0.012 | 0.00445 | 0.00331 | 0.0007 | 0.27 | 0.00392 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 neptune ave | lte10ft | ethylbenzene | µg/kg | 14 | 32 | 44 | 0.13 | 17000 | 2679 | 5417 | 0.12 | 16 | 2323 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 32 | 53 | 0.0009 | 0.045 | 0.00825 | 0.0108 | 0.0009 | 0.35 | 0.00941 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte10ft | lead | mg/kg | 32 | 32 | 100 | 3.39 | 29.9 | 7.983 | 4.978 | -- | -- | 9.306 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 neptune ave | lte10ft | naphthalene | mg/kg | 24 | 32 | 75 | 0.00088 | 24 | 2.176 | 5.387 | 0.00027 | 0.0037 | 5.303 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | pyrene | mg/kg | 29 | 32 | 91 | 0.0014 | 23 | 1.003 | 4.286 | 0.016 | 0.16 | 4.062 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | thallium | mg/kg | 17 | 32 | 53 | 0.268 | 0.841 | 0.455 | 0.173 | 0.232 | 0.232 | 0.415 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte10ft | toluene | µg/kg | 27 | 32 | 84 | 0.13 | 7900 | 325.1 | 1519 | 0.12 | 29 | 1353 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | tph as diesel | mg/kg | 20 | 32 | 63 | 5.6 | 20000 | 3352 | 5376 | 4.8 | 4.8 | 5613 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | tph as gasoline | mg/kg | 15 | 32 | 47 | 0.051 | 3000 | 500.5 | 868.8 | 0.047 | 3.4 | 734.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | tph as motor oil | mg/kg | 22 | 32 | 69 | 8.4 | 20000 | 3542 | 5789 | 7 | 7 | 3944 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 neptune ave | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 23.4 | 47.5 | 33.46 | 6.307 | -- | -- | 35.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 neptune ave | lte10ft | xylenes, total | µg/kg | 19 | 32 | 59 | 0.16 | 73000 | 4391 | 16695 | 0.15 | 32 | 12666 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 neptune ave | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 27.6 | 86.5 | 40.71 | 14.44 | -- | -- | 45.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 panama ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 2.45 | 5.1 | 3.681 | 0.881 | -- | -- | 4.138 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte02ft | bap teq | mg/kg | 7 | 12 | 58 | 0.000476 | 0.0359 | 0.00662 | 0.0129 | 0.0004723 | 0.00053 | 0.0172 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 panama ave | lte02ft | cadmium | mg/kg | 8 | 12 | 67 | 0.31 | 0.591 | 0.412 | 0.0903 | 0.0883 | 0.0883 | 0.427 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte02ft | chrysene | mg/kg | 7 | 12 | 58 | 0.00066 | 0.091 | 0.0167 | 0.033 | 0.00058 | 0.0012 | 0.0252 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 panama ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 6.15 | 9.09 | 7.251 | 1.03 | -- | -- | 7.785 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 5.97 | 13.2 | 8.603 | 2.245 | -- | -- | 9.766 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 3.51 | 14.5 | 6.315 | 3.456 | -- | -- | 8.193 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 panama ave | lte02ft | pyrene | mg/kg | 9 | 12 | 75 | 0.0009 | 0.047 | 0.009 | 0.0148 | 0.00049 | 0.0008 | 0.0238 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 panama ave | lte02ft | tph as gasoline | mg/kg | 10 | 12 | 83 | 0.043 | 0.13 | 0.082 | 0.0275 | 0.05 | 0.053 | 0.0909 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte02ft | tph as motor oil | mg/kg | 5 | 12 | 42 | 7.5 | 260 | 101.1 | 116.3 | 7 | 7 | 103.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 19.4 | 29.2 | 23.43 | 3.121 | -- | -- | 25.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 23.5 | 47.5 | 31.13 | 6.905 | -- | -- | 34.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte05ft | arsenic | mg/kg | 18 | 18 | 100 | 2.45 | 6.01 | 4.257 | 1.127 | -- | -- | 4.719 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte05ft | bap teq | mg/kg | 10 | 18 | 56 | 0.000476 | 0.0359 | 0.00517 | 0.0109 | 0.0004723 | 0.00053 | 0.0118 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 panama ave | lte05ft | benzene | µg/kg | 5 | 18 | 28 | 0.12 | 0.36 | 0.188 | 0.0986 | 0.099 | 0.13 | 0.164 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 5 | 18 | 28 | 0.0014 | 0.042 | 0.0107 | 0.0175 | 0.0007 | 0.0033 | 0.0107 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 5 | 18 | 28 | 0.0013 | 0.024 | 0.00638 | 0.00988 | 0.0005 | 0.0025 | 0.00509 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 5 | 18 | 28 | 0.0013 | 0.016 | 0.00438 | 0.0065 | 0.0004 | 0.0018 | 0.00408 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 panama ave | lte05ft | cadmium | mg/kg | 12 | 18 | 67 | 0.31 | 0.591 | 0.421 | 0.0751 | 0.0883 | 0.0883 | 0.424 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 18 | 39 | 0.26 | 0.8 | 0.539 | 0.203 | 0.22 | 0.22 | 0.511 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte05ft | chrysene | mg/kg | 10 | 18 | 56 | 0.00066 | 0.091 | 0.0127 | 0.0277 | 0.00058 | 0.0012 | 0.0178 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 panama ave | lte05ft | cobalt | mg/kg | 18 | 18 | 100 | 6.15 | 9.54 | 7.757 | 1.217 | -- | -- | 8.287 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 panama ave | lte05ft | copper | mg/kg | 18 | 18 | 100 | 5.97 | 13.2 | 8.944 | 1.992 | -- | -- | 9.761 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 18 | 28 | 0.00056 | 0.011 | 0.00289 | 0.00454 | 0.00053 | 0.0043 | 0.00316 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 panama ave | lte05ft | lead | mg/kg | 18 | 18 | 100 | 3.51 | 14.5 | 5.993 | 2.824 | -- | -- | 7.213 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 panama ave | lte05ft | pyrene | mg/kg | 12 | 18 | 67 | 0.00052 | 0.047 | 0.00771 | 0.013 | 0.00049 | 0.0008 | 0.0103 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 panama ave | lte05ft | tph as gasoline | mg/kg | 10 | 18 | 56 | 0.043 | 0.13 | 0.082 | 0.0275 | 0.038 | 0.057 | 0.0793 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte05ft | tph as motor oil | mg/kg | 6 | 18 | 33 | 7.5 | 260 | 88.75 | 108.4 | 7 | 7 | 65.47 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 panama ave | lte05ft | vanadium | mg/kg | 18 | 18 | 100 | 19.4 | 35 | 26.44 | 5.209 | -- | -- | 28.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte05ft | zinc | mg/kg | 18 | 18 | 100 | 23.5 | 47.5 | 32.49 | 6.026 | -- | -- | 34.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 5 | 24 | 21 | 0.0012 | 0.019 | 0.00798 | 0.00671 | 0.0006 | 0.003 | 0.00768 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte10ft | arsenic | mg/kg | 24 | 24 | 100 | 2.45 | 6.01 | 4.152 | 1.029 | -- | -- | 4.512 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte10ft | bap teq | mg/kg | 10 | 24 | 42 | 0.000476 | 0.0359 | 0.00517 | 0.0109 | 0.0004723 | 0.00053 | 0.00537 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 panama ave | lte10ft | benzene | µg/kg | 7 | 24 | 29 | 0.12 | 2.7 | 0.547 | 0.953 | 0.099 | 0.13 | 0.556 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 5 | 24 | 21 | 0.0014 | 0.042 | 0.0107 | 0.0175 | 0.0007 | 0.0033 | 0.0091 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 5 | 24 | 21 | 0.0013 | 0.024 | 0.00638 | 0.00988 | 0.0005 | 0.0025 | 0.00413 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 24 | 21 | 0.0013 | 0.016 | 0.00438 | 0.0065 | 0.0004 | 0.0018 | 0.00383 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 panama ave | lte10ft | cadmium | mg/kg | 16 | 24 | 67 | 0.177 | 0.591 | 0.374 | 0.11 | 0.0883 | 0.0883 | 0.365 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24529 panama ave | lte10ft | chromium, hexavalent | mg/kg | 10 | 24 | 42 | 0.26 | 0.8 | 0.519 | 0.184 | 0.22 | 0.22 | 0.463 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte10ft | chrysene | mg/kg | 10 | 24 | 42 | 0.00066 | 0.091 | 0.0127 | 0.0277 | 0.00058 | 0.0012 | 0.0123 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 panama ave | lte10ft | cobalt | mg/kg | 24 | 24 | 100 | 1.2 | 9.54 | 6.535 | 2.463 | -- | -- | 8.726 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 panama ave | lte10ft | copper | mg/kg | 24 | 24 | 100 | 2.05 | 13.2 | 7.662 | 2.953 | -- | -- | 8.695 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 24 | 21 | 0.00056 | 0.011 | 0.00289 | 0.00454 | 0.00053 | 0.0043 | 0.00253 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 panama ave | lte10ft | lead | mg/kg | 24 | 24 | 100 | 0.512 | 14.5 | 4.971 | 3.056 | -- | -- | 6.232 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 panama ave | lte10ft | naphthalene | mg/kg | 6 | 24 | 25 | 0.0025 | 0.034 | 0.00898 | 0.0123 | 0.00027 | 0.00083 | 0.00683 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 panama ave | lte10ft | pyrene | mg/kg | 13 | 24 | 54 | 0.00052 | 0.047 | 0.0073 | 0.0125 | 0.00049 | 0.0008 | 0.013 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 panama ave | lte10ft | tph as gasoline | mg/kg | 10 | 24 | 42 | 0.043 | 0.13 | 0.082 | 0.0275 | 0.038 | 0.067 | 0.0744 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte10ft | tph as motor oil | mg/kg | 6 | 24 | 25 | 7.5 | 260 | 88.75 | 108.4 | 7 | 7 | 51.07 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 panama ave | lte10ft | vanadium | mg/kg | 24 | 24 | 100 | 4.77 | 35 | 22.5 | 8.487 | -- | -- | 25.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 panama ave | lte10ft | zinc | mg/kg | 24 | 24 | 100 | 7.42 | 47.5 | 28.03 | 9.762 | -- | -- | 31.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.0064 | 0.15 | 0.0355 | 0.0427 | 0.0006 | 0.0006 | 0.0818 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 2.93 | 6.82 | 4.535 | 1.244 | -- | -- | 5.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte02ft | bap teq | mg/kg | 11 | 12 | 92 | 0.0008049 | 0.292 | 0.0651 | 0.0858 | 0.0005134 | 0.0005134 | 0.166 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 12 | 83 | 0.0043 | 0.25 | 0.0571 | 0.0734 | 0.00065 | 0.00065 | 0.137 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 12 | 92 | 0.0005 | 0.22 | 0.0475 | 0.0644 | 0.00049 | 0.00049 | 0.123 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 12 | 92 | 0.00054 | 0.094 | 0.0256 | 0.029 | 0.00035 | 0.00035 | 0.0596 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0038 | 0.016 | 0.00907 | 0.00467 | 0.0011 | 0.056 | 0.0104 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte02ft | cadmium | mg/kg | 10 | 12 | 83 | 0.108 | 3.72 | 0.687 | 1.116 | 0.0883 | 0.0883 | 1.904 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 ravenna ave | lte02ft | chrysene | mg/kg | 10 | 12 | 83 | 0.0083 | 0.75 | 0.165 | 0.226 | 0.0012 | 0.0012 | 0.41 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 6.51 | 9.49 | 7.648 | 1.09 | -- | -- | 8.214 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 6.75 | 32.5 | 15.48 | 8.319 | -- | -- | 20.27 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 12 | 83 | 0.0017 | 0.058 | 0.0169 | 0.0188 | 0.00067 | 0.00067 | 0.0373 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 12 | 83 | 0.0038 | 0.08 | 0.0232 | 0.0258 | 0.00087 | 0.00087 | 0.0512 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 2.41 | 39.6 | 14.45 | 11.75 | -- | -- | 22.75 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | naphthalene | mg/kg | 10 | 12 | 83 | 0.0044 | 0.09 | 0.0285 | 0.0272 | 0.00061 | 0.00076 | 0.0379 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0015 | 0.49 | 0.084 | 0.136 | -- | -- | 0.187 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | tph as diesel | mg/kg | 9 | 12 | 75 | 35 | 700 | 233.4 | 244.6 | 4.8 | 4.8 | 474 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | tph as gasoline | mg/kg | 7 | 12 | 58 | 0.059 | 0.2 | 0.111 | 0.0559 | 0.048 | 0.076 | 0.116 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte02ft | tph as motor oil | mg/kg | 10 | 12 | 83 | 10 | 2300 | 629.4 | 725.1 | 7 | 7 | 1414 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 21.6 | 31.3 | 26.48 | 3.228 | -- | -- | 28.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 23.5 | 195 | 62.48 | 49.37 | -- | -- | 89.67 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 19 | 32 | 0.005 | 5.3 | 0.89 | 2.161 | 0.0011 | 0.054 | 1.58 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 19 | 68 | 0.0061 | 6.5 | 0.529 | 1.794 | 0.0006 | 0.003 | 1.87 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 2.83 | 9.29 | 5.276 | 1.929 | -- | -- | 6.044 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte05ft | bap teq | mg/kg | 16 | 19 | 84 | 0.0008049 | 0.292 | 0.0494 | 0.0751 | 0.0005134 | 0.103 | 0.114 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | benzene | µg/kg | 7 | 19 | 37 | 0.13 | 0.73 | 0.327 | 0.239 | 0.097 | 0.13 | 0.281 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 19 | 68 | 0.0013 | 0.25 | 0.048 | 0.0663 | 0.00065 | 0.13 | 0.0619 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 19 | 79 | 0.0005 | 0.22 | 0.0386 | 0.0573 | 0.00049 | 0.099 | 0.0847 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 19 | 68 | 0.00052 | 0.094 | 0.0222 | 0.0278 | 0.00035 | 0.07 | 0.0272 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 19 | 32 | 0.0038 | 0.016 | 0.00907 | 0.00467 | 0.0011 | 0.23 | 0.00935 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte05ft | cadmium | mg/kg | 12 | 19 | 63 | 0.108 | 3.72 | 0.594 | 1.033 | 0.0883 | 0.0883 | 1.271 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte05ft | chrysene | mg/kg | 14 | 19 | 74 | 0.006 | 0.75 | 0.133 | 0.197 | 0.0012 | 0.24 | 0.281 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 6.51 | 11.2 | 8.25 | 1.347 | -- | -- | 8.786 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 6.75 | 32.5 | 14.8 | 7.215 | -- | -- | 17.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 19 | 53 | 0.0017 | 0.058 | 0.0169 | 0.0188 | 0.00067 | 0.13 | 0.0193 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 19 | 58 | 0.0038 | 0.08 | 0.0229 | 0.0245 | 0.00087 | 0.17 | 0.0242 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 2.41 | 39.6 | 10.65 | 10.6 | -- | -- | 15.48 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 ravenna ave | lte05ft | naphthalene | mg/kg | 14 | 19 | 74 | 0.0018 | 1.9 | 0.157 | 0.502 | 0.00061 | 0.00076 | 0.553 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24529 ravenna ave | lte05ft | pyrene | mg/kg | 19 | 19 | 100 | 0.0013 | 0.49 | 0.0868 | 0.142 | -- | -- | 0.167 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | tph as diesel | mg/kg | 15 | 19 | 79 | 5.5 | 4800 | 590.3 | 1219 | 4.8 | 4.8 | 1578 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | tph as gasoline | mg/kg | 11 | 19 | 58 | 0.059 | 100 | 9.227 | 30.11 | 0.048 | 0.076 | 28.76 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte05ft | tph as motor oil | mg/kg | 16 | 19 | 84 | 10 | 5800 | 980.4 | 1507 | 7 | 7 | 2258 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 21.6 | 42.3 | 29.46 | 6.003 | -- | -- | 31.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 23.4 | 195 | 53.26 | 40.93 | -- | -- | 94.19 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 11 | 26 | 42 | 0.005 | 21 | 5.713 | 6.75 | 0.0011 | 0.054 | 6.945 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 19 | 26 | 73 | 0.0006 | 35 | 4.878 | 9.405 | 0.0006 | 0.003 | 10.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte10ft | arsenic | mg/kg | 26 | 26 | 100 | 2.83 | 9.29 | 5.206 | 1.998 | -- | -- | 5.926 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24529 ravenna ave | lte10ft | bap teq | mg/kg | 20 | 26 | 77 | 0.0005539 | 0.292 | 0.0502 | 0.0688 | 0.0005134 | 0.208 | 0.0968 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte10ft | benzene | µg/kg | 9 | 26 | 35 | 0.12 | 290 | 32.49 | 96.57 | 0.097 | 14 | 61.87 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 14 | 26 | 54 | 0.0013 | 0.25 | 0.0493 | 0.0639 | 0.00065 | 0.26 | 0.0549 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 15 | 26 | 58 | 0.0005 | 0.22 | 0.0386 | 0.0573 | 0.00049 | 0.2 | 0.0442 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 14 | 26 | 54 | 0.0005 | 0.094 | 0.0206 | 0.0273 | 0.00035 | 0.14 | 0.0217 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 26 | 23 | 0.0038 | 0.016 | 0.00907 | 0.00467 | 0.0011 | 0.45 | 0.0088 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte10ft | cadmium | mg/kg | 14 | 26 | 54 | 0.103 | 3.72 | 0.53 | 0.964 | 0.0883 | 0.0883 | 0.966 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte10ft | chrysene | mg/kg | 18 | 26 | 69 | 0.0014 | 0.75 | 0.145 | 0.185 | 0.0012 | 0.45 | 0.177 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte10ft | cobalt | mg/kg | 26 | 26 | 100 | 2.13 | 11.2 | 7.319 | 2.285 | -- | -- | 8.084 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte10ft | copper | mg/kg | 26 | 26 | 100 | 2.65 | 41.6 | 13.99 | 9.361 | -- | -- | 17.56 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 26 | 38 | 0.0017 | 0.058 | 0.0169 | 0.0188 | 0.00067 | 0.27 | 0.0153 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte10ft | ethylbenzene | µg/kg | 6 | 26 | 23 | 2 | 4300 | 1970 | 1930 | 0.11 | 0.15 | 1448 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 26 | 42 | 0.0038 | 0.08 | 0.0229 | 0.0245 | 0.00087 | 0.35 | 0.0222 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte10ft | lead | mg/kg | 26 | 26 | 100 | 0.667 | 39.6 | 8.215 | 9.888 | -- | -- | 14.22 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24529 ravenna ave | lte10ft | naphthalene | mg/kg | 21 | 26 | 81 | 0.0013 | 15 | 1.896 | 3.86 | 0.00061 | 0.00076 | 4.568 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte10ft | pyrene | mg/kg | 24 | 26 | 92 | 0.0013 | 0.49 | 0.101 | 0.142 | 0.16 | 0.33 | 0.216 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte10ft | toluene | µg/kg | 5 | 26 | 19 | 0.58 | 1.6 | 0.984 | 0.416 | 0.4 | 54 | 0.947 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte10ft | tph as diesel | mg/kg | 20 | 26 | 77 | 5.5 | 11000 | 2228 | 3250 | 4.8 | 4.8 | 4286 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24529 ravenna ave | lte10ft | tph as gasoline | mg/kg | 16 | 26 | 62 | 0.059 | 1100 | 223.2 | 365.8 | 0.048 | 0.076 | 400.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24529 ravenna ave | lte10ft | tph as motor oil | mg/kg | 21 | 26 | 81 | 10 | 11000 | 2499 | 3208 | 7 | 7 | 4630 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24529 ravenna ave | lte10ft | vanadium | mg/kg | 26 | 26 | 100 | 8.86 | 42.3 | 27.02 | 8.389 | -- | -- | 29.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24529 ravenna ave | lte10ft | zinc | mg/kg | 26 | 26 | 100 | 13.3 | 195 | 45.42 | 37.46 | -- | -- | 56.13 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24532 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 12 | 67 | 0.0017 | 0.016 | 0.00785 | 0.00511 | 0.0006 | 0.0024 | 0.0087 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 2.19 | 6.75 | 4.668 | 1.142 | -- | -- | 5.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | bap teq | mg/kg | 9 | 12 | 75 | 0.0032 | 0.043 | 0.0156 | 0.0131 | 0.0005134 | 0.00208 | 0.0192 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | benzene | µg/kg | 10 | 12 | 83 | 0.14 | 28 | 2.982 | 8.791 | 0.11 | 0.11 | 12.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 7 | 12 | 58 | 0.0029 | 0.031 | 0.0142 | 0.0116 | 0.00065 | 0.0026 | 0.0153 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 8 | 12 | 67 | 0.0024 | 0.036 | 0.0133 | 0.011 | 0.00049 | 0.0039 | 0.0152 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0013 | 0.025 | 0.00837 | 0.00897 | 0.00035 | 0.0028 | 0.00915 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | cadmium | mg/kg | 8 | 12 | 67 | 0.092 | 0.33 | 0.225 | 0.0709 | 0.0099 | 0.0099 | 0.241 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | chrysene | mg/kg | 8 | 12 | 67 | 0.0065 | 0.072 | 0.0327 | 0.0238 | 0.0012 | 0.0047 | 0.0373 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 8.04 | 12.9 | 10.72 | 1.745 | -- | -- | 11.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 15.4 | 26.4 | 19.97 | 3.838 | -- | -- | 21.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 12 | 42 | 0.0015 | 0.011 | 0.00562 | 0.0041 | 0.00087 | 0.0069 | 0.00635 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 3.56 | 22.7 | 8.763 | 5.412 | -- | -- | 11.88 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte02ft | naphthalene | mg/kg | 9 | 12 | 75 | 0.00045 | 0.032 | 0.00685 | 0.00973 | 0.00025 | 0.00071 | 0.0165 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte02ft | pyrene | mg/kg | 7 | 12 | 58 | 0.0035 | 0.041 | 0.0191 | 0.0145 | 0.00082 | 0.0033 | 0.021 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | tph as diesel | mg/kg | 11 | 12 | 92 | 15 | 470 | 130.7 | 165.1 | 4.8 | 4.8 | 324.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 19 | 1500 | 405.2 | 506.7 | -- | -- | 842.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 27.6 | 49.7 | 36.63 | 5.751 | -- | -- | 39.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 39.5 | 86.3 | 56.76 | 12.56 | -- | -- | 63.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 21 | 43 | 0.23 | 40000 | 6776 | 13150 | 0.091 | 0.54 | 6410 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 11 | 21 | 52 | 0.0033 | 19 | 5.664 | 7.094 | 0.0011 | 0.0086 | 5.142 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 21 | 76 | 0.0017 | 32 | 6.074 | 10.24 | 0.0006 | 0.0024 | 13.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte05ft | arsenic | mg/kg | 21 | 21 | 100 | 2.19 | 13.1 | 5.111 | 2.079 | -- | -- | 5.843 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 marbella ave | lte05ft | bap teq | mg/kg | 16 | 21 | 76 | 0.00307 | 0.273 | 0.0527 | 0.0805 | 0.0005134 | 0.208 | 0.112 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte05ft | benzene | µg/kg | 19 | 21 | 90 | 0.14 | 5400 | 357.1 | 1240 | 0.11 | 0.11 | 1450 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 21 | 62 | 0.0029 | 0.32 | 0.0689 | 0.11 | 0.00065 | 0.26 | 0.136 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 11 | 21 | 52 | 0.0024 | 0.2 | 0.0306 | 0.0571 | 0.00049 | 0.2 | 0.0403 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 9 | 21 | 43 | 0.0013 | 0.085 | 0.0161 | 0.0269 | 0.00035 | 0.14 | 0.0169 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte05ft | cadmium | mg/kg | 15 | 21 | 71 | 0.092 | 0.33 | 0.205 | 0.0663 | 0.0099 | 0.0099 | 0.21 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 21 | 29 | 0.11 | 0.22 | 0.16 | 0.0358 | 0.22 | 0.22 | 0.169 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte05ft | chrysene | mg/kg | 14 | 21 | 67 | 0.0051 | 0.61 | 0.107 | 0.172 | 0.0012 | 0.45 | 0.22 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 marbella ave | lte05ft | cobalt | mg/kg | 21 | 21 | 100 | 8.04 | 18.3 | 11.17 | 2.153 | -- | -- | 11.98 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte05ft | copper | mg/kg | 21 | 21 | 100 | 15.4 | 36.1 | 21.88 | 4.72 | -- | -- | 23.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 21 | 24 | 0.0028 | 0.072 | 0.0188 | 0.0299 | 0.00067 | 0.27 | 0.0151 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 marbella ave | lte05ft | ethylbenzene | µg/kg | 9 | 21 | 43 | 0.14 | 12000 | 3539 | 4744 | 0.12 | 0.16 | 2879 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 21 | 38 | 0.0015 | 0.076 | 0.0141 | 0.0252 | 0.00087 | 0.35 | 0.0162 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 marbella ave | lte05ft | lead | mg/kg | 21 | 21 | 100 | 3 | 22.7 | 7.396 | 4.759 | -- | -- | 9.182 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24532 marbella ave | lte05ft | naphthalene | mg/kg | 17 | 21 | 81 | 0.00045 | 14 | 2.5 | 4.496 | 0.00025 | 0.00071 | 5.99 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte05ft | pyrene | mg/kg | 13 | 21 | 62 | 0.0035 | 1.2 | 0.164 | 0.334 | 0.00082 | 0.33 | 0.367 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 marbella ave | lte05ft | tph as diesel | mg/kg | 20 | 21 | 95 | 8.9 | 22000 | 3295 | 6168 | 4.8 | 4.8 | 8905 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte05ft | tph as gasoline | mg/kg | 13 | 21 | 62 | 0.065 | 1900 | 444.2 | 688.8 | 0.049 | 0.066 | 488 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 marbella ave | lte05ft | tph as motor oil | mg/kg | 21 | 21 | 100 | 15 | 19000 | 3143 | 5438 | -- | -- | 8315 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 marbella ave | lte05ft | vanadium | mg/kg | 21 | 21 | 100 | 27.6 | 56.4 | 39.02 | 6.288 | -- | -- | 41.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte05ft | xylenes, total | µg/kg | 7 | 21 | 33 | 0.21 | 14000 | 2528 | 5122 | 0.16 | 16 | 2057 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte05ft | zinc | mg/kg | 21 | 21 | 100 | 39.5 | 86.3 | 58.69 | 11.66 | -- | -- | 63.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 27 | 48 | 0.23 | 40000 | 6960 | 11547 | 0.091 | 0.56 | 6237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 27 | 19 | 20 | 3400 | 1252 | 1515 | 0.077 | 87 | 841.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 17 | 27 | 63 | 0.0016 | 34 | 8.408 | 10.5 | 0.0011 | 0.0086 | 8.263 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 22 | 27 | 81 | 0.0017 | 56 | 10.51 | 16.26 | 0.0006 | 0.0024 | 21.36 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte10ft | arsenic | mg/kg | 27 | 27 | 100 | 2.19 | 16.1 | 5.303 | 2.898 | -- | -- | 6.304 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte10ft | bap teq | mg/kg | 20 | 27 | 74 | 0.0017 | 0.273 | 0.0647 | 0.0905 | 0.0005134 | 0.208 | 0.12 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 marbella ave | lte10ft | benzene | µg/kg | 22 | 27 | 81 | 0.14 | 5400 | 444 | 1256 | 0.11 | 120 | 1325 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 16 | 27 | 59 | 0.00093 | 0.35 | 0.0783 | 0.124 | 0.00065 | 0.26 | 0.14 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 13 | 27 | 48 | 0.0011 | 0.2 | 0.0264 | 0.0532 | 0.00049 | 0.2 | 0.0288 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 11 | 27 | 41 | 0.00074 | 0.085 | 0.0134 | 0.0248 | 0.00035 | 0.14 | 0.0146 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte10ft | cadmium | mg/kg | 16 | 27 | 59 | 0.092 | 0.33 | 0.204 | 0.0641 | 0.0099 | 0.0883 | 0.196 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 27 | 26 | 0.11 | 0.22 | 0.153 | 0.0377 | 0.038 | 0.22 | 0.16 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte10ft | chrysene | mg/kg | 16 | 27 | 59 | 0.0051 | 0.61 | 0.129 | 0.197 | 0.0012 | 0.47 | 0.225 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 marbella ave | lte10ft | cobalt | mg/kg | 27 | 27 | 100 | 4.72 | 18.3 | 10.59 | 2.872 | -- | -- | 11.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte10ft | copper | mg/kg | 27 | 27 | 100 | 8.07 | 36.1 | 20.79 | 6.804 | -- | -- | 23.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 27 | 22 | 0.0008 | 0.072 | 0.0158 | 0.0277 | 0.00067 | 0.27 | 0.0119 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte10ft | ethylbenzene | µg/kg | 14 | 27 | 52 | 0.14 | 26000 | 6207 | 8201 | 0.12 | 0.16 | 5317 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 27 | 37 | 0.00095 | 0.076 | 0.0115 | 0.0229 | 0.00087 | 0.35 | 0.0136 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 marbella ave | lte10ft | lead | mg/kg | 27 | 27 | 100 | 1.38 | 22.7 | 6.559 | 4.62 | -- | -- | 8.14 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte10ft | naphthalene | mg/kg | 23 | 27 | 85 | 0.00045 | 34 | 5.214 | 9.064 | 0.00025 | 0.00071 | 11.64 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte10ft | pyrene | mg/kg | 16 | 27 | 59 | 0.002 | 1.2 | 0.173 | 0.326 | 0.00082 | 0.33 | 0.33 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 marbella ave | lte10ft | toluene | µg/kg | 5 | 27 | 19 | 0.14 | 21 | 4.352 | 9.307 | 0.4 | 130 | 6.175 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte10ft | tph as diesel | mg/kg | 25 | 27 | 93 | 8.9 | 32000 | 5009 | 8314 | 4.8 | 4.8 | 11443 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 marbella ave | lte10ft | tph as gasoline | mg/kg | 17 | 27 | 63 | 0.065 | 5000 | 977.3 | 1438 | 0.049 | 0.066 | 1038 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte10ft | tph as motor oil | mg/kg | 26 | 27 | 96 | 15 | 30000 | 4743 | 7569 | 7 | 7 | 10845 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 marbella ave | lte10ft | vanadium | mg/kg | 27 | 27 | 100 | 18.4 | 86 | 38.15 | 12.67 | -- | -- | 42.56 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24532 marbella ave | lte10ft | xylenes, total | µg/kg | 11 | 27 | 41 | 0.21 | 14000 | 2927 | 4750 | 0.16 | 16 | 2304 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 marbella ave | lte10ft | zinc | mg/kg | 27 | 27 | 100 | 27.7 | 86.3 | 54.55 | 14.56 | -- | -- | 59.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 12 | 75 | 0.0006 | 0.0058 | 0.00177 | 0.00169 | 0.0006 | 0.0006 | 0.00227 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 1.15 | 6.96 | 3.044 | 1.643 | -- | -- | 3.896 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte02ft | bap teq | mg/kg | 9 | 12 | 75 | 0.0027 | 0.0285 | 0.0104 | 0.0072 | 0.00053 | 0.00053 | 0.0123 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 neptune ave | lte02ft | benzene | µg/kg | 8 | 12 | 67 | 0.13 | 0.52 | 0.385 | 0.156 | 0.1 | 0.12 | 0.457 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 12 | 75 | 0.0023 | 0.013 | 0.00547 | 0.00313 | 0.0007 | 0.0007 | 0.00635 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 12 | 75 | 0.002 | 0.02 | 0.0074 | 0.00507 | 0.0005 | 0.0005 | 0.00898 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 12 | 75 | 0.0014 | 0.024 | 0.00782 | 0.00644 | 0.0004 | 0.0004 | 0.00998 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 12 | 58 | 0.003 | 0.015 | 0.00611 | 0.00405 | 0.0011 | 0.0023 | 0.00664 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte02ft | chrysene | mg/kg | 9 | 12 | 75 | 0.0037 | 0.028 | 0.0107 | 0.00722 | 0.0012 | 0.0012 | 0.0128 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 4 | 14.9 | 7.519 | 3.528 | -- | -- | 9.566 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 neptune ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 5.39 | 27.8 | 14.33 | 8.299 | -- | -- | 18.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 12 | 50 | 0.0009 | 0.0049 | 0.00192 | 0.0015 | 0.0007 | 0.0013 | 0.00203 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 12 | 67 | 0.0012 | 0.021 | 0.00638 | 0.00607 | 0.0009 | 0.0017 | 0.00873 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 neptune ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4 | 51.7 | 18.75 | 15.3 | -- | -- | 26.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte02ft | naphthalene | mg/kg | 5 | 12 | 42 | 0.0009 | 0.0025 | 0.00132 | 0.00066483 | 0.00025 | 0.00031 | 0.00138 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 neptune ave | lte02ft | pyrene | mg/kg | 9 | 12 | 75 | 0.0034 | 0.017 | 0.0102 | 0.00413 | 0.0008 | 0.0008 | 0.0112 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte02ft | toluene | µg/kg | 6 | 12 | 50 | 0.26 | 0.66 | 0.398 | 0.138 | 0.12 | 0.14 | 0.422 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte02ft | tph as diesel | mg/kg | 5 | 12 | 42 | 8.8 | 32 | 17.36 | 9.335 | 4.8 | 4.8 | 17.92 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte02ft | tph as gasoline | mg/kg | 7 | 12 | 58 | 0.055 | 0.22 | 0.106 | 0.0605 | 0.048 | 0.057 | 0.113 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 neptune ave | lte02ft | tph as motor oil | mg/kg | 9 | 12 | 75 | 8.2 | 140 | 44.69 | 43.92 | 7 | 7 | 87.86 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 14.8 | 40 | 24.11 | 8.728 | -- | -- | 28.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 21.3 | 85.6 | 50.45 | 21 | -- | -- | 61.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 18 | 67 | 0.0006 | 0.0058 | 0.00163 | 0.00148 | 0.0006 | 0.0012 | 0.00198 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24532 neptune ave | lte05ft | arsenic | mg/kg | 18 | 18 | 100 | 1.15 | 7.66 | 3.619 | 1.82 | -- | -- | 4.365 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte05ft | bap teq | mg/kg | 12 | 18 | 67 | 0.0027 | 0.0285 | 0.00933 | 0.00656 | 0.00053 | 0.00053 | 0.0108 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 neptune ave | lte05ft | benzene | µg/kg | 11 | 18 | 61 | 0.13 | 0.64 | 0.435 | 0.16 | 0.1 | 0.12 | 0.463 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 12 | 18 | 67 | 0.0018 | 0.013 | 0.00515 | 0.00288 | 0.0007 | 0.0007 | 0.0054 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 12 | 18 | 67 | 0.002 | 0.02 | 0.00664 | 0.00462 | 0.0005 | 0.0005 | 0.00718 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 12 | 18 | 67 | 0.0014 | 0.024 | 0.00686 | 0.00583 | 0.0004 | 0.0004 | 0.00861 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 18 | 56 | 0.0015 | 0.015 | 0.00525 | 0.00366 | 0.0011 | 0.0023 | 0.00496 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte05ft | cadmium | mg/kg | 6 | 18 | 33 | 0.0985 | 1.35 | 0.516 | 0.462 | 0.0883 | 0.0883 | 0.476 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte05ft | chrysene | mg/kg | 12 | 18 | 67 | 0.0024 | 0.028 | 0.00932 | 0.00671 | 0.0012 | 0.0012 | 0.01 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte05ft | cobalt | mg/kg | 18 | 18 | 100 | 4 | 14.9 | 7.436 | 2.942 | -- | -- | 8.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte05ft | copper | mg/kg | 18 | 18 | 100 | 5.39 | 80.8 | 17.6 | 17.39 | -- | -- | 24.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 18 | 33 | 0.0009 | 0.0049 | 0.00192 | 0.0015 | 0.0007 | 0.0013 | 0.00166 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 18 | 61 | 0.0012 | 0.021 | 0.0056 | 0.0053 | 0.0009 | 0.0017 | 0.00721 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 neptune ave | lte05ft | lead | mg/kg | 18 | 18 | 100 | 4 | 51.7 | 17.3 | 14.64 | -- | -- | 24.84 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte05ft | naphthalene | mg/kg | 6 | 18 | 33 | 0.0009 | 0.0027 | 0.00155 | 0.00081915 | 0.00025 | 0.00047 | 0.00141 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 neptune ave | lte05ft | pyrene | mg/kg | 12 | 18 | 67 | 0.0034 | 0.017 | 0.00927 | 0.00406 | 0.0008 | 0.0008 | 0.00944 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte05ft | toluene | µg/kg | 9 | 18 | 50 | 0.26 | 0.66 | 0.408 | 0.111 | 0.12 | 0.14 | 0.409 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte05ft | tph as diesel | mg/kg | 7 | 18 | 39 | 8.8 | 32 | 18.54 | 9.946 | 4.8 | 4.8 | 16.83 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte05ft | tph as gasoline | mg/kg | 7 | 18 | 39 | 0.055 | 0.22 | 0.106 | 0.0605 | 0.048 | 0.12 | 0.0946 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 neptune ave | lte05ft | tph as motor oil | mg/kg | 13 | 18 | 72 | 7.1 | 140 | 47.02 | 40.83 | 7 | 7 | 52.39 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte05ft | vanadium | mg/kg | 18 | 18 | 100 | 14.8 | 60.6 | 27.98 | 11.33 | -- | -- | 32.93 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte05ft | zinc | mg/kg | 18 | 18 | 100 | 21.3 | 121 | 53.69 | 27.59 | -- | -- | 65.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 12 | 21 | 57 | 0.0006 | 0.0058 | 0.00163 | 0.00148 | 0.0006 | 0.0012 | 0.0017 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 neptune ave | lte10ft | arsenic | mg/kg | 21 | 21 | 100 | 1.15 | 7.66 | 3.564 | 1.706 | -- | -- | 4.206 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte10ft | bap teq | mg/kg | 12 | 21 | 57 | 0.0027 | 0.0285 | 0.00933 | 0.00656 | 0.00053 | 0.00053 | 0.00922 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 neptune ave | lte10ft | benzene | µg/kg | 11 | 21 | 52 | 0.13 | 0.64 | 0.435 | 0.16 | 0.1 | 0.12 | 0.458 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 12 | 21 | 57 | 0.0018 | 0.013 | 0.00515 | 0.00288 | 0.0007 | 0.0007 | 0.00476 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 12 | 21 | 57 | 0.002 | 0.02 | 0.00664 | 0.00462 | 0.0005 | 0.0005 | 0.00625 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 21 | 57 | 0.0014 | 0.024 | 0.00686 | 0.00583 | 0.0004 | 0.0004 | 0.00708 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 21 | 48 | 0.0015 | 0.015 | 0.00525 | 0.00366 | 0.0011 | 0.0023 | 0.00449 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte10ft | cadmium | mg/kg | 6 | 21 | 29 | 0.0985 | 1.35 | 0.516 | 0.462 | 0.0883 | 0.0883 | 0.426 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte10ft | chrysene | mg/kg | 12 | 21 | 57 | 0.0024 | 0.028 | 0.00932 | 0.00671 | 0.0012 | 0.0012 | 0.00869 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte10ft | cobalt | mg/kg | 21 | 21 | 100 | 3.13 | 14.9 | 6.856 | 3.08 | -- | -- | 8.099 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte10ft | copper | mg/kg | 21 | 21 | 100 | 3.59 | 80.8 | 15.7 | 16.73 | -- | -- | 21.68 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 21 | 29 | 0.0009 | 0.0049 | 0.00192 | 0.0015 | 0.0007 | 0.0013 | 0.00155 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 21 | 52 | 0.0012 | 0.021 | 0.0056 | 0.0053 | 0.0009 | 0.0017 | 0.00569 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 neptune ave | lte10ft | lead | mg/kg | 21 | 21 | 100 | 2.31 | 51.7 | 15.2 | 14.48 | -- | -- | 22.02 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte10ft | naphthalene | mg/kg | 6 | 21 | 29 | 0.0009 | 0.0027 | 0.00155 | 0.00081915 | 0.00025 | 0.00047 | 0.00139 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 neptune ave | lte10ft | pyrene | mg/kg | 12 | 21 | 57 | 0.0034 | 0.017 | 0.00927 | 0.00406 | 0.0008 | 0.0008 | 0.00892 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte10ft | toluene | µg/kg | 9 | 21 | 43 | 0.26 | 0.66 | 0.408 | 0.111 | 0.12 | 0.14 | 0.405 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte10ft | tph as diesel | mg/kg | 7 | 21 | 33 | 8.8 | 32 | 18.54 | 9.946 | 4.8 | 4.8 | 15.95 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte10ft | tph as gasoline | mg/kg | 7 | 21 | 33 | 0.055 | 0.22 | 0.106 | 0.0605 | 0.048 | 0.12 | 0.089 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 neptune ave | lte10ft | tph as motor oil | mg/kg | 13 | 21 | 62 | 7.1 | 140 | 47.02 | 40.83 | 7 | 7 | 46.89 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 neptune ave | lte10ft | vanadium | mg/kg | 21 | 21 | 100 | 13.7 | 60.6 | 26.18 | 11.41 | -- | -- | 30.69 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 neptune ave | lte10ft | zinc | mg/kg | 21 | 21 | 100 | 14.7 | 121 | 48.38 | 28.73 | -- | -- | 61.17 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 9 | 100 | 0.0013 | 0.097 | 0.0211 | 0.0293 | -- | -- | 0.0488 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | arsenic | mg/kg | 9 | 9 | 100 | 2.51 | 5.97 | 4.514 | 1.425 | -- | -- | 5.398 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte02ft | bap teq | mg/kg | 9 | 9 | 100 | 0.00192 | 0.206 | 0.044 | 0.0625 | -- | -- | 0.105 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | benzene | µg/kg | 7 | 9 | 78 | 0.12 | 0.22 | 0.156 | 0.0387 | 0.11 | 0.11 | 0.171 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 9 | 100 | 0.0027 | 0.25 | 0.0512 | 0.0762 | -- | -- | 0.121 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 9 | 100 | 0.0013 | 0.14 | 0.0299 | 0.0425 | -- | -- | 0.072 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 9 | 100 | 0.001 | 0.089 | 0.0185 | 0.0271 | -- | -- | 0.0437 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 9 | 89 | 0.00087 | 0.051 | 0.0113 | 0.0162 | 0.0007 | 0.0007 | 0.033 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte02ft | cadmium | mg/kg | 9 | 9 | 100 | 0.225 | 0.403 | 0.315 | 0.054 | -- | -- | 0.348 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte02ft | chrysene | mg/kg | 9 | 9 | 100 | 0.0058 | 0.59 | 0.14 | 0.177 | -- | -- | 0.326 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | cobalt | mg/kg | 9 | 9 | 100 | 5.78 | 7.45 | 6.506 | 0.497 | -- | -- | 6.813 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte02ft | copper | mg/kg | 9 | 9 | 100 | 5.29 | 26.6 | 11.09 | 6.23 | -- | -- | 15.35 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 9 | 89 | 0.00078 | 0.048 | 0.0117 | 0.015 | 0.00052 | 0.00052 | 0.0316 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 9 | 100 | 0.00064 | 0.052 | 0.0116 | 0.0158 | -- | -- | 0.0271 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24532 panama ave | lte02ft | lead | mg/kg | 9 | 9 | 100 | 3.57 | 18.3 | 7.546 | 4.442 | -- | -- | 10.64 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | pyrene | mg/kg | 9 | 9 | 100 | 0.0029 | 0.27 | 0.0603 | 0.0814 | -- | -- | 0.14 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | tph as diesel | mg/kg | 9 | 9 | 100 | 19 | 310 | 75.44 | 91.3 | -- | -- | 144.9 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 panama ave | lte02ft | tph as motor oil | mg/kg | 9 | 9 | 100 | 87 | 860 | 246.3 | 244.7 | -- | -- | 424.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte02ft | vanadium | mg/kg | 9 | 9 | 100 | 19 | 25.9 | 22.66 | 2.682 | -- | -- | 24.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte02ft | zinc | mg/kg | 9 | 9 | 100 | 23.2 | 95 | 36.46 | 22.13 | -- | -- | 51.37 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 16 | 31 | 0.0038 | 0.6 | 0.134 | 0.261 | 0.001 | 0.04 | 0.115 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 16 | 100 | 0.0013 | 0.16 | 0.0323 | 0.0467 | -- | -- | 0.0832 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte05ft | arsenic | mg/kg | 16 | 16 | 100 | 2.51 | 11.2 | 5.648 | 2.647 | -- | -- | 6.808 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte05ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00192 | 0.445 | 0.0734 | 0.116 | -- | -- | 0.141 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 panama ave | lte05ft | benzene | µg/kg | 10 | 16 | 63 | 0.12 | 0.25 | 0.172 | 0.048 | 0.1 | 9.9 | 0.176 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0023 | 0.52 | 0.0843 | 0.136 | -- | -- | 0.162 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.0013 | 0.31 | 0.0509 | 0.0807 | -- | -- | 0.0981 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 16 | 100 | 0.001 | 0.17 | 0.0292 | 0.0451 | -- | -- | 0.0552 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 16 | 88 | 0.00087 | 0.076 | 0.0167 | 0.0224 | 0.0007 | 0.0007 | 0.0382 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte05ft | cadmium | mg/kg | 16 | 16 | 100 | 0.225 | 0.43 | 0.318 | 0.0554 | -- | -- | 0.343 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte05ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0054 | 1.7 | 0.27 | 0.435 | -- | -- | 0.524 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte05ft | cobalt | mg/kg | 16 | 16 | 100 | 5.78 | 7.63 | 6.588 | 0.478 | -- | -- | 6.797 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte05ft | copper | mg/kg | 16 | 16 | 100 | 5.29 | 26.6 | 10.98 | 4.842 | -- | -- | 13.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 15 | 16 | 94 | 0.00053 | 0.094 | 0.0164 | 0.0247 | 0.00052 | 0.00052 | 0.0419 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 16 | 100 | 0.0006 | 0.093 | 0.0173 | 0.025 | -- | -- | 0.0321 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte05ft | lead | mg/kg | 16 | 16 | 100 | 3.57 | 18.3 | 7.499 | 3.849 | -- | -- | 9.234 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte05ft | naphthalene | mg/kg | 8 | 16 | 50 | 0.0015 | 0.14 | 0.0444 | 0.0601 | 0.00063 | 0.00081 | 0.0756 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte05ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0025 | 1.7 | 0.217 | 0.436 | -- | -- | 0.692 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte05ft | tph as diesel | mg/kg | 15 | 16 | 94 | 19 | 1800 | 283.4 | 513.3 | 4.8 | 4.8 | 813.3 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 panama ave | lte05ft | tph as gasoline | mg/kg | 5 | 16 | 31 | 0.071 | 56 | 17.8 | 22.73 | 0.039 | 0.046 | 19.44 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte05ft | tph as motor oil | mg/kg | 15 | 16 | 94 | 87 | 3300 | 548.5 | 869.3 | 7 | 7 | 1445 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 panama ave | lte05ft | vanadium | mg/kg | 16 | 16 | 100 | 19 | 29.2 | 24.03 | 3.151 | -- | -- | 25.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte05ft | zinc | mg/kg | 16 | 16 | 100 | 23.2 | 95 | 34.25 | 16.52 | -- | -- | 42.14 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 23 | 43 | 0.001 | 0.6 | 0.0973 | 0.188 | 0.001 | 0.08 | 0.0914 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 23 | 23 | 100 | 0.0013 | 0.49 | 0.0584 | 0.11 | -- | -- | 0.158 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | arsenic | mg/kg | 23 | 23 | 100 | 2.36 | 11.2 | 5.058 | 2.432 | -- | -- | 5.964 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte10ft | bap teq | mg/kg | 23 | 23 | 100 | 0.00192 | 0.923 | 0.128 | 0.225 | -- | -- | 0.332 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | benzene | µg/kg | 13 | 23 | 57 | 0.12 | 0.25 | 0.165 | 0.0454 | 0.1 | 11 | 0.164 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 23 | 23 | 100 | 0.0023 | 1.1 | 0.145 | 0.262 | -- | -- | 0.384 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 23 | 100 | 0.0013 | 0.63 | 0.0892 | 0.155 | -- | -- | 0.23 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 23 | 100 | 0.001 | 0.35 | 0.0495 | 0.0852 | -- | -- | 0.127 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 20 | 23 | 87 | 0.00078 | 0.16 | 0.0275 | 0.0418 | 0.0007 | 0.0007 | 0.0604 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | cadmium | mg/kg | 22 | 23 | 96 | 0.167 | 0.43 | 0.296 | 0.0638 | 0.135 | 0.135 | 0.315 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24532 panama ave | lte10ft | chrysene | mg/kg | 23 | 23 | 100 | 0.0054 | 3.3 | 0.473 | 0.836 | -- | -- | 1.233 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | cobalt | mg/kg | 23 | 23 | 100 | 2.68 | 7.63 | 6.083 | 1.176 | -- | -- | 6.505 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 panama ave | lte10ft | copper | mg/kg | 23 | 23 | 100 | 2.73 | 26.6 | 9.643 | 4.716 | -- | -- | 11.43 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 22 | 23 | 96 | 0.00053 | 0.23 | 0.0289 | 0.0535 | 0.00052 | 0.00052 | 0.0755 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 23 | 100 | 0.0006 | 0.21 | 0.0298 | 0.0509 | -- | -- | 0.0761 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | lead | mg/kg | 23 | 23 | 100 | 2.41 | 67.7 | 10.27 | 13.43 | -- | -- | 22.48 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 panama ave | lte10ft | naphthalene | mg/kg | 12 | 23 | 52 | 0.0015 | 0.15 | 0.0479 | 0.0605 | 0.00063 | 0.003 | 0.0711 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 panama ave | lte10ft | pyrene | mg/kg | 23 | 23 | 100 | 0.0025 | 2.3 | 0.405 | 0.715 | -- | -- | 1.055 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | tph as diesel | mg/kg | 21 | 23 | 91 | 14 | 4400 | 578.5 | 1073 | 4.8 | 4.8 | 1473 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 panama ave | lte10ft | tph as gasoline | mg/kg | 10 | 23 | 43 | 0.063 | 56 | 10.05 | 17.52 | 0.039 | 0.049 | 8.942 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 panama ave | lte10ft | tph as motor oil | mg/kg | 21 | 23 | 91 | 24 | 7400 | 1062 | 1835 | 7 | 7 | 2589 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24532 panama ave | lte10ft | vanadium | mg/kg | 23 | 23 | 100 | 9.33 | 29.2 | 22.28 | 4.956 | -- | -- | 24.05 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 panama ave | lte10ft | zinc | mg/kg | 23 | 23 | 100 | 14.1 | 95 | 32.07 | 15.18 | -- | -- | 37.89 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 15 | 40 | 0.0022 | 0.006 | 0.00347 | 0.00147 | 0.0011 | 0.0054 | 0.00343 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 15 | 73 | 0.0008 | 0.018 | 0.00599 | 0.00497 | 0.0006 | 0.003 | 0.0069 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | arsenic | mg/kg | 15 | 15 | 100 | 2.67 | 5.59 | 3.481 | 0.846 | -- | -- | 3.879 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 ravenna ave | lte02ft | bap teq | mg/kg | 7 | 15 | 47 | 0.00088 | 0.0269 | 0.00912 | 0.0089 | 0.00053 | 0.00208 | 0.00928 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | benzene | µg/kg | 7 | 15 | 47 | 0.13 | 0.91 | 0.453 | 0.347 | 0.12 | 0.14 | 0.425 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 5 | 15 | 33 | 0.0031 | 0.028 | 0.012 | 0.0102 | 0.0007 | 0.0026 | 0.0134 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 7 | 15 | 47 | 0.0006 | 0.02 | 0.00666 | 0.00665 | 0.0005 | 0.002 | 0.00671 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24532 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 5 | 15 | 33 | 0.001 | 0.015 | 0.00602 | 0.00532 | 0.0004 | 0.0018 | 0.00642 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | chromium, hexavalent | mg/kg | 8 | 15 | 53 | 0.24 | 0.44 | 0.349 | 0.0837 | 0.22 | 0.22 | 0.348 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | chrysene | mg/kg | 5 | 15 | 33 | 0.006 | 0.075 | 0.0324 | 0.0275 | 0.0012 | 0.0047 | 0.0367 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | cobalt | mg/kg | 15 | 15 | 100 | 6.56 | 11.5 | 8.685 | 1.569 | -- | -- | 9.398 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | copper | mg/kg | 15 | 15 | 100 | 7.56 | 12.1 | 9.047 | 1.487 | -- | -- | 9.723 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | lead | mg/kg | 15 | 15 | 100 | 3.91 | 11.3 | 5.907 | 2.198 | -- | -- | 6.947 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 ravenna ave | lte02ft | naphthalene | mg/kg | 9 | 15 | 60 | 0.0021 | 0.0084 | 0.0046 | 0.0023 | 0.00029 | 0.00035 | 0.00464 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | pyrene | mg/kg | 10 | 15 | 67 | 0.0009 | 0.034 | 0.00838 | 0.0105 | 0.0008 | 0.0033 | 0.0102 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 ravenna ave | lte02ft | toluene | µg/kg | 6 | 15 | 40 | 0.17 | 0.46 | 0.285 | 0.12 | 0.13 | 0.14 | 0.274 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | tph as diesel | mg/kg | 5 | 15 | 33 | 21 | 90 | 54.4 | 29.26 | 4.8 | 4.8 | 52.73 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | tph as motor oil | mg/kg | 5 | 15 | 33 | 69 | 360 | 183.8 | 110.6 | 7 | 7 | 186.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | vanadium | mg/kg | 15 | 15 | 100 | 21.4 | 36.6 | 28.37 | 3.917 | -- | -- | 30.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte02ft | zinc | mg/kg | 15 | 15 | 100 | 24.3 | 41.6 | 30.21 | 4.505 | -- | -- | 32.33 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 8 | 22 | 36 | 0.002 | 0.006 | 0.00333 | 0.00136 | 0.0011 | 0.0054 | 0.00306 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 22 | 64 | 0.0008 | 0.018 | 0.0056 | 0.00465 | 0.0006 | 0.003 | 0.00557 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 ravenna ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 2.67 | 6.51 | 4.053 | 1.209 | -- | -- | 4.523 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24532 ravenna ave | lte05ft | bap teq | mg/kg | 7 | 22 | 32 | 0.00088 | 0.0269 | 0.00912 | 0.0089 | 0.00053 | 0.00208 | 0.00792 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | benzene | µg/kg | 7 | 22 | 32 | 0.13 | 0.91 | 0.453 | 0.347 | 0.1 | 0.14 | 0.346 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 5 | 22 | 23 | 0.0031 | 0.028 | 0.012 | 0.0102 | 0.0007 | 0.0026 | 0.0119 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 7 | 22 | 32 | 0.0006 | 0.02 | 0.00666 | 0.00665 | 0.0005 | 0.002 | 0.00578 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 5 | 22 | 23 | 0.001 | 0.015 | 0.00602 | 0.00532 | 0.0004 | 0.0018 | 0.006 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 15 | 22 | 68 | 0.24 | 0.6 | 0.347 | 0.099 | 0.22 | 0.22 | 0.348 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | chrysene | mg/kg | 5 | 22 | 23 | 0.006 | 0.075 | 0.0324 | 0.0275 | 0.0012 | 0.0047 | 0.035 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 6.3 | 11.5 | 8.501 | 1.528 | -- | -- | 9.062 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 7.46 | 12.1 | 8.991 | 1.317 | -- | -- | 9.474 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 3.91 | 11.3 | 5.589 | 1.874 | -- | -- | 6.307 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 ravenna ave | lte05ft | naphthalene | mg/kg | 11 | 22 | 50 | 0.0021 | 0.0084 | 0.0046 | 0.00228 | 0.00026 | 0.00035 | 0.00419 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | pyrene | mg/kg | 10 | 22 | 45 | 0.0009 | 0.034 | 0.00838 | 0.0105 | 0.0008 | 0.0033 | 0.00727 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 ravenna ave | lte05ft | toluene | µg/kg | 6 | 22 | 27 | 0.17 | 0.46 | 0.285 | 0.12 | 0.11 | 0.14 | 0.255 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | tph as diesel | mg/kg | 5 | 22 | 23 | 21 | 90 | 54.4 | 29.26 | 4.8 | 4.8 | 50.45 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | tph as motor oil | mg/kg | 5 | 22 | 23 | 69 | 360 | 183.8 | 110.6 | 7 | 7 | 181.4 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 21.4 | 40.5 | 30.86 | 5.233 | -- | -- | 32.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 24.3 | 41.6 | 31.26 | 4.272 | -- | -- | 32.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 29 | 31 | 0.0018 | 0.006 | 0.00316 | 0.00137 | 0.0011 | 0.0054 | 0.0027 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 20 | 29 | 69 | 0.0008 | 0.018 | 0.00443 | 0.00429 | 0.0006 | 0.003 | 0.00459 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 ravenna ave | lte10ft | antimony | mg/kg | 7 | 29 | 24 | 0.442 | 2.09 | 1.224 | 0.634 | 0.306 | 0.306 | 0.963 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | arsenic | mg/kg | 29 | 29 | 100 | 1.75 | 6.51 | 3.859 | 1.256 | -- | -- | 4.255 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | bap teq | mg/kg | 7 | 29 | 24 | 0.00088 | 0.0269 | 0.00912 | 0.0089 | 0.00053 | 0.00208 | 0.00751 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | benzene | µg/kg | 12 | 29 | 41 | 0.13 | 4.2 | 0.887 | 1.155 | 0.1 | 0.14 | 0.708 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 5 | 29 | 17 | 0.0031 | 0.028 | 0.012 | 0.0102 | 0.0007 | 0.0026 | 0.0116 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 7 | 29 | 24 | 0.0006 | 0.02 | 0.00666 | 0.00665 | 0.0005 | 0.002 | 0.0053 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 29 | 17 | 0.001 | 0.015 | 0.00602 | 0.00532 | 0.0004 | 0.0018 | 0.00578 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 17 | 29 | 59 | 0.22 | 0.6 | 0.341 | 0.098 | 0.22 | 0.22 | 0.326 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | chrysene | mg/kg | 5 | 29 | 17 | 0.006 | 0.075 | 0.0324 | 0.0275 | 0.0012 | 0.0047 | 0.0341 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | cobalt | mg/kg | 29 | 29 | 100 | 1.98 | 11.5 | 7.198 | 2.734 | -- | -- | 8.062 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | copper | mg/kg | 29 | 29 | 100 | 1.97 | 12.1 | 7.69 | 2.754 | -- | -- | 9.919 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 ravenna ave | lte10ft | ethylbenzene | µg/kg | 6 | 29 | 21 | 0.15 | 0.65 | 0.322 | 0.185 | 0.12 | 0.17 | 0.284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | lead | mg/kg | 29 | 29 | 100 | 0.765 | 11.3 | 4.618 | 2.415 | -- | -- | 6.572 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 ravenna ave | lte10ft | naphthalene | mg/kg | 15 | 29 | 52 | 0.0012 | 0.0084 | 0.00415 | 0.00248 | 0.00026 | 0.00035 | 0.00357 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | pyrene | mg/kg | 12 | 29 | 41 | 0.0009 | 0.034 | 0.00725 | 0.00986 | 0.0008 | 0.0033 | 0.00579 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24532 ravenna ave | lte10ft | toluene | µg/kg | 10 | 29 | 34 | 0.17 | 0.7 | 0.34 | 0.169 | 0.11 | 0.17 | 0.279 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | tph as diesel | mg/kg | 5 | 29 | 17 | 21 | 90 | 54.4 | 29.26 | 4.8 | 4.8 | 47.41 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | tph as motor oil | mg/kg | 6 | 29 | 21 | 7 | 360 | 154.3 | 122.5 | 7 | 7 | 148.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24532 ravenna ave | lte10ft | vanadium | mg/kg | 29 | 29 | 100 | 7.64 | 40.5 | 26.29 | 9.619 | -- | -- | 29.33 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24532 ravenna ave | lte10ft | zinc | mg/kg | 29 | 29 | 100 | 8.38 | 41.6 | 27.17 | 8.451 | -- | -- | 29.84 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 13 | 54 | 0.0012 | 0.012 | 0.00456 | 0.0041 | 0.0011 | 0.0054 | 0.00484 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 13 | 100 | 0.0007 | 0.016 | 0.00515 | 0.00447 | -- | -- | 0.00804 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte02ft | arsenic | mg/kg | 13 | 13 | 100 | 5.26 | 10.1 | 7.014 | 1.142 | -- | -- | 7.593 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte02ft | bap teq | mg/kg | 13 | 13 | 100 | 0.0012 | 0.0361 | 0.0132 | 0.0108 | -- | -- | 0.0185 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24533 marbella ave | lte02ft | benzene | µg/kg | 13 | 13 | 100 | 0.12 | 6.5 | 1.298 | 1.814 | -- | -- | 2.672 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 13 | 100 | 0.0008 | 0.022 | 0.00871 | 0.00678 | -- | -- | 0.0121 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 13 | 100 | 0.0008 | 0.023 | 0.00926 | 0.00723 | -- | -- | 0.0128 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 13 | 100 | 0.0008 | 0.023 | 0.00768 | 0.00658 | -- | -- | 0.0109 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 13 | 54 | 0.0017 | 0.014 | 0.00591 | 0.00476 | 0.0011 | 0.0045 | 0.00633 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte02ft | bromomethane | µg/kg | 6 | 13 | 46 | 0.71 | 9.1 | 2.273 | 3.347 | 0.69 | 0.91 | 2.711 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte02ft | cadmium | mg/kg | 13 | 13 | 100 | 0.18 | 1.87 | 0.448 | 0.487 | -- | -- | 1.037 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte02ft | chrysene | mg/kg | 13 | 13 | 100 | 0.0016 | 0.058 | 0.0196 | 0.0147 | -- | -- | 0.0268 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte02ft | cobalt | mg/kg | 13 | 13 | 100 | 7.05 | 12.2 | 10.16 | 1.663 | -- | -- | 10.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte02ft | copper | mg/kg | 13 | 13 | 100 | 21 | 170 | 37.57 | 40.23 | -- | -- | 86.21 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 11 | 13 | 85 | 0.0009 | 0.015 | 0.00409 | 0.00429 | 0.0007 | 0.0007 | 0.00575 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 13 | 85 | 0.0015 | 0.018 | 0.00625 | 0.00516 | 0.0009 | 0.0009 | 0.00792 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte02ft | lead | mg/kg | 13 | 13 | 100 | 6.63 | 28.8 | 12.58 | 6.981 | -- | -- | 16.15 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte02ft | naphthalene | mg/kg | 11 | 13 | 85 | 0.0013 | 0.016 | 0.00451 | 0.00455 | 0.00027 | 0.00028 | 0.00623 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte02ft | pyrene | mg/kg | 13 | 13 | 100 | 0.0013 | 0.031 | 0.0138 | 0.00975 | -- | -- | 0.0186 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte02ft | tetrachloroethene | µg/kg | 6 | 13 | 46 | 0.22 | 4.2 | 1.22 | 1.482 | 0.14 | 0.16 | 1.248 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte02ft | toluene | µg/kg | 8 | 13 | 62 | 0.15 | 36 | 5.719 | 12.25 | 0.12 | 0.14 | 15.72 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 marbella ave | lte02ft | tph as diesel | mg/kg | 12 | 13 | 92 | 5.4 | 370 | 73.48 | 101.1 | 4.8 | 4.8 | 187.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte02ft | tph as gasoline | mg/kg | 10 | 13 | 77 | 0.054 | 0.59 | 0.21 | 0.166 | 0.049 | 0.05 | 0.268 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 marbella ave | lte02ft | tph as motor oil | mg/kg | 13 | 13 | 100 | 20 | 950 | 210.9 | 259.6 | -- | -- | 380 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte02ft | vanadium | mg/kg | 13 | 13 | 100 | 25 | 44.1 | 37.49 | 5.686 | -- | -- | 40.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte02ft | zinc | mg/kg | 13 | 13 | 100 | 52 | 480 | 100.2 | 116.1 | -- | -- | 240.5 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 19 | 26 | 0.093 | 0.22 | 0.129 | 0.0524 | 0.079 | 0.1 | 0.115 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 19 | 37 | 0.0012 | 0.012 | 0.00456 | 0.0041 | 0.0011 | 0.0054 | 0.00384 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 15 | 19 | 79 | 0.0007 | 0.016 | 0.00458 | 0.0044 | 0.0006 | 0.0006 | 0.0056 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 4.71 | 11 | 7.157 | 1.544 | -- | -- | 7.771 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte05ft | bap teq | mg/kg | 18 | 19 | 95 | 0.0012 | 0.0361 | 0.0116 | 0.00961 | 0.00053 | 0.00053 | 0.0207 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | benzene | µg/kg | 17 | 19 | 89 | 0.11 | 6.5 | 1.29 | 1.724 | 0.11 | 0.11 | 2.838 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 19 | 79 | 0.0008 | 0.022 | 0.00806 | 0.00654 | 0.0007 | 0.0007 | 0.00979 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 19 | 79 | 0.0008 | 0.023 | 0.00844 | 0.00709 | 0.0005 | 0.0005 | 0.00965 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 19 | 74 | 0.0007 | 0.023 | 0.00719 | 0.00659 | 0.0004 | 0.0004 | 0.00802 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 19 | 37 | 0.0017 | 0.014 | 0.00591 | 0.00476 | 0.0011 | 0.0045 | 0.00508 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte05ft | bromomethane | µg/kg | 9 | 19 | 47 | 0.71 | 9.1 | 1.881 | 2.714 | 0.69 | 0.91 | 2.155 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte05ft | cadmium | mg/kg | 19 | 19 | 100 | 0.041 | 2.6 | 0.505 | 0.655 | -- | -- | 1.16 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte05ft | chrysene | mg/kg | 18 | 19 | 95 | 0.0016 | 0.058 | 0.0172 | 0.0132 | 0.0012 | 0.0012 | 0.0297 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 7.05 | 12.6 | 10.6 | 1.624 | -- | -- | 11.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 19 | 170 | 34.67 | 33.57 | -- | -- | 49.22 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 19 | 58 | 0.0009 | 0.015 | 0.00409 | 0.00429 | 0.0007 | 0.0007 | 0.0042 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | ethylbenzene | µg/kg | 5 | 19 | 26 | 0.19 | 1.5 | 0.482 | 0.57 | 0.12 | 0.16 | 0.408 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 19 | 58 | 0.0015 | 0.018 | 0.00625 | 0.00516 | 0.0009 | 0.0009 | 0.0061 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 6.63 | 31 | 12.34 | 7.581 | -- | -- | 19.92 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte05ft | naphthalene | mg/kg | 12 | 19 | 63 | 0.001 | 0.016 | 0.00422 | 0.00445 | 0.00026 | 0.00031 | 0.00457 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | pyrene | mg/kg | 18 | 19 | 95 | 0.0012 | 0.031 | 0.0114 | 0.00944 | 0.0008 | 0.0008 | 0.0204 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | tetrachloroethene | µg/kg | 9 | 19 | 47 | 0.22 | 4.2 | 1.384 | 1.297 | 0.14 | 0.16 | 1.203 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | toluene | µg/kg | 11 | 19 | 58 | 0.15 | 36 | 4.833 | 10.39 | 0.12 | 0.14 | 11.13 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 marbella ave | lte05ft | tph as diesel | mg/kg | 16 | 19 | 84 | 5.4 | 370 | 71.49 | 87.73 | 4.8 | 4.8 | 145.3 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 marbella ave | lte05ft | tph as gasoline | mg/kg | 12 | 19 | 63 | 0.054 | 0.59 | 0.206 | 0.159 | 0.049 | 0.054 | 0.209 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 marbella ave | lte05ft | tph as motor oil | mg/kg | 17 | 19 | 89 | 20 | 950 | 228.4 | 233.4 | 7 | 7 | 302.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 25 | 44.1 | 37.61 | 5.373 | -- | -- | 39.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte05ft | xylenes, total | µg/kg | 10 | 10 | 100 | 0.17 | 13 | 2.202 | 3.835 | -- | -- | 7.488 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 marbella ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 48 | 480 | 90.28 | 97.76 | -- | -- | 188 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 25 | 20 | 0.093 | 0.22 | 0.129 | 0.0524 | 0.079 | 0.1 | 0.11 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 25 | 28 | 0.0012 | 0.012 | 0.00456 | 0.0041 | 0.0011 | 0.0054 | 0.00336 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 17 | 25 | 68 | 0.0007 | 0.016 | 0.00415 | 0.00429 | 0.0006 | 0.0006 | 0.00443 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | arsenic | mg/kg | 25 | 25 | 100 | 4.15 | 11 | 7.285 | 1.649 | -- | -- | 7.849 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte10ft | bap teq | mg/kg | 21 | 25 | 84 | 0.0012 | 0.063 | 0.0131 | 0.0148 | 0.00053 | 0.00053 | 0.0236 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | benzene | µg/kg | 20 | 25 | 80 | 0.11 | 6.5 | 1.306 | 1.709 | 0.11 | 0.12 | 2.467 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 18 | 25 | 72 | 0.0008 | 0.034 | 0.00878 | 0.0089 | 0.0007 | 0.0007 | 0.00941 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 18 | 25 | 72 | 0.0008 | 0.034 | 0.00907 | 0.00924 | 0.0005 | 0.0005 | 0.0144 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24533 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 17 | 25 | 68 | 0.0007 | 0.034 | 0.00809 | 0.00913 | 0.0004 | 0.0004 | 0.00847 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 25 | 36 | 0.0012 | 0.034 | 0.00851 | 0.0105 | 0.0011 | 0.0045 | 0.00636 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | bromomethane | µg/kg | 10 | 25 | 40 | 0.71 | 9.1 | 1.803 | 2.571 | 0.69 | 0.91 | 1.821 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte10ft | cadmium | mg/kg | 21 | 25 | 84 | 0.041 | 2.6 | 0.492 | 0.63 | 0.0064 | 0.0064 | 0.945 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 marbella ave | lte10ft | chrysene | mg/kg | 21 | 25 | 84 | 0.0016 | 0.058 | 0.0166 | 0.0135 | 0.0012 | 0.0012 | 0.0189 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | cobalt | mg/kg | 25 | 25 | 100 | 7.05 | 16.4 | 10.54 | 1.989 | -- | -- | 11.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 marbella ave | lte10ft | copper | mg/kg | 25 | 25 | 100 | 16.5 | 170 | 31.41 | 29.82 | -- | -- | 42.51 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 25 | 48 | 0.0009 | 0.042 | 0.00725 | 0.0117 | 0.0007 | 0.0007 | 0.00694 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 marbella ave | lte10ft | ethylbenzene | µg/kg | 6 | 25 | 24 | 0.19 | 1.5 | 0.45 | 0.516 | 0.12 | 0.16 | 0.36 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 25 | 52 | 0.0009 | 0.042 | 0.00859 | 0.0112 | 0.0009 | 0.0009 | 0.00858 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | lead | mg/kg | 25 | 25 | 100 | 4.13 | 31 | 10.9 | 7.098 | -- | -- | 17.09 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte10ft | naphthalene | mg/kg | 15 | 25 | 60 | 0.001 | 0.016 | 0.00371 | 0.00409 | 0.00026 | 0.00031 | 0.00388 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 marbella ave | lte10ft | pyrene | mg/kg | 22 | 25 | 88 | 0.0009 | 0.034 | 0.0112 | 0.0104 | 0.0008 | 0.0008 | 0.019 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | tetrachloroethene | µg/kg | 11 | 25 | 44 | 0.22 | 4.2 | 1.615 | 1.424 | 0.14 | 0.16 | 1.241 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | toluene | µg/kg | 14 | 25 | 56 | 0.15 | 36 | 4.19 | 9.234 | 0.12 | 0.14 | 8.704 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 marbella ave | lte10ft | tph as diesel | mg/kg | 16 | 25 | 64 | 5.4 | 370 | 71.49 | 87.73 | 4.8 | 4.8 | 77.18 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 marbella ave | lte10ft | tph as gasoline | mg/kg | 14 | 25 | 56 | 0.054 | 0.59 | 0.19 | 0.153 | 0.049 | 0.061 | 0.179 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 marbella ave | lte10ft | tph as motor oil | mg/kg | 17 | 25 | 68 | 20 | 950 | 228.4 | 233.4 | 7 | 7 | 237.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 marbella ave | lte10ft | vanadium | mg/kg | 25 | 25 | 100 | 25 | 70.6 | 39.26 | 8.112 | -- | -- | 42.16 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 marbella ave | lte10ft | xylenes, total | µg/kg | 12 | 13 | 92 | 0.17 | 13 | 1.988 | 3.517 | 0.17 | 0.17 | 5.978 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 marbella ave | lte10ft | zinc | mg/kg | 25 | 25 | 100 | 37.4 | 480 | 80.84 | 86.54 | -- | -- | 156.3 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.0007 | 0.034 | 0.00595 | 0.00905 | 0.0024 | 0.0024 | 0.0159 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 3.66 | 8.4 | 5.907 | 1.424 | -- | -- | 6.581 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte02ft | bap teq | mg/kg | 13 | 14 | 93 | 0.000987 | 0.0721 | 0.0142 | 0.0199 | 0.00208 | 0.00208 | 0.0359 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | benzene | µg/kg | 12 | 14 | 86 | 0.11 | 0.87 | 0.347 | 0.232 | 0.1 | 0.11 | 0.423 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 14 | 86 | 0.0008 | 0.075 | 0.0133 | 0.0206 | 0.0007 | 0.0026 | 0.0343 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.0007 | 0.051 | 0.0102 | 0.0141 | 0.002 | 0.002 | 0.0256 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 14 | 86 | 0.001 | 0.033 | 0.00716 | 0.00924 | 0.0004 | 0.0014 | 0.0166 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | chrysene | mg/kg | 13 | 14 | 93 | 0.0013 | 0.19 | 0.032 | 0.0508 | 0.0047 | 0.0047 | 0.0877 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 4.32 | 8.16 | 6.715 | 0.959 | -- | -- | 7.169 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 6.99 | 16.7 | 9.91 | 2.427 | -- | -- | 11.09 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 14 | 57 | 0.0009 | 0.013 | 0.00464 | 0.00426 | 0.0007 | 0.0027 | 0.00484 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 14 | 71 | 0.0011 | 0.021 | 0.00605 | 0.00649 | 0.0009 | 0.0035 | 0.0116 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 0.756 | 9.76 | 5.144 | 2.353 | -- | -- | 6.258 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte02ft | naphthalene | mg/kg | 7 | 14 | 50 | 0.0009 | 0.016 | 0.00517 | 0.00645 | 0.00025 | 0.00027 | 0.00546 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 panama ave | lte02ft | pyrene | mg/kg | 12 | 14 | 86 | 0.0039 | 0.12 | 0.0227 | 0.0329 | 0.0008 | 0.0033 | 0.0564 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte02ft | toluene | µg/kg | 10 | 14 | 71 | 0.12 | 0.47 | 0.224 | 0.111 | 0.11 | 0.12 | 0.246 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte02ft | tph as diesel | mg/kg | 12 | 14 | 86 | 9.1 | 260 | 62.01 | 69.94 | 4.8 | 4.8 | 88.96 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | tph as motor oil | mg/kg | 12 | 14 | 86 | 30 | 760 | 182.6 | 199.2 | 7 | 7 | 262.1 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 panama ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 18.9 | 36 | 25.14 | 3.867 | -- | -- | 27 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 18.5 | 297 | 47.59 | 72.19 | -- | -- | 131.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 22 | 27 | 0.0016 | 0.041 | 0.0124 | 0.0148 | 0.0011 | 0.021 | 0.00807 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 22 | 86 | 0.0007 | 0.098 | 0.0137 | 0.0244 | 0.0006 | 0.0024 | 0.0335 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 3.15 | 8.4 | 5.642 | 1.42 | -- | -- | 6.163 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte05ft | bap teq | mg/kg | 20 | 22 | 91 | 0.00088 | 0.356 | 0.0428 | 0.0895 | 0.00053 | 0.00208 | 0.119 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte05ft | benzene | µg/kg | 15 | 22 | 68 | 0.11 | 0.87 | 0.336 | 0.236 | 0.099 | 0.11 | 0.354 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 22 | 82 | 0.0007 | 0.3 | 0.0408 | 0.0792 | 0.0007 | 0.0026 | 0.102 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 22 | 91 | 0.0006 | 0.28 | 0.0327 | 0.0702 | 0.0005 | 0.002 | 0.0927 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 22 | 82 | 0.0006 | 0.13 | 0.0189 | 0.0348 | 0.0004 | 0.0014 | 0.0457 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 22 | 23 | 0.0012 | 0.034 | 0.0136 | 0.0136 | 0.0011 | 0.023 | 0.016 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 22 | 32 | 0.24 | 0.34 | 0.263 | 0.035 | 0.22 | 0.22 | 0.259 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 panama ave | lte05ft | chrysene | mg/kg | 19 | 22 | 86 | 0.0013 | 0.94 | 0.115 | 0.237 | 0.0012 | 0.0047 | 0.307 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 4.32 | 10.3 | 7.295 | 1.297 | -- | -- | 7.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 6.34 | 16.7 | 9.684 | 2.216 | -- | -- | 10.51 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 22 | 55 | 0.0009 | 0.04 | 0.0101 | 0.0125 | 0.0007 | 0.0027 | 0.0109 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 22 | 64 | 0.0011 | 0.065 | 0.0138 | 0.0197 | 0.0009 | 0.0035 | 0.0161 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 0.756 | 22.2 | 6.613 | 4.642 | -- | -- | 8.432 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 panama ave | lte05ft | naphthalene | mg/kg | 12 | 22 | 55 | 0.0009 | 0.026 | 0.00864 | 0.00871 | 0.00024 | 0.00027 | 0.00793 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte05ft | pyrene | mg/kg | 20 | 22 | 91 | 0.0009 | 1.6 | 0.142 | 0.374 | 0.0008 | 0.0033 | 0.463 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24533 panama ave | lte05ft | toluene | µg/kg | 12 | 22 | 55 | 0.12 | 0.47 | 0.218 | 0.102 | 0.11 | 0.12 | 0.21 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte05ft | tph as diesel | mg/kg | 16 | 22 | 73 | 5.6 | 2600 | 313.7 | 698.5 | 4.8 | 4.8 | 798.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte05ft | tph as gasoline | mg/kg | 8 | 22 | 36 | 0.052 | 45 | 9.869 | 16.43 | 0.045 | 0.054 | 7.702 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte05ft | tph as motor oil | mg/kg | 17 | 22 | 77 | 9.7 | 4500 | 550.8 | 1145 | 7 | 7 | 1388 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 18.9 | 36 | 26.62 | 4.132 | -- | -- | 28.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 18.5 | 297 | 41.34 | 57.46 | -- | -- | 94.74 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 29 | 31 | 0.0012 | 0.041 | 0.00909 | 0.0127 | 0.0011 | 0.021 | 0.00629 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 29 | 83 | 0.0006 | 0.098 | 0.0112 | 0.0222 | 0.0006 | 0.0024 | 0.0261 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 panama ave | lte10ft | arsenic | mg/kg | 29 | 29 | 100 | 3.15 | 8.4 | 5.364 | 1.414 | -- | -- | 5.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte10ft | bap teq | mg/kg | 25 | 29 | 86 | 0.00078 | 0.356 | 0.035 | 0.0812 | 0.00053 | 0.00208 | 0.0921 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte10ft | benzene | µg/kg | 18 | 29 | 62 | 0.11 | 2.8 | 0.525 | 0.64 | 0.099 | 0.13 | 0.556 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 22 | 29 | 76 | 0.0007 | 0.3 | 0.0342 | 0.0727 | 0.0007 | 0.0026 | 0.0787 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 25 | 29 | 86 | 0.0005 | 0.28 | 0.0268 | 0.0637 | 0.0005 | 0.002 | 0.0716 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 29 | 69 | 0.0006 | 0.13 | 0.0173 | 0.0333 | 0.0004 | 0.0014 | 0.0354 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 29 | 17 | 0.0012 | 0.034 | 0.0136 | 0.0136 | 0.0011 | 0.023 | 0.014 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte10ft | chromium, hexavalent | mg/kg | 8 | 29 | 28 | 0.24 | 0.44 | 0.285 | 0.0705 | 0.22 | 0.22 | 0.268 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 panama ave | lte10ft | chrysene | mg/kg | 23 | 29 | 79 | 0.0013 | 0.94 | 0.0967 | 0.218 | 0.0012 | 0.0047 | 0.237 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte10ft | cobalt | mg/kg | 29 | 29 | 100 | 1.69 | 10.3 | 6.412 | 2.082 | -- | -- | 7.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte10ft | copper | mg/kg | 29 | 29 | 100 | 2.19 | 16.7 | 8.762 | 3.047 | -- | -- | 9.725 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 29 | 48 | 0.0009 | 0.04 | 0.00894 | 0.0119 | 0.0007 | 0.0027 | 0.0077 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte10ft | ethylbenzene | µg/kg | 5 | 29 | 17 | 0.13 | 0.34 | 0.214 | 0.0817 | 0.11 | 0.15 | 0.24 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 29 | 55 | 0.0011 | 0.065 | 0.0124 | 0.0188 | 0.0009 | 0.0035 | 0.0125 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 panama ave | lte10ft | lead | mg/kg | 28 | 29 | 97 | 0.231 | 22.2 | 5.766 | 4.466 | 0.181 | 0.181 | 9.223 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 panama ave | lte10ft | naphthalene | mg/kg | 16 | 29 | 55 | 0.0009 | 0.026 | 0.007 | 0.00805 | 0.00024 | 0.00027 | 0.00973 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 panama ave | lte10ft | pyrene | mg/kg | 26 | 29 | 90 | 0.0008 | 1.6 | 0.111 | 0.331 | 0.0008 | 0.0033 | 0.355 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 panama ave | lte10ft | toluene | µg/kg | 17 | 29 | 59 | 0.12 | 0.74 | 0.25 | 0.161 | 0.11 | 0.13 | 0.24 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 panama ave | lte10ft | tph as diesel | mg/kg | 18 | 29 | 62 | 5.6 | 2600 | 285.4 | 661.4 | 4.8 | 4.8 | 615.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte10ft | tph as gasoline | mg/kg | 11 | 29 | 38 | 0.05 | 45 | 7.22 | 14.48 | 0.045 | 0.056 | 10.57 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte10ft | tph as motor oil | mg/kg | 19 | 29 | 66 | 9.7 | 4500 | 501.7 | 1089 | 7 | 7 | 1072 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 panama ave | lte10ft | vanadium | mg/kg | 29 | 29 | 100 | 7.28 | 36 | 23.83 | 6.917 | -- | -- | 26.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 panama ave | lte10ft | zinc | mg/kg | 29 | 29 | 100 | 8.75 | 297 | 35.36 | 51 | -- | -- | 76.64 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 24 | 46 | 0.0006 | 0.0089 | 0.00375 | 0.00356 | 0.0006 | 0.0009 | 0.00335 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | gt05lte10ft | arsenic | mg/kg | 24 | 24 | 100 | 1.88 | 4.53 | 2.972 | 0.685 | -- | -- | 3.212 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | gt05lte10ft | bap teq | mg/kg | 7 | 24 | 29 | 0.00079 | 0.0988 | 0.0152 | 0.0369 | 0.0004723 | 0.00053 | 0.0238 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 24 | 29 | 0.0005 | 0.073 | 0.0112 | 0.0273 | 0.0005 | 0.00051 | 0.0175 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 24 | 21 | 0.00052 | 0.077 | 0.016 | 0.0341 | 0.0004 | 0.00051 | 0.0189 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | gt05lte10ft | chrysene | mg/kg | 6 | 24 | 25 | 0.0012 | 0.078 | 0.0145 | 0.0311 | 0.00058 | 0.0012 | 0.0195 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | gt05lte10ft | cobalt | mg/kg | 24 | 24 | 100 | 1.91 | 9.09 | 5.169 | 2.175 | -- | -- | 5.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | gt05lte10ft | copper | mg/kg | 24 | 24 | 100 | 1.8 | 8.98 | 5.691 | 2.213 | -- | -- | 6.466 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | gt05lte10ft | lead | mg/kg | 24 | 24 | 100 | 1.02 | 5.63 | 3.513 | 1.429 | -- | -- | 4.013 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 11 | 24 | 46 | 0.0011 | 0.041 | 0.0113 | 0.0138 | 0.00025 | 0.00083 | 0.00954 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | gt05lte10ft | pyrene | mg/kg | 14 | 24 | 58 | 0.00058 | 0.25 | 0.0199 | 0.0662 | 0.0008 | 0.0008 | 0.0577 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | gt05lte10ft | vanadium | mg/kg | 24 | 24 | 100 | 7.8 | 36.1 | 22.01 | 9.757 | -- | -- | 25.43 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | gt05lte10ft | zinc | mg/kg | 24 | 24 | 100 | 8.45 | 34.5 | 22.71 | 8.098 | -- | -- | 25.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 10 | 60 | 0.13 | 0.82 | 0.385 | 0.253 | 0.1 | 0.13 | 0.442 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 5 | 10 | 50 | 0.0007 | 0.0045 | 0.00216 | 0.00147 | 0.0006 | 0.0006 | 0.0025 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | arsenic | mg/kg | 10 | 10 | 100 | 1.73 | 3.64 | 2.232 | 0.679 | -- | -- | 2.643 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte02ft | bap teq | mg/kg | 6 | 10 | 60 | 0.00218 | 0.00859 | 0.00408 | 0.00263 | 0.00053 | 0.00053 | 0.00464 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 6 | 10 | 60 | 0.001 | 0.0046 | 0.00242 | 0.00148 | 0.0007 | 0.0007 | 0.00271 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 6 | 10 | 60 | 0.0015 | 0.0064 | 0.00297 | 0.00201 | 0.0005 | 0.0005 | 0.00339 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 10 | 60 | 0.0013 | 0.0061 | 0.00277 | 0.00183 | 0.0004 | 0.0004 | 0.00315 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 10 | 50 | 0.0012 | 0.0044 | 0.00218 | 0.00135 | 0.0011 | 0.0011 | 0.00244 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | chrysene | mg/kg | 6 | 10 | 60 | 0.0019 | 0.0095 | 0.00513 | 0.00341 | 0.0012 | 0.0012 | 0.00579 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | cobalt | mg/kg | 10 | 10 | 100 | 6.39 | 9.63 | 7.443 | 0.951 | -- | -- | 7.994 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | copper | mg/kg | 10 | 10 | 100 | 7.49 | 17.5 | 9.87 | 3.03 | -- | -- | 11.68 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 10 | 60 | 0.001 | 0.0047 | 0.00212 | 0.00143 | 0.0009 | 0.0009 | 0.00243 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | lead | mg/kg | 10 | 10 | 100 | 4.05 | 20.6 | 8.126 | 4.889 | -- | -- | 11.23 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte02ft | naphthalene | mg/kg | 6 | 10 | 60 | 0.001 | 0.0021 | 0.00165 | 0.00041352 | 0.00026 | 0.00032 | 0.00176 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | pyrene | mg/kg | 7 | 10 | 70 | 0.0012 | 0.007 | 0.00357 | 0.00228 | 0.0008 | 0.0008 | 0.00417 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24533 ravenna ave | lte02ft | toluene | µg/kg | 7 | 10 | 70 | 0.14 | 0.44 | 0.284 | 0.112 | 0.12 | 0.14 | 0.311 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte02ft | vanadium | mg/kg | 10 | 10 | 100 | 22 | 34 | 25.13 | 3.495 | -- | -- | 27.18 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 ravenna ave | lte02ft | zinc | mg/kg | 10 | 10 | 100 | 25.5 | 71.2 | 36.67 | 13.58 | -- | -- | 44.89 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 26 | 27 | 0.13 | 0.82 | 0.436 | 0.267 | 0.093 | 0.61 | 0.368 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 10 | 26 | 38 | 0.0006 | 0.012 | 0.00328 | 0.00362 | 0.0006 | 0.0009 | 0.00251 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 0.532 | 4.57 | 2.624 | 1.059 | -- | -- | 2.979 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte05ft | bap teq | mg/kg | 14 | 26 | 54 | 0.000536 | 0.00859 | 0.00238 | 0.00231 | 0.0004723 | 0.00053 | 0.00218 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 11 | 26 | 42 | 0.0007 | 0.0046 | 0.00187 | 0.00126 | 0.0007 | 0.00078 | 0.00154 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 12 | 26 | 46 | 0.0005 | 0.0064 | 0.00191 | 0.0018 | 0.0005 | 0.00051 | 0.00163 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 10 | 26 | 38 | 0.0005 | 0.0061 | 0.00206 | 0.00169 | 0.0004 | 0.00051 | 0.00154 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 26 | 23 | 0.0012 | 0.0044 | 0.00203 | 0.00126 | 0.0007 | 0.0011 | 0.00163 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | cadmium | mg/kg | 5 | 26 | 19 | 0.0909 | 0.42 | 0.226 | 0.129 | 0.0883 | 0.135 | 0.209 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 10 | 22 | 45 | 0.22 | 0.36 | 0.271 | 0.0502 | 0.22 | 0.22 | 0.26 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte05ft | chrysene | mg/kg | 12 | 26 | 46 | 0.0012 | 0.0095 | 0.00383 | 0.00278 | 0.00058 | 0.0012 | 0.0032 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 6.39 | 11.8 | 8.473 | 1.398 | -- | -- | 8.942 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 5.68 | 17.5 | 9.418 | 2.663 | -- | -- | 10.35 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 26 | 27 | 0.001 | 0.0047 | 0.00201 | 0.00133 | 0.00053 | 0.0009 | 0.00156 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 3.85 | 20.6 | 6.348 | 3.323 | -- | -- | 7.536 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte05ft | naphthalene | mg/kg | 13 | 26 | 50 | 0.001 | 0.021 | 0.00349 | 0.00536 | 0.00026 | 0.00085 | 0.0038 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte05ft | pyrene | mg/kg | 18 | 26 | 69 | 0.001 | 0.019 | 0.00391 | 0.00418 | 0.00049 | 0.0008 | 0.00437 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | toluene | µg/kg | 9 | 26 | 35 | 0.12 | 0.44 | 0.253 | 0.115 | 0.12 | 0.54 | 0.228 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte05ft | tph as motor oil | mg/kg | 5 | 26 | 19 | 9.1 | 82 | 28.62 | 30.3 | 7 | 7 | 18.16 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 19.9 | 38 | 29.03 | 5.344 | -- | -- | 30.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 19.4 | 88.9 | 34.24 | 14.82 | -- | -- | 39.46 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 50 | 16 | 0.13 | 0.82 | 0.471 | 0.267 | 0.087 | 0.61 | 0.379 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 8 | 50 | 16 | 0.0012 | 0.0073 | 0.00378 | 0.00178 | 0.001 | 0.0021 | 0.0036 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 21 | 50 | 42 | 0.0006 | 0.012 | 0.00352 | 0.00351 | 0.0006 | 0.0009 | 0.00253 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 ravenna ave | lte10ft | arsenic | mg/kg | 50 | 50 | 100 | 0.532 | 4.57 | 2.791 | 0.907 | -- | -- | 3.006 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte10ft | bap teq | mg/kg | 21 | 50 | 42 | 0.000536 | 0.0988 | 0.00664 | 0.0212 | 0.0004723 | 0.00053 | 0.00761 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | benzene | µg/kg | 6 | 50 | 12 | 0.11 | 1.9 | 0.468 | 0.703 | 0.1 | 0.14 | 0.293 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 13 | 50 | 26 | 0.0007 | 0.048 | 0.00533 | 0.0129 | 0.0007 | 0.00078 | 0.00395 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 19 | 50 | 38 | 0.0005 | 0.073 | 0.00533 | 0.0165 | 0.0005 | 0.00051 | 0.00537 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 15 | 50 | 30 | 0.0005 | 0.077 | 0.0067 | 0.0195 | 0.0004 | 0.00051 | 0.00553 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 50 | 16 | 0.0012 | 0.063 | 0.0096 | 0.0216 | 0.0007 | 0.0011 | 0.00502 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | cadmium | mg/kg | 5 | 50 | 10 | 0.0909 | 0.42 | 0.226 | 0.129 | 0.0883 | 0.135 | 0.195 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 13 | 41 | 32 | 0.22 | 0.39 | 0.275 | 0.0572 | 0.22 | 0.22 | 0.25 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24533 ravenna ave | lte10ft | chrysene | mg/kg | 18 | 50 | 36 | 0.0012 | 0.078 | 0.00737 | 0.0178 | 0.00058 | 0.0012 | 0.00675 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | cobalt | mg/kg | 50 | 50 | 100 | 1.91 | 11.8 | 6.887 | 2.449 | -- | -- | 7.468 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte10ft | copper | mg/kg | 50 | 50 | 100 | 1.8 | 17.5 | 7.629 | 3.075 | -- | -- | 8.367 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 50 | 18 | 0.001 | 0.025 | 0.00449 | 0.00778 | 0.00053 | 0.0009 | 0.00311 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | lead | mg/kg | 50 | 50 | 100 | 1.02 | 20.6 | 4.987 | 2.939 | -- | -- | 6.799 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | naphthalene | mg/kg | 24 | 50 | 48 | 0.001 | 0.041 | 0.00708 | 0.0107 | 0.00025 | 0.00085 | 0.00607 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | pyrene | mg/kg | 32 | 50 | 64 | 0.00058 | 0.25 | 0.0109 | 0.0438 | 0.00049 | 0.0008 | 0.029 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | toluene | µg/kg | 13 | 50 | 26 | 0.12 | 0.6 | 0.262 | 0.144 | 0.11 | 0.54 | 0.189 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24533 ravenna ave | lte10ft | tph as diesel | mg/kg | 6 | 50 | 12 | 5.6 | 23 | 12.27 | 6.075 | 4.8 | 4.8 | 10.78 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24533 ravenna ave | lte10ft | tph as motor oil | mg/kg | 8 | 50 | 16 | 8.1 | 82 | 21.53 | 24.94 | 7 | 7 | 12.92 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24533 ravenna ave | lte10ft | vanadium | mg/kg | 50 | 50 | 100 | 7.8 | 38 | 25.66 | 8.474 | -- | -- | 27.67 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24533 ravenna ave | lte10ft | zinc | mg/kg | 50 | 50 | 100 | 8.45 | 88.9 | 28.71 | 13.29 | -- | -- | 31.96 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 9 | 67 | 0.0011 | 140 | 26.97 | 55.5 | 0.0011 | 0.011 | 48.69 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 9 | 89 | 0.0012 | 280 | 38.62 | 97.66 | 0.003 | 0.003 | 169.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | antimony | mg/kg | 5 | 9 | 56 | 0.603 | 1.06 | 0.794 | 0.21 | 0.28 | 0.28 | 0.848 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 0.461 | 13.7 | 6.487 | 3.931 | -- | -- | 8.923 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | bap teq | mg/kg | 9 | 9 | 100 | 0.00132 | 0.496 | 0.0837 | 0.16 | -- | -- | 0.387 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | benzene | µg/kg | 6 | 9 | 67 | 0.21 | 37 | 7.095 | 14.67 | 0.13 | 0.65 | 13 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 9 | 89 | 0.0015 | 0.48 | 0.0856 | 0.163 | 0.0007 | 0.0007 | 0.303 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 9 | 78 | 0.001 | 0.22 | 0.047 | 0.0815 | 0.01 | 0.01 | 0.146 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | cadmium | mg/kg | 9 | 9 | 100 | 0.25 | 0.63 | 0.47 | 0.134 | -- | -- | 0.553 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | chrysene | mg/kg | 9 | 9 | 100 | 0.0013 | 1.6 | 0.251 | 0.517 | -- | -- | 1.261 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 5.62 | 12.8 | 8.8 | 2.704 | -- | -- | 10.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24602 marbella ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.63 | 28.9 | 18.21 | 8.062 | -- | -- | 23.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 6 | 9 | 67 | 0.14 | 4800 | 931.3 | 1907 | 0.15 | 0.16 | 1661 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 2.89 | 11.5 | 6.834 | 2.793 | -- | -- | 8.566 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | naphthalene | mg/kg | 8 | 9 | 89 | 0.0023 | 50 | 7.884 | 17.23 | 0.00029 | 0.00029 | 30.92 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | pyrene | mg/kg | 9 | 9 | 100 | 0.003 | 3.1 | 0.496 | 1 | -- | -- | 2.63 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 6 | 9 | 67 | 1200 | 19000 | 5350 | 6778 | 4.8 | 4.8 | 7778 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 6 | 9 | 67 | 1.3 | 880 | 356.3 | 350 | 0.06 | 0.064 | 465.8 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 6 | 9 | 67 | 760 | 16000 | 4777 | 5633 | 7 | 7 | 7133 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 18.5 | 72.3 | 40.29 | 18.43 | -- | -- | 51.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 25.3 | 49 | 37.29 | 8.087 | -- | -- | 42.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 18 | 39 | 0.0021 | 0.032 | 0.0103 | 0.0107 | 0.0011 | 0.021 | 0.00935 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 18 | 94 | 0.0016 | 0.059 | 0.0126 | 0.0144 | 0.0006 | 0.0006 | 0.0266 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte02ft | antimony | mg/kg | 12 | 18 | 67 | 0.335 | 1.31 | 0.641 | 0.275 | 0.28 | 0.28 | 0.663 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.09 | 4.89 | 2.922 | 0.979 | -- | -- | 3.324 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte02ft | bap teq | mg/kg | 17 | 18 | 94 | 0.00102 | 0.143 | 0.0223 | 0.0327 | 0.00053 | 0.00053 | 0.0541 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte02ft | benzene | µg/kg | 11 | 18 | 61 | 0.11 | 0.36 | 0.177 | 0.0684 | 0.11 | 0.23 | 0.183 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 18 | 83 | 0.0015 | 0.15 | 0.0209 | 0.0371 | 0.0007 | 0.011 | 0.0534 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 18 | 94 | 0.0007 | 0.11 | 0.0169 | 0.0252 | 0.0005 | 0.0005 | 0.0415 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 18 | 83 | 0.0006 | 0.02 | 0.00726 | 0.00619 | 0.0004 | 0.007 | 0.0088 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte02ft | cadmium | mg/kg | 18 | 18 | 100 | 0.43 | 1.2 | 0.667 | 0.238 | -- | -- | 0.768 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 marbella ave | lte02ft | chrysene | mg/kg | 16 | 18 | 89 | 0.0024 | 0.46 | 0.058 | 0.11 | 0.0012 | 0.0012 | 0.16 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 8.1 | 12.4 | 9.587 | 1.371 | -- | -- | 10.16 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 12.9 | 29.5 | 21.22 | 4.953 | -- | -- | 23.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 18 | 33 | 0.0015 | 0.026 | 0.00777 | 0.00919 | 0.0007 | 0.009 | 0.00626 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 18 | 50 | 0.0013 | 0.028 | 0.00788 | 0.00801 | 0.0009 | 0.0087 | 0.00764 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 6.84 | 26.2 | 12.92 | 5.744 | -- | -- | 15.34 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte02ft | naphthalene | mg/kg | 13 | 18 | 72 | 0.0013 | 0.049 | 0.0158 | 0.0179 | 0.00027 | 0.00035 | 0.0289 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte02ft | pyrene | mg/kg | 18 | 18 | 100 | 0.001 | 0.53 | 0.0467 | 0.121 | -- | -- | 0.171 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte02ft | toluene | µg/kg | 6 | 18 | 33 | 0.15 | 0.46 | 0.275 | 0.128 | 0.11 | 0.26 | 0.254 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte02ft | tph as diesel | mg/kg | 14 | 18 | 78 | 23 | 460 | 105.1 | 123.1 | 4.8 | 4.8 | 141.2 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 marbella ave | lte02ft | tph as gasoline | mg/kg | 6 | 18 | 33 | 0.05 | 0.13 | 0.0987 | 0.0322 | 0.045 | 0.063 | 0.107 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte02ft | tph as motor oil | mg/kg | 16 | 18 | 89 | 7.3 | 1000 | 304.9 | 261.7 | 7 | 7 | 380.5 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 29 | 50 | 35.82 | 5.806 | -- | -- | 38.23 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 37 | 70.1 | 50.99 | 11.05 | -- | -- | 55.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 25 | 36 | 0.0021 | 0.032 | 0.0117 | 0.011 | 0.0011 | 0.021 | 0.00865 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 25 | 84 | 0.0008 | 0.059 | 0.0127 | 0.0148 | 0.0006 | 0.006 | 0.0233 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | antimony | mg/kg | 16 | 25 | 64 | 0.335 | 1.31 | 0.711 | 0.282 | 0.28 | 0.28 | 0.685 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 0.785 | 16 | 3.345 | 2.984 | -- | -- | 4.278 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte05ft | bap teq | mg/kg | 24 | 25 | 96 | 0.00102 | 0.143 | 0.0247 | 0.0302 | 0.00053 | 0.00053 | 0.0498 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | benzene | µg/kg | 16 | 25 | 64 | 0.11 | 0.38 | 0.186 | 0.0801 | 0.11 | 0.23 | 0.193 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 20 | 25 | 80 | 0.0012 | 0.15 | 0.0204 | 0.0324 | 0.0007 | 0.011 | 0.0429 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 25 | 96 | 0.0007 | 0.11 | 0.019 | 0.0233 | 0.0005 | 0.0005 | 0.0384 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 21 | 25 | 84 | 0.0006 | 0.036 | 0.00906 | 0.00972 | 0.0004 | 0.007 | 0.016 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 25 | 20 | 0.0022 | 0.036 | 0.0151 | 0.0158 | 0.0011 | 0.015 | 0.0112 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte05ft | cadmium | mg/kg | 25 | 25 | 100 | 0.43 | 1.2 | 0.64 | 0.206 | -- | -- | 0.713 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte05ft | chrysene | mg/kg | 23 | 25 | 92 | 0.0014 | 0.46 | 0.0482 | 0.0924 | 0.0012 | 0.0012 | 0.122 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 8.1 | 16.4 | 10.15 | 1.896 | -- | -- | 10.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 12.9 | 31.5 | 21.7 | 4.827 | -- | -- | 23.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 25 | 32 | 0.0015 | 0.026 | 0.00748 | 0.00779 | 0.0007 | 0.009 | 0.00538 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 25 | 48 | 0.0012 | 0.029 | 0.0108 | 0.0109 | 0.0009 | 0.0087 | 0.00913 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 6.52 | 26.2 | 11.51 | 5.409 | -- | -- | 13.41 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte05ft | naphthalene | mg/kg | 19 | 25 | 76 | 0.0012 | 0.12 | 0.0182 | 0.0292 | 0.00027 | 0.00035 | 0.0373 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte05ft | pyrene | mg/kg | 25 | 25 | 100 | 0.001 | 0.53 | 0.0468 | 0.105 | -- | -- | 0.0772 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 marbella ave | lte05ft | toluene | µg/kg | 8 | 25 | 32 | 0.15 | 1.1 | 0.366 | 0.317 | 0.11 | 0.26 | 0.291 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | tph as diesel | mg/kg | 18 | 25 | 72 | 23 | 500 | 129.2 | 142.4 | 4.8 | 4.8 | 148.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | tph as gasoline | mg/kg | 8 | 25 | 32 | 0.05 | 0.13 | 0.0964 | 0.032 | 0.045 | 0.063 | 0.087 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte05ft | tph as motor oil | mg/kg | 20 | 25 | 80 | 7.3 | 1000 | 327.4 | 249.2 | 7 | 7 | 352.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 29 | 50 | 36.82 | 5.77 | -- | -- | 38.81 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 37 | 73 | 51.35 | 11.26 | -- | -- | 55.36 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24602 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 15 | 34 | 44 | 0.0011 | 140 | 10.8 | 35.87 | 0.0011 | 0.021 | 23.05 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 29 | 34 | 85 | 0.0008 | 280 | 10.66 | 51.89 | 0.0006 | 0.006 | 45.03 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte10ft | antimony | mg/kg | 21 | 34 | 62 | 0.335 | 1.31 | 0.731 | 0.265 | 0.28 | 0.28 | 0.673 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 0.461 | 16 | 4.176 | 3.493 | -- | -- | 5.239 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 marbella ave | lte10ft | bap teq | mg/kg | 33 | 34 | 97 | 0.00102 | 0.496 | 0.0408 | 0.0883 | 0.00053 | 0.00053 | 0.105 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte10ft | benzene | µg/kg | 22 | 34 | 65 | 0.11 | 37 | 2.07 | 7.822 | 0.11 | 0.65 | 6.138 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 34 | 82 | 0.0012 | 0.48 | 0.039 | 0.0923 | 0.0007 | 0.011 | 0.096 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 31 | 34 | 91 | 0.0007 | 0.22 | 0.0253 | 0.0434 | 0.0005 | 0.01 | 0.0547 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 25 | 34 | 74 | 0.0005 | 0.049 | 0.00976 | 0.0123 | 0.0004 | 0.15 | 0.0164 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 34 | 21 | 0.0014 | 0.036 | 0.0112 | 0.0145 | 0.0011 | 0.15 | 0.00599 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte10ft | cadmium | mg/kg | 34 | 34 | 100 | 0.25 | 1.2 | 0.595 | 0.203 | -- | -- | 0.655 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte10ft | chrysene | mg/kg | 32 | 34 | 94 | 0.0013 | 1.6 | 0.105 | 0.289 | 0.0012 | 0.0012 | 0.31 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 5.62 | 16.4 | 9.792 | 2.18 | -- | -- | 10.42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte10ft | copper | mg/kg | 34 | 34 | 100 | 7.63 | 31.5 | 20.77 | 5.927 | -- | -- | 22.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 34 | 29 | 0.001 | 0.026 | 0.00718 | 0.00729 | 0.0007 | 0.09 | 0.00457 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte10ft | ethylbenzene | µg/kg | 6 | 34 | 18 | 0.14 | 4800 | 931.3 | 1907 | 0.12 | 0.26 | 422.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 34 | 44 | 0.0012 | 0.029 | 0.00938 | 0.0102 | 0.0009 | 0.087 | 0.00759 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte10ft | lead | mg/kg | 34 | 34 | 100 | 2.89 | 26.2 | 10.27 | 5.248 | -- | -- | 12.04 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte10ft | naphthalene | mg/kg | 27 | 34 | 79 | 0.0012 | 50 | 2.349 | 9.658 | 0.00027 | 0.00035 | 8.34 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte10ft | pyrene | mg/kg | 34 | 34 | 100 | 0.001 | 3.1 | 0.166 | 0.539 | -- | -- | 0.569 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte10ft | toluene | µg/kg | 12 | 34 | 35 | 0.15 | 17 | 1.728 | 4.817 | 0.11 | 0.66 | 1.718 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte10ft | tph as diesel | mg/kg | 24 | 34 | 71 | 23 | 19000 | 1434 | 3916 | 4.8 | 4.8 | 3527 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte10ft | tph as gasoline | mg/kg | 14 | 34 | 41 | 0.05 | 880 | 152.7 | 283.9 | 0.045 | 0.064 | 211 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 marbella ave | lte10ft | tph as motor oil | mg/kg | 26 | 34 | 76 | 7.3 | 16000 | 1354 | 3170 | 7 | 7 | 3155 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 marbella ave | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 18.5 | 72.3 | 37.74 | 10.44 | -- | -- | 40.83 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 marbella ave | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 25.3 | 73 | 47.63 | 12.16 | -- | -- | 51.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 1.55 | 3.74 | 2.796 | 0.827 | -- | -- | 3.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 3.55 | 5.68 | 4.428 | 0.724 | -- | -- | 4.912 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 3.37 | 7.68 | 5.364 | 1.448 | -- | -- | 6.334 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 1.59 | 4.26 | 2.793 | 0.844 | -- | -- | 3.358 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 14.3 | 26 | 18.61 | 3.792 | -- | -- | 21.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 16.6 | 24.5 | 20.13 | 2.876 | -- | -- | 22.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 17 | 29 | 0.0011 | 0.0028 | 0.0017 | 0.00068191 | 0.0011 | 0.0054 | 0.00172 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 17 | 76 | 0.0008 | 0.016 | 0.00366 | 0.0043 | 0.0006 | 0.0006 | 0.00474 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 neptune ave | lte02ft | arsenic | mg/kg | 17 | 17 | 100 | 0.918 | 3.86 | 1.504 | 0.698 | -- | -- | 1.818 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 neptune ave | lte02ft | bap teq | mg/kg | 12 | 17 | 71 | 0.00088 | 0.0158 | 0.00544 | 0.00429 | 0.00053 | 0.00053 | 0.006 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte02ft | benzene | µg/kg | 6 | 17 | 35 | 0.16 | 0.58 | 0.298 | 0.166 | 0.11 | 0.15 | 0.276 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 17 | 65 | 0.0007 | 0.013 | 0.00406 | 0.00382 | 0.0007 | 0.0007 | 0.00443 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 17 | 71 | 0.0006 | 0.012 | 0.00397 | 0.00324 | 0.0005 | 0.0005 | 0.00439 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 17 | 65 | 0.0009 | 0.007 | 0.00309 | 0.00179 | 0.0004 | 0.0004 | 0.00316 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 17 | 35 | 0.0012 | 0.0032 | 0.00217 | 0.00083586 | 0.0011 | 0.0056 | 0.00218 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte02ft | chromium, hexavalent | mg/kg | 6 | 17 | 35 | 0.22 | 0.34 | 0.268 | 0.0467 | 0.22 | 0.22 | 0.262 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte02ft | chrysene | mg/kg | 11 | 17 | 65 | 0.0013 | 0.033 | 0.0102 | 0.0099 | 0.0012 | 0.0012 | 0.0111 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte02ft | cobalt | mg/kg | 17 | 17 | 100 | 6.36 | 8.86 | 6.956 | 0.664 | -- | -- | 7.249 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 neptune ave | lte02ft | copper | mg/kg | 17 | 17 | 100 | 5.77 | 12.5 | 8.85 | 2.1 | -- | -- | 9.739 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 17 | 41 | 0.0012 | 0.006 | 0.00267 | 0.00163 | 0.0009 | 0.0043 | 0.00263 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte02ft | lead | mg/kg | 17 | 17 | 100 | 3.44 | 21 | 7.579 | 4.611 | -- | -- | 9.632 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte02ft | naphthalene | mg/kg | 9 | 17 | 53 | 0.0011 | 0.0096 | 0.00301 | 0.00272 | 0.00027 | 0.00035 | 0.00305 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte02ft | pyrene | mg/kg | 12 | 17 | 71 | 0.0012 | 0.057 | 0.0108 | 0.0153 | 0.0008 | 0.0008 | 0.0224 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte02ft | toluene | µg/kg | 9 | 17 | 53 | 0.13 | 1.1 | 0.308 | 0.304 | 0.12 | 0.16 | 0.326 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 neptune ave | lte02ft | tph as gasoline | mg/kg | 11 | 17 | 65 | 0.059 | 0.34 | 0.134 | 0.0812 | 0.048 | 0.062 | 0.142 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte02ft | vanadium | mg/kg | 17 | 17 | 100 | 20.3 | 30.6 | 23.45 | 2.878 | -- | -- | 24.71 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 neptune ave | lte02ft | zinc | mg/kg | 17 | 17 | 100 | 23.3 | 56.9 | 34.34 | 10.96 | -- | -- | 39.21 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 25 | 24 | 0.0011 | 0.0028 | 0.0017 | 0.00060992 | 0.0011 | 0.0054 | 0.00162 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 25 | 72 | 0.0007 | 0.016 | 0.00303 | 0.00379 | 0.0006 | 0.0006 | 0.00368 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 neptune ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 0.918 | 3.86 | 1.902 | 0.867 | -- | -- | 2.223 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 neptune ave | lte05ft | bap teq | mg/kg | 14 | 25 | 56 | 0.00056 | 0.0158 | 0.00483 | 0.00425 | 0.00053 | 0.00053 | 0.00427 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte05ft | benzene | µg/kg | 6 | 25 | 24 | 0.16 | 0.58 | 0.298 | 0.166 | 0.1 | 0.15 | 0.257 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 12 | 25 | 48 | 0.0007 | 0.013 | 0.0038 | 0.00375 | 0.0007 | 0.0007 | 0.00324 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24602 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 13 | 25 | 52 | 0.0006 | 0.012 | 0.00375 | 0.0032 | 0.0005 | 0.0005 | 0.0032 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 25 | 52 | 0.0005 | 0.007 | 0.00273 | 0.00186 | 0.0004 | 0.0004 | 0.0024 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 25 | 24 | 0.0012 | 0.0032 | 0.00217 | 0.00083586 | 0.0011 | 0.0056 | 0.00191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 9 | 25 | 36 | 0.22 | 0.34 | 0.269 | 0.0392 | 0.22 | 0.22 | 0.256 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte05ft | chrysene | mg/kg | 12 | 25 | 48 | 0.0013 | 0.033 | 0.0095 | 0.00978 | 0.0012 | 0.0012 | 0.00798 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 6.36 | 11.9 | 7.817 | 1.597 | -- | -- | 8.377 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 neptune ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 5.77 | 12.5 | 9.154 | 1.857 | -- | -- | 9.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 25 | 32 | 0.001 | 0.006 | 0.00246 | 0.00162 | 0.0009 | 0.0043 | 0.00212 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 3.44 | 21 | 6.944 | 3.889 | -- | -- | 8.336 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 neptune ave | lte05ft | naphthalene | mg/kg | 10 | 25 | 40 | 0.0011 | 0.0096 | 0.0029 | 0.00259 | 0.00024 | 0.00035 | 0.00246 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte05ft | pyrene | mg/kg | 14 | 25 | 56 | 0.0009 | 0.057 | 0.00935 | 0.0145 | 0.0008 | 0.0008 | 0.0106 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte05ft | toluene | µg/kg | 9 | 25 | 36 | 0.13 | 1.1 | 0.308 | 0.304 | 0.11 | 0.16 | 0.264 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 neptune ave | lte05ft | tph as gasoline | mg/kg | 13 | 25 | 52 | 0.059 | 0.34 | 0.13 | 0.0763 | 0.045 | 0.062 | 0.119 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 20.3 | 38.3 | 27.18 | 6.172 | -- | -- | 29.32 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 neptune ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 23.3 | 56.9 | 33.23 | 9.125 | -- | -- | 36.44 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 8 | 33 | 24 | 0.0011 | 0.0028 | 0.00169 | 0.00054886 | 0.0011 | 0.0054 | 0.00151 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 22 | 33 | 67 | 0.0006 | 0.016 | 0.00279 | 0.00347 | 0.0006 | 0.0006 | 0.0032 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 neptune ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 0.918 | 3.86 | 2.119 | 0.93 | -- | -- | 2.424 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte10ft | bap teq | mg/kg | 14 | 33 | 42 | 0.00056 | 0.0158 | 0.00483 | 0.00425 | 0.00053 | 0.00053 | 0.00341 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte10ft | benzene | µg/kg | 6 | 33 | 18 | 0.16 | 0.58 | 0.298 | 0.166 | 0.1 | 0.15 | 0.243 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 12 | 33 | 36 | 0.0007 | 0.013 | 0.0038 | 0.00375 | 0.0007 | 0.0007 | 0.00264 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 13 | 33 | 39 | 0.0006 | 0.012 | 0.00375 | 0.0032 | 0.0005 | 0.0005 | 0.0026 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 33 | 39 | 0.0005 | 0.007 | 0.00273 | 0.00186 | 0.0004 | 0.0004 | 0.00205 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 33 | 18 | 0.0012 | 0.0032 | 0.00217 | 0.00083586 | 0.0011 | 0.0056 | 0.00182 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 10 | 33 | 30 | 0.22 | 0.34 | 0.27 | 0.0371 | 0.22 | 0.22 | 0.252 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte10ft | chrysene | mg/kg | 12 | 33 | 36 | 0.0013 | 0.033 | 0.0095 | 0.00978 | 0.0012 | 0.0012 | 0.0064 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 3.55 | 11.9 | 6.995 | 2.05 | -- | -- | 7.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 3.37 | 12.5 | 8.235 | 2.401 | -- | -- | 8.943 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 33 | 24 | 0.001 | 0.006 | 0.00246 | 0.00162 | 0.0009 | 0.0043 | 0.00187 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 1.59 | 21 | 5.937 | 3.843 | -- | -- | 7.036 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 neptune ave | lte10ft | naphthalene | mg/kg | 12 | 33 | 36 | 0.0011 | 0.0096 | 0.00265 | 0.00241 | 0.00024 | 0.00035 | 0.0022 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 neptune ave | lte10ft | pyrene | mg/kg | 15 | 33 | 45 | 0.0009 | 0.057 | 0.00884 | 0.0141 | 0.0008 | 0.0008 | 0.00757 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte10ft | toluene | µg/kg | 9 | 33 | 27 | 0.13 | 1.1 | 0.308 | 0.304 | 0.11 | 0.16 | 0.231 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 neptune ave | lte10ft | tph as diesel | mg/kg | 5 | 33 | 15 | 5.3 | 120 | 47.38 | 48.23 | 4.8 | 4.8 | 43.88 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte10ft | tph as gasoline | mg/kg | 14 | 33 | 42 | 0.054 | 0.34 | 0.125 | 0.0761 | 0.045 | 0.062 | 0.102 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 neptune ave | lte10ft | tph as motor oil | mg/kg | 5 | 33 | 15 | 10 | 500 | 202.2 | 206.1 | 7 | 7 | 227.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 neptune ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 14.3 | 38.3 | 25.1 | 6.754 | -- | -- | 27.31 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24602 neptune ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 16.6 | 56.9 | 30.05 | 9.838 | -- | -- | 33.09 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 13 | 62 | 0.13 | 6.5 | 1.553 | 2.064 | 0.092 | 0.12 | 2.069 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 13 | 46 | 0.25 | 2.1 | 0.733 | 0.698 | 0.078 | 0.099 | 0.741 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 13 | 62 | 0.0026 | 1.5 | 0.538 | 0.672 | 0.0011 | 0.0011 | 0.657 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 13 | 85 | 0.0007 | 1.5 | 0.45 | 0.68 | 0.0006 | 0.0006 | 1.164 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 2.07 | 4.27 | 3.145 | 0.539 | -- | -- | 3.412 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | bap teq | mg/kg | 12 | 13 | 92 | 0.000985 | 1.085 | 0.26 | 0.395 | 0.00053 | 0.00053 | 0.707 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | benzene | µg/kg | 8 | 13 | 62 | 0.12 | 0.37 | 0.216 | 0.0961 | 0.11 | 0.13 | 0.226 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 12 | 13 | 92 | 0.001 | 1.6 | 0.285 | 0.492 | 0.0007 | 0.0007 | 0.842 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 12 | 13 | 92 | 0.0006 | 0.75 | 0.191 | 0.288 | 0.0005 | 0.0005 | 0.517 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 11 | 13 | 85 | 0.0006 | 0.39 | 0.107 | 0.154 | 0.0004 | 0.0004 | 0.27 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | chrysene | mg/kg | 11 | 13 | 85 | 0.0062 | 3.6 | 0.909 | 1.338 | 0.0012 | 0.0012 | 2.314 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 1.49 | 7.75 | 5.569 | 1.883 | -- | -- | 6.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 2.25 | 15.2 | 7.956 | 3.741 | -- | -- | 9.806 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 13 | 54 | 0.001 | 0.2 | 0.0651 | 0.0823 | 0.0007 | 0.13 | 0.0731 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 5 | 13 | 38 | 0.14 | 0.44 | 0.224 | 0.122 | 0.12 | 0.15 | 0.222 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 13 | 62 | 0.001 | 0.2 | 0.0572 | 0.0797 | 0.0009 | 0.17 | 0.0708 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 0.94 | 76 | 16.67 | 24.6 | -- | -- | 46.41 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | gt05lte10ft | naphthalene | mg/kg | 11 | 13 | 85 | 0.0013 | 0.39 | 0.103 | 0.14 | 0.00026 | 0.00031 | 0.249 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | pyrene | mg/kg | 11 | 13 | 85 | 0.0037 | 4.6 | 1.177 | 1.793 | 0.0008 | 0.0008 | 3.061 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | toluene | µg/kg | 6 | 13 | 46 | 0.13 | 0.6 | 0.295 | 0.196 | 0.12 | 0.15 | 0.294 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 13 | 69 | 6.9 | 8200 | 2279 | 3289 | 4.8 | 4.8 | 3007 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24602 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 13 | 62 | 0.056 | 0.47 | 0.246 | 0.153 | 0.048 | 0.062 | 0.267 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 13 | 69 | 20 | 12000 | 3483 | 5024 | 7 | 7 | 4750 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 6.54 | 29.5 | 21.29 | 7.181 | -- | -- | 24.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | xylenes, total | µg/kg | 5 | 13 | 38 | 0.3 | 1.2 | 0.616 | 0.342 | 0.16 | 0.2 | 0.624 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 8.06 | 38.6 | 29.14 | 10.27 | -- | -- | 36.44 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 18 | 28 | 0.22 | 0.79 | 0.436 | 0.218 | 0.095 | 0.13 | 0.423 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 10 | 18 | 56 | 0.0011 | 0.03 | 0.00842 | 0.00888 | 0.0011 | 0.21 | 0.00958 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 18 | 89 | 0.001 | 0.16 | 0.0373 | 0.0489 | 0.0006 | 0.012 | 0.0822 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.24 | 8.18 | 3.043 | 1.691 | -- | -- | 3.765 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | bap teq | mg/kg | 17 | 18 | 94 | 0.00166 | 0.393 | 0.102 | 0.122 | 0.00053 | 0.00053 | 0.22 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | benzene | µg/kg | 5 | 18 | 28 | 0.14 | 0.64 | 0.318 | 0.198 | 0.11 | 0.15 | 0.347 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 18 | 94 | 0.0019 | 0.63 | 0.116 | 0.171 | 0.0007 | 0.0007 | 0.283 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 18 | 94 | 0.0011 | 0.26 | 0.0706 | 0.0829 | 0.0005 | 0.0005 | 0.151 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 17 | 18 | 94 | 0.0011 | 0.14 | 0.0414 | 0.0464 | 0.0004 | 0.0004 | 0.0866 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 12 | 18 | 67 | 0.0014 | 0.1 | 0.0212 | 0.029 | 0.0011 | 0.23 | 0.0285 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | chrysene | mg/kg | 17 | 18 | 94 | 0.0045 | 1.6 | 0.31 | 0.429 | 0.0012 | 0.0012 | 0.728 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 4.98 | 8.81 | 6.436 | 0.955 | -- | -- | 6.828 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 5.91 | 14.2 | 9.299 | 2.344 | -- | -- | 10.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 14 | 18 | 78 | 0.0009 | 0.082 | 0.0212 | 0.023 | 0.0007 | 0.13 | 0.0413 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 18 | 83 | 0.0014 | 0.09 | 0.0238 | 0.0257 | 0.0009 | 0.17 | 0.0479 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 2.33 | 69.7 | 10.69 | 15.51 | -- | -- | 15.63 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | lte02ft | naphthalene | mg/kg | 14 | 18 | 78 | 0.0022 | 0.059 | 0.0141 | 0.0141 | 0.00027 | 0.00033 | 0.0184 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | pyrene | mg/kg | 17 | 18 | 94 | 0.0058 | 0.73 | 0.152 | 0.2 | 0.0008 | 0.0008 | 0.347 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 panama ave | lte02ft | toluene | µg/kg | 13 | 18 | 72 | 0.13 | 9.1 | 2.052 | 2.867 | 0.12 | 0.17 | 4.186 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte02ft | tph as diesel | mg/kg | 16 | 18 | 89 | 7.6 | 1900 | 202.8 | 457.6 | 4.8 | 4.8 | 629.1 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | lte02ft | tph as gasoline | mg/kg | 14 | 18 | 78 | 0.055 | 1.8 | 0.232 | 0.455 | 0.05 | 0.06 | 0.392 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte02ft | tph as motor oil | mg/kg | 16 | 18 | 89 | 18 | 5200 | 576.8 | 1249 | 7 | 7 | 1738 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 15.4 | 31.1 | 22.58 | 4.622 | -- | -- | 24.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 19.4 | 79.3 | 37.71 | 14.6 | -- | -- | 43.73 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 27 | 22 | 0.22 | 0.79 | 0.407 | 0.208 | 0.092 | 0.13 | 0.373 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 27 | 52 | 0.0011 | 0.03 | 0.00671 | 0.00796 | 0.0011 | 0.21 | 0.00715 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 27 | 81 | 0.001 | 0.16 | 0.0305 | 0.0434 | 0.0006 | 0.012 | 0.0594 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | antimony | mg/kg | 7 | 27 | 26 | 0.488 | 1.05 | 0.849 | 0.212 | 0.306 | 0.306 | 0.852 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 1.24 | 15 | 4.549 | 3.913 | -- | -- | 7.831 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte05ft | bap teq | mg/kg | 25 | 27 | 93 | 0.00104 | 0.393 | 0.0796 | 0.108 | 0.00053 | 0.00053 | 0.162 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | benzene | µg/kg | 10 | 27 | 37 | 0.14 | 1.2 | 0.452 | 0.333 | 0.11 | 0.15 | 0.34 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 27 | 93 | 0.0013 | 0.63 | 0.086 | 0.148 | 0.0007 | 0.0007 | 0.201 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 25 | 27 | 93 | 0.0006 | 0.26 | 0.0556 | 0.0736 | 0.0005 | 0.0005 | 0.112 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 25 | 27 | 93 | 0.0005 | 0.14 | 0.033 | 0.0414 | 0.0004 | 0.0004 | 0.0648 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 16 | 27 | 59 | 0.0012 | 0.1 | 0.0185 | 0.0259 | 0.0011 | 0.23 | 0.0209 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | chrysene | mg/kg | 25 | 27 | 93 | 0.0026 | 1.6 | 0.231 | 0.372 | 0.0012 | 0.0012 | 0.519 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 4.93 | 8.81 | 6.586 | 0.994 | -- | -- | 6.912 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 5.61 | 17.5 | 10.11 | 3.441 | -- | -- | 11.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 20 | 27 | 74 | 0.0007 | 0.082 | 0.0179 | 0.0208 | 0.0007 | 0.13 | 0.0308 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 27 | 74 | 0.0014 | 0.09 | 0.0219 | 0.0235 | 0.0009 | 0.17 | 0.0363 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 2.32 | 69.7 | 8.82 | 13.01 | -- | -- | 19.73 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte05ft | naphthalene | mg/kg | 19 | 27 | 70 | 0.0011 | 0.059 | 0.0126 | 0.0137 | 0.00026 | 0.00033 | 0.0134 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | pyrene | mg/kg | 25 | 27 | 93 | 0.0012 | 0.73 | 0.113 | 0.176 | 0.0008 | 0.0008 | 0.249 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte05ft | toluene | µg/kg | 18 | 27 | 67 | 0.13 | 9.1 | 1.574 | 2.537 | 0.12 | 0.17 | 2.927 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | lte05ft | tph as diesel | mg/kg | 22 | 27 | 81 | 7.6 | 1900 | 203.3 | 442 | 4.8 | 4.8 | 508.1 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | lte05ft | tph as gasoline | mg/kg | 18 | 27 | 67 | 0.055 | 1.8 | 0.199 | 0.403 | 0.047 | 0.066 | 0.278 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte05ft | tph as motor oil | mg/kg | 22 | 27 | 81 | 18 | 5200 | 530.9 | 1133 | 7 | 7 | 1311 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 14.4 | 46.7 | 24.53 | 6.969 | -- | -- | 26.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 19.4 | 79.3 | 35.01 | 12.7 | -- | -- | 39.36 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 40 | 35 | 0.13 | 6.5 | 1.061 | 1.63 | 0.092 | 0.13 | 0.741 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 40 | 15 | 0.25 | 2.1 | 0.733 | 0.698 | 0.078 | 0.11 | 0.41 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 22 | 40 | 55 | 0.0011 | 1.5 | 0.2 | 0.468 | 0.0011 | 0.21 | 0.36 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 33 | 40 | 83 | 0.0007 | 1.5 | 0.17 | 0.431 | 0.0006 | 0.012 | 0.414 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | lte10ft | antimony | mg/kg | 11 | 40 | 28 | 0.488 | 1.49 | 0.899 | 0.282 | 0.306 | 0.306 | 0.782 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24602 panama ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 1.24 | 15 | 4.093 | 3.277 | -- | -- | 6.351 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte10ft | bap teq | mg/kg | 37 | 40 | 93 | 0.000985 | 1.085 | 0.138 | 0.25 | 0.00053 | 0.00053 | 0.296 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 panama ave | lte10ft | benzene | µg/kg | 18 | 40 | 45 | 0.12 | 1.2 | 0.347 | 0.278 | 0.11 | 0.15 | 0.281 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 40 | 93 | 0.001 | 1.6 | 0.15 | 0.312 | 0.0007 | 0.0007 | 0.348 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 37 | 40 | 93 | 0.0006 | 0.75 | 0.0996 | 0.182 | 0.0005 | 0.0005 | 0.214 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 36 | 40 | 90 | 0.0005 | 0.39 | 0.0558 | 0.0959 | 0.0004 | 0.0004 | 0.114 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 20 | 40 | 50 | 0.0012 | 0.15 | 0.0253 | 0.0378 | 0.0011 | 0.23 | 0.0225 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte10ft | chromium, hexavalent | mg/kg | 5 | 40 | 13 | 0.22 | 0.44 | 0.292 | 0.0867 | 0.22 | 0.22 | 0.284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte10ft | chrysene | mg/kg | 36 | 40 | 90 | 0.0026 | 3.6 | 0.438 | 0.841 | 0.0012 | 0.0012 | 0.952 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 panama ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 1.49 | 8.81 | 6.256 | 1.408 | -- | -- | 6.631 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 2.25 | 17.5 | 9.412 | 3.64 | -- | -- | 10.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 27 | 40 | 68 | 0.0007 | 0.2 | 0.0302 | 0.0482 | 0.0007 | 0.13 | 0.0334 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte10ft | ethylbenzene | µg/kg | 6 | 40 | 15 | 0.14 | 0.44 | 0.237 | 0.114 | 0.12 | 0.17 | 0.198 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 28 | 40 | 70 | 0.001 | 0.2 | 0.032 | 0.0479 | 0.0009 | 0.17 | 0.0367 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 0.94 | 76 | 11.37 | 17.69 | -- | -- | 23.56 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte10ft | naphthalene | mg/kg | 30 | 40 | 75 | 0.0011 | 0.39 | 0.0456 | 0.0939 | 0.00026 | 0.00033 | 0.0921 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte10ft | pyrene | mg/kg | 36 | 40 | 90 | 0.0012 | 4.6 | 0.438 | 1.089 | 0.0008 | 0.0008 | 1.112 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | lte10ft | toluene | µg/kg | 24 | 40 | 60 | 0.13 | 9.1 | 1.255 | 2.255 | 0.12 | 0.17 | 2.07 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte10ft | tph as diesel | mg/kg | 31 | 40 | 78 | 6.9 | 8200 | 806 | 1985 | 4.8 | 4.8 | 1853 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte10ft | tph as gasoline | mg/kg | 26 | 40 | 65 | 0.055 | 1.8 | 0.213 | 0.343 | 0.047 | 0.066 | 0.251 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 panama ave | lte10ft | tph as motor oil | mg/kg | 31 | 40 | 78 | 18 | 12000 | 1388 | 3080 | 7 | 7 | 2991 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 panama ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 6.54 | 46.7 | 23.47 | 7.114 | -- | -- | 25.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 panama ave | lte10ft | xylenes, total | µg/kg | 7 | 40 | 18 | 0.23 | 1.2 | 0.507 | 0.335 | 0.16 | 0.22 | 0.327 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 panama ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 8.06 | 79.3 | 33.1 | 12.16 | -- | -- | 36.42 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 14 | 36 | 0.0013 | 0.033 | 0.013 | 0.0143 | 0.0011 | 0.0011 | 0.0123 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 14 | 57 | 0.0007 | 0.09 | 0.0216 | 0.0333 | 0.0006 | 0.0006 | 0.0261 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 3.57 | 9.3 | 5.272 | 1.625 | -- | -- | 6.041 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte02ft | bap teq | mg/kg | 8 | 14 | 57 | 0.00078 | 0.176 | 0.0391 | 0.0626 | 0.00053 | 0.00053 | 0.0484 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte02ft | benzene | µg/kg | 6 | 14 | 43 | 0.11 | 0.5 | 0.27 | 0.15 | 0.1 | 0.12 | 0.274 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 7 | 14 | 50 | 0.0023 | 0.17 | 0.0407 | 0.0623 | 0.0007 | 0.0007 | 0.0445 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 8 | 14 | 57 | 0.0005 | 0.12 | 0.0271 | 0.043 | 0.0005 | 0.0005 | 0.0366 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 14 | 50 | 0.0022 | 0.087 | 0.0227 | 0.0326 | 0.0004 | 0.0004 | 0.0245 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 14 | 36 | 0.0014 | 0.028 | 0.0105 | 0.0123 | 0.0011 | 0.0056 | 0.0104 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte02ft | bromomethane | µg/kg | 7 | 14 | 50 | 1.6 | 10 | 4.857 | 2.854 | 0.67 | 1.5 | 5.143 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte02ft | chrysene | mg/kg | 7 | 14 | 50 | 0.0035 | 0.52 | 0.12 | 0.19 | 0.0012 | 0.0012 | 0.132 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 5.4 | 11.8 | 8.216 | 2.131 | -- | -- | 9.373 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24602 ravenna ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 7.82 | 15 | 10.26 | 2.195 | -- | -- | 11.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 14 | 43 | 0.0011 | 0.047 | 0.0128 | 0.0181 | 0.0007 | 0.0007 | 0.0125 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 14 | 50 | 0.0012 | 0.063 | 0.0153 | 0.023 | 0.0009 | 0.0009 | 0.0167 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 3.89 | 42 | 8.795 | 10 | -- | -- | 20.45 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 ravenna ave | lte02ft | naphthalene | mg/kg | 8 | 14 | 57 | 0.001 | 0.036 | 0.0089 | 0.0123 | 0.00025 | 0.00029 | 0.0105 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte02ft | pyrene | mg/kg | 11 | 14 | 79 | 0.0008 | 0.23 | 0.036 | 0.0705 | 0.0008 | 0.0008 | 0.103 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 ravenna ave | lte02ft | toluene | µg/kg | 7 | 14 | 50 | 0.13 | 3.8 | 1.156 | 1.514 | 0.12 | 0.12 | 1.213 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte02ft | tph as diesel | mg/kg | 8 | 14 | 57 | 5.4 | 580 | 163.4 | 228.6 | 4.8 | 4.8 | 204.4 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 ravenna ave | lte02ft | tph as motor oil | mg/kg | 7 | 14 | 50 | 43 | 2000 | 556 | 775.6 | 7 | 7 | 590.3 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 ravenna ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 24.6 | 39.2 | 31.01 | 4.895 | -- | -- | 33.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 23 | 43.4 | 29.06 | 5.382 | -- | -- | 31.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 21 | 24 | 0.0013 | 0.033 | 0.013 | 0.0143 | 0.0011 | 0.0011 | 0.0101 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 8 | 21 | 38 | 0.0007 | 0.09 | 0.0216 | 0.0333 | 0.0006 | 0.0006 | 0.0174 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte05ft | arsenic | mg/kg | 21 | 21 | 100 | 3.57 | 9.3 | 5.697 | 1.736 | -- | -- | 6.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte05ft | bap teq | mg/kg | 9 | 21 | 43 | 0.00078 | 0.176 | 0.0348 | 0.0599 | 0.00053 | 0.00053 | 0.0316 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 ravenna ave | lte05ft | benzene | µg/kg | 7 | 21 | 33 | 0.11 | 0.5 | 0.253 | 0.145 | 0.1 | 0.12 | 0.218 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 7 | 21 | 33 | 0.0023 | 0.17 | 0.0407 | 0.0623 | 0.0007 | 0.0007 | 0.0305 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 9 | 21 | 43 | 0.0005 | 0.12 | 0.0242 | 0.0412 | 0.0005 | 0.0005 | 0.0218 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 7 | 21 | 33 | 0.0022 | 0.087 | 0.0227 | 0.0326 | 0.0004 | 0.0004 | 0.0171 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 21 | 24 | 0.0014 | 0.028 | 0.0105 | 0.0123 | 0.0011 | 0.0056 | 0.00743 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte05ft | bromomethane | µg/kg | 8 | 21 | 38 | 1.6 | 10 | 4.5 | 2.829 | 0.66 | 1.5 | 4.057 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte05ft | chrysene | mg/kg | 7 | 21 | 33 | 0.0035 | 0.52 | 0.12 | 0.19 | 0.0012 | 0.0012 | 0.089 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte05ft | cobalt | mg/kg | 21 | 21 | 100 | 5.4 | 11.8 | 8.316 | 1.858 | -- | -- | 9.015 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24602 ravenna ave | lte05ft | copper | mg/kg | 21 | 21 | 100 | 7.82 | 16.3 | 10.22 | 2.338 | -- | -- | 11.13 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 21 | 29 | 0.0011 | 0.047 | 0.0128 | 0.0181 | 0.0007 | 0.0007 | 0.0087 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 21 | 33 | 0.0012 | 0.063 | 0.0153 | 0.023 | 0.0009 | 0.0009 | 0.0116 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte05ft | lead | mg/kg | 21 | 21 | 100 | 3.89 | 42 | 7.509 | 8.28 | -- | -- | 15.38 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 ravenna ave | lte05ft | naphthalene | mg/kg | 8 | 21 | 38 | 0.001 | 0.036 | 0.0089 | 0.0123 | 0.00024 | 0.00029 | 0.00726 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte05ft | pyrene | mg/kg | 13 | 21 | 62 | 0.0008 | 0.23 | 0.0306 | 0.0657 | 0.0008 | 0.0008 | 0.0705 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 ravenna ave | lte05ft | toluene | µg/kg | 10 | 21 | 48 | 0.13 | 3.8 | 0.911 | 1.308 | 0.11 | 0.13 | 0.874 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 ravenna ave | lte05ft | tph as diesel | mg/kg | 9 | 21 | 43 | 5.4 | 580 | 146.2 | 220 | 4.8 | 4.8 | 126.7 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 ravenna ave | lte05ft | tph as motor oil | mg/kg | 8 | 21 | 38 | 24 | 2000 | 489.5 | 742.3 | 7 | 7 | 396.3 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 ravenna ave | lte05ft | vanadium | mg/kg | 21 | 21 | 100 | 24.6 | 47 | 33.5 | 6.205 | -- | -- | 35.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte05ft | zinc | mg/kg | 21 | 21 | 100 | 23 | 43.4 | 30.39 | 5.25 | -- | -- | 32.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 28 | 18 | 0.14 | 0.36 | 0.23 | 0.0964 | 0.086 | 0.12 | 0.219 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 5 | 28 | 18 | 0.0013 | 0.033 | 0.013 | 0.0143 | 0.0011 | 0.0011 | 0.00845 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 9 | 28 | 32 | 0.0007 | 0.09 | 0.0193 | 0.0319 | 0.0006 | 0.0006 | 0.0132 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 3.2 | 9.3 | 5.453 | 1.714 | -- | -- | 6.004 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | bap teq | mg/kg | 11 | 28 | 39 | 0.00078 | 0.176 | 0.0287 | 0.0553 | 0.00053 | 0.00053 | 0.0426 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | benzene | µg/kg | 7 | 28 | 25 | 0.11 | 0.5 | 0.253 | 0.145 | 0.1 | 0.14 | 0.203 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 8 | 28 | 29 | 0.0016 | 0.17 | 0.0358 | 0.0593 | 0.0007 | 0.0007 | 0.0229 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 11 | 28 | 39 | 0.0005 | 0.12 | 0.0199 | 0.0381 | 0.0005 | 0.0005 | 0.0294 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 28 | 32 | 0.0006 | 0.087 | 0.0178 | 0.0298 | 0.0004 | 0.0004 | 0.0122 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 28 | 18 | 0.0014 | 0.028 | 0.0105 | 0.0123 | 0.0011 | 0.0056 | 0.00603 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | bromomethane | µg/kg | 11 | 28 | 39 | 1.5 | 10 | 4.055 | 2.585 | 0.66 | 1.6 | 3.236 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | chrysene | mg/kg | 8 | 28 | 29 | 0.0024 | 0.52 | 0.105 | 0.18 | 0.0012 | 0.0012 | 0.0666 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 2.62 | 11.8 | 7.345 | 2.425 | -- | -- | 8.125 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 4.3 | 16.3 | 9.264 | 2.822 | -- | -- | 10.18 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 28 | 21 | 0.0011 | 0.047 | 0.0128 | 0.0181 | 0.0007 | 0.0007 | 0.0068 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 28 | 25 | 0.0012 | 0.063 | 0.0153 | 0.023 | 0.0009 | 0.0009 | 0.00899 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte10ft | lead | mg/kg | 28 | 28 | 100 | 1.8 | 42 | 6.685 | 7.509 | -- | -- | 12.87 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 ravenna ave | lte10ft | naphthalene | mg/kg | 9 | 28 | 32 | 0.001 | 0.036 | 0.00823 | 0.0117 | 0.00024 | 0.00034 | 0.00575 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24602 ravenna ave | lte10ft | pyrene | mg/kg | 17 | 28 | 61 | 0.0008 | 0.23 | 0.025 | 0.058 | 0.0008 | 0.0008 | 0.0541 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 ravenna ave | lte10ft | toluene | µg/kg | 12 | 28 | 43 | 0.13 | 3.8 | 1.226 | 1.445 | 0.11 | 0.16 | 0.955 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 ravenna ave | lte10ft | tph as diesel | mg/kg | 9 | 28 | 32 | 5.4 | 580 | 146.2 | 220 | 4.8 | 4.8 | 96.67 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 ravenna ave | lte10ft | tph as gasoline | mg/kg | 5 | 28 | 18 | 0.048 | 0.22 | 0.087 | 0.0745 | 0.046 | 0.063 | 0.0703 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24602 ravenna ave | lte10ft | tph as motor oil | mg/kg | 8 | 28 | 29 | 24 | 2000 | 489.5 | 742.3 | 7 | 7 | 303.8 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24602 ravenna ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 11.9 | 47 | 30.11 | 8.603 | -- | -- | 32.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24602 ravenna ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 12.4 | 43.4 | 27.82 | 6.927 | -- | -- | 30.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 12 | 50 | 0.13 | 0.3 | 0.203 | 0.0737 | 0.091 | 0.098 | 0.208 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 12 | 67 | 0.0017 | 0.0064 | 0.00441 | 0.00183 | 0.0006 | 0.003 | 0.00494 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 4.21 | 7.23 | 5.88 | 0.907 | -- | -- | 6.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00208 | 0.0247 | 0.0143 | 0.00716 | -- | -- | 0.018 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | benzene | µg/kg | 12 | 12 | 100 | 0.26 | 0.81 | 0.418 | 0.189 | -- | -- | 0.526 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 12 | 92 | 0.0018 | 0.17 | 0.0248 | 0.0483 | 0.0007 | 0.0007 | 0.0818 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 12 | 92 | 0.0016 | 0.019 | 0.0106 | 0.00581 | 0.0005 | 0.0005 | 0.013 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 12 | 92 | 0.001 | 0.012 | 0.00671 | 0.00378 | 0.0004 | 0.0004 | 0.0083 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 12 | 67 | 0.0017 | 0.011 | 0.00494 | 0.00296 | 0.0011 | 0.0056 | 0.00549 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | chromium, hexavalent | mg/kg | 11 | 12 | 92 | 0.063 | 0.61 | 0.214 | 0.159 | 0.038 | 0.038 | 0.401 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 marbella ave | lte02ft | chrysene | mg/kg | 11 | 12 | 92 | 0.0031 | 0.18 | 0.0367 | 0.0487 | 0.0012 | 0.0012 | 0.0938 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 marbella ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 8.35 | 13.6 | 11.31 | 1.686 | -- | -- | 12.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 20.2 | 28.9 | 25.27 | 3.001 | -- | -- | 26.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 12 | 58 | 0.0014 | 0.003 | 0.00233 | 0.00053452 | 0.0007 | 0.0034 | 0.00247 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 12 | 75 | 0.0015 | 0.014 | 0.00524 | 0.00366 | 0.0009 | 0.0043 | 0.0062 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 marbella ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 6.65 | 32 | 15.17 | 8.214 | -- | -- | 19.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | naphthalene | mg/kg | 8 | 12 | 67 | 0.0011 | 0.0032 | 0.00219 | 0.00065561 | 0.00026 | 0.00027 | 0.00233 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0011 | 0.42 | 0.0463 | 0.118 | -- | -- | 0.195 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte02ft | toluene | µg/kg | 12 | 12 | 100 | 0.22 | 0.51 | 0.322 | 0.0811 | -- | -- | 0.364 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | tph as diesel | mg/kg | 7 | 12 | 58 | 18 | 82 | 37.43 | 23.01 | 4.8 | 4.8 | 39.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 marbella ave | lte02ft | tph as gasoline | mg/kg | 6 | 12 | 50 | 0.059 | 0.11 | 0.0762 | 0.0189 | 0.048 | 0.051 | 0.079 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | tph as motor oil | mg/kg | 8 | 12 | 67 | 29 | 330 | 125.3 | 95.45 | 7 | 7 | 145.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 30.9 | 48.9 | 41.15 | 6.036 | -- | -- | 44.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24603 marbella ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 48.3 | 111 | 71.51 | 20.89 | -- | -- | 82.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 19 | 42 | 0.11 | 23 | 3.041 | 8.065 | 0.088 | 0.098 | 6.801 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 19 | 32 | 0.0017 | 14 | 2.335 | 5.714 | 0.0011 | 0.011 | 4.163 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 11 | 19 | 58 | 0.0017 | 17 | 1.55 | 5.124 | 0.0006 | 0.006 | 4.878 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 3.79 | 11.9 | 6.013 | 1.752 | -- | -- | 6.698 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 marbella ave | lte05ft | bap teq | mg/kg | 17 | 19 | 89 | 0.000753 | 0.769 | 0.0675 | 0.186 | 0.00053 | 0.00053 | 0.238 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte05ft | benzene | µg/kg | 16 | 19 | 84 | 0.19 | 0.81 | 0.384 | 0.181 | 0.1 | 12 | 0.446 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 14 | 19 | 74 | 0.0018 | 1.3 | 0.113 | 0.344 | 0.0007 | 0.0065 | 0.384 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 14 | 19 | 74 | 0.0016 | 0.58 | 0.0628 | 0.155 | 0.0005 | 0.0005 | 0.183 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 19 | 74 | 0.001 | 0.14 | 0.0181 | 0.0359 | 0.0004 | 0.0004 | 0.0454 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 19 | 47 | 0.0017 | 0.011 | 0.00468 | 0.00288 | 0.0011 | 0.09 | 0.00458 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 18 | 19 | 95 | 0.063 | 0.61 | 0.189 | 0.131 | 0.038 | 0.038 | 0.233 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 marbella ave | lte05ft | chrysene | mg/kg | 16 | 19 | 84 | 0.0031 | 2.8 | 0.219 | 0.69 | 0.0012 | 0.0012 | 0.824 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 8.35 | 15.7 | 11.47 | 1.782 | -- | -- | 12.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 16.1 | 30.5 | 24.08 | 4.178 | -- | -- | 25.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 19 | 47 | 0.0014 | 0.023 | 0.0047 | 0.00688 | 0.0007 | 0.054 | 0.00539 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 19 | 58 | 0.0015 | 0.047 | 0.00924 | 0.013 | 0.0009 | 0.069 | 0.0112 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 4.88 | 32 | 12.69 | 7.767 | -- | -- | 16.16 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 marbella ave | lte05ft | naphthalene | mg/kg | 11 | 19 | 58 | 0.00046 | 3.7 | 0.338 | 1.115 | 0.00025 | 0.00027 | 1.062 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte05ft | pyrene | mg/kg | 17 | 19 | 89 | 0.0011 | 6.1 | 0.399 | 1.472 | 0.0008 | 0.0008 | 1.756 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte05ft | tetrachloroethene | µg/kg | 6 | 19 | 32 | 0.15 | 4.3 | 1.213 | 1.649 | 0.13 | 15 | 0.954 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 marbella ave | lte05ft | toluene | µg/kg | 16 | 19 | 84 | 0.13 | 0.51 | 0.285 | 0.0976 | 0.12 | 14 | 0.311 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte05ft | tph as diesel | mg/kg | 11 | 19 | 58 | 18 | 12000 | 1368 | 3595 | 4.8 | 4.8 | 3623 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte05ft | tph as gasoline | mg/kg | 8 | 19 | 42 | 0.059 | 59 | 7.44 | 20.83 | 0.045 | 0.051 | 17.24 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte05ft | tph as motor oil | mg/kg | 13 | 19 | 68 | 8.7 | 18000 | 2017 | 5076 | 7 | 7 | 5693 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 29.6 | 52.9 | 40.09 | 6.616 | -- | -- | 42.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 37.4 | 111 | 64.89 | 19.44 | -- | -- | 72.85 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 26 | 35 | 0.11 | 23 | 2.738 | 7.599 | 0.088 | 9.5 | 5.007 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 26 | 35 | 0.0017 | 14 | 1.559 | 4.665 | 0.0011 | 0.011 | 2.982 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 15 | 26 | 58 | 0.0017 | 17 | 1.139 | 4.388 | 0.0006 | 0.006 | 3.55 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte10ft | arsenic | mg/kg | 26 | 26 | 100 | 2.87 | 12.3 | 6.214 | 2.396 | -- | -- | 7.041 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte10ft | bap teq | mg/kg | 22 | 26 | 85 | 0.000537 | 0.769 | 0.0529 | 0.165 | 0.00053 | 0.00053 | 0.175 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte10ft | benzene | µg/kg | 19 | 26 | 73 | 0.1 | 0.81 | 0.345 | 0.19 | 0.1 | 12 | 0.368 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 16 | 26 | 62 | 0.0018 | 1.3 | 0.0998 | 0.323 | 0.0007 | 0.0065 | 0.282 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 18 | 26 | 69 | 0.0016 | 0.58 | 0.0495 | 0.138 | 0.0005 | 0.0005 | 0.135 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 14 | 26 | 54 | 0.001 | 0.14 | 0.0181 | 0.0359 | 0.0004 | 0.0004 | 0.0339 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 26 | 35 | 0.0017 | 0.011 | 0.00468 | 0.00288 | 0.0011 | 0.09 | 0.00403 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 24 | 26 | 92 | 0.063 | 0.61 | 0.179 | 0.119 | 0.038 | 0.038 | 0.219 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 marbella ave | lte10ft | chrysene | mg/kg | 21 | 26 | 81 | 0.0013 | 2.8 | 0.169 | 0.605 | 0.0012 | 0.0012 | 0.605 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte10ft | cobalt | mg/kg | 26 | 26 | 100 | 7.32 | 15.7 | 10.8 | 2.117 | -- | -- | 11.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte10ft | copper | mg/kg | 26 | 26 | 100 | 14.3 | 30.5 | 22.69 | 4.674 | -- | -- | 24.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 26 | 35 | 0.0014 | 0.023 | 0.0047 | 0.00688 | 0.0007 | 0.054 | 0.00436 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 26 | 46 | 0.0012 | 0.047 | 0.00857 | 0.0126 | 0.0009 | 0.069 | 0.00869 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte10ft | lead | mg/kg | 26 | 26 | 100 | 4.25 | 32 | 11.19 | 7.11 | -- | -- | 13.61 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 marbella ave | lte10ft | naphthalene | mg/kg | 15 | 26 | 58 | 0.00046 | 3.7 | 0.252 | 0.954 | 0.00024 | 0.00027 | 0.775 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte10ft | pyrene | mg/kg | 22 | 26 | 85 | 0.0011 | 6.1 | 0.31 | 1.296 | 0.0008 | 0.0008 | 1.286 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte10ft | tetrachloroethene | µg/kg | 8 | 26 | 31 | 0.14 | 4.3 | 0.95 | 1.476 | 0.13 | 15 | 0.754 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte10ft | thallium | mg/kg | 5 | 26 | 19 | 0.293 | 0.98 | 0.557 | 0.287 | 0.0987 | 0.232 | 0.496 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte10ft | toluene | µg/kg | 21 | 26 | 81 | 0.12 | 0.51 | 0.25 | 0.106 | 0.12 | 14 | 0.273 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte10ft | tph as diesel | mg/kg | 12 | 26 | 46 | 18 | 12000 | 1258 | 3449 | 4.8 | 4.8 | 2668 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte10ft | tph as gasoline | mg/kg | 9 | 26 | 35 | 0.059 | 59 | 6.623 | 19.64 | 0.045 | 0.053 | 12.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 marbella ave | lte10ft | tph as motor oil | mg/kg | 14 | 26 | 54 | 8.7 | 18000 | 1881 | 4903 | 7 | 7 | 4203 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 marbella ave | lte10ft | vanadium | mg/kg | 26 | 26 | 100 | 29.6 | 59.2 | 42.37 | 8.16 | -- | -- | 45.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 marbella ave | lte10ft | zinc | mg/kg | 26 | 26 | 100 | 37.4 | 111 | 60.6 | 18.21 | -- | -- | 66.88 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0012 | 0.97 | 0.166 | 0.394 | 0.0011 | 0.0011 | 0.452 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 12 | 75 | 0.0008 | 1.7 | 0.194 | 0.565 | 0.0006 | 0.0006 | 0.771 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 0.921 | 8.62 | 3.71 | 2.437 | -- | -- | 5.239 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | bap teq | mg/kg | 7 | 12 | 58 | 0.00123 | 0.0225 | 0.00812 | 0.00692 | 0.00053 | 0.0261 | 0.00972 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | benzene | µg/kg | 5 | 12 | 42 | 0.12 | 79 | 15.94 | 35.25 | 0.1 | 0.13 | 37.38 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24603 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 12 | 58 | 0.0009 | 0.012 | 0.0043 | 0.00371 | 0.0007 | 0.033 | 0.00502 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 12 | 58 | 0.0008 | 0.017 | 0.0061 | 0.00525 | 0.0005 | 0.025 | 0.00716 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0014 | 0.01 | 0.00445 | 0.00296 | 0.0004 | 0.018 | 0.00498 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0012 | 0.012 | 0.00458 | 0.00377 | 0.0011 | 0.056 | 0.00485 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | chrysene | mg/kg | 7 | 12 | 58 | 0.0015 | 0.018 | 0.00676 | 0.00577 | 0.0012 | 0.059 | 0.00785 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 2.52 | 8.82 | 5.093 | 2.172 | -- | -- | 6.219 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 2.82 | 17.5 | 8.228 | 4.551 | -- | -- | 10.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 12 | 50 | 0.0018 | 0.011 | 0.00455 | 0.00327 | 0.0009 | 0.043 | 0.00484 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 1.51 | 5.21 | 3.465 | 1.257 | -- | -- | 4.117 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | naphthalene | mg/kg | 9 | 12 | 75 | 0.00061 | 0.85 | 0.0975 | 0.282 | 0.00027 | 0.00031 | 0.386 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | gt05lte10ft | pyrene | mg/kg | 9 | 12 | 75 | 0.0009 | 0.049 | 0.0118 | 0.015 | 0.0008 | 0.041 | 0.027 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | toluene | µg/kg | 6 | 12 | 50 | 0.12 | 330 | 55.16 | 134.6 | 0.11 | 0.14 | 153.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 9.61 | 32.1 | 19.93 | 7.111 | -- | -- | 23.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 12.6 | 38 | 24.03 | 8.756 | -- | -- | 28.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 24 | 46 | 0.14 | 26000 | 2364 | 7839 | 0.091 | 0.11 | 5932 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 11 | 24 | 46 | 0.0012 | 14 | 1.279 | 4.219 | 0.0011 | 0.043 | 3.198 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 24 | 71 | 0.0012 | 25 | 1.486 | 6.059 | 0.0006 | 0.024 | 5.633 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte02ft | antimony | mg/kg | 6 | 24 | 25 | 0.349 | 1.08 | 0.72 | 0.253 | 0.306 | 0.306 | 0.774 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 0.552 | 8.32 | 3.343 | 2.791 | -- | -- | 4.601 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 neptune ave | lte02ft | bap teq | mg/kg | 20 | 24 | 83 | 0.00101 | 0.109 | 0.0305 | 0.0367 | 0.00053 | 0.103 | 0.0582 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte02ft | benzene | µg/kg | 17 | 24 | 71 | 0.11 | 2400 | 141.4 | 582 | 0.11 | 0.13 | 540 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 24 | 63 | 0.0011 | 0.16 | 0.0412 | 0.0482 | 0.0007 | 0.13 | 0.0441 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 20 | 24 | 83 | 0.0007 | 0.083 | 0.0213 | 0.0257 | 0.0005 | 0.099 | 0.0413 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 17 | 24 | 71 | 0.0005 | 0.06 | 0.0132 | 0.0169 | 0.0004 | 0.07 | 0.0242 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 24 | 25 | 0.0025 | 0.055 | 0.0156 | 0.02 | 0.0011 | 0.23 | 0.0108 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte02ft | cadmium | mg/kg | 5 | 24 | 21 | 0.0972 | 0.198 | 0.136 | 0.0443 | 0.0883 | 0.0883 | 0.124 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | lte02ft | chrysene | mg/kg | 18 | 24 | 75 | 0.0014 | 0.42 | 0.0914 | 0.132 | 0.0012 | 0.22 | 0.178 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 6.26 | 11.2 | 7.767 | 1.492 | -- | -- | 8.302 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte02ft | copper | mg/kg | 24 | 24 | 100 | 7.1 | 26.3 | 11.93 | 4.841 | -- | -- | 13.68 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 24 | 29 | 0.0016 | 0.031 | 0.0107 | 0.0112 | 0.0007 | 0.13 | 0.00808 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 24 | 33 | 0.0009 | 0.063 | 0.0165 | 0.0208 | 0.0009 | 0.17 | 0.0121 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte02ft | lead | mg/kg | 24 | 24 | 100 | 3.66 | 16.1 | 7.336 | 3.545 | -- | -- | 8.639 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte02ft | naphthalene | mg/kg | 14 | 24 | 58 | 0.00048 | 10 | 0.723 | 2.67 | 0.00025 | 0.00031 | 2.266 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte02ft | pyrene | mg/kg | 20 | 24 | 83 | 0.0032 | 0.38 | 0.0757 | 0.0988 | 0.0008 | 0.16 | 0.149 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte02ft | toluene | µg/kg | 15 | 24 | 63 | 0.13 | 2700 | 180.2 | 697.1 | 0.12 | 0.15 | 609.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte02ft | tph as diesel | mg/kg | 15 | 24 | 63 | 6.3 | 9500 | 993.8 | 2457 | 4.8 | 4.8 | 2407 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte02ft | tph as gasoline | mg/kg | 8 | 24 | 33 | 0.051 | 1600 | 200.1 | 565.6 | 0.046 | 0.065 | 370.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte02ft | tph as motor oil | mg/kg | 17 | 24 | 71 | 8.5 | 8000 | 1143 | 2113 | 7 | 7 | 2463 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 neptune ave | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 19.2 | 37.9 | 26.28 | 5.702 | -- | -- | 28.34 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte02ft | xylenes, total | µg/kg | 10 | 24 | 42 | 0.23 | 47000 | 4701 | 14863 | 0.16 | 0.2 | 10767 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 20.6 | 83.8 | 33.3 | 14.15 | -- | -- | 38.47 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 37 | 46 | 0.12 | 26000 | 2883 | 8154 | 0.091 | 0.11 | 5425 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 37 | 14 | 0.14 | 11000 | 4040 | 5568 | 0.076 | 0.17 | 1258 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 18 | 37 | 49 | 0.0012 | 14 | 1.155 | 3.572 | 0.0011 | 0.043 | 2.398 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 28 | 37 | 76 | 0.0006 | 25 | 1.368 | 5.241 | 0.0006 | 0.024 | 4.331 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte05ft | antimony | mg/kg | 16 | 37 | 43 | 0.349 | 1.08 | 0.674 | 0.187 | 0.306 | 0.306 | 0.601 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | lte05ft | arsenic | mg/kg | 37 | 37 | 100 | 0.532 | 8.32 | 3.315 | 2.411 | -- | -- | 4.139 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte05ft | bap teq | mg/kg | 28 | 37 | 76 | 0.000536 | 0.109 | 0.0228 | 0.0333 | 0.00053 | 0.103 | 0.0404 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte05ft | benzene | µg/kg | 20 | 37 | 54 | 0.11 | 2900 | 265.2 | 819.6 | 0.1 | 0.24 | 586 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 37 | 57 | 0.0008 | 0.16 | 0.0305 | 0.0439 | 0.0007 | 0.13 | 0.0298 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 26 | 37 | 70 | 0.0005 | 0.083 | 0.0171 | 0.0237 | 0.0005 | 0.099 | 0.0289 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 21 | 37 | 57 | 0.0005 | 0.06 | 0.0112 | 0.0158 | 0.0004 | 0.07 | 0.011 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 37 | 24 | 0.0012 | 0.055 | 0.0113 | 0.0171 | 0.0011 | 0.23 | 0.00693 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte05ft | cadmium | mg/kg | 5 | 37 | 14 | 0.0972 | 0.198 | 0.136 | 0.0443 | 0.0883 | 0.0883 | 0.118 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | lte05ft | chrysene | mg/kg | 24 | 37 | 65 | 0.0012 | 0.42 | 0.0707 | 0.12 | 0.0012 | 0.22 | 0.121 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte05ft | cobalt | mg/kg | 37 | 37 | 100 | 6.26 | 12.6 | 8.158 | 1.625 | -- | -- | 8.61 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 neptune ave | lte05ft | copper | mg/kg | 37 | 37 | 100 | 7.1 | 26.3 | 11.81 | 4.108 | -- | -- | 12.98 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 37 | 27 | 0.0013 | 0.031 | 0.00793 | 0.0101 | 0.0007 | 0.13 | 0.00565 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 37 | 30 | 0.0009 | 0.063 | 0.0127 | 0.0186 | 0.0009 | 0.17 | 0.00828 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24603 neptune ave | lte05ft | lead | mg/kg | 37 | 37 | 100 | 3.66 | 16.1 | 7.081 | 2.962 | -- | -- | 7.899 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte05ft | naphthalene | mg/kg | 24 | 37 | 65 | 0.00048 | 10 | 0.749 | 2.531 | 0.00025 | 0.00057 | 1.97 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte05ft | pyrene | mg/kg | 30 | 37 | 81 | 0.001 | 0.38 | 0.0526 | 0.0868 | 0.0008 | 0.16 | 0.102 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte05ft | toluene | µg/kg | 19 | 37 | 51 | 0.13 | 3500 | 326.5 | 986.4 | 0.11 | 0.26 | 688.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte05ft | tph as diesel | mg/kg | 19 | 37 | 51 | 6.3 | 9500 | 990.5 | 2299 | 4.8 | 4.8 | 1747 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte05ft | tph as gasoline | mg/kg | 9 | 37 | 24 | 0.051 | 1700 | 366.8 | 728 | 0.046 | 0.12 | 373 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte05ft | tph as motor oil | mg/kg | 21 | 37 | 57 | 8.5 | 8000 | 1096 | 1992 | 7 | 7 | 1091 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 neptune ave | lte05ft | vanadium | mg/kg | 37 | 37 | 100 | 19.2 | 43.1 | 29.2 | 7.332 | -- | -- | 31.35 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 neptune ave | lte05ft | xylenes, total | µg/kg | 12 | 37 | 32 | 0.23 | 59000 | 8834 | 20788 | 0.15 | 0.35 | 11896 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte05ft | zinc | mg/kg | 37 | 37 | 100 | 20.6 | 83.8 | 32.69 | 11.72 | -- | -- | 36.08 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 20 | 49 | 41 | 0.1 | 26000 | 2611 | 7536 | 0.088 | 0.11 | 4174 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 49 | 14 | 0.14 | 11000 | 3072 | 4852 | 0.074 | 0.17 | 959 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 24 | 49 | 49 | 0.0012 | 14 | 0.908 | 3.107 | 0.0011 | 0.043 | 1.83 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 37 | 49 | 76 | 0.0006 | 25 | 1.082 | 4.575 | 0.0006 | 0.024 | 3.311 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte10ft | antimony | mg/kg | 19 | 49 | 39 | 0.349 | 1.08 | 0.67 | 0.182 | 0.306 | 0.306 | 0.569 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | lte10ft | arsenic | mg/kg | 49 | 49 | 100 | 0.532 | 8.62 | 3.412 | 2.398 | -- | -- | 4.086 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte10ft | bap teq | mg/kg | 35 | 49 | 71 | 0.000536 | 0.109 | 0.0199 | 0.0304 | 0.00053 | 0.103 | 0.032 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte10ft | benzene | µg/kg | 25 | 49 | 51 | 0.11 | 2900 | 215.4 | 736.5 | 0.1 | 0.24 | 444.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 49 | 57 | 0.0008 | 0.16 | 0.024 | 0.0396 | 0.0007 | 0.13 | 0.0346 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 33 | 49 | 67 | 0.0005 | 0.083 | 0.0148 | 0.0216 | 0.0005 | 0.099 | 0.0229 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 27 | 49 | 55 | 0.0005 | 0.06 | 0.00971 | 0.0142 | 0.0004 | 0.07 | 0.00891 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 49 | 31 | 0.0012 | 0.055 | 0.00861 | 0.0136 | 0.0011 | 0.23 | 0.00638 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte10ft | cadmium | mg/kg | 5 | 49 | 10 | 0.0972 | 0.198 | 0.136 | 0.0443 | 0.0883 | 0.0883 | 0.116 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | lte10ft | chrysene | mg/kg | 31 | 49 | 63 | 0.0012 | 0.42 | 0.0563 | 0.108 | 0.0012 | 0.22 | 0.093 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte10ft | cobalt | mg/kg | 49 | 49 | 100 | 2.52 | 12.6 | 7.407 | 2.199 | -- | -- | 7.934 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | lte10ft | copper | mg/kg | 49 | 49 | 100 | 2.82 | 26.3 | 10.93 | 4.453 | -- | -- | 12.07 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 49 | 29 | 0.0007 | 0.031 | 0.00609 | 0.00895 | 0.0007 | 0.13 | 0.00445 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte10ft | ethylbenzene | µg/kg | 6 | 49 | 12 | 0.23 | 8300 | 2488 | 3663 | 0.12 | 0.27 | 679.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 49 | 35 | 0.0009 | 0.063 | 0.00984 | 0.0153 | 0.0009 | 0.17 | 0.00742 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte10ft | lead | mg/kg | 49 | 49 | 100 | 1.51 | 16.1 | 6.195 | 3.068 | -- | -- | 6.963 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 neptune ave | lte10ft | naphthalene | mg/kg | 33 | 49 | 67 | 0.00048 | 10 | 0.572 | 2.171 | 0.00025 | 0.00057 | 1.507 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte10ft | pyrene | mg/kg | 39 | 49 | 80 | 0.0009 | 0.38 | 0.0432 | 0.0781 | 0.0008 | 0.16 | 0.0802 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte10ft | toluene | µg/kg | 25 | 49 | 51 | 0.12 | 3500 | 261.4 | 864.6 | 0.11 | 0.26 | 526.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte10ft | tph as diesel | mg/kg | 20 | 49 | 41 | 6.3 | 9500 | 967 | 2240 | 4.8 | 4.8 | 1339 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 neptune ave | lte10ft | tph as gasoline | mg/kg | 11 | 49 | 22 | 0.051 | 1700 | 322.8 | 660.8 | 0.046 | 0.12 | 286.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte10ft | tph as motor oil | mg/kg | 23 | 49 | 47 | 8.5 | 8000 | 1025 | 1915 | 7 | 7 | 823.6 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 neptune ave | lte10ft | vanadium | mg/kg | 49 | 49 | 100 | 9.61 | 43.1 | 26.93 | 8.254 | -- | -- | 28.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 neptune ave | lte10ft | xylenes, total | µg/kg | 14 | 49 | 29 | 0.23 | 59000 | 7944 | 19283 | 0.15 | 0.35 | 9094 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 neptune ave | lte10ft | zinc | mg/kg | 49 | 49 | 100 | 12.6 | 83.8 | 30.57 | 11.61 | -- | -- | 33.25 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 16 | 56 | 0.0013 | 0.057 | 0.00866 | 0.0182 | 0.0011 | 0.021 | 0.021 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 16 | 88 | 0.0012 | 0.15 | 0.0168 | 0.0388 | 0.0006 | 0.0006 | 0.0549 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.36 | 8.04 | 4.888 | 1.448 | -- | -- | 5.522 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00078 | 0.149 | 0.0234 | 0.0387 | -- | -- | 0.0476 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 16 | 88 | 0.0013 | 0.13 | 0.0219 | 0.0342 | 0.0007 | 0.0007 | 0.055 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.0005 | 0.11 | 0.0175 | 0.029 | -- | -- | 0.0361 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 16 | 81 | 0.0007 | 0.063 | 0.0129 | 0.0176 | 0.0004 | 0.0004 | 0.0288 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 16 | 38 | 0.0011 | 0.02 | 0.00588 | 0.00717 | 0.0011 | 0.023 | 0.00546 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte02ft | chrysene | mg/kg | 15 | 16 | 94 | 0.0018 | 0.51 | 0.0683 | 0.13 | 0.0012 | 0.0012 | 0.202 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.55 | 8.66 | 6.99 | 0.777 | -- | -- | 7.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 6.71 | 14.5 | 10.62 | 2.207 | -- | -- | 11.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 16 | 50 | 0.0015 | 0.025 | 0.006 | 0.00794 | 0.0007 | 0.013 | 0.00649 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 16 | 63 | 0.001 | 0.037 | 0.0106 | 0.0124 | 0.0009 | 0.0009 | 0.0123 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 5.74 | 25.1 | 8.863 | 4.73 | -- | -- | 11.08 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte02ft | naphthalene | mg/kg | 11 | 16 | 69 | 0.001 | 0.061 | 0.00843 | 0.0175 | 0.00025 | 0.00027 | 0.0224 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte02ft | pyrene | mg/kg | 15 | 16 | 94 | 0.0011 | 0.6 | 0.087 | 0.193 | 0.0008 | 0.0008 | 0.287 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte02ft | tph as diesel | mg/kg | 13 | 16 | 81 | 11 | 280 | 92.38 | 99.8 | 4.8 | 4.8 | 181.6 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 panama ave | lte02ft | tph as motor oil | mg/kg | 15 | 16 | 94 | 8.7 | 770 | 199.4 | 245.5 | 7 | 7 | 451.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 22.1 | 31.7 | 26.49 | 2.848 | -- | -- | 27.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 26 | 42.9 | 35.58 | 5.483 | -- | -- | 37.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24603 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 23 | 52 | 0.0013 | 0.59 | 0.0628 | 0.168 | 0.0011 | 0.021 | 0.147 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 23 | 87 | 0.0006 | 0.47 | 0.0461 | 0.11 | 0.0006 | 0.0006 | 0.134 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte05ft | arsenic | mg/kg | 23 | 23 | 100 | 2.36 | 8.04 | 4.669 | 1.3 | -- | -- | 5.134 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte05ft | bap teq | mg/kg | 20 | 23 | 87 | 0.00078 | 0.863 | 0.106 | 0.252 | 0.00053 | 0.00053 | 0.309 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 23 | 78 | 0.0011 | 1 | 0.125 | 0.286 | 0.0007 | 0.0007 | 0.333 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 23 | 87 | 0.0005 | 0.59 | 0.0757 | 0.178 | 0.0005 | 0.0005 | 0.219 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 23 | 74 | 0.0007 | 0.41 | 0.0547 | 0.119 | 0.0004 | 0.0004 | 0.136 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 23 | 35 | 0.0011 | 0.26 | 0.0384 | 0.0898 | 0.0011 | 0.45 | 0.0358 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 panama ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 23 | 30 | 0.24 | 0.56 | 0.384 | 0.114 | 0.22 | 0.22 | 0.387 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte05ft | chrysene | mg/kg | 19 | 23 | 83 | 0.0018 | 2.1 | 0.291 | 0.635 | 0.0012 | 0.0012 | 0.775 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 panama ave | lte05ft | cobalt | mg/kg | 23 | 23 | 100 | 5.55 | 12.8 | 7.397 | 1.564 | -- | -- | 7.937 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 panama ave | lte05ft | copper | mg/kg | 23 | 23 | 100 | 6.71 | 14.5 | 10.36 | 2.009 | -- | -- | 11.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 23 | 43 | 0.0015 | 0.1 | 0.016 | 0.0304 | 0.0007 | 0.27 | 0.0161 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 23 | 52 | 0.001 | 0.52 | 0.0532 | 0.147 | 0.0009 | 0.35 | 0.128 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte05ft | lead | mg/kg | 23 | 23 | 100 | 5.74 | 44.4 | 10.25 | 8.427 | -- | -- | 13.48 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte05ft | naphthalene | mg/kg | 17 | 23 | 74 | 0.00094 | 0.086 | 0.0123 | 0.0242 | 0.00025 | 0.00027 | 0.0289 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte05ft | pyrene | mg/kg | 19 | 23 | 83 | 0.0011 | 4.7 | 0.442 | 1.152 | 0.0008 | 0.0008 | 1.33 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte05ft | tph as diesel | mg/kg | 16 | 23 | 70 | 11 | 4400 | 394.9 | 1082 | 4.8 | 4.8 | 1115 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte05ft | tph as motor oil | mg/kg | 18 | 23 | 78 | 8.7 | 5700 | 547.7 | 1323 | 7 | 7 | 1514 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte05ft | vanadium | mg/kg | 23 | 23 | 100 | 22.1 | 41.7 | 28.39 | 4.897 | -- | -- | 30.15 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte05ft | zinc | mg/kg | 23 | 23 | 100 | 26 | 42.9 | 35.49 | 5.16 | -- | -- | 37.33 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 14 | 30 | 47 | 0.0013 | 0.59 | 0.0549 | 0.155 | 0.0011 | 0.021 | 0.114 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 30 | 83 | 0.0006 | 0.47 | 0.0377 | 0.0991 | 0.0006 | 0.0006 | 0.104 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte10ft | antimony | mg/kg | 6 | 30 | 20 | 0.31 | 0.853 | 0.602 | 0.178 | 0.306 | 0.306 | 0.611 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 2.36 | 8.04 | 4.837 | 1.297 | -- | -- | 5.239 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte10ft | bap teq | mg/kg | 24 | 30 | 80 | 0.000536 | 0.863 | 0.0897 | 0.232 | 0.00053 | 0.00053 | 0.24 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 21 | 30 | 70 | 0.0011 | 1 | 0.108 | 0.267 | 0.0007 | 0.0007 | 0.258 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 30 | 77 | 0.0005 | 0.59 | 0.0666 | 0.167 | 0.0005 | 0.0005 | 0.17 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 30 | 67 | 0.0007 | 0.41 | 0.0474 | 0.111 | 0.0004 | 0.0004 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 30 | 33 | 0.0011 | 0.26 | 0.0313 | 0.0806 | 0.0011 | 0.45 | 0.0518 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte10ft | chromium, hexavalent | mg/kg | 12 | 30 | 40 | 0.24 | 0.56 | 0.355 | 0.0962 | 0.22 | 0.22 | 0.324 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte10ft | chrysene | mg/kg | 23 | 30 | 77 | 0.0012 | 2.1 | 0.243 | 0.585 | 0.0012 | 0.0012 | 0.602 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 4.55 | 12.8 | 6.895 | 1.68 | -- | -- | 7.413 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 6.71 | 14.5 | 9.877 | 2.044 | -- | -- | 10.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 30 | 40 | 0.0014 | 0.1 | 0.0136 | 0.028 | 0.0007 | 0.27 | 0.0136 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 30 | 47 | 0.001 | 0.52 | 0.0461 | 0.137 | 0.0009 | 0.35 | 0.0988 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 5.23 | 44.4 | 9.324 | 7.547 | -- | -- | 11.83 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte10ft | naphthalene | mg/kg | 22 | 30 | 73 | 0.00094 | 0.086 | 0.0102 | 0.0215 | 0.00025 | 0.00028 | 0.0228 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte10ft | pyrene | mg/kg | 24 | 30 | 80 | 0.0011 | 4.7 | 0.353 | 1.035 | 0.0008 | 0.0008 | 1.028 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte10ft | tph as diesel | mg/kg | 18 | 30 | 60 | 11 | 4400 | 356.5 | 1022 | 4.8 | 4.8 | 863.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 panama ave | lte10ft | tph as gasoline | mg/kg | 5 | 30 | 17 | 0.049 | 0.68 | 0.214 | 0.266 | 0.047 | 0.057 | 0.116 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte10ft | tph as motor oil | mg/kg | 20 | 30 | 67 | 8.7 | 5700 | 500.5 | 1260 | 7 | 7 | 1177 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 panama ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 20.9 | 41.7 | 27.47 | 4.922 | -- | -- | 28.99 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 panama ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 23.3 | 42.9 | 33.69 | 5.901 | -- | -- | 35.52 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 2.34 | 5.14 | 4.079 | 0.902 | -- | -- | 4.683 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 2.6 | 5.34 | 3.498 | 0.927 | -- | -- | 4.118 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 3.45 | 7.56 | 4.773 | 1.312 | -- | -- | 5.651 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 1.78 | 3.53 | 2.508 | 0.544 | -- | -- | 2.872 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 6 | 8 | 75 | 0.00033 | 0.018 | 0.00564 | 0.00641 | 0.00033 | 0.00035 | 0.0084 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | gt05lte10ft | thallium | mg/kg | 6 | 8 | 75 | 1.46 | 2.68 | 1.788 | 0.474 | 0.0987 | 0.0987 | 1.973 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 ravenna ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 11.3 | 24.3 | 15.48 | 4.208 | -- | -- | 18.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 14.9 | 29 | 18.66 | 4.745 | -- | -- | 22.08 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 5 | 15 | 33 | 0.001 | 1.2 | 0.248 | 0.532 | 0.0006 | 0.0024 | 0.235 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 ravenna ave | lte02ft | arsenic | mg/kg | 15 | 15 | 100 | 2.17 | 4.29 | 3.144 | 0.534 | -- | -- | 3.387 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte02ft | bap teq | mg/kg | 5 | 15 | 33 | 0.00112 | 1.168 | 0.237 | 0.521 | 0.00053 | 0.00208 | 0.228 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 ravenna ave | lte02ft | benzene | µg/kg | 7 | 15 | 47 | 0.12 | 0.5 | 0.209 | 0.134 | 0.1 | 11 | 0.219 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 5 | 15 | 33 | 0.0009 | 0.92 | 0.187 | 0.41 | 0.0007 | 0.0026 | 0.179 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 5 | 15 | 33 | 0.0007 | 0.85 | 0.172 | 0.379 | 0.0005 | 0.002 | 0.166 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 5 | 15 | 33 | 0.0007 | 0.41 | 0.0843 | 0.182 | 0.0004 | 0.0014 | 0.0804 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24603 ravenna ave | lte02ft | cobalt | mg/kg | 15 | 15 | 100 | 5.67 | 8.59 | 6.754 | 0.852 | -- | -- | 7.142 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte02ft | copper | mg/kg | 15 | 15 | 100 | 6.8 | 19.4 | 8.572 | 3.095 | -- | -- | 10.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte02ft | lead | mg/kg | 15 | 15 | 100 | 3.16 | 73.8 | 10.54 | 18.22 | -- | -- | 31.05 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte02ft | naphthalene | mg/kg | 13 | 15 | 87 | 0.001 | 0.53 | 0.0691 | 0.146 | 0.00032 | 0.00035 | 0.216 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 ravenna ave | lte02ft | pyrene | mg/kg | 12 | 15 | 80 | 0.0009 | 1.3 | 0.111 | 0.374 | 0.0008 | 0.0033 | 0.47 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte02ft | thallium | mg/kg | 10 | 15 | 67 | 2.67 | 3.33 | 3.084 | 0.197 | 0.0987 | 0.232 | 3.118 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte02ft | toluene | µg/kg | 11 | 15 | 73 | 0.14 | 30 | 3.265 | 8.882 | 0.12 | 12 | 11.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte02ft | tph as diesel | mg/kg | 8 | 15 | 53 | 5.6 | 5300 | 688.3 | 1864 | 4.8 | 4.8 | 1955 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte02ft | tph as gasoline | mg/kg | 5 | 15 | 33 | 0.053 | 0.18 | 0.111 | 0.0593 | 0.043 | 0.42 | 0.109 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte02ft | tph as motor oil | mg/kg | 6 | 15 | 40 | 12 | 13000 | 2193 | 5294 | 7 | 7 | 4877 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte02ft | vanadium | mg/kg | 15 | 15 | 100 | 21.5 | 32 | 24.03 | 2.901 | -- | -- | 25.41 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte02ft | xylenes, total | µg/kg | 6 | 15 | 40 | 0.26 | 1 | 0.525 | 0.272 | 0.15 | 16 | 0.553 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte02ft | zinc | mg/kg | 15 | 15 | 100 | 24.6 | 84.7 | 33.39 | 15.71 | -- | -- | 41.04 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 23 | 26 | 0.11 | 0.62 | 0.248 | 0.199 | 0.087 | 9.5 | 0.194 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24603 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 23 | 26 | 0.0012 | 0.29 | 0.0532 | 0.116 | 0.0011 | 0.0043 | 0.0732 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 9 | 23 | 39 | 0.0008 | 1.2 | 0.14 | 0.398 | 0.0006 | 0.0024 | 0.29 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | arsenic | mg/kg | 23 | 23 | 100 | 2.17 | 6.02 | 3.675 | 0.977 | -- | -- | 4.025 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte05ft | bap teq | mg/kg | 6 | 23 | 26 | 0.00112 | 1.168 | 0.198 | 0.476 | 0.00053 | 0.00208 | 0.289 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | benzene | µg/kg | 8 | 23 | 35 | 0.12 | 0.5 | 0.199 | 0.127 | 0.1 | 11 | 0.185 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 6 | 23 | 26 | 0.0009 | 0.92 | 0.156 | 0.374 | 0.0007 | 0.0026 | 0.228 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 6 | 23 | 26 | 0.0007 | 0.85 | 0.144 | 0.346 | 0.0005 | 0.002 | 0.21 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 6 | 23 | 26 | 0.0007 | 0.41 | 0.0705 | 0.166 | 0.0004 | 0.0014 | 0.102 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | cadmium | mg/kg | 5 | 23 | 22 | 0.115 | 0.221 | 0.155 | 0.0488 | 0.0099 | 0.0883 | 0.141 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 23 | 26 | 0.07 | 0.79 | 0.31 | 0.29 | 0.22 | 0.22 | 0.26 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte05ft | chrysene | mg/kg | 5 | 23 | 22 | 0.0012 | 2.4 | 0.484 | 1.071 | 0.0012 | 0.0047 | 0.603 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 ravenna ave | lte05ft | cobalt | mg/kg | 23 | 23 | 100 | 5.67 | 13.3 | 7.548 | 1.761 | -- | -- | 8.202 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | copper | mg/kg | 23 | 23 | 100 | 6.8 | 19.4 | 8.918 | 2.557 | -- | -- | 9.896 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | lead | mg/kg | 23 | 23 | 100 | 3.16 | 73.8 | 8.663 | 14.78 | -- | -- | 22.1 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | naphthalene | mg/kg | 18 | 23 | 78 | 0.001 | 0.53 | 0.0508 | 0.127 | 0.00024 | 0.00035 | 0.144 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 ravenna ave | lte05ft | pyrene | mg/kg | 16 | 23 | 70 | 0.0009 | 1.3 | 0.0847 | 0.324 | 0.0008 | 0.0033 | 0.308 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | thallium | mg/kg | 15 | 23 | 65 | 2.12 | 3.47 | 3.082 | 0.333 | 0.0987 | 0.232 | 3.107 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24603 ravenna ave | lte05ft | toluene | µg/kg | 14 | 23 | 61 | 0.14 | 30 | 2.652 | 7.885 | 0.11 | 12 | 7.392 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | tph as diesel | mg/kg | 8 | 23 | 35 | 5.6 | 5300 | 688.3 | 1864 | 4.8 | 4.8 | 1291 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | tph as gasoline | mg/kg | 6 | 23 | 26 | 0.053 | 0.18 | 0.111 | 0.0531 | 0.043 | 0.42 | 0.102 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte05ft | tph as motor oil | mg/kg | 6 | 23 | 26 | 12 | 13000 | 2193 | 5294 | 7 | 7 | 3217 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | vanadium | mg/kg | 23 | 23 | 100 | 21.5 | 36.5 | 27.23 | 5.194 | -- | -- | 29.11 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte05ft | xylenes, total | µg/kg | 9 | 23 | 39 | 0.19 | 1 | 0.48 | 0.261 | 0.15 | 16 | 0.423 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte05ft | zinc | mg/kg | 23 | 23 | 100 | 21.4 | 84.7 | 33.54 | 13.23 | -- | -- | 38.56 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 31 | 29 | 0.1 | 0.68 | 0.27 | 0.226 | 0.087 | 9.5 | 0.203 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 8 | 31 | 26 | 0.0012 | 0.29 | 0.0404 | 0.101 | 0.0011 | 0.0043 | 0.0539 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 11 | 31 | 35 | 0.0008 | 1.2 | 0.115 | 0.36 | 0.0006 | 0.0024 | 0.215 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | arsenic | mg/kg | 31 | 31 | 100 | 2.17 | 6.02 | 3.779 | 0.961 | -- | -- | 4.072 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte10ft | bap teq | mg/kg | 6 | 31 | 19 | 0.00112 | 1.168 | 0.198 | 0.476 | 0.00053 | 0.00208 | 0.216 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | benzene | µg/kg | 8 | 31 | 26 | 0.12 | 0.5 | 0.199 | 0.127 | 0.1 | 11 | 0.172 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 6 | 31 | 19 | 0.0009 | 0.92 | 0.156 | 0.374 | 0.0007 | 0.0026 | 0.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 6 | 31 | 19 | 0.0007 | 0.85 | 0.144 | 0.346 | 0.0005 | 0.002 | 0.157 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 31 | 19 | 0.0007 | 0.41 | 0.0705 | 0.166 | 0.0004 | 0.0014 | 0.0762 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | cadmium | mg/kg | 5 | 31 | 16 | 0.115 | 0.221 | 0.155 | 0.0488 | 0.0099 | 0.0883 | 0.138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 31 | 23 | 0.066 | 0.79 | 0.275 | 0.28 | 0.038 | 0.22 | 0.175 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | chrysene | mg/kg | 5 | 31 | 16 | 0.0012 | 2.4 | 0.484 | 1.071 | 0.0012 | 0.0047 | 0.45 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 ravenna ave | lte10ft | cobalt | mg/kg | 31 | 31 | 100 | 2.6 | 13.3 | 6.503 | 2.392 | -- | -- | 7.232 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte10ft | copper | mg/kg | 31 | 31 | 100 | 3.45 | 19.4 | 7.848 | 2.932 | -- | -- | 8.771 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | lead | mg/kg | 31 | 31 | 100 | 1.78 | 73.8 | 7.075 | 12.95 | -- | -- | 17.21 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | naphthalene | mg/kg | 24 | 31 | 77 | 0.00033 | 0.53 | 0.0395 | 0.111 | 0.00024 | 0.00035 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24603 ravenna ave | lte10ft | pyrene | mg/kg | 20 | 31 | 65 | 0.0009 | 1.3 | 0.0689 | 0.29 | 0.0008 | 0.0033 | 0.229 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | thallium | mg/kg | 21 | 31 | 68 | 1.46 | 3.47 | 2.712 | 0.702 | 0.0987 | 0.232 | 2.573 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | toluene | µg/kg | 16 | 31 | 52 | 0.14 | 30 | 2.367 | 7.382 | 0.11 | 12 | 5.546 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | tph as diesel | mg/kg | 8 | 31 | 26 | 5.6 | 5300 | 688.3 | 1864 | 4.8 | 4.8 | 964 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | tph as gasoline | mg/kg | 6 | 31 | 19 | 0.053 | 0.18 | 0.111 | 0.0531 | 0.043 | 0.42 | 0.0962 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24603 ravenna ave | lte10ft | tph as motor oil | mg/kg | 6 | 31 | 19 | 12 | 13000 | 2193 | 5294 | 7 | 7 | 2402 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24603 ravenna ave | lte10ft | vanadium | mg/kg | 31 | 31 | 100 | 11.3 | 36.5 | 24.2 | 7.159 | -- | -- | 26.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte10ft | xylenes, total | µg/kg | 11 | 31 | 35 | 0.19 | 1 | 0.443 | 0.25 | 0.15 | 16 | 0.364 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24603 ravenna ave | lte10ft | zinc | mg/kg | 31 | 31 | 100 | 14.9 | 84.7 | 29.7 | 13.32 | -- | -- | 33.94 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 15 | 47 | 0.14 | 24000 | 4306 | 8943 | 0.094 | 11 | 4981 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 15 | 33 | 1.1 | 7600 | 1869 | 3286 | 0.08 | 9.9 | 1596 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 9 | 15 | 60 | 0.0025 | 67 | 11.15 | 22.21 | 0.0011 | 0.0011 | 14.56 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 15 | 67 | 0.0007 | 110 | 16.74 | 35.02 | 0.0006 | 0.0006 | 24.72 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | antimony | mg/kg | 8 | 15 | 53 | 0.476 | 0.885 | 0.696 | 0.16 | 0.306 | 0.306 | 0.694 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | arsenic | mg/kg | 15 | 15 | 100 | 2.35 | 11 | 6.489 | 2.786 | -- | -- | 7.755 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | benzene | µg/kg | 5 | 15 | 33 | 0.16 | 3300 | 1326 | 1263 | 0.11 | 12 | 1449 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | cobalt | mg/kg | 15 | 15 | 100 | 4.9 | 14 | 7.633 | 2.929 | -- | -- | 9.044 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | copper | mg/kg | 15 | 15 | 100 | 4.17 | 21.3 | 11.64 | 6.007 | -- | -- | 15.03 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 15 | 53 | 0.64 | 13000 | 4396 | 5278 | 0.12 | 0.14 | 4424 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | lead | mg/kg | 15 | 15 | 100 | 1.79 | 7.69 | 3.861 | 1.848 | -- | -- | 4.805 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | naphthalene | mg/kg | 12 | 15 | 80 | 0.00039 | 49 | 7.487 | 14.52 | 0.00028 | 0.0003 | 21.03 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | pyrene | mg/kg | 9 | 15 | 60 | 0.0008 | 5.3 | 0.832 | 1.787 | 0.0008 | 0.082 | 2.131 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 15 | 53 | 5.5 | 25000 | 5902 | 9603 | 4.8 | 4.8 | 7226 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 15 | 53 | 0.13 | 2200 | 761.3 | 750.6 | 0.05 | 0.063 | 776.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 15 | 53 | 12 | 28000 | 6233 | 10494 | 7 | 7 | 7486 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | vanadium | mg/kg | 15 | 15 | 100 | 15.7 | 44.1 | 27.55 | 9.819 | -- | -- | 32.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 15 | 47 | 0.19 | 17000 | 2664 | 6334 | 0.16 | 20 | 3317 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | gt05lte10ft | zinc | mg/kg | 15 | 15 | 100 | 19.8 | 52.4 | 31.67 | 10.16 | -- | -- | 36.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 28 | 18 | 0.15 | 0.56 | 0.258 | 0.17 | 0.092 | 0.12 | 0.225 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24606 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 28 | 25 | 0.0016 | 0.015 | 0.00584 | 0.00458 | 0.0011 | 0.021 | 0.00472 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 19 | 28 | 68 | 0.0008 | 0.033 | 0.00798 | 0.00845 | 0.0006 | 0.012 | 0.00854 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | antimony | mg/kg | 5 | 28 | 18 | 0.357 | 1.47 | 0.839 | 0.41 | 0.306 | 0.306 | 0.835 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte02ft | arsenic | mg/kg | 28 | 28 | 100 | 1.92 | 8.89 | 5.621 | 1.743 | -- | -- | 6.182 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte02ft | bap teq | mg/kg | 24 | 28 | 86 | 0.000548 | 0.0375 | 0.0078 | 0.00812 | 0.00053 | 0.00053 | 0.00959 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | benzene | µg/kg | 17 | 28 | 61 | 0.13 | 0.68 | 0.266 | 0.171 | 0.11 | 0.14 | 0.269 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 18 | 28 | 64 | 0.0007 | 0.015 | 0.00663 | 0.00464 | 0.0007 | 0.013 | 0.00653 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 28 | 50 | 0.0007 | 0.032 | 0.00804 | 0.00835 | 0.0005 | 0.0099 | 0.00679 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 28 | 25 | 0.0009 | 0.012 | 0.00507 | 0.00422 | 0.0004 | 0.007 | 0.00369 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte02ft | cadmium | mg/kg | 7 | 28 | 25 | 0.113 | 0.328 | 0.169 | 0.0745 | 0.0883 | 0.0883 | 0.142 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | chrysene | mg/kg | 21 | 28 | 75 | 0.0012 | 0.078 | 0.0205 | 0.021 | 0.0012 | 0.024 | 0.0327 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | cobalt | mg/kg | 28 | 28 | 100 | 6.01 | 14.7 | 11.06 | 1.982 | -- | -- | 11.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte02ft | copper | mg/kg | 28 | 28 | 100 | 11.1 | 30.2 | 20.99 | 4.566 | -- | -- | 22.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte02ft | lead | mg/kg | 28 | 28 | 100 | 4.63 | 22 | 9.191 | 3.688 | -- | -- | 10.35 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | naphthalene | mg/kg | 15 | 28 | 54 | 0.00065 | 0.019 | 0.00452 | 0.00469 | 0.00026 | 0.00046 | 0.004 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | pyrene | mg/kg | 23 | 28 | 82 | 0.0013 | 0.051 | 0.013 | 0.0121 | 0.0008 | 0.0041 | 0.0149 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | toluene | µg/kg | 17 | 28 | 61 | 0.15 | 1.2 | 0.359 | 0.263 | 0.12 | 0.16 | 0.356 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | tph as diesel | mg/kg | 22 | 28 | 79 | 5.9 | 980 | 115.5 | 219.6 | 4.8 | 4.8 | 256.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24606 marbella ave | lte02ft | tph as gasoline | mg/kg | 6 | 28 | 21 | 0.086 | 0.26 | 0.132 | 0.067 | 0.047 | 0.063 | 0.108 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | tph as motor oil | mg/kg | 25 | 28 | 89 | 10 | 1900 | 235.6 | 404.4 | 7 | 7 | 531.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte02ft | vanadium | mg/kg | 28 | 28 | 100 | 17.4 | 53 | 39.66 | 7.912 | -- | -- | 42.21 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte02ft | xylenes, total | µg/kg | 5 | 28 | 18 | 0.18 | 0.82 | 0.422 | 0.257 | 0.16 | 0.21 | 0.468 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte02ft | zinc | mg/kg | 28 | 28 | 100 | 26.8 | 71.9 | 50.17 | 10.32 | -- | -- | 53.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 48 | 25 | 0.13 | 8100 | 705.6 | 2330 | 0.091 | 13 | 936.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 19 | 48 | 40 | 0.0012 | 65 | 9.398 | 16.7 | 0.0011 | 0.11 | 10.97 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 32 | 48 | 67 | 0.0008 | 100 | 7.796 | 20.71 | 0.0006 | 0.12 | 16.09 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | antimony | mg/kg | 13 | 48 | 27 | 0.357 | 1.47 | 0.725 | 0.299 | 0.306 | 0.306 | 0.576 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte05ft | arsenic | mg/kg | 48 | 48 | 100 | 1.92 | 8.89 | 5.14 | 1.704 | -- | -- | 5.553 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte05ft | bap teq | mg/kg | 37 | 48 | 77 | 0.000548 | 2.382 | 0.112 | 0.406 | 0.00053 | 0.208 | 0.313 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | benzene | µg/kg | 27 | 48 | 56 | 0.13 | 3000 | 373.2 | 884.9 | 0.11 | 11 | 644.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 26 | 48 | 54 | 0.0007 | 2.8 | 0.176 | 0.564 | 0.0007 | 0.26 | 0.363 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 23 | 48 | 48 | 0.0006 | 1.8 | 0.132 | 0.385 | 0.0005 | 0.2 | 0.237 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 8 | 48 | 17 | 0.0009 | 0.88 | 0.114 | 0.309 | 0.0004 | 0.14 | 0.104 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | cadmium | mg/kg | 7 | 48 | 15 | 0.113 | 0.328 | 0.169 | 0.0745 | 0.0883 | 0.0883 | 0.13 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte05ft | chrysene | mg/kg | 32 | 48 | 67 | 0.0012 | 4.3 | 0.289 | 0.841 | 0.0012 | 0.47 | 0.635 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24606 marbella ave | lte05ft | cobalt | mg/kg | 48 | 48 | 100 | 3.04 | 14.7 | 9.836 | 2.703 | -- | -- | 10.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte05ft | copper | mg/kg | 48 | 48 | 100 | 3.67 | 30.2 | 18.37 | 6.221 | -- | -- | 19.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte05ft | ethylbenzene | µg/kg | 9 | 48 | 19 | 0.19 | 14000 | 3503 | 4469 | 0.12 | 13 | 1243 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte05ft | lead | mg/kg | 48 | 48 | 100 | 1.58 | 22 | 7.168 | 3.827 | -- | -- | 8.139 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte05ft | naphthalene | mg/kg | 31 | 48 | 65 | 0.00065 | 61 | 3.986 | 11.72 | 0.00026 | 0.026 | 8.625 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | pyrene | mg/kg | 35 | 48 | 73 | 0.0013 | 6.6 | 0.577 | 1.582 | 0.0008 | 0.33 | 1.287 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | toluene | µg/kg | 19 | 48 | 40 | 0.15 | 1000 | 52.96 | 229.3 | 0.12 | 17 | 113.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | tph as diesel | mg/kg | 35 | 48 | 73 | 5.9 | 17000 | 3371 | 5915 | 4.8 | 4.8 | 5777 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | tph as gasoline | mg/kg | 20 | 48 | 42 | 0.059 | 2700 | 381.2 | 681.4 | 0.047 | 0.063 | 461 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | tph as motor oil | mg/kg | 40 | 48 | 83 | 10 | 18000 | 3193 | 5927 | 7 | 7 | 6149 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | vanadium | mg/kg | 48 | 48 | 100 | 14.9 | 53 | 36.54 | 8.918 | -- | -- | 38.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte05ft | xylenes, total | µg/kg | 10 | 48 | 21 | 0.18 | 12000 | 1305 | 3769 | 0.16 | 23 | 1410 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte05ft | zinc | mg/kg | 48 | 48 | 100 | 13 | 71.9 | 43.57 | 13.09 | -- | -- | 46.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 63 | 30 | 0.13 | 24000 | 2032 | 5759 | 0.091 | 13 | 2428 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 63 | 13 | 1.1 | 7600 | 1505 | 2654 | 0.077 | 11 | 420.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 28 | 63 | 44 | 0.0012 | 67 | 9.96 | 18.24 | 0.0011 | 0.11 | 11.66 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 42 | 63 | 67 | 0.0007 | 110 | 9.926 | 24.66 | 0.0006 | 0.12 | 17.98 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | antimony | mg/kg | 21 | 63 | 33 | 0.357 | 1.47 | 0.714 | 0.25 | 0.306 | 0.306 | 0.523 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte10ft | arsenic | mg/kg | 63 | 63 | 100 | 1.92 | 11 | 5.461 | 2.071 | -- | -- | 5.897 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24606 marbella ave | lte10ft | bap teq | mg/kg | 41 | 63 | 65 | 0.000548 | 2.382 | 0.122 | 0.398 | 0.00053 | 0.208 | 0.26 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | benzene | µg/kg | 32 | 63 | 51 | 0.13 | 3300 | 522 | 993.2 | 0.11 | 12 | 680.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 29 | 63 | 46 | 0.0007 | 2.8 | 0.238 | 0.643 | 0.0007 | 0.26 | 0.359 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 63 | 37 | 0.0006 | 1.8 | 0.132 | 0.385 | 0.0005 | 0.49 | 0.182 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 63 | 13 | 0.0009 | 0.88 | 0.114 | 0.309 | 0.0004 | 0.35 | 0.0799 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | cadmium | mg/kg | 7 | 63 | 11 | 0.113 | 0.328 | 0.169 | 0.0745 | 0.0883 | 0.0883 | 0.126 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte10ft | chrysene | mg/kg | 36 | 63 | 57 | 0.0012 | 4.6 | 0.408 | 1.075 | 0.0012 | 0.47 | 0.695 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | cobalt | mg/kg | 63 | 63 | 100 | 3.04 | 14.7 | 9.311 | 2.893 | -- | -- | 9.92 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | copper | mg/kg | 63 | 63 | 100 | 3.67 | 30.2 | 16.77 | 6.771 | -- | -- | 20.49 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | ethylbenzene | µg/kg | 17 | 63 | 27 | 0.19 | 14000 | 3923 | 4732 | 0.12 | 13 | 1699 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24606 marbella ave | lte10ft | lead | mg/kg | 63 | 63 | 100 | 1.58 | 22 | 6.38 | 3.726 | -- | -- | 7.185 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24606 marbella ave | lte10ft | naphthalene | mg/kg | 43 | 63 | 68 | 0.00039 | 61 | 4.963 | 12.49 | 0.00026 | 0.026 | 9.196 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | pyrene | mg/kg | 44 | 63 | 70 | 0.0008 | 6.6 | 0.629 | 1.607 | 0.0008 | 0.33 | 1.195 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | toluene | µg/kg | 22 | 63 | 35 | 0.15 | 1000 | 61.01 | 219.8 | 0.12 | 17 | 94.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | tph as diesel | mg/kg | 43 | 63 | 68 | 5.5 | 25000 | 3842 | 6685 | 4.8 | 4.8 | 5815 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | tph as gasoline | mg/kg | 28 | 63 | 44 | 0.059 | 2700 | 489.8 | 709.5 | 0.047 | 0.063 | 511 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | tph as motor oil | mg/kg | 48 | 63 | 76 | 10 | 28000 | 3700 | 6845 | 7 | 7 | 6216 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | vanadium | mg/kg | 63 | 63 | 100 | 14.9 | 53 | 34.4 | 9.846 | -- | -- | 36.47 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24606 marbella ave | lte10ft | xylenes, total | µg/kg | 17 | 63 | 27 | 0.18 | 17000 | 1865 | 4849 | 0.16 | 23 | 1063 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24606 marbella ave | lte10ft | zinc | mg/kg | 63 | 63 | 100 | 13 | 71.9 | 40.74 | 13.39 | -- | -- | 43.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 16 | 31 | 0.0014 | 0.016 | 0.00746 | 0.00736 | 0.0011 | 0.021 | 0.00584 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 6 | 16 | 38 | 0.0015 | 0.035 | 0.0145 | 0.0152 | 0.0006 | 0.012 | 0.0129 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte02ft | antimony | mg/kg | 5 | 16 | 31 | 0.38 | 1.16 | 0.693 | 0.314 | 0.306 | 0.306 | 0.734 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 0.584 | 6.5 | 4.562 | 1.499 | -- | -- | 6.196 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte02ft | bap teq | mg/kg | 14 | 16 | 88 | 0.00059 | 0.207 | 0.0218 | 0.0541 | 0.00053 | 0.00053 | 0.0749 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24607 marbella ave | lte02ft | benzene | µg/kg | 10 | 16 | 63 | 0.12 | 1.1 | 0.465 | 0.327 | 0.11 | 0.14 | 0.481 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 16 | 63 | 0.0007 | 0.12 | 0.0176 | 0.0364 | 0.0007 | 0.0007 | 0.0263 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 16 | 75 | 0.0006 | 0.18 | 0.0208 | 0.0506 | 0.0005 | 0.0005 | 0.0645 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24607 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 16 | 81 | 0.0005 | 0.064 | 0.00965 | 0.0174 | 0.0004 | 0.0004 | 0.0255 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24607 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 16 | 44 | 0.0015 | 0.015 | 0.00613 | 0.00512 | 0.0011 | 0.023 | 0.00604 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte02ft | cadmium | mg/kg | 12 | 16 | 75 | 0.1 | 0.654 | 0.242 | 0.155 | 0.0883 | 0.0883 | 0.273 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte02ft | chrysene | mg/kg | 12 | 16 | 75 | 0.0013 | 0.44 | 0.0485 | 0.124 | 0.0012 | 0.0012 | 0.156 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24607 marbella ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 1.31 | 12.5 | 9.015 | 3.494 | -- | -- | 12.5 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 2.35 | 37.1 | 20.24 | 9.261 | -- | -- | 24.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 16 | 44 | 0.001 | 0.012 | 0.0052 | 0.00382 | 0.0009 | 0.017 | 0.00496 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 1.3 | 29.4 | 9.791 | 6.862 | -- | -- | 17.27 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte02ft | naphthalene | mg/kg | 8 | 16 | 50 | 0.001 | 0.023 | 0.00665 | 0.00821 | 0.00026 | 0.00033 | 0.00669 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte02ft | pyrene | mg/kg | 15 | 16 | 94 | 0.0012 | 1.2 | 0.0877 | 0.308 | 0.0008 | 0.0008 | 0.408 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte02ft | toluene | µg/kg | 9 | 16 | 56 | 0.19 | 0.68 | 0.369 | 0.148 | 0.12 | 0.15 | 0.367 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte02ft | tph as diesel | mg/kg | 9 | 16 | 56 | 7.7 | 800 | 135.7 | 252.6 | 4.8 | 4.8 | 189.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24607 marbella ave | lte02ft | tph as motor oil | mg/kg | 9 | 16 | 56 | 21 | 1500 | 303 | 467.1 | 7 | 7 | 374.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 4.16 | 43.4 | 32.25 | 11.56 | -- | -- | 43.4 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 6.89 | 148 | 55.19 | 33.52 | -- | -- | 73.42 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 24 | 25 | 0.0014 | 0.016 | 0.00648 | 0.00701 | 0.0011 | 0.021 | 0.0058 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24607 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 8 | 24 | 33 | 0.0008 | 0.035 | 0.0114 | 0.0141 | 0.0006 | 0.012 | 0.00776 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte05ft | antimony | mg/kg | 9 | 24 | 38 | 0.314 | 1.16 | 0.701 | 0.341 | 0.306 | 0.306 | 0.588 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 0.584 | 9.7 | 4.765 | 1.815 | -- | -- | 5.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte05ft | bap teq | mg/kg | 20 | 24 | 83 | 0.00057 | 0.207 | 0.016 | 0.0456 | 0.00053 | 0.00053 | 0.0509 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24607 marbella ave | lte05ft | benzene | µg/kg | 12 | 24 | 50 | 0.12 | 1.1 | 0.432 | 0.309 | 0.1 | 0.15 | 0.381 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 24 | 63 | 0.0007 | 0.12 | 0.0123 | 0.0302 | 0.0007 | 0.0007 | 0.0177 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24607 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 24 | 71 | 0.0006 | 0.18 | 0.0152 | 0.0429 | 0.0005 | 0.0005 | 0.0436 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 24 | 79 | 0.0005 | 0.064 | 0.0072 | 0.0147 | 0.0004 | 0.0004 | 0.0177 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 24 | 42 | 0.0015 | 0.015 | 0.00497 | 0.00459 | 0.0011 | 0.023 | 0.00427 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte05ft | cadmium | mg/kg | 16 | 24 | 67 | 0.1 | 0.654 | 0.245 | 0.137 | 0.0883 | 0.0883 | 0.245 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte05ft | chrysene | mg/kg | 16 | 24 | 67 | 0.0013 | 0.44 | 0.0371 | 0.108 | 0.0012 | 0.0012 | 0.105 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 1.31 | 13.1 | 9.527 | 3.155 | -- | -- | 12.33 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 2.35 | 37.1 | 20.01 | 8.049 | -- | -- | 22.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 24 | 21 | 0.0015 | 0.0047 | 0.00314 | 0.00148 | 0.0007 | 0.013 | 0.00335 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 24 | 42 | 0.001 | 0.012 | 0.00431 | 0.00346 | 0.0009 | 0.017 | 0.00366 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 1.3 | 29.4 | 9.177 | 5.811 | -- | -- | 14.35 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte05ft | naphthalene | mg/kg | 10 | 24 | 42 | 0.001 | 0.023 | 0.00574 | 0.0075 | 0.00025 | 0.00033 | 0.00523 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24607 marbella ave | lte05ft | pyrene | mg/kg | 22 | 24 | 92 | 0.0008 | 1.2 | 0.0607 | 0.255 | 0.0008 | 0.0008 | 0.273 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte05ft | toluene | µg/kg | 10 | 24 | 42 | 0.19 | 0.68 | 0.359 | 0.143 | 0.12 | 0.15 | 0.33 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte05ft | tph as diesel | mg/kg | 10 | 24 | 42 | 7.7 | 800 | 124.5 | 240.8 | 4.8 | 4.8 | 114.7 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24607 marbella ave | lte05ft | tph as motor oil | mg/kg | 11 | 24 | 46 | 16 | 1500 | 255.7 | 431 | 7 | 7 | 237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 4.16 | 43.5 | 33.22 | 10.63 | -- | -- | 42.67 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 6.89 | 148 | 50.76 | 28.54 | -- | -- | 61.69 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 31 | 23 | 0.0014 | 0.016 | 0.00639 | 0.0064 | 0.0011 | 0.021 | 0.00376 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 11 | 31 | 35 | 0.0008 | 0.035 | 0.00949 | 0.0125 | 0.0006 | 0.012 | 0.00655 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte10ft | antimony | mg/kg | 9 | 31 | 29 | 0.314 | 1.16 | 0.701 | 0.341 | 0.306 | 0.306 | 0.543 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte10ft | arsenic | mg/kg | 31 | 31 | 100 | 0.584 | 21.1 | 5.345 | 3.418 | -- | -- | 8.021 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte10ft | bap teq | mg/kg | 23 | 31 | 74 | 0.00057 | 0.207 | 0.0142 | 0.0427 | 0.00053 | 0.00053 | 0.0399 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte10ft | benzene | µg/kg | 13 | 31 | 42 | 0.12 | 1.1 | 0.41 | 0.306 | 0.1 | 0.15 | 0.317 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 16 | 31 | 52 | 0.0007 | 0.12 | 0.0117 | 0.0293 | 0.0007 | 0.0007 | 0.014 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24607 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 19 | 31 | 61 | 0.0006 | 0.18 | 0.0138 | 0.0407 | 0.0005 | 0.0005 | 0.0341 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 21 | 31 | 68 | 0.0005 | 0.064 | 0.00673 | 0.014 | 0.0004 | 0.0004 | 0.0141 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 31 | 35 | 0.0015 | 0.015 | 0.00476 | 0.00441 | 0.0011 | 0.023 | 0.00367 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24607 marbella ave | lte10ft | cadmium | mg/kg | 17 | 31 | 55 | 0.1 | 0.654 | 0.237 | 0.137 | 0.0883 | 0.0883 | 0.213 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte10ft | chrysene | mg/kg | 18 | 31 | 58 | 0.0013 | 0.44 | 0.0334 | 0.102 | 0.0012 | 0.0012 | 0.0822 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte10ft | cobalt | mg/kg | 31 | 31 | 100 | 1.31 | 15.8 | 9.483 | 3.21 | -- | -- | 10.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte10ft | copper | mg/kg | 31 | 31 | 100 | 2.35 | 37.1 | 19.73 | 7.675 | -- | -- | 22.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 31 | 16 | 0.0015 | 0.0047 | 0.00314 | 0.00148 | 0.0007 | 0.013 | 0.00323 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 31 | 35 | 0.001 | 0.012 | 0.00411 | 0.00335 | 0.0009 | 0.017 | 0.00293 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte10ft | lead | mg/kg | 31 | 31 | 100 | 1.3 | 29.4 | 8.573 | 5.267 | -- | -- | 12.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte10ft | naphthalene | mg/kg | 15 | 31 | 48 | 0.00067 | 0.023 | 0.00478 | 0.00641 | 0.00025 | 0.00033 | 0.0046 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24607 marbella ave | lte10ft | pyrene | mg/kg | 28 | 31 | 90 | 0.0008 | 1.2 | 0.0482 | 0.226 | 0.0008 | 0.0008 | 0.212 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte10ft | toluene | µg/kg | 11 | 31 | 35 | 0.19 | 0.68 | 0.355 | 0.136 | 0.12 | 0.15 | 0.315 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24607 marbella ave | lte10ft | tph as diesel | mg/kg | 10 | 31 | 32 | 7.7 | 800 | 124.5 | 240.8 | 4.8 | 4.8 | 90.6 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24607 marbella ave | lte10ft | tph as motor oil | mg/kg | 12 | 31 | 39 | 8.9 | 1500 | 235.2 | 417.1 | 7 | 7 | 183 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24607 marbella ave | lte10ft | vanadium | mg/kg | 31 | 31 | 100 | 4.16 | 56.1 | 34.7 | 10.5 | -- | -- | 37.9 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24607 marbella ave | lte10ft | zinc | mg/kg | 31 | 31 | 100 | 6.89 | 148 | 48.25 | 25.72 | -- | -- | 68.39 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 3.52 | 5.9 | 4.651 | 0.918 | -- | -- | 5.266 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 2.88 | 6.84 | 4.619 | 1.394 | -- | -- | 5.553 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 3.67 | 8.88 | 6.108 | 1.945 | -- | -- | 7.411 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 1.94 | 5.07 | 3.359 | 1.048 | -- | -- | 4.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 13.6 | 31.7 | 20.51 | 6.151 | -- | -- | 24.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 14.3 | 31.8 | 22.93 | 6.152 | -- | -- | 27.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 21 | 29 | 0.0035 | 7.3 | 1.987 | 2.78 | 0.0011 | 0.021 | 1.241 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 21 | 48 | 0.003 | 11 | 1.585 | 3.426 | 0.0006 | 0.012 | 1.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24608 neptune ave | lte02ft | antimony | mg/kg | 11 | 21 | 52 | 0.379 | 1.03 | 0.62 | 0.242 | 0.306 | 0.306 | 0.586 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte02ft | arsenic | mg/kg | 21 | 21 | 100 | 1.94 | 6.98 | 4.09 | 1.352 | -- | -- | 4.598 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte02ft | bap teq | mg/kg | 14 | 21 | 67 | 0.00372 | 0.0507 | 0.0253 | 0.015 | 0.00053 | 0.208 | 0.0253 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte02ft | benzene | µg/kg | 10 | 21 | 48 | 0.14 | 0.89 | 0.458 | 0.282 | 0.11 | 12 | 0.44 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 21 | 48 | 0.0024 | 0.093 | 0.0206 | 0.0263 | 0.0007 | 0.26 | 0.0202 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 21 | 48 | 0.0023 | 0.032 | 0.0163 | 0.00925 | 0.0005 | 0.2 | 0.0162 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 21 | 48 | 0.0041 | 0.057 | 0.021 | 0.0145 | 0.0004 | 0.14 | 0.0185 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 21 | 33 | 0.0041 | 0.041 | 0.0159 | 0.0122 | 0.0011 | 0.45 | 0.0157 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte02ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 21 | 24 | 0.17 | 3.2 | 0.808 | 1.338 | 0.16 | 3.3 | 3.2 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte02ft | chrysene | mg/kg | 14 | 21 | 67 | 0.0067 | 0.34 | 0.0803 | 0.1 | 0.0012 | 0.47 | 0.147 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 neptune ave | lte02ft | cobalt | mg/kg | 21 | 21 | 100 | 2.99 | 9.76 | 6.73 | 1.657 | -- | -- | 7.354 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte02ft | copper | mg/kg | 21 | 21 | 100 | 4.61 | 46.5 | 15.69 | 11 | -- | -- | 20.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 21 | 29 | 0.0017 | 0.015 | 0.00902 | 0.00532 | 0.0009 | 0.35 | 0.00993 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte02ft | lead | mg/kg | 21 | 21 | 100 | 3.17 | 76.2 | 19.59 | 20.19 | -- | -- | 38.8 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte02ft | naphthalene | mg/kg | 9 | 21 | 43 | 0.00056 | 3 | 0.339 | 0.998 | 0.00027 | 0.028 | 0.79 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte02ft | pyrene | mg/kg | 13 | 21 | 62 | 0.0036 | 0.26 | 0.0616 | 0.0757 | 0.0008 | 0.33 | 0.0727 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte02ft | toluene | µg/kg | 10 | 21 | 48 | 0.14 | 0.71 | 0.431 | 0.221 | 0.13 | 13 | 0.41 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte02ft | tph as diesel | mg/kg | 16 | 21 | 76 | 31 | 13000 | 2225 | 4108 | 4.8 | 4.8 | 5235 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte02ft | tph as gasoline | mg/kg | 9 | 21 | 43 | 0.059 | 430 | 48.16 | 143.2 | 0.049 | 0.086 | 113 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 21 | 76 | 130 | 13000 | 2370 | 3923 | 7 | 7 | 5226 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte02ft | vanadium | mg/kg | 21 | 21 | 100 | 11.2 | 30.4 | 22.45 | 4.64 | -- | -- | 24.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte02ft | zinc | mg/kg | 21 | 21 | 100 | 23 | 160 | 59.38 | 41.83 | -- | -- | 99.17 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 29 | 21 | 250 | 3500 | 1077 | 1254 | 0.097 | 10 | 635.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 29 | 34 | 0.0035 | 12 | 4.342 | 4.574 | 0.0011 | 0.021 | 2.591 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 29 | 48 | 0.003 | 18 | 4.797 | 7.062 | 0.0006 | 0.012 | 4.055 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte05ft | antimony | mg/kg | 16 | 29 | 55 | 0.379 | 1.03 | 0.613 | 0.223 | 0.306 | 0.306 | 0.572 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte05ft | arsenic | mg/kg | 29 | 29 | 100 | 1.94 | 6.98 | 4.31 | 1.37 | -- | -- | 4.743 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte05ft | bap teq | mg/kg | 16 | 29 | 55 | 0.000618 | 0.0507 | 0.0229 | 0.0156 | 0.00053 | 0.208 | 0.0214 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte05ft | benzene | µg/kg | 11 | 29 | 38 | 0.14 | 0.89 | 0.43 | 0.284 | 0.11 | 12 | 0.382 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 10 | 29 | 34 | 0.0024 | 0.093 | 0.0206 | 0.0263 | 0.0007 | 0.26 | 0.0166 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 10 | 29 | 34 | 0.0023 | 0.032 | 0.0163 | 0.00925 | 0.0005 | 0.2 | 0.015 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 12 | 29 | 41 | 0.001 | 0.057 | 0.0188 | 0.0144 | 0.0004 | 0.14 | 0.0148 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 29 | 24 | 0.0041 | 0.041 | 0.0159 | 0.0122 | 0.0011 | 0.45 | 0.0144 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 29 | 17 | 0.17 | 3.2 | 0.808 | 1.338 | 0.16 | 3.3 | 0.648 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte05ft | chrysene | mg/kg | 16 | 29 | 55 | 0.0014 | 0.34 | 0.0739 | 0.0956 | 0.0012 | 0.47 | 0.0785 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte05ft | cobalt | mg/kg | 29 | 29 | 100 | 2.99 | 9.76 | 7.054 | 1.578 | -- | -- | 7.553 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte05ft | copper | mg/kg | 29 | 29 | 100 | 4.61 | 46.5 | 13.96 | 9.751 | -- | -- | 17.02 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24608 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 29 | 21 | 0.0017 | 0.015 | 0.00902 | 0.00532 | 0.0009 | 0.35 | 0.00962 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte05ft | lead | mg/kg | 29 | 29 | 100 | 3.17 | 76.2 | 15.63 | 18.28 | -- | -- | 30.42 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte05ft | naphthalene | mg/kg | 13 | 29 | 45 | 0.00056 | 8 | 1.727 | 2.917 | 0.00027 | 0.028 | 2.513 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte05ft | pyrene | mg/kg | 16 | 29 | 55 | 0.0015 | 0.26 | 0.0567 | 0.0696 | 0.0008 | 0.33 | 0.0592 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte05ft | toluene | µg/kg | 10 | 29 | 34 | 0.14 | 0.71 | 0.431 | 0.221 | 0.12 | 14 | 0.381 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte05ft | tph as diesel | mg/kg | 21 | 29 | 72 | 11 | 13000 | 2458 | 3718 | 4.8 | 4.8 | 4500 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte05ft | tph as gasoline | mg/kg | 13 | 29 | 45 | 0.059 | 690 | 162.2 | 259.2 | 0.049 | 0.086 | 228.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte05ft | tph as motor oil | mg/kg | 21 | 29 | 72 | 31 | 13000 | 2441 | 3497 | 7 | 7 | 4345 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 neptune ave | lte05ft | vanadium | mg/kg | 29 | 29 | 100 | 11.2 | 35.6 | 24.66 | 5.921 | -- | -- | 26.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte05ft | xylenes, total | µg/kg | 6 | 29 | 21 | 0.3 | 310 | 81.88 | 132.9 | 0.17 | 17 | 74.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte05ft | zinc | mg/kg | 29 | 29 | 100 | 21.2 | 160 | 51.2 | 37.91 | -- | -- | 81.89 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 37 | 24 | 79 | 3500 | 773.2 | 1092 | 0.095 | 10 | 421.2 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 37 | 16 | 39 | 310 | 135.5 | 102.8 | 0.081 | 8.9 | 111.4 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 13 | 37 | 35 | 0.0035 | 34 | 8.494 | 9.916 | 0.0011 | 0.021 | 4.995 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 17 | 37 | 46 | 0.003 | 59 | 10.6 | 15.91 | 0.0006 | 0.012 | 8.224 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte10ft | antimony | mg/kg | 19 | 37 | 51 | 0.379 | 1.03 | 0.621 | 0.209 | 0.306 | 0.306 | 0.56 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 1.94 | 6.98 | 4.384 | 1.282 | -- | -- | 4.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | bap teq | mg/kg | 16 | 37 | 43 | 0.000618 | 0.0507 | 0.0229 | 0.0156 | 0.00053 | 0.513 | 0.0187 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | benzene | µg/kg | 11 | 37 | 30 | 0.14 | 0.89 | 0.43 | 0.284 | 0.11 | 12 | 0.344 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 10 | 37 | 27 | 0.0024 | 0.093 | 0.0206 | 0.0263 | 0.0007 | 0.65 | 0.0142 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 10 | 37 | 27 | 0.0023 | 0.032 | 0.0163 | 0.00925 | 0.0005 | 0.49 | 0.0142 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 37 | 32 | 0.001 | 0.057 | 0.0188 | 0.0144 | 0.0004 | 0.35 | 0.0125 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24608 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 37 | 19 | 0.0041 | 0.041 | 0.0159 | 0.0122 | 0.0011 | 1.1 | 0.0143 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 37 | 14 | 0.17 | 3.2 | 0.808 | 1.338 | 0.16 | 8.2 | 3.2 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte10ft | chrysene | mg/kg | 16 | 37 | 43 | 0.0014 | 0.34 | 0.0739 | 0.0956 | 0.0012 | 1.2 | 0.0621 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 2.88 | 9.76 | 6.528 | 1.83 | -- | -- | 7.036 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 3.67 | 46.5 | 12.26 | 9.243 | -- | -- | 14.67 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24608 neptune ave | lte10ft | ethylbenzene | µg/kg | 6 | 37 | 16 | 33 | 2100 | 466.3 | 811.3 | 0.13 | 14 | 206.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 37 | 16 | 0.0017 | 0.015 | 0.00902 | 0.00532 | 0.0009 | 0.87 | 0.00934 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 1.94 | 76.2 | 12.97 | 16.92 | -- | -- | 25.1 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte10ft | naphthalene | mg/kg | 16 | 37 | 43 | 0.00056 | 25 | 4.384 | 7.036 | 0.00027 | 0.028 | 5.581 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte10ft | pyrene | mg/kg | 17 | 37 | 46 | 0.0008 | 0.26 | 0.0534 | 0.0687 | 0.0008 | 0.82 | 0.0479 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 neptune ave | lte10ft | toluene | µg/kg | 11 | 37 | 30 | 0.14 | 0.71 | 0.407 | 0.224 | 0.12 | 14 | 0.332 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | tph as diesel | mg/kg | 24 | 37 | 65 | 11 | 13000 | 3092 | 3992 | 4.8 | 4.8 | 4553 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte10ft | tph as gasoline | mg/kg | 16 | 37 | 43 | 0.059 | 1100 | 291.2 | 370.5 | 0.049 | 0.086 | 330.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte10ft | tph as motor oil | mg/kg | 24 | 37 | 65 | 31 | 13000 | 2902 | 3572 | 7 | 7 | 4186 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 neptune ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 11.2 | 35.6 | 23.76 | 6.133 | -- | -- | 25.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 neptune ave | lte10ft | xylenes, total | µg/kg | 6 | 37 | 16 | 0.3 | 310 | 81.88 | 132.9 | 0.16 | 18 | 58.56 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 neptune ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 14.3 | 160 | 45.09 | 35.56 | -- | -- | 70.57 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 10 | 90 | 0.0017 | 0.057 | 0.0147 | 0.0181 | 0.0006 | 0.0006 | 0.0378 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte02ft | arsenic | mg/kg | 10 | 10 | 100 | 2.11 | 11.2 | 4.595 | 2.642 | -- | -- | 6.347 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte02ft | bap teq | mg/kg | 9 | 10 | 90 | 0.00232 | 0.12 | 0.0347 | 0.039 | 0.00053 | 0.00053 | 0.0844 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte02ft | benzene | µg/kg | 5 | 10 | 50 | 0.15 | 0.35 | 0.244 | 0.0862 | 0.11 | 0.11 | 0.257 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 10 | 90 | 0.0023 | 0.12 | 0.0348 | 0.0397 | 0.0007 | 0.0007 | 0.0854 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 10 | 90 | 0.0018 | 0.082 | 0.0239 | 0.0267 | 0.0005 | 0.0005 | 0.058 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 10 | 80 | 0.0021 | 0.057 | 0.018 | 0.0187 | 0.0004 | 0.0004 | 0.0397 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte02ft | cadmium | mg/kg | 6 | 10 | 60 | 0.14 | 0.21 | 0.167 | 0.025 | 0.0883 | 0.0883 | 0.172 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | chrysene | mg/kg | 9 | 10 | 90 | 0.005 | 0.44 | 0.117 | 0.143 | 0.0012 | 0.0012 | 0.299 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte02ft | cobalt | mg/kg | 10 | 10 | 100 | 4.93 | 8 | 5.978 | 0.86 | -- | -- | 6.476 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | copper | mg/kg | 10 | 10 | 100 | 5.74 | 17.9 | 9.852 | 3.329 | -- | -- | 11.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 10 | 80 | 0.0009 | 0.034 | 0.0106 | 0.0106 | 0.0007 | 0.0007 | 0.0229 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 10 | 70 | 0.001 | 0.031 | 0.0115 | 0.0117 | 0.0009 | 0.0009 | 0.0148 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | lead | mg/kg | 10 | 10 | 100 | 2.54 | 12.8 | 7.018 | 3.109 | -- | -- | 8.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | naphthalene | mg/kg | 8 | 10 | 80 | 0.0013 | 0.027 | 0.0117 | 0.0107 | 0.00026 | 0.00027 | 0.0157 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | pyrene | mg/kg | 9 | 10 | 90 | 0.0048 | 0.26 | 0.0563 | 0.0819 | 0.0008 | 0.0008 | 0.161 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte02ft | thallium | mg/kg | 6 | 10 | 60 | 2.09 | 2.33 | 2.21 | 0.102 | 0.232 | 0.232 | 2.228 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | toluene | µg/kg | 5 | 10 | 50 | 0.14 | 1.2 | 0.502 | 0.432 | 0.12 | 0.12 | 0.572 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | tph as diesel | mg/kg | 7 | 10 | 70 | 16 | 210 | 83.71 | 65.85 | 4.8 | 4.8 | 100.9 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | tph as motor oil | mg/kg | 7 | 10 | 70 | 45 | 560 | 241.1 | 167.9 | 7 | 7 | 295 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | vanadium | mg/kg | 10 | 10 | 100 | 15.4 | 34.2 | 22.72 | 5.209 | -- | -- | 25.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte02ft | zinc | mg/kg | 10 | 10 | 100 | 17.1 | 62.3 | 31.93 | 12.46 | -- | -- | 39.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 17 | 41 | 0.17 | 170 | 35.08 | 63.05 | 0.087 | 0.099 | 33.39 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 17 | 53 | 0.0021 | 1.6 | 0.613 | 0.624 | 0.0011 | 0.21 | 0.569 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 17 | 82 | 0.0017 | 1.5 | 0.388 | 0.56 | 0.0006 | 0.12 | 0.881 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 panama ave | lte05ft | antimony | mg/kg | 6 | 17 | 35 | 0.29 | 1.1 | 0.46 | 0.318 | 0.28 | 0.306 | 0.449 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 panama ave | lte05ft | arsenic | mg/kg | 17 | 17 | 100 | 2.11 | 11.2 | 4.464 | 2.098 | -- | -- | 5.367 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | bap teq | mg/kg | 16 | 17 | 94 | 0.00199 | 1.799 | 0.306 | 0.538 | 0.00053 | 0.00053 | 0.846 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | benzene | µg/kg | 9 | 17 | 53 | 0.14 | 1.8 | 0.429 | 0.526 | 0.11 | 20 | 0.491 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 17 | 88 | 0.0023 | 2.5 | 0.431 | 0.761 | 0.0007 | 0.0007 | 1.151 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 16 | 17 | 94 | 0.0017 | 1.2 | 0.209 | 0.359 | 0.0005 | 0.0005 | 0.568 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 17 | 82 | 0.0021 | 0.48 | 0.103 | 0.138 | 0.0004 | 0.0004 | 0.224 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | cadmium | mg/kg | 11 | 17 | 65 | 0.14 | 0.27 | 0.179 | 0.0375 | 0.0883 | 0.0883 | 0.182 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte05ft | chrysene | mg/kg | 16 | 17 | 94 | 0.0014 | 6.2 | 1.047 | 1.916 | 0.0012 | 0.0012 | 2.969 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | cobalt | mg/kg | 17 | 17 | 100 | 4.93 | 8.31 | 6.212 | 0.902 | -- | -- | 6.594 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte05ft | copper | mg/kg | 17 | 17 | 100 | 5.74 | 26 | 11.06 | 4.822 | -- | -- | 13.1 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 17 | 71 | 0.0009 | 0.25 | 0.0467 | 0.0725 | 0.0007 | 0.13 | 0.104 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 17 | 65 | 0.001 | 0.25 | 0.056 | 0.078 | 0.0009 | 0.17 | 0.0649 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | lead | mg/kg | 17 | 17 | 100 | 2.54 | 330 | 33.02 | 78.22 | -- | -- | 115.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 panama ave | lte05ft | naphthalene | mg/kg | 15 | 17 | 88 | 0.0013 | 0.35 | 0.102 | 0.126 | 0.00026 | 0.00027 | 0.221 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | pyrene | mg/kg | 16 | 17 | 94 | 0.0024 | 8.1 | 1.309 | 2.554 | 0.0008 | 0.0008 | 3.873 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte05ft | thallium | mg/kg | 11 | 17 | 65 | 1.19 | 2.52 | 2.106 | 0.381 | 0.232 | 0.232 | 2.226 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24608 panama ave | lte05ft | toluene | µg/kg | 8 | 17 | 47 | 0.14 | 62 | 8.209 | 21.74 | 0.12 | 0.66 | 20.35 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 panama ave | lte05ft | tph as diesel | mg/kg | 13 | 17 | 76 | 16 | 38000 | 3945 | 10305 | 4.8 | 4.8 | 12723 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 panama ave | lte05ft | tph as gasoline | mg/kg | 7 | 17 | 41 | 0.14 | 1 | 0.39 | 0.297 | 0.047 | 0.057 | 0.376 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte05ft | tph as motor oil | mg/kg | 13 | 17 | 76 | 45 | 69000 | 6999 | 18731 | 7 | 7 | 22981 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 panama ave | lte05ft | vanadium | mg/kg | 17 | 17 | 100 | 15.4 | 58.8 | 26.48 | 9.761 | -- | -- | 30.48 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 panama ave | lte05ft | zinc | mg/kg | 17 | 17 | 100 | 17.1 | 62.3 | 33.22 | 11.39 | -- | -- | 38.31 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 22 | 50 | 0.17 | 760 | 114.3 | 230 | 0.087 | 0.099 | 120.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 22 | 32 | 0.15 | 210 | 54.16 | 78.4 | 0.074 | 48 | 36.39 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 13 | 22 | 59 | 0.0021 | 1.6 | 0.548 | 0.618 | 0.0011 | 0.21 | 0.527 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 18 | 22 | 82 | 0.0017 | 1.9 | 0.445 | 0.625 | 0.0006 | 0.12 | 0.915 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 panama ave | lte10ft | antimony | mg/kg | 7 | 22 | 32 | 0.29 | 1.1 | 0.46 | 0.291 | 0.28 | 0.306 | 0.412 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 panama ave | lte10ft | arsenic | mg/kg | 22 | 22 | 100 | 2.11 | 11.2 | 4.583 | 1.888 | -- | -- | 5.287 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | bap teq | mg/kg | 20 | 22 | 91 | 0.00199 | 1.799 | 0.294 | 0.495 | 0.00053 | 0.00053 | 0.714 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | benzene | µg/kg | 12 | 22 | 55 | 0.14 | 12 | 1.394 | 3.372 | 0.11 | 20 | 3.36 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 19 | 22 | 86 | 0.0023 | 2.5 | 0.414 | 0.711 | 0.0007 | 0.0007 | 0.986 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 20 | 22 | 91 | 0.0017 | 1.2 | 0.202 | 0.329 | 0.0005 | 0.0005 | 0.48 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 18 | 22 | 82 | 0.0021 | 0.48 | 0.1 | 0.133 | 0.0004 | 0.0004 | 0.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | cadmium | mg/kg | 14 | 22 | 64 | 0.14 | 0.27 | 0.173 | 0.0354 | 0.0883 | 0.0883 | 0.175 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 panama ave | lte10ft | chrysene | mg/kg | 20 | 22 | 91 | 0.0014 | 6.2 | 1.01 | 1.78 | 0.0012 | 0.0012 | 2.52 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | cobalt | mg/kg | 22 | 22 | 100 | 3.11 | 8.31 | 6.138 | 1.112 | -- | -- | 6.546 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte10ft | copper | mg/kg | 22 | 22 | 100 | 3.73 | 26 | 10.3 | 4.58 | -- | -- | 11.99 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 16 | 22 | 73 | 0.0009 | 0.25 | 0.0459 | 0.0698 | 0.0007 | 0.13 | 0.0935 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | ethylbenzene | µg/kg | 7 | 22 | 32 | 0.28 | 140 | 39.64 | 53.03 | 0.12 | 16 | 26.52 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 22 | 64 | 0.001 | 0.25 | 0.055 | 0.0735 | 0.0009 | 0.17 | 0.0612 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | lead | mg/kg | 22 | 22 | 100 | 2.15 | 330 | 26.96 | 69.24 | -- | -- | 91.31 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 panama ave | lte10ft | naphthalene | mg/kg | 19 | 22 | 86 | 0.0013 | 1 | 0.167 | 0.263 | 0.00026 | 0.00027 | 0.378 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | pyrene | mg/kg | 20 | 22 | 91 | 0.0024 | 8.1 | 1.205 | 2.324 | 0.0008 | 0.0008 | 3.182 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | thallium | mg/kg | 14 | 22 | 64 | 1.19 | 2.52 | 2.115 | 0.357 | 0.232 | 0.232 | 2.123 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte10ft | toluene | µg/kg | 11 | 22 | 50 | 0.14 | 62 | 9.264 | 18.85 | 0.12 | 0.66 | 17.86 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 panama ave | lte10ft | tph as diesel | mg/kg | 17 | 22 | 77 | 16 | 38000 | 3116 | 9058 | 4.8 | 4.8 | 9915 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 panama ave | lte10ft | tph as gasoline | mg/kg | 11 | 22 | 50 | 0.084 | 2 | 0.568 | 0.596 | 0.047 | 0.057 | 0.506 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 panama ave | lte10ft | tph as motor oil | mg/kg | 17 | 22 | 77 | 45 | 69000 | 5519 | 16456 | 7 | 7 | 17897 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 panama ave | lte10ft | vanadium | mg/kg | 22 | 22 | 100 | 11.6 | 58.8 | 25.82 | 9.14 | -- | -- | 29.16 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 panama ave | lte10ft | xylenes, total | µg/kg | 6 | 22 | 27 | 1.1 | 240 | 76.1 | 94.73 | 0.15 | 32 | 50.76 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 panama ave | lte10ft | zinc | mg/kg | 22 | 22 | 100 | 13.7 | 62.3 | 31.95 | 10.92 | -- | -- | 36.24 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 10 | 50 | 0.2 | 260 | 56.62 | 113.8 | 0.098 | 0.12 | 78.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.0024 | 3.2 | 0.494 | 1.196 | 0.0011 | 0.0011 | 0.983 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 10 | 80 | 0.0006 | 2.9 | 0.398 | 1.013 | 0.0006 | 0.0006 | 1.59 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.8 | 6.9 | 4.122 | 1.333 | -- | -- | 4.967 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | bap teq | mg/kg | 6 | 10 | 60 | 0.000543 | 1.579 | 0.272 | 0.64 | 0.00053 | 0.00053 | 0.479 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 5 | 10 | 50 | 0.0027 | 1.8 | 0.373 | 0.798 | 0.0007 | 0.0007 | 0.536 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 10 | 50 | 0.002 | 1.1 | 0.228 | 0.488 | 0.0005 | 0.0005 | 0.328 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | chrysene | mg/kg | 6 | 10 | 60 | 0.0019 | 4.3 | 0.744 | 1.743 | 0.0012 | 0.0012 | 1.31 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 2.38 | 6.87 | 4.303 | 1.643 | -- | -- | 5.255 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 2.43 | 13.9 | 6.589 | 4.435 | -- | -- | 9.99 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 5 | 10 | 50 | 0.29 | 47 | 10.21 | 20.58 | 0.13 | 0.17 | 26.71 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 1.17 | 58.7 | 8.081 | 17.81 | -- | -- | 32.64 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 8 | 10 | 80 | 0.0022 | 1.2 | 0.193 | 0.419 | 0.00027 | 0.00028 | 0.683 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | pyrene | mg/kg | 6 | 10 | 60 | 0.001 | 8.3 | 1.427 | 3.368 | 0.0008 | 0.0008 | 2.516 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 9.67 | 29.2 | 17.52 | 6.701 | -- | -- | 21.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 5 | 10 | 50 | 0.39 | 99 | 21.1 | 43.56 | 0.17 | 0.22 | 56.1 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 11 | 48.2 | 22.64 | 12.68 | -- | -- | 31.41 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 18 | 78 | 0.0008 | 0.08 | 0.018 | 0.0274 | 0.003 | 0.12 | 0.0424 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte02ft | antimony | mg/kg | 7 | 18 | 39 | 0.403 | 1.64 | 0.75 | 0.416 | 0.306 | 0.306 | 0.668 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.58 | 14.7 | 3.788 | 2.927 | -- | -- | 4.841 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 ravenna ave | lte02ft | bap teq | mg/kg | 16 | 18 | 89 | 0.00103 | 0.745 | 0.0841 | 0.188 | 0.00053 | 0.00053 | 0.259 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | benzene | µg/kg | 9 | 18 | 50 | 0.14 | 0.9 | 0.397 | 0.244 | 0.1 | 0.14 | 0.369 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 18 | 78 | 0.0007 | 0.76 | 0.0973 | 0.204 | 0.0007 | 0.033 | 0.266 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 18 | 83 | 0.0007 | 0.57 | 0.0666 | 0.148 | 0.0005 | 0.025 | 0.197 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24608 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 18 | 72 | 0.0018 | 0.22 | 0.0362 | 0.0642 | 0.0004 | 0.018 | 0.0852 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | cadmium | mg/kg | 6 | 18 | 33 | 0.0904 | 1 | 0.29 | 0.354 | 0.0883 | 0.0883 | 0.251 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 ravenna ave | lte02ft | chrysene | mg/kg | 15 | 18 | 83 | 0.0021 | 2.4 | 0.271 | 0.619 | 0.0012 | 0.0059 | 0.817 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 3.93 | 8.79 | 6.621 | 1.248 | -- | -- | 7.133 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 6.19 | 29.8 | 12.52 | 7.427 | -- | -- | 15.7 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 18 | 33 | 0.0011 | 0.19 | 0.0338 | 0.0765 | 0.0009 | 0.069 | 0.0608 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 3.53 | 44.1 | 12.91 | 11.75 | -- | -- | 18.37 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte02ft | naphthalene | mg/kg | 15 | 18 | 83 | 0.00033 | 0.12 | 0.013 | 0.0305 | 0.00026 | 0.00037 | 0.0399 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | pyrene | mg/kg | 16 | 18 | 89 | 0.0015 | 4.2 | 0.335 | 1.042 | 0.0008 | 0.041 | 1.313 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | toluene | µg/kg | 10 | 18 | 56 | 0.15 | 1.7 | 0.409 | 0.46 | 0.11 | 0.17 | 0.466 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte02ft | tph as diesel | mg/kg | 12 | 18 | 67 | 7.1 | 5200 | 644.4 | 1502 | 4.8 | 4.8 | 1733 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | tph as gasoline | mg/kg | 5 | 18 | 28 | 0.058 | 54 | 10.86 | 24.11 | 0.047 | 0.093 | 17.25 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte02ft | tph as motor oil | mg/kg | 12 | 18 | 67 | 38 | 7000 | 1125 | 2076 | 7 | 7 | 2589 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 14.7 | 29.9 | 23.85 | 4.139 | -- | -- | 25.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 21.6 | 91 | 38.08 | 20.49 | -- | -- | 46.81 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 30 | 30 | 0.097 | 9400 | 1349 | 3094 | 0.089 | 0.17 | 968.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 30 | 17 | 1.5 | 2100 | 540.7 | 898.9 | 0.076 | 2.2 | 224.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 11 | 30 | 37 | 0.0013 | 23 | 4.087 | 8.871 | 0.0011 | 0.21 | 6.08 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 23 | 30 | 77 | 0.0008 | 37 | 3.123 | 10.08 | 0.0006 | 0.12 | 9.501 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte05ft | antimony | mg/kg | 9 | 30 | 30 | 0.342 | 1.64 | 0.683 | 0.388 | 0.306 | 0.306 | 0.528 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 1.58 | 14.7 | 3.982 | 2.345 | -- | -- | 4.62 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte05ft | bap teq | mg/kg | 25 | 30 | 83 | 0.00103 | 1.065 | 0.127 | 0.252 | 0.00053 | 0.00053 | 0.293 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | benzene | µg/kg | 14 | 30 | 47 | 0.14 | 250 | 22.34 | 66.07 | 0.1 | 0.2 | 47.57 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 23 | 30 | 77 | 0.0007 | 1.3 | 0.174 | 0.326 | 0.0007 | 0.033 | 0.369 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 23 | 30 | 77 | 0.0007 | 0.87 | 0.0963 | 0.208 | 0.0005 | 0.2 | 0.224 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 30 | 60 | 0.0018 | 0.22 | 0.0382 | 0.0595 | 0.0004 | 0.14 | 0.0644 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 30 | 17 | 0.0012 | 0.006 | 0.00296 | 0.00198 | 0.0011 | 0.45 | 0.00292 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | cadmium | mg/kg | 7 | 30 | 23 | 0.0903 | 1 | 0.262 | 0.332 | 0.0883 | 0.0883 | 0.19 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte05ft | chrysene | mg/kg | 24 | 30 | 80 | 0.0021 | 2.4 | 0.387 | 0.662 | 0.0012 | 0.0059 | 0.798 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 3.93 | 9.16 | 7.087 | 1.234 | -- | -- | 7.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | copper | mg/kg | 30 | 30 | 100 | 6.19 | 29.8 | 11.07 | 6.012 | -- | -- | 13.01 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte05ft | ethylbenzene | µg/kg | 10 | 30 | 33 | 0.13 | 1800 | 227.8 | 563.4 | 0.12 | 0.23 | 182.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 30 | 27 | 0.0011 | 0.19 | 0.0291 | 0.0657 | 0.0009 | 0.35 | 0.0393 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | lead | mg/kg | 30 | 30 | 100 | 3.53 | 44.1 | 10.6 | 9.71 | -- | -- | 18.33 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte05ft | naphthalene | mg/kg | 26 | 30 | 87 | 0.00033 | 10 | 0.814 | 2.631 | 0.00026 | 0.00037 | 2.668 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte05ft | pyrene | mg/kg | 26 | 30 | 87 | 0.0015 | 4.2 | 0.533 | 1.192 | 0.0008 | 0.041 | 1.357 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | toluene | µg/kg | 13 | 30 | 43 | 0.15 | 44 | 3.736 | 12.1 | 0.11 | 13 | 8.225 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte05ft | tph as diesel | mg/kg | 20 | 30 | 67 | 7.1 | 13000 | 1535 | 3346 | 4.8 | 4.8 | 3278 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | tph as gasoline | mg/kg | 11 | 30 | 37 | 0.058 | 960 | 111.6 | 285.6 | 0.045 | 0.093 | 185.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte05ft | tph as motor oil | mg/kg | 20 | 30 | 67 | 38 | 12000 | 1836 | 3258 | 7 | 7 | 3464 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 14.7 | 39.2 | 26.86 | 5.599 | -- | -- | 28.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | lte05ft | xylenes, total | µg/kg | 8 | 30 | 27 | 0.21 | 4400 | 643.3 | 1531 | 0.15 | 0.3 | 434.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 21.6 | 91 | 35.31 | 16.18 | -- | -- | 40.55 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 40 | 35 | 0.097 | 9400 | 887.7 | 2512 | 0.089 | 0.17 | 1379 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 40 | 23 | 0.55 | 2100 | 308 | 693.2 | 0.076 | 2.2 | 164.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 18 | 40 | 45 | 0.0013 | 23 | 2.69 | 7.074 | 0.0011 | 0.21 | 4.617 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 40 | 78 | 0.0006 | 37 | 2.42 | 8.731 | 0.0006 | 0.12 | 7.22 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | antimony | mg/kg | 12 | 40 | 30 | 0.342 | 1.64 | 0.768 | 0.38 | 0.149 | 0.306 | 0.629 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 1.58 | 14.7 | 4.017 | 2.122 | -- | -- | 4.511 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 ravenna ave | lte10ft | bap teq | mg/kg | 31 | 40 | 78 | 0.000543 | 1.579 | 0.155 | 0.35 | 0.00053 | 0.00053 | 0.338 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | benzene | µg/kg | 17 | 40 | 43 | 0.14 | 250 | 18.64 | 60.13 | 0.1 | 11 | 35.79 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 40 | 70 | 0.0007 | 1.8 | 0.21 | 0.433 | 0.0007 | 0.033 | 0.405 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 28 | 40 | 70 | 0.0007 | 1.1 | 0.12 | 0.271 | 0.0005 | 0.2 | 0.245 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 22 | 40 | 55 | 0.0013 | 0.91 | 0.0729 | 0.195 | 0.0004 | 0.14 | 0.144 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 40 | 18 | 0.0012 | 0.7 | 0.102 | 0.264 | 0.0011 | 0.45 | 0.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | cadmium | mg/kg | 8 | 40 | 20 | 0.0903 | 1 | 0.28 | 0.312 | 0.0883 | 0.0883 | 0.171 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 5 | 40 | 13 | 0.22 | 0.39 | 0.294 | 0.0647 | 0.22 | 0.22 | 0.289 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | chrysene | mg/kg | 30 | 40 | 75 | 0.0019 | 4.3 | 0.458 | 0.945 | 0.0012 | 0.0059 | 0.925 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 2.38 | 9.16 | 6.391 | 1.802 | -- | -- | 6.871 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24608 ravenna ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 2.43 | 29.8 | 9.95 | 5.939 | -- | -- | 11.53 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24608 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 40 | 15 | 0.0009 | 0.17 | 0.0338 | 0.0673 | 0.0007 | 0.27 | 0.0141 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24608 ravenna ave | lte10ft | ethylbenzene | µg/kg | 15 | 40 | 38 | 0.13 | 1800 | 155.3 | 464.2 | 0.12 | 0.23 | 261.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 40 | 25 | 0.0011 | 0.37 | 0.0605 | 0.124 | 0.0009 | 0.35 | 0.0631 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 1.17 | 58.7 | 9.969 | 12.02 | -- | -- | 13.33 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | naphthalene | mg/kg | 34 | 40 | 85 | 0.00033 | 10 | 0.668 | 2.314 | 0.00026 | 0.00037 | 2.048 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | pyrene | mg/kg | 32 | 40 | 80 | 0.001 | 8.3 | 0.7 | 1.761 | 0.0008 | 0.041 | 1.664 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | toluene | µg/kg | 17 | 40 | 43 | 0.15 | 44 | 2.936 | 10.59 | 0.11 | 13 | 3.572 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | tph as diesel | mg/kg | 23 | 40 | 58 | 7.1 | 13000 | 1862 | 3839 | 4.8 | 4.8 | 3181 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | tph as gasoline | mg/kg | 15 | 40 | 38 | 0.058 | 960 | 82.04 | 246.7 | 0.045 | 0.093 | 138.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | tph as motor oil | mg/kg | 23 | 40 | 58 | 38 | 21000 | 2518 | 5064 | 7 | 7 | 4248 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24608 ravenna ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 9.67 | 39.2 | 24.52 | 7.103 | -- | -- | 26.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | xylenes, total | µg/kg | 13 | 40 | 33 | 0.21 | 4400 | 404 | 1211 | 0.15 | 0.3 | 626.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24608 ravenna ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 11 | 91 | 32.14 | 16.2 | -- | -- | 36.62 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24609 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 14 | 43 | 0.15 | 10000 | 1672 | 4080 | 0.093 | 0.12 | 2051 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 14 | 36 | 0.01 | 3 | 0.84 | 1.255 | 0.0011 | 0.043 | 0.719 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 14 | 64 | 0.0014 | 4.2 | 0.55 | 1.383 | 0.0012 | 0.024 | 1.686 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 neptune ave | lte02ft | antimony | mg/kg | 9 | 14 | 64 | 0.35 | 1.76 | 1.104 | 0.459 | 0.306 | 0.306 | 1.159 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 1.81 | 15.5 | 8.591 | 4.321 | -- | -- | 10.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte02ft | bap teq | mg/kg | 12 | 14 | 86 | 0.00142 | 0.0265 | 0.0109 | 0.00847 | 0.00208 | 0.0513 | 0.0144 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte02ft | benzene | µg/kg | 10 | 14 | 71 | 0.16 | 900 | 93.91 | 283.4 | 0.11 | 0.13 | 351 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 14 | 79 | 0.003 | 0.054 | 0.0133 | 0.0142 | 0.0026 | 0.065 | 0.019 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte02ft | cadmium | mg/kg | 6 | 14 | 43 | 0.0949 | 0.391 | 0.163 | 0.113 | 0.0883 | 0.0883 | 0.169 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte02ft | chrysene | mg/kg | 11 | 14 | 79 | 0.0056 | 0.18 | 0.0462 | 0.0516 | 0.0047 | 0.12 | 0.0966 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.12 | 15.6 | 8.989 | 2.193 | -- | -- | 10.08 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24609 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 8.75 | 22.4 | 17.15 | 4.147 | -- | -- | 19.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 3.32 | 14.9 | 8.536 | 3.855 | -- | -- | 10.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte02ft | naphthalene | mg/kg | 9 | 14 | 64 | 0.00031 | 2.9 | 0.469 | 1.007 | 0.00027 | 0.00032 | 1.283 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte02ft | pyrene | mg/kg | 13 | 14 | 93 | 0.0029 | 0.12 | 0.0307 | 0.0407 | 0.016 | 0.016 | 0.0753 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 neptune ave | lte02ft | toluene | µg/kg | 8 | 14 | 57 | 0.18 | 140 | 19.45 | 48.87 | 0.12 | 0.15 | 55.84 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 neptune ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 70 | 6500 | 1292 | 1955 | -- | -- | 2743 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte02ft | tph as gasoline | mg/kg | 7 | 14 | 50 | 0.052 | 1400 | 201.4 | 528.5 | 0.051 | 0.066 | 554.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 110 | 6800 | 1742 | 2054 | -- | -- | 3265 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 21 | 43.8 | 34.34 | 6.674 | -- | -- | 37.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte02ft | xylenes, total | µg/kg | 5 | 14 | 36 | 0.19 | 18000 | 3600 | 8050 | 0.16 | 16 | 7324 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 21.1 | 63 | 44.51 | 11.19 | -- | -- | 49.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 24 | 67 | 0.13 | 21000 | 4282 | 6782 | 0.093 | 0.12 | 4928 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 24 | 25 | 17 | 7900 | 3070 | 2842 | 0.079 | 39 | 2525 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 24 | 58 | 0.01 | 33 | 8.614 | 9.692 | 0.0011 | 0.043 | 8.463 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 24 | 75 | 0.0014 | 55 | 10.79 | 15.38 | 0.0006 | 0.024 | 20.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte05ft | antimony | mg/kg | 14 | 24 | 58 | 0.35 | 1.76 | 1.169 | 0.431 | 0.306 | 0.306 | 1.107 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 1.81 | 15.5 | 7.32 | 3.789 | -- | -- | 8.646 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte05ft | bap teq | mg/kg | 21 | 24 | 88 | 0.00142 | 0.738 | 0.0906 | 0.17 | 0.00053 | 0.0513 | 0.224 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 neptune ave | lte05ft | benzene | µg/kg | 18 | 24 | 75 | 0.16 | 2500 | 547.8 | 848.2 | 0.11 | 53 | 1100 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 24 | 75 | 0.003 | 0.87 | 0.141 | 0.239 | 0.0007 | 0.13 | 0.3 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 5 | 24 | 21 | 0.0018 | 0.45 | 0.0994 | 0.196 | 0.0005 | 0.2 | 0.058 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 neptune ave | lte05ft | cadmium | mg/kg | 6 | 24 | 25 | 0.0949 | 0.391 | 0.163 | 0.113 | 0.0883 | 0.0883 | 0.145 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte05ft | chrysene | mg/kg | 20 | 24 | 83 | 0.0056 | 1.6 | 0.321 | 0.471 | 0.0012 | 0.12 | 0.666 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 6.12 | 15.6 | 8.712 | 1.945 | -- | -- | 9.375 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 7.26 | 22.4 | 14.51 | 5.036 | -- | -- | 16.27 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte05ft | ethylbenzene | µg/kg | 12 | 24 | 50 | 0.14 | 6400 | 2867 | 2376 | 0.12 | 0.15 | 2304 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 3.32 | 14.9 | 7.262 | 3.312 | -- | -- | 8.454 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte05ft | naphthalene | mg/kg | 19 | 24 | 79 | 0.00031 | 21 | 4.186 | 5.471 | 0.00027 | 0.00032 | 7.915 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte05ft | pyrene | mg/kg | 21 | 24 | 88 | 0.0029 | 4.8 | 0.697 | 1.326 | 0.0008 | 0.041 | 1.734 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 neptune ave | lte05ft | toluene | µg/kg | 10 | 24 | 42 | 0.18 | 7100 | 875.6 | 2236 | 0.12 | 59 | 894.6 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 neptune ave | lte05ft | tph as diesel | mg/kg | 24 | 24 | 100 | 8.7 | 21000 | 4796 | 6366 | -- | -- | 9174 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte05ft | tph as gasoline | mg/kg | 16 | 24 | 67 | 0.052 | 2200 | 542.5 | 622.8 | 0.048 | 0.066 | 871.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte05ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 31 | 19000 | 5143 | 6143 | -- | -- | 8676 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 21 | 43.8 | 33.88 | 5.864 | -- | -- | 35.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24609 neptune ave | lte05ft | xylenes, total | µg/kg | 13 | 24 | 54 | 0.19 | 57000 | 7363 | 15902 | 0.16 | 80 | 8656 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 21.1 | 63 | 39.64 | 10.88 | -- | -- | 43.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 21 | 30 | 70 | 0.13 | 50000 | 6529 | 11623 | 0.093 | 0.12 | 8061 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 30 | 37 | 17 | 17000 | 3448 | 5074 | 0.079 | 39 | 2369 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 19 | 30 | 63 | 0.01 | 51 | 13.05 | 14.85 | 0.0011 | 0.043 | 13.44 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 30 | 80 | 0.001 | 78 | 16.28 | 22.49 | 0.0006 | 0.024 | 29.89 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte10ft | antimony | mg/kg | 17 | 30 | 57 | 0.311 | 1.76 | 1.075 | 0.463 | 0.306 | 0.306 | 0.959 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 1.81 | 15.5 | 6.724 | 3.61 | -- | -- | 7.979 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte10ft | bap teq | mg/kg | 26 | 30 | 87 | 0.00138 | 1.449 | 0.203 | 0.391 | 0.00053 | 0.411 | 0.472 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 neptune ave | lte10ft | benzene | µg/kg | 23 | 30 | 77 | 0.16 | 2800 | 704.4 | 947.7 | 0.11 | 53 | 1244 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 23 | 30 | 77 | 0.0008 | 2.2 | 0.354 | 0.648 | 0.0007 | 0.52 | 0.742 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 9 | 30 | 30 | 0.0008 | 1.1 | 0.289 | 0.456 | 0.0005 | 0.49 | 0.178 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 30 | 17 | 0.0008 | 0.026 | 0.00856 | 0.0103 | 0.0004 | 0.35 | 0.00739 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte10ft | cadmium | mg/kg | 7 | 30 | 23 | 0.091 | 0.391 | 0.152 | 0.107 | 0.0883 | 0.0883 | 0.129 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte10ft | chrysene | mg/kg | 24 | 30 | 80 | 0.0056 | 3.6 | 0.659 | 1.059 | 0.0012 | 0.95 | 1.315 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 neptune ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 3.43 | 15.6 | 8.121 | 2.309 | -- | -- | 8.845 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 4.62 | 22.4 | 13.07 | 5.418 | -- | -- | 14.75 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte10ft | ethylbenzene | µg/kg | 17 | 30 | 57 | 0.14 | 15000 | 3469 | 3645 | 0.12 | 0.15 | 3195 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 1.68 | 14.9 | 6.652 | 3.371 | -- | -- | 7.774 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 neptune ave | lte10ft | naphthalene | mg/kg | 25 | 30 | 83 | 0.00031 | 24 | 5.956 | 7.458 | 0.00027 | 0.00032 | 10.67 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte10ft | pyrene | mg/kg | 26 | 30 | 87 | 0.0029 | 12 | 1.802 | 3.379 | 0.0008 | 0.041 | 4.114 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte10ft | toluene | µg/kg | 15 | 30 | 50 | 0.18 | 7100 | 833.2 | 1986 | 0.12 | 59 | 872.8 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 neptune ave | lte10ft | tph as diesel | mg/kg | 29 | 30 | 97 | 8.7 | 24000 | 6809 | 8141 | 4.8 | 4.8 | 13029 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte10ft | tph as gasoline | mg/kg | 21 | 30 | 70 | 0.052 | 2800 | 656.2 | 739.7 | 0.048 | 0.066 | 1010 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 neptune ave | lte10ft | tph as motor oil | mg/kg | 30 | 30 | 100 | 22 | 27000 | 7060 | 8266 | -- | -- | 11557 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 15.5 | 43.8 | 32.11 | 7.051 | -- | -- | 34.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 neptune ave | lte10ft | xylenes, total | µg/kg | 18 | 30 | 60 | 0.19 | 83000 | 10634 | 22543 | 0.16 | 80 | 12604 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 neptune ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 15.9 | 63 | 36.81 | 12.02 | -- | -- | 40.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 8 | 100 | 3.1 | 3600 | 462.6 | 1268 | -- | -- | 3600 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 8 | 100 | 0.92 | 18 | 4.49 | 5.76 | -- | -- | 10.18 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0023 | 14 | 1.843 | 4.914 | -- | -- | 9.415 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0029 | 23 | 2.992 | 8.086 | -- | -- | 15.45 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 1.43 | 4.77 | 3.11 | 1.375 | -- | -- | 4.031 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00334 | 0.317 | 0.0785 | 0.12 | -- | -- | 0.269 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | benzene | µg/kg | 7 | 8 | 88 | 0.16 | 400 | 72.17 | 147 | 0.12 | 0.12 | 278.7 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.0024 | 0.33 | 0.0822 | 0.128 | -- | -- | 0.33 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 8 | 100 | 0.0026 | 0.23 | 0.0589 | 0.089 | -- | -- | 0.2 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 8 | 88 | 0.0012 | 0.081 | 0.0167 | 0.0288 | 0.07 | 0.07 | 0.0575 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.0062 | 0.82 | 0.216 | 0.318 | -- | -- | 0.749 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 2.69 | 6.74 | 5.128 | 1.509 | -- | -- | 6.138 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 3.93 | 8.3 | 6.691 | 1.717 | -- | -- | 7.842 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 8 | 100 | 0.45 | 960 | 127.3 | 336.6 | -- | -- | 646 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 2.25 | 13.1 | 6.165 | 3.499 | -- | -- | 8.509 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | naphthalene | mg/kg | 8 | 8 | 100 | 0.0062 | 8.7 | 1.124 | 3.062 | -- | -- | 8.7 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.012 | 0.9 | 0.228 | 0.327 | -- | -- | 0.75 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | toluene | µg/kg | 8 | 8 | 100 | 0.38 | 1.3 | 0.628 | 0.318 | -- | -- | 0.899 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | tph as diesel | mg/kg | 7 | 8 | 88 | 5.2 | 6300 | 1117 | 2297 | 4.8 | 4.8 | 4345 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 8 | 100 | 0.54 | 570 | 97.19 | 196.5 | -- | -- | 400 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 7 | 8 | 88 | 21 | 5900 | 1210 | 2100 | 7 | 7 | 4159 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 10.5 | 28.5 | 21.14 | 6.884 | -- | -- | 25.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | gt05lte10ft | xylenes, total | µg/kg | 8 | 8 | 100 | 2.2 | 250 | 40.59 | 85.64 | -- | -- | 250 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 14.7 | 30 | 22.64 | 5.743 | -- | -- | 26.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 14 | 50 | 0.0012 | 0.011 | 0.0048 | 0.00347 | 0.0006 | 0.0048 | 0.00487 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 0.398 | 14.3 | 5.438 | 3.727 | -- | -- | 7.202 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte02ft | bap teq | mg/kg | 12 | 14 | 86 | 0.000537 | 0.0265 | 0.00886 | 0.00904 | 0.00053 | 0.00053 | 0.018 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 panama ave | lte02ft | benzene | µg/kg | 12 | 14 | 86 | 0.12 | 1.2 | 0.475 | 0.378 | 0.1 | 0.13 | 0.627 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 14 | 64 | 0.0018 | 0.027 | 0.00812 | 0.00859 | 0.0007 | 0.0052 | 0.0147 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 14 | 71 | 0.0015 | 0.02 | 0.00799 | 0.00743 | 0.0005 | 0.0025 | 0.0143 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 14 | 57 | 0.0011 | 0.013 | 0.00493 | 0.00441 | 0.0004 | 0.0028 | 0.00517 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24609 panama ave | lte02ft | chrysene | mg/kg | 12 | 14 | 86 | 0.0013 | 0.067 | 0.0192 | 0.0196 | 0.0012 | 0.0012 | 0.0391 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 5.08 | 10.1 | 7.036 | 1.488 | -- | -- | 7.741 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 6.29 | 16 | 10.74 | 2.663 | -- | -- | 12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 3.78 | 16.2 | 6.268 | 3.372 | -- | -- | 7.957 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte02ft | naphthalene | mg/kg | 6 | 14 | 43 | 0.00031 | 0.0075 | 0.00255 | 0.00255 | 0.00024 | 0.00028 | 0.00225 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0011 | 0.041 | 0.0111 | 0.0104 | -- | -- | 0.0179 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte02ft | toluene | µg/kg | 8 | 14 | 57 | 0.14 | 1.2 | 0.345 | 0.352 | 0.11 | 0.14 | 0.404 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte02ft | tph as diesel | mg/kg | 9 | 14 | 64 | 5.9 | 2100 | 303.5 | 679.5 | 4.8 | 4.8 | 506.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte02ft | tph as gasoline | mg/kg | 5 | 14 | 36 | 0.057 | 0.082 | 0.0718 | 0.0105 | 0.044 | 0.057 | 0.0754 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte02ft | tph as motor oil | mg/kg | 9 | 14 | 64 | 14 | 4700 | 673.7 | 1519 | 7 | 7 | 1106 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 panama ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 19.1 | 34.7 | 24.58 | 4.361 | -- | -- | 26.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 20.6 | 47.7 | 28.29 | 6.907 | -- | -- | 31.57 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 26 | 42 | 0.24 | 15 | 2.695 | 4.497 | 0.087 | 11 | 2.579 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 26 | 23 | 0.09 | 0.77 | 0.287 | 0.244 | 0.073 | 9 | 0.197 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 26 | 46 | 0.0012 | 2.6 | 0.541 | 0.784 | 0.0011 | 0.011 | 0.452 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 26 | 69 | 0.0012 | 2.6 | 0.402 | 0.744 | 0.0006 | 0.0048 | 0.518 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 panama ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 0.398 | 14.3 | 5.516 | 2.989 | -- | -- | 6.517 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte05ft | bap teq | mg/kg | 24 | 26 | 92 | 0.000537 | 0.896 | 0.0974 | 0.21 | 0.00053 | 0.00053 | 0.264 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte05ft | benzene | µg/kg | 20 | 26 | 77 | 0.12 | 1.2 | 0.427 | 0.316 | 0.1 | 12 | 0.502 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 26 | 81 | 0.0018 | 1.4 | 0.123 | 0.311 | 0.0007 | 0.0052 | 0.343 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 22 | 26 | 85 | 0.0015 | 0.66 | 0.0811 | 0.164 | 0.0005 | 0.0025 | 0.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 26 | 77 | 0.0011 | 0.27 | 0.0409 | 0.0711 | 0.0004 | 0.0028 | 0.087 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 26 | 27 | 0.0014 | 0.074 | 0.0185 | 0.0255 | 0.0011 | 0.23 | 0.0118 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte05ft | cadmium | mg/kg | 5 | 26 | 19 | 0.0891 | 0.379 | 0.156 | 0.125 | 0.0883 | 0.0883 | 0.129 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte05ft | chrysene | mg/kg | 24 | 26 | 92 | 0.0013 | 2.7 | 0.29 | 0.607 | 0.0012 | 0.0012 | 0.771 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 5.08 | 13 | 7.374 | 1.772 | -- | -- | 7.986 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 6.29 | 21.8 | 12.53 | 3.731 | -- | -- | 13.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 26 | 31 | 0.0007 | 0.052 | 0.0186 | 0.018 | 0.0007 | 0.13 | 0.0135 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte05ft | ethylbenzene | µg/kg | 15 | 26 | 58 | 0.14 | 49 | 12.65 | 16.98 | 0.11 | 0.15 | 19.66 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 26 | 35 | 0.0009 | 0.081 | 0.0178 | 0.0261 | 0.0009 | 0.17 | 0.0134 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 3.78 | 46.8 | 10.17 | 9.925 | -- | -- | 18.65 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte05ft | naphthalene | mg/kg | 18 | 26 | 69 | 0.00031 | 0.78 | 0.142 | 0.212 | 0.00024 | 0.00028 | 0.158 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte05ft | pyrene | mg/kg | 26 | 26 | 100 | 0.0011 | 7.2 | 0.521 | 1.463 | -- | -- | 1.771 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte05ft | toluene | µg/kg | 14 | 26 | 54 | 0.14 | 1.2 | 0.322 | 0.266 | 0.11 | 14 | 0.343 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte05ft | tph as diesel | mg/kg | 20 | 26 | 77 | 5.9 | 6800 | 1123 | 1647 | 4.8 | 4.8 | 2167 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte05ft | tph as gasoline | mg/kg | 17 | 26 | 65 | 0.057 | 230 | 24.6 | 59.53 | 0.044 | 0.057 | 58.52 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte05ft | tph as motor oil | mg/kg | 20 | 26 | 77 | 14 | 11000 | 1773 | 2636 | 7 | 7 | 3447 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 19.1 | 38.9 | 27.16 | 5.735 | -- | -- | 29.14 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte05ft | xylenes, total | µg/kg | 8 | 26 | 31 | 0.16 | 1.8 | 0.978 | 0.592 | 0.15 | 18 | 0.93 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 20.6 | 50.5 | 31.74 | 8.094 | -- | -- | 34.51 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 34 | 56 | 0.24 | 3600 | 196.4 | 824.3 | 0.087 | 11 | 576.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 34 | 41 | 0.09 | 18 | 2.689 | 4.748 | 0.073 | 9 | 2.191 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 20 | 34 | 59 | 0.0012 | 14 | 1.061 | 3.111 | 0.0011 | 0.011 | 1.442 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 26 | 34 | 76 | 0.0012 | 23 | 1.199 | 4.491 | 0.0006 | 0.0048 | 3.878 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 0.398 | 14.3 | 4.95 | 2.871 | -- | -- | 5.934 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte10ft | bap teq | mg/kg | 32 | 34 | 94 | 0.000537 | 0.896 | 0.0927 | 0.189 | 0.00053 | 0.00053 | 0.226 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | benzene | µg/kg | 27 | 34 | 79 | 0.12 | 400 | 19.03 | 77.53 | 0.1 | 12 | 67.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 29 | 34 | 85 | 0.0018 | 1.4 | 0.112 | 0.271 | 0.0007 | 0.0052 | 0.286 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 30 | 34 | 88 | 0.0015 | 0.66 | 0.0752 | 0.147 | 0.0005 | 0.0025 | 0.171 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 27 | 34 | 79 | 0.0011 | 0.27 | 0.0346 | 0.0633 | 0.0004 | 0.07 | 0.0713 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 34 | 29 | 0.0014 | 0.074 | 0.0172 | 0.0233 | 0.0011 | 0.23 | 0.011 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte10ft | cadmium | mg/kg | 5 | 34 | 15 | 0.0891 | 0.379 | 0.156 | 0.125 | 0.0883 | 0.0883 | 0.124 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 panama ave | lte10ft | chrysene | mg/kg | 32 | 34 | 94 | 0.0013 | 2.7 | 0.271 | 0.545 | 0.0012 | 0.0012 | 0.654 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 2.69 | 13 | 6.845 | 1.949 | -- | -- | 7.45 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 panama ave | lte10ft | copper | mg/kg | 34 | 34 | 100 | 3.93 | 21.8 | 11.16 | 4.182 | -- | -- | 12.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 11 | 34 | 32 | 0.0007 | 0.052 | 0.0153 | 0.0166 | 0.0007 | 0.13 | 0.0096 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte10ft | ethylbenzene | µg/kg | 23 | 34 | 68 | 0.14 | 960 | 52.54 | 198.4 | 0.11 | 0.15 | 159 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 34 | 35 | 0.0009 | 0.081 | 0.0143 | 0.0232 | 0.0009 | 0.17 | 0.0109 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte10ft | lead | mg/kg | 34 | 34 | 100 | 2.25 | 46.8 | 9.226 | 8.955 | -- | -- | 15.92 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24609 panama ave | lte10ft | naphthalene | mg/kg | 26 | 34 | 76 | 0.00031 | 8.7 | 0.444 | 1.694 | 0.00024 | 0.00028 | 1.456 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | pyrene | mg/kg | 34 | 34 | 100 | 0.0011 | 7.2 | 0.452 | 1.289 | -- | -- | 1.415 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | toluene | µg/kg | 22 | 34 | 65 | 0.14 | 1.3 | 0.433 | 0.317 | 0.11 | 14 | 0.455 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | tph as diesel | mg/kg | 27 | 34 | 79 | 5.2 | 6800 | 1121 | 1789 | 4.8 | 4.8 | 2131 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte10ft | tph as gasoline | mg/kg | 25 | 34 | 74 | 0.057 | 570 | 47.83 | 121.7 | 0.044 | 0.057 | 114.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | tph as motor oil | mg/kg | 27 | 34 | 79 | 14 | 11000 | 1627 | 2482 | 7 | 7 | 3021 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 panama ave | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 10.5 | 38.9 | 25.74 | 6.457 | -- | -- | 27.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 panama ave | lte10ft | xylenes, total | µg/kg | 16 | 34 | 47 | 0.16 | 250 | 20.78 | 61.97 | 0.15 | 18 | 42.68 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 panama ave | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 14.7 | 50.5 | 29.6 | 8.485 | -- | -- | 32.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 12 | 58 | 0.0008 | 0.01 | 0.00311 | 0.00322 | 0.0006 | 0.0006 | 0.00386 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | antimony | mg/kg | 7 | 12 | 58 | 0.315 | 0.899 | 0.58 | 0.211 | 0.306 | 0.306 | 0.605 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 2.54 | 5.51 | 4.019 | 0.889 | -- | -- | 4.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | bap teq | mg/kg | 7 | 12 | 58 | 0.000539 | 0.0456 | 0.00927 | 0.0162 | 0.00053 | 0.00053 | 0.0131 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 5 | 12 | 42 | 0.0007 | 0.016 | 0.00534 | 0.00614 | 0.0007 | 0.0007 | 0.00573 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 12 | 50 | 0.0006 | 0.035 | 0.00802 | 0.0133 | 0.0005 | 0.0005 | 0.00963 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 12 | 42 | 0.0009 | 0.028 | 0.0084 | 0.0111 | 0.0004 | 0.0004 | 0.00832 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | chrysene | mg/kg | 6 | 12 | 50 | 0.0012 | 0.024 | 0.00683 | 0.00871 | 0.0012 | 0.0012 | 0.00759 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 2.19 | 7.73 | 4.667 | 1.658 | -- | -- | 5.526 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 3.31 | 9.81 | 6.038 | 1.918 | -- | -- | 7.032 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 12 | 42 | 0.001 | 0.029 | 0.00812 | 0.0118 | 0.0009 | 0.0009 | 0.0084 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 1.46 | 6.59 | 3.885 | 1.362 | -- | -- | 4.591 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.0013 | 0.0093 | 0.00328 | 0.00233 | -- | -- | 0.00464 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | pyrene | mg/kg | 11 | 12 | 92 | 0.0009 | 0.068 | 0.0105 | 0.0197 | 0.0008 | 0.0008 | 0.0336 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 10.8 | 36 | 20.52 | 7.279 | -- | -- | 24.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 13.3 | 30.5 | 21.16 | 5.459 | -- | -- | 23.99 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 22 | 32 | 0.0012 | 0.01 | 0.00404 | 0.00311 | 0.0011 | 0.011 | 0.00348 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 19 | 22 | 86 | 0.0006 | 0.017 | 0.00364 | 0.00435 | 0.0006 | 0.0006 | 0.00712 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 ravenna ave | lte02ft | antimony | mg/kg | 8 | 22 | 36 | 0.321 | 0.637 | 0.413 | 0.108 | 0.306 | 0.306 | 0.39 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | lte02ft | arsenic | mg/kg | 22 | 22 | 100 | 1.42 | 3.72 | 2.057 | 0.527 | -- | -- | 2.248 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | bap teq | mg/kg | 12 | 22 | 55 | 0.00088 | 0.0432 | 0.00858 | 0.0124 | 0.00053 | 0.00261 | 0.00946 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | benzene | µg/kg | 16 | 22 | 73 | 0.11 | 0.77 | 0.279 | 0.201 | 0.1 | 0.13 | 0.304 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 22 | 41 | 0.0007 | 0.019 | 0.00651 | 0.00705 | 0.0007 | 0.0033 | 0.00508 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 22 | 55 | 0.0006 | 0.032 | 0.0061 | 0.00907 | 0.0005 | 0.0025 | 0.00671 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 22 | 41 | 0.0007 | 0.027 | 0.00567 | 0.00835 | 0.0004 | 0.0028 | 0.00492 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 22 | 23 | 0.0015 | 0.016 | 0.00534 | 0.00614 | 0.0011 | 0.011 | 0.00368 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | chrysene | mg/kg | 9 | 22 | 41 | 0.0016 | 0.034 | 0.0115 | 0.0118 | 0.0012 | 0.0059 | 0.009 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | cobalt | mg/kg | 22 | 22 | 100 | 5.24 | 7.81 | 6.04 | 0.578 | -- | -- | 6.25 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte02ft | copper | mg/kg | 22 | 22 | 100 | 5.3 | 21.2 | 8.286 | 3.561 | -- | -- | 9.669 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 22 | 27 | 0.0007 | 0.0068 | 0.00258 | 0.0027 | 0.0007 | 0.0054 | 0.00186 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 22 | 32 | 0.0013 | 0.03 | 0.00936 | 0.0104 | 0.0009 | 0.0043 | 0.0065 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | lead | mg/kg | 22 | 22 | 100 | 3.42 | 16.1 | 5.935 | 3.121 | -- | -- | 7.129 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte02ft | naphthalene | mg/kg | 15 | 22 | 68 | 0.0009 | 0.0062 | 0.00213 | 0.0014 | 0.00024 | 0.00029 | 0.00223 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | pyrene | mg/kg | 20 | 22 | 91 | 0.001 | 0.076 | 0.00932 | 0.0175 | 0.0008 | 0.0008 | 0.0243 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte02ft | toluene | µg/kg | 10 | 22 | 45 | 0.12 | 1.2 | 0.424 | 0.315 | 0.11 | 0.13 | 0.356 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | tph as gasoline | mg/kg | 9 | 22 | 41 | 0.056 | 0.15 | 0.0823 | 0.0298 | 0.046 | 0.06 | 0.0754 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte02ft | vanadium | mg/kg | 22 | 22 | 100 | 17.6 | 27.2 | 20.05 | 2.346 | -- | -- | 20.89 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte02ft | xylenes, total | µg/kg | 6 | 22 | 27 | 0.21 | 1.7 | 0.553 | 0.57 | 0.15 | 0.19 | 0.477 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 ravenna ave | lte02ft | zinc | mg/kg | 22 | 22 | 100 | 18.7 | 81 | 28.28 | 13.82 | -- | -- | 33.66 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 11 | 33 | 33 | 0.0012 | 0.01 | 0.00353 | 0.00271 | 0.0011 | 0.011 | 0.00261 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 27 | 33 | 82 | 0.0006 | 0.017 | 0.0032 | 0.00386 | 0.0006 | 0.0006 | 0.00549 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte05ft | antimony | mg/kg | 17 | 33 | 52 | 0.317 | 0.941 | 0.538 | 0.2 | 0.306 | 0.306 | 0.485 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | lte05ft | arsenic | mg/kg | 33 | 33 | 100 | 1.42 | 3.87 | 2.438 | 0.751 | -- | -- | 2.67 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte05ft | bap teq | mg/kg | 18 | 33 | 55 | 0.00088 | 0.0432 | 0.007 | 0.0104 | 0.00053 | 0.00261 | 0.007 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte05ft | benzene | µg/kg | 17 | 33 | 52 | 0.1 | 0.77 | 0.269 | 0.199 | 0.099 | 0.13 | 0.236 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 33 | 39 | 0.0007 | 0.019 | 0.00527 | 0.00611 | 0.0007 | 0.0033 | 0.00383 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 18 | 33 | 55 | 0.0006 | 0.032 | 0.00499 | 0.00763 | 0.0005 | 0.0025 | 0.00498 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 33 | 42 | 0.0007 | 0.027 | 0.00457 | 0.0068 | 0.0004 | 0.0028 | 0.00378 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 33 | 24 | 0.0015 | 0.016 | 0.00463 | 0.00487 | 0.0011 | 0.011 | 0.00312 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte05ft | chrysene | mg/kg | 13 | 33 | 39 | 0.0015 | 0.034 | 0.00897 | 0.0104 | 0.0012 | 0.0059 | 0.00669 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24609 ravenna ave | lte05ft | cobalt | mg/kg | 33 | 33 | 100 | 5.24 | 10.7 | 6.942 | 1.457 | -- | -- | 7.378 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte05ft | copper | mg/kg | 33 | 33 | 100 | 5.3 | 21.2 | 8.348 | 2.905 | -- | -- | 9.252 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 33 | 27 | 0.0007 | 0.0068 | 0.00201 | 0.0023 | 0.0007 | 0.0054 | 0.00147 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 33 | 33 | 0.0009 | 0.03 | 0.00719 | 0.00873 | 0.0009 | 0.0043 | 0.00476 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte05ft | lead | mg/kg | 33 | 33 | 100 | 3.42 | 16.1 | 5.9 | 2.55 | -- | -- | 6.59 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte05ft | naphthalene | mg/kg | 20 | 33 | 61 | 0.0009 | 0.0062 | 0.00247 | 0.00155 | 0.00024 | 0.00029 | 0.00231 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte05ft | pyrene | mg/kg | 30 | 33 | 91 | 0.001 | 0.076 | 0.00779 | 0.0146 | 0.0008 | 0.0008 | 0.0178 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte05ft | toluene | µg/kg | 11 | 33 | 33 | 0.12 | 1.2 | 0.396 | 0.312 | 0.11 | 0.13 | 0.279 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte05ft | tph as gasoline | mg/kg | 11 | 33 | 33 | 0.056 | 0.15 | 0.0827 | 0.029 | 0.046 | 0.06 | 0.0712 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte05ft | vanadium | mg/kg | 33 | 33 | 100 | 17.6 | 32.3 | 23.04 | 4.908 | -- | -- | 24.5 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte05ft | xylenes, total | µg/kg | 6 | 33 | 18 | 0.21 | 1.7 | 0.553 | 0.57 | 0.15 | 0.19 | 0.432 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 ravenna ave | lte05ft | zinc | mg/kg | 33 | 33 | 100 | 18.7 | 81 | 27.54 | 11.29 | -- | -- | 31.08 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 15 | 45 | 33 | 0.0012 | 0.01 | 0.00346 | 0.00251 | 0.0011 | 0.011 | 0.00245 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 34 | 45 | 76 | 0.0006 | 0.017 | 0.00318 | 0.00369 | 0.0006 | 0.0006 | 0.00351 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte10ft | antimony | mg/kg | 24 | 45 | 53 | 0.315 | 0.941 | 0.55 | 0.199 | 0.306 | 0.306 | 0.488 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte10ft | arsenic | mg/kg | 45 | 45 | 100 | 1.42 | 5.51 | 2.86 | 1.053 | -- | -- | 3.138 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte10ft | bap teq | mg/kg | 25 | 45 | 56 | 0.000539 | 0.0456 | 0.00764 | 0.012 | 0.00053 | 0.00261 | 0.00702 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte10ft | benzene | µg/kg | 18 | 45 | 40 | 0.1 | 0.77 | 0.259 | 0.197 | 0.099 | 0.13 | 0.201 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 18 | 45 | 40 | 0.0007 | 0.019 | 0.00529 | 0.00594 | 0.0007 | 0.0033 | 0.00365 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 24 | 45 | 53 | 0.0006 | 0.035 | 0.00575 | 0.00913 | 0.0005 | 0.0025 | 0.00529 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 19 | 45 | 42 | 0.0007 | 0.028 | 0.00558 | 0.00799 | 0.0004 | 0.0028 | 0.00421 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 45 | 27 | 0.0014 | 0.018 | 0.00536 | 0.00565 | 0.0011 | 0.011 | 0.00335 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte10ft | chrysene | mg/kg | 19 | 45 | 42 | 0.0012 | 0.034 | 0.00829 | 0.00974 | 0.0012 | 0.0059 | 0.00603 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte10ft | cobalt | mg/kg | 45 | 45 | 100 | 2.19 | 10.7 | 6.335 | 1.807 | -- | -- | 6.788 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | lte10ft | copper | mg/kg | 45 | 45 | 100 | 3.31 | 21.2 | 7.732 | 2.851 | -- | -- | 8.475 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 11 | 45 | 24 | 0.0007 | 0.0068 | 0.00205 | 0.00215 | 0.0007 | 0.0054 | 0.00137 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 45 | 36 | 0.0009 | 0.03 | 0.00748 | 0.00937 | 0.0009 | 0.0043 | 0.00487 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte10ft | lead | mg/kg | 45 | 45 | 100 | 1.46 | 16.1 | 5.363 | 2.451 | -- | -- | 5.95 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24609 ravenna ave | lte10ft | naphthalene | mg/kg | 32 | 45 | 71 | 0.0009 | 0.0093 | 0.00277 | 0.00189 | 0.00024 | 0.00029 | 0.00271 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte10ft | pyrene | mg/kg | 41 | 45 | 91 | 0.0009 | 0.076 | 0.00851 | 0.0159 | 0.0008 | 0.0008 | 0.0178 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24609 ravenna ave | lte10ft | toluene | µg/kg | 11 | 45 | 24 | 0.12 | 1.2 | 0.396 | 0.312 | 0.11 | 0.14 | 0.237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte10ft | tph as gasoline | mg/kg | 11 | 45 | 24 | 0.056 | 0.15 | 0.0827 | 0.029 | 0.046 | 0.06 | 0.0672 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24609 ravenna ave | lte10ft | vanadium | mg/kg | 45 | 45 | 100 | 10.8 | 36 | 22.37 | 5.66 | -- | -- | 23.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24609 ravenna ave | lte10ft | xylenes, total | µg/kg | 6 | 45 | 13 | 0.21 | 1.7 | 0.553 | 0.57 | 0.15 | 0.19 | 0.411 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24609 ravenna ave | lte10ft | zinc | mg/kg | 45 | 45 | 100 | 13.3 | 81 | 25.84 | 10.41 | -- | -- | 28.59 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 10 | 70 | 1.3 | 23000 | 5614 | 8994 | 0.099 | 0.11 | 8788 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 10 | 70 | 2.8 | 27 | 13.71 | 8.468 | 0.0011 | 0.0054 | 15.72 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 10 | 80 | 0.017 | 41 | 19.23 | 14.23 | 0.0006 | 0.0006 | 24.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | antimony | mg/kg | 5 | 10 | 50 | 0.4 | 0.763 | 0.56 | 0.135 | 0.219 | 0.219 | 0.598 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 3.39 | 14.8 | 7.676 | 4.389 | -- | -- | 10.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | bap teq | mg/kg | 7 | 10 | 70 | 0.00605 | 0.658 | 0.211 | 0.262 | 0.00053 | 0.00525 | 0.298 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | benzene | µg/kg | 5 | 10 | 50 | 62 | 3800 | 1250 | 1695 | 0.11 | 11 | 1559 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 10 | 70 | 0.0091 | 0.94 | 0.243 | 0.36 | 0.0007 | 0.006 | 0.368 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | chrysene | mg/kg | 7 | 10 | 70 | 0.022 | 2 | 0.572 | 0.743 | 0.0012 | 0.006 | 0.813 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.09 | 14.9 | 7.783 | 2.865 | -- | -- | 9.538 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 6.61 | 26 | 14.23 | 6.432 | -- | -- | 17.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 6 | 10 | 60 | 0.45 | 15000 | 8217 | 5299 | 0.13 | 13 | 10400 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 2.7 | 9.04 | 4.433 | 1.911 | -- | -- | 5.647 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | naphthalene | mg/kg | 8 | 10 | 80 | 0.097 | 20 | 9.962 | 7.171 | 0.00027 | 0.00028 | 12.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 10 | 80 | 570 | 13000 | 8121 | 4226 | 4.8 | 4.8 | 10000 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 10 | 80 | 9.1 | 5700 | 1585 | 1995 | 0.052 | 0.053 | 3898 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 10 | 80 | 600 | 12000 | 7538 | 3897 | 7 | 7 | 9210 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 20.6 | 46.9 | 30.46 | 9.067 | -- | -- | 35.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 23.4 | 52.5 | 33.85 | 9.33 | -- | -- | 39.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 10 | 26 | 38 | 0.0015 | 0.86 | 0.0989 | 0.268 | 0.0011 | 0.043 | 0.188 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 26 | 69 | 0.0006 | 0.38 | 0.0375 | 0.0884 | 0.0006 | 0.012 | 0.0909 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 marbella ave | lte02ft | antimony | mg/kg | 12 | 26 | 46 | 0.278 | 2.41 | 0.677 | 0.565 | 0.219 | 0.219 | 0.641 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte02ft | arsenic | mg/kg | 26 | 26 | 100 | 2.1 | 7.51 | 4.765 | 1.362 | -- | -- | 5.221 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte02ft | bap teq | mg/kg | 18 | 26 | 69 | 0.000967 | 0.218 | 0.0306 | 0.0527 | 0.00053 | 0.00053 | 0.038 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24612 marbella ave | lte02ft | benzene | µg/kg | 11 | 26 | 42 | 0.13 | 0.4 | 0.245 | 0.0943 | 0.11 | 0.13 | 0.217 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 26 | 58 | 0.001 | 0.27 | 0.0449 | 0.0745 | 0.0007 | 0.0052 | 0.047 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 26 | 54 | 0.0006 | 0.15 | 0.025 | 0.0402 | 0.0005 | 0.025 | 0.0275 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 26 | 27 | 0.0006 | 0.14 | 0.0318 | 0.0493 | 0.0004 | 0.025 | 0.019 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte02ft | cadmium | mg/kg | 15 | 26 | 58 | 0.101 | 3.08 | 0.485 | 0.723 | 0.0883 | 0.0883 | 0.541 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte02ft | chrysene | mg/kg | 17 | 26 | 65 | 0.002 | 0.72 | 0.11 | 0.196 | 0.0012 | 0.0095 | 0.216 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 marbella ave | lte02ft | cobalt | mg/kg | 26 | 26 | 100 | 6.34 | 15.1 | 10.68 | 2.331 | -- | -- | 11.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte02ft | copper | mg/kg | 26 | 26 | 100 | 7.11 | 54.3 | 19.65 | 8.704 | -- | -- | 22.7 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 26 | 23 | 0.0028 | 0.04 | 0.0127 | 0.0145 | 0.0009 | 0.025 | 0.00794 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte02ft | lead | mg/kg | 26 | 26 | 100 | 4.07 | 144 | 13.55 | 26.82 | -- | -- | 36.48 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte02ft | naphthalene | mg/kg | 15 | 26 | 58 | 0.0012 | 0.37 | 0.0335 | 0.0937 | 0.00026 | 0.00032 | 0.0823 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 marbella ave | lte02ft | pyrene | mg/kg | 19 | 26 | 73 | 0.0008 | 0.76 | 0.0826 | 0.184 | 0.0008 | 0.0065 | 0.199 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 marbella ave | lte02ft | toluene | µg/kg | 10 | 26 | 38 | 0.15 | 0.73 | 0.339 | 0.21 | 0.12 | 0.15 | 0.281 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte02ft | tph as diesel | mg/kg | 14 | 26 | 54 | 8.6 | 7200 | 649.1 | 1894 | 4.8 | 4.8 | 916.8 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 marbella ave | lte02ft | tph as motor oil | mg/kg | 18 | 26 | 69 | 9.1 | 9500 | 856.3 | 2215 | 7 | 7 | 1351 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 marbella ave | lte02ft | vanadium | mg/kg | 26 | 26 | 100 | 23 | 52.5 | 37.42 | 7.45 | -- | -- | 39.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte02ft | zinc | mg/kg | 26 | 26 | 100 | 23.8 | 176 | 50.12 | 27.54 | -- | -- | 60.05 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 41 | 27 | 0.12 | 38000 | 3714 | 11380 | 0.091 | 0.18 | 2612 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 41 | 17 | 0.18 | 3700 | 629.9 | 1363 | 0.077 | 8.8 | 270.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 20 | 41 | 49 | 0.0013 | 43 | 6.524 | 12.21 | 0.0011 | 0.043 | 9.417 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 31 | 41 | 76 | 0.0006 | 62 | 6.213 | 14.83 | 0.0006 | 0.012 | 13.67 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | antimony | mg/kg | 20 | 41 | 49 | 0.246 | 2.41 | 0.614 | 0.468 | 0.219 | 0.219 | 0.525 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte05ft | arsenic | mg/kg | 41 | 41 | 100 | 2.1 | 7.51 | 4.668 | 1.312 | -- | -- | 5.013 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte05ft | bap teq | mg/kg | 28 | 41 | 68 | 0.000967 | 0.803 | 0.105 | 0.199 | 0.00053 | 0.0228 | 0.189 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | benzene | µg/kg | 19 | 41 | 46 | 0.13 | 5900 | 452.7 | 1349 | 0.11 | 0.2 | 854.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 22 | 41 | 54 | 0.001 | 1 | 0.193 | 0.312 | 0.0007 | 0.026 | 0.175 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 22 | 41 | 54 | 0.0006 | 0.61 | 0.0966 | 0.17 | 0.0005 | 0.026 | 0.0897 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 8 | 41 | 20 | 0.0006 | 0.23 | 0.0566 | 0.0836 | 0.0004 | 0.026 | 0.0232 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 6 | 41 | 15 | 0.18 | 0.86 | 0.568 | 0.284 | 0.079 | 1.7 | 0.616 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte05ft | cadmium | mg/kg | 24 | 41 | 59 | 0.0964 | 3.08 | 0.396 | 0.577 | 0.0883 | 0.0883 | 0.42 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | chrysene | mg/kg | 26 | 41 | 63 | 0.0014 | 2.8 | 0.412 | 0.763 | 0.0012 | 0.026 | 0.698 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 marbella ave | lte05ft | cobalt | mg/kg | 41 | 41 | 100 | 5.2 | 15.1 | 10.71 | 2.361 | -- | -- | 11.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte05ft | copper | mg/kg | 41 | 41 | 100 | 7.11 | 54.3 | 19.31 | 7.448 | -- | -- | 21.34 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | ethylbenzene | µg/kg | 10 | 41 | 24 | 0.49 | 13000 | 1928 | 3999 | 0.12 | 0.24 | 1038 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 41 | 15 | 0.0028 | 0.04 | 0.0127 | 0.0145 | 0.0009 | 0.026 | 0.00623 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte05ft | lead | mg/kg | 41 | 41 | 100 | 3.62 | 144 | 10.87 | 21.53 | -- | -- | 25.53 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | naphthalene | mg/kg | 27 | 41 | 66 | 0.0009 | 25 | 2.446 | 5.853 | 0.00026 | 0.00049 | 4.943 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | pyrene | mg/kg | 32 | 41 | 78 | 0.0008 | 10 | 0.897 | 2.457 | 0.0008 | 0.0065 | 2.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | toluene | µg/kg | 16 | 41 | 39 | 0.15 | 30 | 5.042 | 10.2 | 0.12 | 13 | 6.714 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | tph as diesel | mg/kg | 23 | 41 | 56 | 8.6 | 27000 | 4955 | 7944 | 4.8 | 4.8 | 7180 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | tph as gasoline | mg/kg | 12 | 41 | 29 | 0.061 | 2200 | 533.6 | 717.6 | 0.047 | 0.062 | 278.2 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 marbella ave | lte05ft | tph as motor oil | mg/kg | 27 | 41 | 66 | 9.1 | 26000 | 4295 | 7233 | 7 | 7 | 7069 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte05ft | vanadium | mg/kg | 41 | 41 | 100 | 23 | 52.5 | 38.17 | 7.189 | -- | -- | 40.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte05ft | xylenes, total | µg/kg | 9 | 41 | 22 | 0.18 | 15000 | 1802 | 4953 | 0.16 | 16 | 1041 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte05ft | zinc | mg/kg | 41 | 41 | 100 | 23 | 176 | 48.19 | 22.69 | -- | -- | 54.57 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 51 | 35 | 0.12 | 38000 | 4453 | 10278 | 0.091 | 0.18 | 3094 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 51 | 22 | 0.18 | 3700 | 714.7 | 1299 | 0.077 | 8.8 | 313.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 27 | 51 | 53 | 0.0013 | 43 | 8.388 | 11.65 | 0.0011 | 0.043 | 10.23 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 39 | 51 | 76 | 0.0006 | 62 | 8.882 | 15.47 | 0.0006 | 0.012 | 15.37 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | antimony | mg/kg | 25 | 51 | 49 | 0.246 | 2.41 | 0.604 | 0.42 | 0.219 | 0.219 | 0.509 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 marbella ave | lte10ft | arsenic | mg/kg | 51 | 51 | 100 | 2.1 | 14.8 | 5.258 | 2.51 | -- | -- | 5.865 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24612 marbella ave | lte10ft | bap teq | mg/kg | 35 | 51 | 69 | 0.000967 | 0.803 | 0.127 | 0.213 | 0.00053 | 0.0228 | 0.201 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | benzene | µg/kg | 24 | 51 | 47 | 0.13 | 5900 | 618.8 | 1426 | 0.11 | 11 | 918.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 29 | 51 | 57 | 0.001 | 1 | 0.205 | 0.318 | 0.0007 | 0.026 | 0.181 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 25 | 51 | 49 | 0.0006 | 0.61 | 0.129 | 0.186 | 0.0005 | 0.026 | 0.0981 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 51 | 16 | 0.0006 | 0.23 | 0.0566 | 0.0836 | 0.0004 | 0.026 | 0.0188 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 8 | 51 | 16 | 0.18 | 0.89 | 0.64 | 0.275 | 0.079 | 1.7 | 0.617 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte10ft | cadmium | mg/kg | 27 | 51 | 53 | 0.0964 | 3.08 | 0.38 | 0.545 | 0.0883 | 0.0883 | 0.364 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | chrysene | mg/kg | 33 | 51 | 65 | 0.0014 | 2.8 | 0.446 | 0.75 | 0.0012 | 0.026 | 0.461 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24612 marbella ave | lte10ft | cobalt | mg/kg | 51 | 51 | 100 | 5.09 | 15.1 | 10.14 | 2.704 | -- | -- | 10.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte10ft | copper | mg/kg | 51 | 51 | 100 | 6.61 | 54.3 | 18.31 | 7.482 | -- | -- | 20.12 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | ethylbenzene | µg/kg | 16 | 51 | 31 | 0.45 | 15000 | 4286 | 5370 | 0.12 | 13 | 2200 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 51 | 12 | 0.0028 | 0.04 | 0.0127 | 0.0145 | 0.0009 | 0.026 | 0.00558 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte10ft | lead | mg/kg | 51 | 51 | 100 | 2.7 | 144 | 9.61 | 19.44 | -- | -- | 21.48 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | naphthalene | mg/kg | 35 | 51 | 69 | 0.0009 | 25 | 4.164 | 6.858 | 0.00026 | 0.00049 | 6.526 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | pyrene | mg/kg | 36 | 51 | 71 | 0.0008 | 10 | 1.19 | 2.754 | 0.0008 | 0.013 | 2.292 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | toluene | µg/kg | 20 | 51 | 39 | 0.15 | 30 | 6.315 | 10.73 | 0.12 | 17 | 7.089 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | tph as diesel | mg/kg | 31 | 51 | 61 | 8.6 | 27000 | 5772 | 7241 | 4.8 | 4.8 | 7375 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | tph as gasoline | mg/kg | 20 | 51 | 39 | 0.061 | 5700 | 954 | 1429 | 0.047 | 0.062 | 612.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte10ft | tph as motor oil | mg/kg | 35 | 51 | 69 | 9.1 | 26000 | 5036 | 6711 | 7 | 7 | 7147 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 marbella ave | lte10ft | vanadium | mg/kg | 51 | 51 | 100 | 20.6 | 52.5 | 36.66 | 8.105 | -- | -- | 38.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 marbella ave | lte10ft | xylenes, total | µg/kg | 12 | 51 | 24 | 0.18 | 15000 | 1788 | 4292 | 0.16 | 19 | 943.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 marbella ave | lte10ft | zinc | mg/kg | 51 | 51 | 100 | 23 | 176 | 45.37 | 21.46 | -- | -- | 50.73 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 25 | 76 | 1.3 | 25000 | 2693 | 6060 | 0.087 | 0.6 | 6766 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 25 | 48 | 55 | 5400 | 935.1 | 1713 | 0.073 | 510 | 935.8 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 22 | 25 | 88 | 0.0017 | 54 | 11.48 | 13.63 | 0.001 | 0.0011 | 21.73 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 22 | 25 | 88 | 0.0013 | 81 | 15.97 | 20.65 | 0.0006 | 0.045 | 31.56 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | antimony | mg/kg | 8 | 25 | 32 | 0.191 | 1.13 | 0.601 | 0.281 | 0.149 | 0.306 | 0.535 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | arsenic | mg/kg | 25 | 25 | 100 | 3.14 | 5.68 | 4.466 | 0.669 | -- | -- | 4.695 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | bap teq | mg/kg | 20 | 25 | 80 | 0.0004788 | 1.972 | 0.593 | 0.667 | 0.0004723 | 0.103 | 1.036 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | benzene | µg/kg | 14 | 25 | 56 | 0.15 | 2300 | 392.5 | 620.7 | 0.096 | 12 | 447.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 15 | 25 | 60 | 0.0055 | 2.7 | 0.798 | 0.913 | 0.0007 | 3.1 | 0.813 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 13 | 25 | 52 | 0.0033 | 1.5 | 0.437 | 0.512 | 0.0005 | 1.7 | 0.411 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | chrysene | mg/kg | 20 | 25 | 80 | 0.00094 | 4 | 1.308 | 1.357 | 0.00058 | 0.24 | 2.204 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | cobalt | mg/kg | 25 | 25 | 100 | 3.42 | 9.72 | 5.965 | 1.391 | -- | -- | 6.441 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | copper | mg/kg | 25 | 25 | 100 | 4.12 | 9.7 | 7.608 | 1.369 | -- | -- | 8.076 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 20 | 25 | 80 | 0.39 | 10000 | 2782 | 3398 | 0.11 | 0.15 | 5056 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | lead | mg/kg | 25 | 25 | 100 | 2 | 9.09 | 4.886 | 1.757 | -- | -- | 5.487 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | naphthalene | mg/kg | 22 | 25 | 88 | 0.0026 | 31 | 6.821 | 8.031 | 0.00027 | 0.00083 | 12.86 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | pyrene | mg/kg | 23 | 25 | 92 | 0.0015 | 14 | 3.068 | 4.129 | 0.00049 | 0.00049 | 6.354 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | thallium | mg/kg | 13 | 25 | 52 | 0.266 | 0.575 | 0.399 | 0.103 | 0.152 | 0.232 | 0.377 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | toluene | µg/kg | 5 | 25 | 20 | 0.68 | 740 | 168.1 | 320.3 | 0.11 | 470 | 90.66 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 21 | 25 | 84 | 8.2 | 22000 | 8578 | 6695 | 4.8 | 4.8 | 9578 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 22 | 25 | 88 | 0.058 | 1700 | 592 | 572.7 | 0.046 | 0.05 | 1020 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 21 | 25 | 84 | 7.2 | 24000 | 10064 | 7929 | 7 | 7 | 11258 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | vanadium | mg/kg | 25 | 25 | 100 | 14.2 | 31.7 | 25.09 | 4.804 | -- | -- | 26.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 20 | 25 | 80 | 0.63 | 11000 | 1313 | 2454 | 0.15 | 0.57 | 3021 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | gt05lte10ft | zinc | mg/kg | 25 | 25 | 100 | 18.5 | 140 | 34.9 | 25.3 | -- | -- | 44.16 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 22 | 32 | 0.14 | 3600 | 905.3 | 1265 | 0.087 | 0.55 | 598.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 22 | 64 | 0.0026 | 23 | 6.182 | 7.85 | 0.0011 | 0.043 | 6.429 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 22 | 91 | 0.0007 | 33 | 5.093 | 9.784 | 0.0045 | 0.012 | 13.41 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte05ft | antimony | mg/kg | 10 | 22 | 45 | 0.336 | 1.07 | 0.766 | 0.282 | 0.149 | 0.306 | 0.692 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 2.04 | 9.42 | 5.148 | 2.075 | -- | -- | 5.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | lte05ft | bap teq | mg/kg | 21 | 22 | 95 | 0.000569 | 0.481 | 0.094 | 0.12 | 0.931 | 0.931 | 0.208 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | benzene | µg/kg | 13 | 22 | 59 | 0.11 | 1300 | 126 | 357 | 0.1 | 12 | 336.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 22 | 86 | 0.0013 | 0.4 | 0.105 | 0.124 | 0.0007 | 1.6 | 0.22 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 18 | 22 | 82 | 0.0008 | 0.18 | 0.0576 | 0.0605 | 0.0005 | 1 | 0.111 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 22 | 73 | 0.0005 | 0.066 | 0.0196 | 0.0205 | 0.002 | 1 | 0.039 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 22 | 27 | 0.0015 | 0.058 | 0.0136 | 0.0221 | 0.0007 | 1.4 | 0.0131 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | chrysene | mg/kg | 21 | 22 | 95 | 0.0015 | 1.2 | 0.278 | 0.343 | 1.2 | 1.2 | 0.597 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 6.42 | 9.86 | 7.591 | 0.978 | -- | -- | 7.954 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 6.19 | 105 | 14.45 | 20.36 | -- | -- | 33.38 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte05ft | ethylbenzene | µg/kg | 13 | 22 | 59 | 0.13 | 5700 | 1167 | 2041 | 0.12 | 0.13 | 1312 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 22 | 23 | 0.00064 | 0.012 | 0.00525 | 0.00489 | 0.0009 | 1.1 | 0.0064 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 3.51 | 17.2 | 6.886 | 3.639 | -- | -- | 8.272 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte05ft | naphthalene | mg/kg | 16 | 22 | 73 | 0.00035 | 14 | 2.96 | 5.001 | 0.00024 | 0.00072 | 6.314 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | pyrene | mg/kg | 22 | 22 | 100 | 0.0032 | 3.1 | 0.727 | 0.992 | -- | -- | 1.556 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | thallium | mg/kg | 5 | 22 | 23 | 0.225 | 0.411 | 0.352 | 0.0762 | 0.152 | 0.232 | 0.394 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24612 neptune ave | lte05ft | tph as diesel | mg/kg | 19 | 22 | 86 | 23 | 13000 | 2883 | 3540 | 4.8 | 4.8 | 5691 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 neptune ave | lte05ft | tph as gasoline | mg/kg | 13 | 22 | 59 | 0.064 | 2000 | 359.7 | 621.7 | 0.042 | 0.053 | 413.3 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 neptune ave | lte05ft | tph as motor oil | mg/kg | 19 | 22 | 86 | 38 | 15000 | 3252 | 3983 | 7 | 7 | 6411 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 20.2 | 36.4 | 28.9 | 3.319 | -- | -- | 30.12 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte05ft | xylenes, total | µg/kg | 8 | 22 | 36 | 0.58 | 1900 | 465.5 | 644.3 | 0.15 | 17 | 337 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 20.9 | 53.6 | 30.65 | 6.527 | -- | -- | 33.01 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 26 | 47 | 55 | 0.14 | 25000 | 2212 | 5242 | 0.087 | 0.6 | 2445 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 16 | 47 | 34 | 55 | 5400 | 790.6 | 1499 | 0.073 | 510 | 583.9 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 36 | 47 | 77 | 0.0017 | 54 | 9.417 | 11.88 | 0.001 | 0.043 | 14.31 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 42 | 47 | 89 | 0.0007 | 81 | 10.79 | 17.11 | 0.0006 | 0.045 | 20.15 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 neptune ave | lte10ft | antimony | mg/kg | 18 | 47 | 38 | 0.191 | 1.13 | 0.692 | 0.286 | 0.149 | 0.306 | 0.541 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | lte10ft | arsenic | mg/kg | 47 | 47 | 100 | 2.04 | 9.42 | 4.786 | 1.522 | -- | -- | 5.167 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | bap teq | mg/kg | 41 | 47 | 87 | 0.0004788 | 1.972 | 0.337 | 0.531 | 0.0004723 | 0.931 | 0.62 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | benzene | µg/kg | 27 | 47 | 57 | 0.11 | 2300 | 264.1 | 519.5 | 0.096 | 12 | 416 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 34 | 47 | 72 | 0.0013 | 2.7 | 0.41 | 0.696 | 0.0007 | 3.1 | 0.715 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 31 | 47 | 66 | 0.0008 | 1.5 | 0.217 | 0.378 | 0.0005 | 1.7 | 0.239 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 47 | 43 | 0.0005 | 0.48 | 0.046 | 0.106 | 0.0004 | 1.7 | 0.0477 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 47 | 15 | 0.0015 | 0.058 | 0.0119 | 0.0206 | 0.0007 | 2.2 | 0.00849 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 neptune ave | lte10ft | chrysene | mg/kg | 41 | 47 | 87 | 0.00094 | 4 | 0.78 | 1.098 | 0.00058 | 1.2 | 1.358 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | cobalt | mg/kg | 47 | 47 | 100 | 3.42 | 9.86 | 6.726 | 1.456 | -- | -- | 7.083 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | lte10ft | copper | mg/kg | 47 | 47 | 100 | 4.12 | 105 | 10.81 | 14.22 | -- | -- | 14.63 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte10ft | ethylbenzene | µg/kg | 33 | 47 | 70 | 0.13 | 10000 | 2146 | 3010 | 0.11 | 0.15 | 3231 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 47 | 15 | 0.00064 | 0.02 | 0.00695 | 0.00708 | 0.00053 | 2 | 0.00565 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | lte10ft | lead | mg/kg | 47 | 47 | 100 | 2 | 17.2 | 5.822 | 2.945 | -- | -- | 6.489 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 neptune ave | lte10ft | naphthalene | mg/kg | 38 | 47 | 81 | 0.00035 | 31 | 5.195 | 7.105 | 0.00024 | 0.00083 | 8.47 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 neptune ave | lte10ft | pyrene | mg/kg | 45 | 47 | 96 | 0.0015 | 14 | 1.924 | 3.224 | 0.00049 | 0.00049 | 3.863 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | tert-butyl alcohol (tba) | µg/kg | 5 | 47 | 11 | 4.6 | 11 | 6.74 | 2.561 | 4.1 | 4800 | 7.057 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | lte10ft | thallium | mg/kg | 18 | 47 | 38 | 0.225 | 0.575 | 0.386 | 0.0962 | 0.152 | 0.232 | 0.337 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 neptune ave | lte10ft | toluene | µg/kg | 9 | 47 | 19 | 0.13 | 740 | 93.48 | 243.2 | 0.11 | 470 | 46.16 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 neptune ave | lte10ft | tph as diesel | mg/kg | 40 | 47 | 85 | 8.2 | 22000 | 5873 | 6088 | 4.8 | 4.8 | 8815 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte10ft | tph as gasoline | mg/kg | 35 | 47 | 74 | 0.058 | 2000 | 505.7 | 593.3 | 0.042 | 0.053 | 731.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte10ft | tph as motor oil | mg/kg | 40 | 47 | 85 | 7.2 | 24000 | 6828 | 7171 | 7 | 7 | 10300 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | vanadium | mg/kg | 47 | 47 | 100 | 14.2 | 36.4 | 26.88 | 4.557 | -- | -- | 27.99 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 neptune ave | lte10ft | xylenes, total | µg/kg | 28 | 47 | 60 | 0.58 | 11000 | 1071 | 2120 | 0.15 | 17 | 1051 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 neptune ave | lte10ft | zinc | mg/kg | 47 | 47 | 100 | 18.5 | 140 | 32.91 | 18.92 | -- | -- | 37.85 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 9 | 67 | 13 | 78 | 29.83 | 24.76 | 0.46 | 0.53 | 37.56 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 9 | 67 | 2.4 | 11 | 4.517 | 3.288 | 0.43 | 0.5 | 5.633 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 9 | 67 | 0.047 | 4.9 | 1.215 | 1.908 | 0.001 | 0.001 | 1.807 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 9 | 67 | 0.11 | 4.8 | 1.057 | 1.842 | 0.0009 | 0.0009 | 1.813 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 1.78 | 6.13 | 3.563 | 1.46 | -- | -- | 4.469 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | bap teq | mg/kg | 7 | 9 | 78 | 0.0004756 | 1.647 | 0.395 | 0.568 | 0.0004723 | 0.0004723 | 1.079 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | benzene | µg/kg | 7 | 9 | 78 | 0.14 | 7.1 | 2.494 | 2.414 | 0.1 | 0.11 | 3.445 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 9 | 67 | 0.046 | 1.9 | 0.551 | 0.677 | 0.00078 | 0.00078 | 0.817 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 9 | 67 | 0.03 | 1.2 | 0.331 | 0.433 | 0.00051 | 0.00051 | 0.544 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 9 | 67 | 0.015 | 0.57 | 0.158 | 0.205 | 0.00051 | 0.00051 | 0.25 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 9 | 56 | 0.0057 | 0.46 | 0.12 | 0.191 | 0.0007 | 0.07 | 0.187 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | cadmium | mg/kg | 6 | 9 | 67 | 0.195 | 0.429 | 0.316 | 0.0918 | 0.135 | 0.135 | 0.347 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | chrysene | mg/kg | 7 | 9 | 78 | 0.00062 | 3.9 | 1.126 | 1.303 | 0.00058 | 0.00058 | 2.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 5.71 | 8.68 | 6.92 | 1.134 | -- | -- | 7.623 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.5 | 14.8 | 9.176 | 2.201 | -- | -- | 10.64 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 9 | 67 | 0.0076 | 0.24 | 0.0739 | 0.0846 | 0.00052 | 0.00052 | 0.117 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 6 | 9 | 67 | 2.3 | 35 | 17.83 | 12.66 | 0.12 | 0.14 | 21.44 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 9 | 67 | 0.01 | 0.33 | 0.0967 | 0.118 | 0.00053 | 0.00053 | 0.139 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 4.67 | 74.3 | 17.58 | 22.6 | -- | -- | 36.34 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | naphthalene | mg/kg | 7 | 9 | 78 | 0.015 | 1.4 | 0.243 | 0.511 | 0.00063 | 0.00067 | 0.864 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | pyrene | mg/kg | 7 | 9 | 78 | 0.00072 | 16 | 3.377 | 5.702 | 0.00049 | 0.00049 | 10.26 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | tert-butyl alcohol (tba) | µg/kg | 7 | 9 | 78 | 5 | 9.5 | 7.186 | 1.623 | 4 | 4.2 | 7.8 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | toluene | µg/kg | 6 | 9 | 67 | 0.5 | 2.8 | 1.565 | 1.027 | 0.4 | 0.47 | 1.911 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | tph as diesel | mg/kg | 6 | 9 | 67 | 160 | 3900 | 1925 | 1559 | 4.8 | 4.8 | 2416 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24612 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 6 | 9 | 67 | 0.28 | 1.6 | 0.61 | 0.49 | 0.039 | 0.043 | 0.817 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 6 | 9 | 67 | 280 | 5700 | 3230 | 2386 | 7 | 7 | 3867 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 20.3 | 37.5 | 27.42 | 6.859 | -- | -- | 31.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 9 | 67 | 6.6 | 35 | 16.25 | 10.96 | 0.43 | 0.5 | 19.38 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 25.5 | 43.8 | 34.21 | 7.183 | -- | -- | 38.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 14 | 43 | 0.0012 | 0.026 | 0.00597 | 0.00984 | 0.001 | 0.01 | 0.00722 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 14 | 64 | 0.0013 | 0.08 | 0.0146 | 0.025 | 0.0009 | 0.0036 | 0.0345 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte02ft | antimony | mg/kg | 8 | 14 | 57 | 0.175 | 0.827 | 0.55 | 0.257 | 0.149 | 0.149 | 0.562 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 2 | 10.2 | 4.831 | 3.199 | -- | -- | 8.557 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.0004834 | 0.116 | 0.0187 | 0.033 | -- | -- | 0.0476 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte02ft | benzene | µg/kg | 10 | 14 | 71 | 0.12 | 0.38 | 0.257 | 0.0799 | 0.1 | 0.11 | 0.279 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 14 | 79 | 0.0011 | 0.17 | 0.0285 | 0.0508 | 0.00078 | 0.00078 | 0.0769 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 14 | 79 | 0.00077 | 0.079 | 0.0164 | 0.0248 | 0.00051 | 0.00051 | 0.0398 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 14 | 71 | 0.00076 | 0.039 | 0.0106 | 0.0131 | 0.00051 | 0.00051 | 0.0217 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 14 | 57 | 0.0011 | 0.022 | 0.00689 | 0.00778 | 0.0007 | 0.0028 | 0.00812 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte02ft | cadmium | mg/kg | 13 | 14 | 93 | 0.187 | 0.514 | 0.319 | 0.105 | 0.135 | 0.135 | 0.36 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.0014 | 0.48 | 0.0616 | 0.129 | -- | -- | 0.165 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 panama ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 4.63 | 7.54 | 6.162 | 0.71 | -- | -- | 6.498 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 6.89 | 17.8 | 11.04 | 3.604 | -- | -- | 12.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 9 | 14 | 64 | 0.0012 | 0.019 | 0.00537 | 0.00625 | 0.00052 | 0.00052 | 0.00669 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 14 | 64 | 0.0015 | 0.026 | 0.00777 | 0.00892 | 0.00053 | 0.00053 | 0.0102 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 3.39 | 22.8 | 7.413 | 5.21 | -- | -- | 10 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte02ft | naphthalene | mg/kg | 9 | 14 | 64 | 0.0015 | 0.3 | 0.0458 | 0.0987 | 0.00065 | 0.0007 | 0.126 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.00092 | 0.62 | 0.0614 | 0.164 | -- | -- | 0.253 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte02ft | tph as diesel | mg/kg | 7 | 14 | 50 | 6.4 | 330 | 80.91 | 115.6 | 4.8 | 4.8 | 86.77 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte02ft | tph as motor oil | mg/kg | 8 | 14 | 57 | 13 | 990 | 221.8 | 329.8 | 7 | 7 | 289 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 18.9 | 30.5 | 23.53 | 4.406 | -- | -- | 25.64 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 23 | 42.1 | 30.94 | 5.808 | -- | -- | 33.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 13 | 24 | 54 | 0.0012 | 12 | 2.266 | 4.337 | 0.001 | 0.01 | 4.254 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 17 | 24 | 71 | 0.0013 | 18 | 2.226 | 5.603 | 0.0009 | 0.0036 | 5.874 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte05ft | antimony | mg/kg | 13 | 24 | 54 | 0.154 | 0.827 | 0.47 | 0.247 | 0.149 | 0.149 | 0.422 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 1.83 | 10.2 | 4.198 | 2.624 | -- | -- | 5.151 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 panama ave | lte05ft | bap teq | mg/kg | 23 | 24 | 96 | 0.0004794 | 1.203 | 0.0887 | 0.25 | 0.0004723 | 0.0004723 | 0.303 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte05ft | benzene | µg/kg | 17 | 24 | 71 | 0.12 | 25 | 1.798 | 5.989 | 0.1 | 0.11 | 5.848 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 17 | 24 | 71 | 0.0011 | 1.4 | 0.114 | 0.336 | 0.00078 | 0.31 | 0.339 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 24 | 71 | 0.00077 | 0.95 | 0.0774 | 0.228 | 0.00051 | 0.17 | 0.23 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 24 | 67 | 0.00066 | 0.28 | 0.0301 | 0.0693 | 0.00051 | 0.17 | 0.0732 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 24 | 42 | 0.0011 | 0.024 | 0.00829 | 0.00886 | 0.0007 | 0.28 | 0.00727 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte05ft | cadmium | mg/kg | 19 | 24 | 79 | 0.187 | 0.514 | 0.314 | 0.0892 | 0.135 | 0.135 | 0.321 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte05ft | chrysene | mg/kg | 23 | 24 | 96 | 0.001 | 2.5 | 0.226 | 0.536 | 0.00058 | 0.00058 | 0.685 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 4.63 | 8.62 | 6.423 | 0.8 | -- | -- | 6.703 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 5.89 | 17.8 | 9.997 | 3.206 | -- | -- | 11.15 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 24 | 50 | 0.0012 | 0.02 | 0.00613 | 0.00697 | 0.00052 | 0.21 | 0.00627 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte05ft | ethylbenzene | µg/kg | 7 | 24 | 29 | 0.17 | 1500 | 215.2 | 566.5 | 0.12 | 0.15 | 350.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 24 | 54 | 0.0015 | 0.04 | 0.00956 | 0.0118 | 0.00053 | 0.21 | 0.0161 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 3.39 | 22.8 | 7.306 | 4.923 | -- | -- | 11.69 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte05ft | naphthalene | mg/kg | 16 | 24 | 67 | 0.0014 | 5.3 | 0.694 | 1.693 | 0.00064 | 0.00071 | 1.729 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte05ft | pyrene | mg/kg | 23 | 24 | 96 | 0.0005 | 8.9 | 0.633 | 1.887 | 0.00049 | 0.00049 | 2.254 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte05ft | tph as diesel | mg/kg | 14 | 24 | 58 | 6.4 | 6400 | 934.7 | 1739 | 4.8 | 4.8 | 1015 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte05ft | tph as gasoline | mg/kg | 9 | 24 | 38 | 0.045 | 590 | 65.91 | 196.5 | 0.038 | 0.048 | 136 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte05ft | tph as motor oil | mg/kg | 15 | 24 | 63 | 13 | 7900 | 1181 | 2170 | 7 | 7 | 1473 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 18.9 | 32.4 | 24.33 | 4.514 | -- | -- | 25.99 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 panama ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 22.8 | 42.1 | 30.13 | 5.361 | -- | -- | 32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 33 | 27 | 8.3 | 190 | 43.14 | 59.1 | 0.46 | 0.57 | 28.12 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 33 | 27 | 2.4 | 71 | 11.68 | 22.4 | 0.43 | 0.53 | 9.327 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 19 | 33 | 58 | 0.0012 | 12 | 1.934 | 3.715 | 0.001 | 0.01 | 2.059 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 23 | 33 | 70 | 0.0013 | 18 | 1.921 | 4.887 | 0.0009 | 0.0036 | 4.509 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte10ft | antimony | mg/kg | 15 | 33 | 45 | 0.154 | 0.827 | 0.492 | 0.236 | 0.149 | 0.149 | 0.391 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 1.78 | 10.2 | 4.025 | 2.359 | -- | -- | 4.718 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24612 panama ave | lte10ft | bap teq | mg/kg | 30 | 33 | 91 | 0.0004756 | 1.647 | 0.16 | 0.363 | 0.0004723 | 0.0004723 | 0.41 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte10ft | benzene | µg/kg | 24 | 33 | 73 | 0.12 | 25 | 2.001 | 5.155 | 0.1 | 0.11 | 4.887 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 23 | 33 | 70 | 0.0011 | 1.9 | 0.228 | 0.474 | 0.00078 | 0.31 | 0.472 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 33 | 70 | 0.00077 | 1.2 | 0.144 | 0.306 | 0.00051 | 0.17 | 0.301 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 22 | 33 | 67 | 0.00066 | 0.57 | 0.0648 | 0.13 | 0.00051 | 0.17 | 0.129 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 33 | 45 | 0.0011 | 0.46 | 0.0456 | 0.116 | 0.0007 | 0.28 | 0.0464 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 panama ave | lte10ft | cadmium | mg/kg | 25 | 33 | 76 | 0.187 | 0.514 | 0.314 | 0.0879 | 0.135 | 0.135 | 0.311 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte10ft | chrysene | mg/kg | 30 | 33 | 91 | 0.00062 | 3.9 | 0.436 | 0.848 | 0.00058 | 0.00058 | 1.018 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 panama ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 4.63 | 8.68 | 6.559 | 0.912 | -- | -- | 6.828 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 5.89 | 17.8 | 9.773 | 2.956 | -- | -- | 10.67 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 18 | 33 | 55 | 0.0012 | 0.24 | 0.0287 | 0.0567 | 0.00052 | 0.21 | 0.051 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte10ft | ethylbenzene | µg/kg | 13 | 33 | 39 | 0.17 | 1500 | 124.1 | 413.6 | 0.12 | 0.15 | 251.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 33 | 58 | 0.0015 | 0.33 | 0.0371 | 0.0755 | 0.00053 | 0.21 | 0.0425 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 panama ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 3.39 | 74.3 | 10.11 | 12.91 | -- | -- | 19.91 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte10ft | naphthalene | mg/kg | 23 | 33 | 70 | 0.0014 | 5.3 | 0.557 | 1.439 | 0.00063 | 0.00071 | 1.321 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte10ft | pyrene | mg/kg | 30 | 33 | 91 | 0.0005 | 16 | 1.273 | 3.29 | 0.00049 | 0.00049 | 3.554 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 panama ave | lte10ft | tert-butyl alcohol (tba) | µg/kg | 9 | 33 | 27 | 4.1 | 9.5 | 6.689 | 1.769 | 4 | 440 | 6.412 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte10ft | thallium | mg/kg | 5 | 33 | 15 | 0.183 | 0.341 | 0.245 | 0.0646 | 0.152 | 0.152 | 0.239 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 panama ave | lte10ft | toluene | µg/kg | 9 | 33 | 27 | 0.44 | 2.8 | 1.211 | 0.97 | 0.4 | 44 | 0.878 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte10ft | tph as diesel | mg/kg | 20 | 33 | 61 | 6.4 | 6400 | 1232 | 1710 | 4.8 | 4.8 | 1219 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte10ft | tph as gasoline | mg/kg | 15 | 33 | 45 | 0.045 | 590 | 39.79 | 152.2 | 0.038 | 0.048 | 97.52 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte10ft | tph as motor oil | mg/kg | 21 | 33 | 64 | 13 | 7900 | 1766 | 2371 | 7 | 7 | 1788 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 18.9 | 37.5 | 25.18 | 5.325 | -- | -- | 26.76 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 panama ave | lte10ft | xylenes, total | µg/kg | 9 | 33 | 27 | 1.8 | 130 | 25.93 | 40.39 | 0.43 | 0.54 | 15.45 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 panama ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 22.8 | 43.8 | 31.24 | 6.08 | -- | -- | 33.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 11 | 73 | 0.51 | 43 | 19.68 | 16.68 | 0.087 | 0.1 | 23.68 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 11 | 73 | 0.14 | 15 | 4.255 | 4.72 | 0.074 | 0.088 | 9.017 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 11 | 73 | 0.0075 | 0.25 | 0.0642 | 0.08 | 0.0011 | 0.0011 | 0.145 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 11 | 73 | 0.012 | 0.36 | 0.0899 | 0.115 | 0.0006 | 0.0006 | 0.206 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 2.66 | 5.75 | 4.312 | 0.863 | -- | -- | 4.783 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | bap teq | mg/kg | 8 | 11 | 73 | 0.0017 | 0.0483 | 0.0155 | 0.0157 | 0.00053 | 0.00053 | 0.0199 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | benzene | µg/kg | 8 | 11 | 73 | 0.1 | 4.2 | 2.193 | 1.758 | 0.11 | 0.13 | 2.678 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 11 | 73 | 0.0018 | 0.049 | 0.015 | 0.0158 | 0.0007 | 0.0007 | 0.0195 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 11 | 73 | 0.0012 | 0.036 | 0.0115 | 0.0117 | 0.0005 | 0.0005 | 0.0148 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 11 | 73 | 0.0005 | 0.019 | 0.0059 | 0.00611 | 0.0004 | 0.0004 | 0.0076 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | chrysene | mg/kg | 8 | 11 | 73 | 0.0033 | 0.16 | 0.0526 | 0.058 | 0.0012 | 0.0012 | 0.069 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 2.99 | 6.08 | 4.219 | 0.842 | -- | -- | 4.679 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 3.67 | 8.9 | 5.855 | 1.553 | -- | -- | 6.704 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 11 | 45 | 0.0012 | 0.007 | 0.00374 | 0.00224 | 0.0007 | 0.0007 | 0.00418 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 11 | 73 | 0.82 | 52 | 14.32 | 16.75 | 0.12 | 0.14 | 31.22 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 11 | 45 | 0.002 | 0.0098 | 0.00484 | 0.00302 | 0.0009 | 0.0009 | 0.00534 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 2.74 | 7.99 | 4.522 | 1.335 | -- | -- | 5.291 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 9 | 11 | 82 | 0.001 | 0.076 | 0.0327 | 0.0255 | 0.00024 | 0.00028 | 0.0413 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | pyrene | mg/kg | 10 | 11 | 91 | 0.001 | 0.11 | 0.0257 | 0.0341 | 0.0008 | 0.0008 | 0.0672 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 11 | 73 | 19 | 970 | 180.6 | 321.2 | 4.8 | 4.8 | 510.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 11 | 73 | 0.19 | 4.1 | 2.099 | 1.589 | 0.046 | 0.05 | 2.479 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 11 | 73 | 23 | 1900 | 331.6 | 636.2 | 7 | 7 | 986.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 11.9 | 25.1 | 18.11 | 3.92 | -- | -- | 20.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 8 | 11 | 73 | 0.64 | 24 | 7.87 | 8.224 | 0.15 | 0.18 | 10.17 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 16.1 | 27.8 | 19.74 | 3.632 | -- | -- | 21.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 20 | 30 | 0.11 | 0.33 | 0.208 | 0.0747 | 0.086 | 0.11 | 0.204 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 20 | 45 | 0.0015 | 0.032 | 0.00842 | 0.00999 | 0.0011 | 0.021 | 0.00772 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 20 | 90 | 0.0006 | 0.11 | 0.0154 | 0.027 | 0.0006 | 0.0006 | 0.0393 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | lte02ft | antimony | mg/kg | 10 | 20 | 50 | 0.311 | 1.08 | 0.488 | 0.231 | 0.306 | 0.306 | 0.472 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 2.24 | 12.1 | 6.605 | 3.023 | -- | -- | 7.773 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte02ft | bap teq | mg/kg | 16 | 20 | 80 | 0.00149 | 0.157 | 0.0348 | 0.0468 | 0.00053 | 0.00053 | 0.0711 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | benzene | µg/kg | 19 | 20 | 95 | 0.12 | 1 | 0.373 | 0.231 | 0.1 | 0.1 | 0.454 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 20 | 80 | 0.0016 | 0.16 | 0.0281 | 0.0445 | 0.0007 | 0.0007 | 0.063 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 20 | 80 | 0.001 | 0.11 | 0.0256 | 0.0341 | 0.0005 | 0.0005 | 0.052 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24612 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 20 | 80 | 0.0007 | 0.052 | 0.0143 | 0.0174 | 0.0004 | 0.0004 | 0.0277 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 20 | 30 | 0.0011 | 0.029 | 0.00985 | 0.0102 | 0.0011 | 0.023 | 0.00967 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte02ft | cadmium | mg/kg | 14 | 20 | 70 | 0.115 | 0.351 | 0.17 | 0.0595 | 0.0883 | 0.0883 | 0.177 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | chrysene | mg/kg | 16 | 20 | 80 | 0.0025 | 0.48 | 0.0913 | 0.142 | 0.0012 | 0.0012 | 0.202 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 5.39 | 8 | 6.68 | 0.77 | -- | -- | 6.978 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 5.47 | 16.1 | 11.24 | 3.095 | -- | -- | 12.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 11 | 20 | 55 | 0.0017 | 0.04 | 0.0101 | 0.0112 | 0.0007 | 0.0007 | 0.0105 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | ethylbenzene | µg/kg | 9 | 20 | 45 | 0.15 | 0.62 | 0.274 | 0.143 | 0.12 | 0.14 | 0.251 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 20 | 65 | 0.0011 | 0.048 | 0.0128 | 0.0136 | 0.0009 | 0.0009 | 0.0141 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 3.58 | 73.7 | 11.74 | 15.88 | -- | -- | 27.22 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte02ft | naphthalene | mg/kg | 10 | 20 | 50 | 0.00059 | 0.046 | 0.00994 | 0.0144 | 0.00024 | 0.00029 | 0.00963 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | pyrene | mg/kg | 16 | 20 | 80 | 0.0021 | 0.44 | 0.0644 | 0.12 | 0.0008 | 0.0008 | 0.16 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte02ft | toluene | µg/kg | 12 | 20 | 60 | 0.18 | 0.7 | 0.34 | 0.19 | 0.11 | 0.14 | 0.341 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte02ft | tph as diesel | mg/kg | 14 | 20 | 70 | 6.1 | 1700 | 283.2 | 458.7 | 4.8 | 4.8 | 369.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | tph as motor oil | mg/kg | 14 | 20 | 70 | 33 | 2600 | 583.3 | 736 | 7 | 7 | 684.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 18.4 | 34.2 | 25.51 | 4.605 | -- | -- | 27.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte02ft | xylenes, total | µg/kg | 5 | 20 | 25 | 0.16 | 0.52 | 0.312 | 0.147 | 0.15 | 0.18 | 0.342 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 18.8 | 40.7 | 29.3 | 5.696 | -- | -- | 31.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 35 | 37 | 0.11 | 300 | 44.25 | 94.48 | 0.086 | 9.3 | 61.98 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 35 | 17 | 0.11 | 83 | 24.91 | 33.65 | 0.073 | 7.9 | 13.59 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 19 | 35 | 54 | 0.0014 | 4 | 0.538 | 0.983 | 0.0011 | 0.043 | 0.544 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 33 | 35 | 94 | 0.0006 | 5.4 | 0.379 | 1.034 | 0.0006 | 0.0006 | 1.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | antimony | mg/kg | 12 | 35 | 34 | 0.311 | 2.21 | 0.62 | 0.544 | 0.306 | 0.306 | 0.529 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | arsenic | mg/kg | 35 | 35 | 100 | 2.24 | 15.6 | 6.561 | 3.35 | -- | -- | 7.611 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte05ft | bap teq | mg/kg | 29 | 35 | 83 | 0.00093 | 0.352 | 0.0879 | 0.0984 | 0.00053 | 0.00053 | 0.143 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte05ft | benzene | µg/kg | 27 | 35 | 77 | 0.12 | 12 | 1.094 | 2.58 | 0.1 | 11 | 2.622 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 29 | 35 | 83 | 0.0007 | 0.5 | 0.0856 | 0.118 | 0.0007 | 0.0007 | 0.153 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 29 | 35 | 83 | 0.0006 | 0.26 | 0.0663 | 0.0743 | 0.0005 | 0.0005 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 27 | 35 | 77 | 0.0007 | 0.11 | 0.0329 | 0.0317 | 0.0004 | 0.0035 | 0.0484 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 35 | 29 | 0.0011 | 0.068 | 0.0191 | 0.0201 | 0.0011 | 0.09 | 0.0111 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte05ft | cadmium | mg/kg | 25 | 35 | 71 | 0.101 | 0.605 | 0.187 | 0.11 | 0.0883 | 0.0883 | 0.195 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | chrysene | mg/kg | 29 | 35 | 83 | 0.0021 | 0.99 | 0.24 | 0.282 | 0.0012 | 0.0012 | 0.4 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte05ft | cobalt | mg/kg | 35 | 35 | 100 | 4.46 | 9.79 | 6.867 | 1.027 | -- | -- | 7.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte05ft | copper | mg/kg | 35 | 35 | 100 | 5.47 | 64.3 | 12.91 | 9.63 | -- | -- | 15.88 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 21 | 35 | 60 | 0.0017 | 0.044 | 0.0167 | 0.0136 | 0.0007 | 0.054 | 0.0148 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte05ft | ethylbenzene | µg/kg | 18 | 35 | 51 | 0.15 | 120 | 13.61 | 30.47 | 0.12 | 12 | 23.98 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 35 | 63 | 0.0011 | 0.068 | 0.0222 | 0.0198 | 0.0009 | 0.069 | 0.0212 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte05ft | lead | mg/kg | 35 | 35 | 100 | 3.58 | 141 | 16.11 | 25.45 | -- | -- | 34.86 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | naphthalene | mg/kg | 20 | 35 | 57 | 0.00059 | 1.3 | 0.176 | 0.31 | 0.00024 | 0.0036 | 0.178 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte05ft | pyrene | mg/kg | 29 | 35 | 83 | 0.0012 | 1.5 | 0.272 | 0.392 | 0.0008 | 0.0008 | 0.499 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | toluene | µg/kg | 16 | 35 | 46 | 0.18 | 1.7 | 0.439 | 0.39 | 0.11 | 13 | 0.407 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | tph as diesel | mg/kg | 26 | 35 | 74 | 6.1 | 15000 | 1405 | 2929 | 4.8 | 4.8 | 2961 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte05ft | tph as gasoline | mg/kg | 13 | 35 | 37 | 0.059 | 110 | 10.92 | 29.85 | 0.044 | 0.42 | 18.09 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | lte05ft | tph as motor oil | mg/kg | 26 | 35 | 74 | 33 | 47000 | 3070 | 9038 | 7 | 7 | 8114 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | lte05ft | vanadium | mg/kg | 35 | 35 | 100 | 18.3 | 48.2 | 27.53 | 6.73 | -- | -- | 29.46 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte05ft | xylenes, total | µg/kg | 13 | 35 | 37 | 0.16 | 80 | 10.3 | 22.21 | 0.15 | 16 | 14.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte05ft | zinc | mg/kg | 35 | 35 | 100 | 18 | 174 | 36.78 | 28.22 | -- | -- | 45.4 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 21 | 46 | 46 | 0.11 | 300 | 34.89 | 74.85 | 0.086 | 9.3 | 29.27 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 46 | 30 | 0.11 | 83 | 13.11 | 23.67 | 0.073 | 7.9 | 7.661 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 27 | 46 | 59 | 0.0014 | 4 | 0.398 | 0.848 | 0.0011 | 0.043 | 0.671 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 41 | 46 | 89 | 0.0006 | 5.4 | 0.323 | 0.933 | 0.0006 | 0.0006 | 0.858 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | lte10ft | antimony | mg/kg | 12 | 46 | 26 | 0.311 | 2.21 | 0.62 | 0.544 | 0.306 | 0.306 | 0.48 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte10ft | arsenic | mg/kg | 46 | 46 | 100 | 2.24 | 15.6 | 6.023 | 3.096 | -- | -- | 6.867 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | lte10ft | bap teq | mg/kg | 37 | 46 | 80 | 0.00093 | 0.352 | 0.0723 | 0.0922 | 0.00053 | 0.00053 | 0.115 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte10ft | benzene | µg/kg | 35 | 46 | 76 | 0.1 | 12 | 1.345 | 2.438 | 0.1 | 11 | 2.513 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 46 | 80 | 0.0007 | 0.5 | 0.0703 | 0.108 | 0.0007 | 0.0007 | 0.122 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 37 | 46 | 80 | 0.0006 | 0.26 | 0.0544 | 0.0696 | 0.0005 | 0.0005 | 0.0863 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 35 | 46 | 76 | 0.0005 | 0.11 | 0.0267 | 0.0301 | 0.0004 | 0.0035 | 0.0388 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 14 | 46 | 30 | 0.0011 | 0.068 | 0.0148 | 0.0182 | 0.0011 | 0.09 | 0.00882 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24612 ravenna ave | lte10ft | cadmium | mg/kg | 26 | 46 | 57 | 0.09 | 0.605 | 0.183 | 0.109 | 0.0883 | 0.0883 | 0.17 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte10ft | chrysene | mg/kg | 37 | 46 | 80 | 0.0021 | 0.99 | 0.199 | 0.262 | 0.0012 | 0.0012 | 0.32 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte10ft | cobalt | mg/kg | 46 | 46 | 100 | 2.99 | 9.79 | 6.233 | 1.503 | -- | -- | 6.606 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24612 ravenna ave | lte10ft | copper | mg/kg | 46 | 46 | 100 | 3.67 | 64.3 | 11.22 | 8.936 | -- | -- | 12.9 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 26 | 46 | 57 | 0.0012 | 0.044 | 0.0142 | 0.0133 | 0.0007 | 0.054 | 0.0118 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte10ft | ethylbenzene | µg/kg | 26 | 46 | 57 | 0.15 | 120 | 13.83 | 26.65 | 0.12 | 12 | 21.52 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 27 | 46 | 59 | 0.0011 | 0.068 | 0.019 | 0.0191 | 0.0009 | 0.069 | 0.0166 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte10ft | lead | mg/kg | 46 | 46 | 100 | 2.74 | 141 | 13.34 | 22.69 | -- | -- | 27.92 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte10ft | naphthalene | mg/kg | 29 | 46 | 63 | 0.00059 | 1.3 | 0.131 | 0.265 | 0.00024 | 0.0036 | 0.139 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte10ft | pyrene | mg/kg | 39 | 46 | 85 | 0.001 | 1.5 | 0.209 | 0.354 | 0.0008 | 0.0008 | 0.392 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte10ft | toluene | µg/kg | 20 | 46 | 43 | 0.17 | 1.7 | 0.448 | 0.378 | 0.11 | 13 | 0.388 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24612 ravenna ave | lte10ft | tph as diesel | mg/kg | 34 | 46 | 74 | 6.1 | 15000 | 1117 | 2607 | 4.8 | 4.8 | 2302 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24612 ravenna ave | lte10ft | tph as gasoline | mg/kg | 21 | 46 | 46 | 0.059 | 110 | 7.56 | 23.56 | 0.044 | 0.42 | 14 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | lte10ft | tph as motor oil | mg/kg | 34 | 46 | 74 | 23 | 47000 | 2426 | 7960 | 7 | 7 | 6250 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | lte10ft | vanadium | mg/kg | 46 | 46 | 100 | 11.9 | 48.2 | 25.28 | 7.358 | -- | -- | 27.17 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24612 ravenna ave | lte10ft | xylenes, total | µg/kg | 21 | 46 | 46 | 0.16 | 80 | 9.375 | 17.92 | 0.15 | 16 | 12.73 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24612 ravenna ave | lte10ft | zinc | mg/kg | 46 | 46 | 100 | 16.1 | 174 | 32.7 | 25.66 | -- | -- | 39.48 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 5.03 | 22.5 | 11.64 | 5.768 | -- | -- | 14.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 6.88 | 11.1 | 8.41 | 1.598 | -- | -- | 9.217 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 15.3 | 25.9 | 19.14 | 3.25 | -- | -- | 20.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 5.57 | 9.97 | 7.121 | 1.134 | -- | -- | 7.703 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24613 marbella ave | gt05lte10ft | toluene | µg/kg | 5 | 13 | 38 | 0.13 | 0.51 | 0.24 | 0.158 | 0.12 | 0.14 | 0.242 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 30.6 | 56 | 42.74 | 6.811 | -- | -- | 46.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 33.4 | 50.6 | 39.32 | 5.284 | -- | -- | 41.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 25 | 28 | 0.0006 | 0.012 | 0.00491 | 0.005 | 0.0006 | 0.003 | 0.00303 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte02ft | arsenic | mg/kg | 25 | 25 | 100 | 3.22 | 8.14 | 6.222 | 1.313 | -- | -- | 6.672 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte02ft | bap teq | mg/kg | 19 | 25 | 76 | 0.000565 | 0.135 | 0.0127 | 0.03 | 0.00053 | 0.00261 | 0.0331 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte02ft | benzene | µg/kg | 14 | 25 | 56 | 0.13 | 11 | 1.146 | 2.89 | 0.11 | 0.14 | 2.639 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 25 | 68 | 0.0007 | 0.056 | 0.00749 | 0.0133 | 0.0007 | 0.0033 | 0.00968 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 25 | 64 | 0.0008 | 0.12 | 0.0124 | 0.029 | 0.0005 | 0.0025 | 0.029 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 25 | 52 | 0.0008 | 0.031 | 0.00611 | 0.00792 | 0.0004 | 0.0018 | 0.00632 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte02ft | chrysene | mg/kg | 15 | 25 | 60 | 0.0012 | 0.2 | 0.0222 | 0.0501 | 0.0012 | 0.0059 | 0.0303 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte02ft | cobalt | mg/kg | 25 | 25 | 100 | 9.17 | 14.6 | 11.63 | 1.278 | -- | -- | 12.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte02ft | copper | mg/kg | 25 | 25 | 100 | 16.7 | 25.6 | 22 | 2.522 | -- | -- | 22.87 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte02ft | lead | mg/kg | 25 | 25 | 100 | 6.56 | 14.9 | 9.222 | 2.244 | -- | -- | 10 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte02ft | pyrene | mg/kg | 16 | 25 | 64 | 0.0011 | 0.34 | 0.0284 | 0.0835 | 0.0008 | 0.0041 | 0.078 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 marbella ave | lte02ft | toluene | µg/kg | 13 | 25 | 52 | 0.13 | 6.2 | 0.792 | 1.636 | 0.12 | 0.16 | 1.546 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte02ft | tph as diesel | mg/kg | 17 | 25 | 68 | 6.5 | 160 | 47.04 | 49.16 | 4.8 | 4.8 | 49.58 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte02ft | tph as gasoline | mg/kg | 9 | 25 | 36 | 0.054 | 14 | 1.622 | 4.642 | 0.046 | 0.066 | 3.144 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte02ft | tph as motor oil | mg/kg | 19 | 25 | 76 | 7.9 | 440 | 112 | 127.9 | 7 | 7 | 192.1 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte02ft | vanadium | mg/kg | 25 | 25 | 100 | 27.9 | 50 | 40.1 | 4.483 | -- | -- | 41.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte02ft | zinc | mg/kg | 25 | 25 | 100 | 37.1 | 66.4 | 52.22 | 6.905 | -- | -- | 54.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 8 | 39 | 21 | 0.0006 | 0.012 | 0.00469 | 0.00467 | 0.0006 | 0.003 | 0.00221 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte05ft | arsenic | mg/kg | 39 | 39 | 100 | 3.22 | 35.4 | 9.19 | 6.349 | -- | -- | 10.98 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte05ft | bap teq | mg/kg | 23 | 39 | 59 | 0.000565 | 0.135 | 0.0118 | 0.0274 | 0.00053 | 0.00261 | 0.0145 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte05ft | benzene | µg/kg | 18 | 39 | 46 | 0.12 | 11 | 0.955 | 2.556 | 0.1 | 0.14 | 1.065 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 39 | 54 | 0.0007 | 0.056 | 0.00705 | 0.0121 | 0.0007 | 0.0033 | 0.00707 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 39 | 51 | 0.0008 | 0.12 | 0.0109 | 0.026 | 0.0005 | 0.0025 | 0.0195 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 39 | 41 | 0.0008 | 0.031 | 0.00602 | 0.00738 | 0.0004 | 0.0018 | 0.00441 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 39 | 15 | 0.0019 | 0.01 | 0.00502 | 0.00279 | 0.0011 | 0.023 | 0.0043 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte05ft | chrysene | mg/kg | 19 | 39 | 49 | 0.0012 | 0.2 | 0.0189 | 0.0447 | 0.0012 | 0.0059 | 0.0186 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte05ft | cobalt | mg/kg | 39 | 39 | 100 | 9.17 | 26 | 12.74 | 2.748 | -- | -- | 13.42 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte05ft | copper | mg/kg | 39 | 39 | 100 | 16.7 | 35.9 | 23.69 | 4.325 | -- | -- | 24.88 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24613 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 39 | 13 | 0.001 | 0.004 | 0.00258 | 0.00136 | 0.0007 | 0.013 | 0.00239 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 39 | 13 | 0.0011 | 0.0056 | 0.00378 | 0.00175 | 0.0009 | 0.017 | 0.00449 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte05ft | lead | mg/kg | 39 | 39 | 100 | 6.56 | 14.9 | 9.266 | 1.947 | -- | -- | 9.794 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte05ft | naphthalene | mg/kg | 5 | 39 | 13 | 0.00035 | 0.0042 | 0.00173 | 0.00154 | 0.00025 | 0.00035 | 0.00135 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte05ft | pyrene | mg/kg | 22 | 39 | 56 | 0.001 | 0.34 | 0.0224 | 0.0714 | 0.0008 | 0.0041 | 0.0512 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte05ft | toluene | µg/kg | 18 | 39 | 46 | 0.12 | 6.2 | 0.64 | 1.399 | 0.11 | 0.16 | 0.667 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24613 marbella ave | lte05ft | tph as diesel | mg/kg | 18 | 39 | 46 | 6.5 | 160 | 44.82 | 48.61 | 4.8 | 4.8 | 34.56 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte05ft | tph as gasoline | mg/kg | 10 | 39 | 26 | 0.054 | 14 | 1.474 | 4.401 | 0.046 | 0.066 | 2.039 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte05ft | tph as motor oil | mg/kg | 20 | 39 | 51 | 7.9 | 440 | 108 | 125.8 | 7 | 7 | 93.56 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte05ft | vanadium | mg/kg | 39 | 39 | 100 | 27.9 | 68.5 | 42.22 | 6.819 | -- | -- | 44.1 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24613 marbella ave | lte05ft | zinc | mg/kg | 39 | 39 | 100 | 37.1 | 66.8 | 52.84 | 6.789 | -- | -- | 54.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 8 | 52 | 15 | 0.0006 | 0.012 | 0.00469 | 0.00467 | 0.0006 | 0.003 | 0.0018 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte10ft | arsenic | mg/kg | 52 | 52 | 100 | 3.22 | 35.4 | 9.803 | 6.246 | -- | -- | 11.3 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte10ft | bap teq | mg/kg | 25 | 52 | 48 | 0.000565 | 0.135 | 0.0109 | 0.0264 | 0.00053 | 0.00261 | 0.00998 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte10ft | benzene | µg/kg | 19 | 52 | 37 | 0.12 | 11 | 0.937 | 2.485 | 0.1 | 0.14 | 0.849 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 23 | 52 | 44 | 0.0007 | 0.056 | 0.00652 | 0.0117 | 0.0007 | 0.0033 | 0.00521 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 52 | 40 | 0.0007 | 0.12 | 0.0104 | 0.0254 | 0.0005 | 0.0025 | 0.0096 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 52 | 31 | 0.0008 | 0.031 | 0.00602 | 0.00738 | 0.0004 | 0.0018 | 0.00352 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 52 | 12 | 0.0019 | 0.01 | 0.00502 | 0.00279 | 0.0011 | 0.023 | 0.00426 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte10ft | chrysene | mg/kg | 20 | 52 | 38 | 0.0012 | 0.2 | 0.018 | 0.0437 | 0.0012 | 0.0059 | 0.016 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 marbella ave | lte10ft | cobalt | mg/kg | 52 | 52 | 100 | 6.88 | 26 | 11.66 | 3.132 | -- | -- | 12.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte10ft | copper | mg/kg | 52 | 52 | 100 | 15.3 | 35.9 | 22.55 | 4.515 | -- | -- | 23.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 52 | 10 | 0.001 | 0.004 | 0.00258 | 0.00136 | 0.0007 | 0.013 | 0.00226 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 52 | 10 | 0.0011 | 0.0056 | 0.00378 | 0.00175 | 0.0009 | 0.017 | 0.00447 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte10ft | lead | mg/kg | 52 | 52 | 100 | 5.57 | 14.9 | 8.73 | 2.002 | -- | -- | 9.195 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte10ft | naphthalene | mg/kg | 5 | 52 | 10 | 0.00035 | 0.0042 | 0.00173 | 0.00154 | 0.00025 | 0.00035 | 0.00121 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 marbella ave | lte10ft | pyrene | mg/kg | 25 | 52 | 48 | 0.001 | 0.34 | 0.0199 | 0.0671 | 0.0008 | 0.0041 | 0.0238 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte10ft | toluene | µg/kg | 23 | 52 | 44 | 0.12 | 6.2 | 0.553 | 1.243 | 0.11 | 0.16 | 0.536 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte10ft | tph as diesel | mg/kg | 18 | 52 | 35 | 6.5 | 160 | 44.82 | 48.61 | 4.8 | 4.8 | 27.71 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 marbella ave | lte10ft | tph as gasoline | mg/kg | 10 | 52 | 19 | 0.054 | 14 | 1.474 | 4.401 | 0.046 | 0.066 | 1.547 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 marbella ave | lte10ft | tph as motor oil | mg/kg | 22 | 52 | 42 | 7.9 | 440 | 99.68 | 122.7 | 7 | 7 | 68.17 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte10ft | vanadium | mg/kg | 52 | 52 | 100 | 27.9 | 68.5 | 42.35 | 6.754 | -- | -- | 43.91 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 marbella ave | lte10ft | zinc | mg/kg | 52 | 52 | 100 | 33.4 | 66.8 | 49.46 | 8.71 | -- | -- | 51.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 16 | 50 | 0.0026 | 3.6 | 0.458 | 1.27 | 0.0043 | 0.043 | 1.244 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 16 | 94 | 0.0031 | 33 | 2.273 | 8.504 | 0.0024 | 0.0024 | 11.12 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte02ft | antimony | mg/kg | 14 | 16 | 88 | 0.305 | 1.13 | 0.564 | 0.287 | 0.219 | 0.219 | 0.648 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.41 | 14.2 | 7.49 | 3.478 | -- | -- | 9.014 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte02ft | bap teq | mg/kg | 14 | 16 | 88 | 0.00243 | 0.124 | 0.0322 | 0.0341 | 0.00208 | 0.0021 | 0.065 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte02ft | benzene | µg/kg | 13 | 16 | 81 | 0.14 | 1 | 0.32 | 0.263 | 0.11 | 0.15 | 0.557 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 16 | 75 | 0.0037 | 0.87 | 0.0991 | 0.245 | 0.0024 | 0.0052 | 0.312 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 16 | 63 | 0.0053 | 0.058 | 0.0231 | 0.0176 | 0.002 | 0.02 | 0.0242 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 16 | 69 | 0.0036 | 0.061 | 0.0158 | 0.0186 | 0.0014 | 0.014 | 0.0203 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 neptune ave | lte02ft | cadmium | mg/kg | 13 | 16 | 81 | 0.23 | 0.333 | 0.278 | 0.0374 | 0.0883 | 0.0883 | 0.286 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte02ft | chrysene | mg/kg | 13 | 16 | 81 | 0.019 | 1.7 | 0.212 | 0.467 | 0.0024 | 0.0061 | 0.643 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.33 | 9.84 | 8.464 | 1.201 | -- | -- | 9.069 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.71 | 21 | 14.44 | 3.675 | -- | -- | 16.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 16 | 31 | 0.0021 | 0.012 | 0.00658 | 0.00423 | 0.0017 | 0.025 | 0.00681 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 5 | 17.1 | 9.44 | 4.002 | -- | -- | 11.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte02ft | naphthalene | mg/kg | 13 | 16 | 81 | 0.0013 | 7.8 | 0.682 | 2.156 | 0.00027 | 0.00029 | 2.693 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte02ft | pyrene | mg/kg | 13 | 16 | 81 | 0.0075 | 3 | 0.433 | 0.995 | 0.0024 | 0.0061 | 1.348 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 15 | 13000 | 2286 | 4211 | -- | -- | 6875 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 neptune ave | lte02ft | tph as gasoline | mg/kg | 9 | 16 | 56 | 0.056 | 0.16 | 0.106 | 0.0378 | 0.05 | 0.064 | 0.106 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 46 | 15000 | 2589 | 4587 | -- | -- | 5989 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 20.4 | 39.4 | 32.98 | 5.201 | -- | -- | 35.25 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 32.5 | 85.5 | 53.91 | 12.42 | -- | -- | 59.88 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24613 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 32 | 50 | 0.11 | 4100 | 688.5 | 1209 | 0.094 | 0.6 | 621.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 32 | 28 | 0.5 | 700 | 99.9 | 227.5 | 0.078 | 0.5 | 67.31 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 24 | 32 | 75 | 0.0026 | 14 | 3.887 | 4.697 | 0.0043 | 0.043 | 6.319 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 31 | 32 | 97 | 0.0031 | 33 | 5.387 | 8.522 | 0.0024 | 0.0024 | 11.72 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte05ft | antimony | mg/kg | 24 | 32 | 75 | 0.305 | 1.13 | 0.539 | 0.246 | 0.219 | 0.219 | 0.562 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte05ft | arsenic | mg/kg | 32 | 32 | 100 | 2.41 | 15.2 | 7.581 | 3.542 | -- | -- | 8.642 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte05ft | bap teq | mg/kg | 30 | 32 | 94 | 0.00243 | 0.644 | 0.0716 | 0.12 | 0.00208 | 0.0021 | 0.157 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte05ft | benzene | µg/kg | 28 | 32 | 88 | 0.13 | 960 | 93.66 | 215 | 0.11 | 0.15 | 238.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 26 | 32 | 81 | 0.0007 | 0.87 | 0.143 | 0.225 | 0.0024 | 0.0061 | 0.278 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 13 | 32 | 41 | 0.0053 | 0.52 | 0.0758 | 0.139 | 0.0005 | 0.025 | 0.063 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24613 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 32 | 53 | 0.0008 | 0.24 | 0.0392 | 0.0623 | 0.0012 | 0.025 | 0.0599 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 neptune ave | lte05ft | cadmium | mg/kg | 18 | 32 | 56 | 0.23 | 0.333 | 0.278 | 0.0347 | 0.0883 | 0.0883 | 0.269 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte05ft | chrysene | mg/kg | 29 | 32 | 91 | 0.019 | 2 | 0.331 | 0.485 | 0.0024 | 0.0061 | 0.664 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 neptune ave | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 5.33 | 12.1 | 8.634 | 1.332 | -- | -- | 9.033 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte05ft | copper | mg/kg | 32 | 32 | 100 | 7.71 | 21 | 14.52 | 3.913 | -- | -- | 15.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte05ft | ethylbenzene | µg/kg | 18 | 32 | 56 | 0.13 | 4500 | 995.2 | 1303 | 0.12 | 0.18 | 905 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 32 | 19 | 0.0021 | 0.037 | 0.0117 | 0.013 | 0.0009 | 0.025 | 0.00641 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte05ft | lead | mg/kg | 32 | 32 | 100 | 4.1 | 18.9 | 8.025 | 3.95 | -- | -- | 9.241 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte05ft | naphthalene | mg/kg | 28 | 32 | 88 | 0.0013 | 8.7 | 2.549 | 3.129 | 0.00027 | 0.00029 | 4.581 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte05ft | pyrene | mg/kg | 29 | 32 | 91 | 0.0017 | 5.9 | 0.757 | 1.322 | 0.0024 | 0.0061 | 1.671 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 neptune ave | lte05ft | toluene | µg/kg | 11 | 32 | 34 | 0.15 | 2.2 | 0.724 | 0.634 | 0.12 | 11 | 0.52 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte05ft | tph as diesel | mg/kg | 32 | 32 | 100 | 15 | 13000 | 3194 | 3723 | -- | -- | 5112 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte05ft | tph as gasoline | mg/kg | 25 | 32 | 78 | 0.056 | 1100 | 229.7 | 330.5 | 0.05 | 0.064 | 416.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte05ft | tph as motor oil | mg/kg | 32 | 32 | 100 | 46 | 15000 | 3343 | 4014 | -- | -- | 5049 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 20.4 | 42 | 33.17 | 4.928 | -- | -- | 34.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte05ft | xylenes, total | µg/kg | 7 | 32 | 22 | 1.6 | 1000 | 241.1 | 351.1 | 0.16 | 85 | 112.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 29 | 85.5 | 49.86 | 11.15 | -- | -- | 53.28 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 23 | 39 | 59 | 0.11 | 18000 | 3522 | 5566 | 0.094 | 0.6 | 3222 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 16 | 39 | 41 | 0.5 | 4700 | 970.6 | 1427 | 0.078 | 0.5 | 678.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 31 | 39 | 79 | 0.0026 | 67 | 12.04 | 17.71 | 0.0043 | 0.043 | 21.12 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 38 | 39 | 97 | 0.0031 | 100 | 15.89 | 25.74 | 0.0024 | 0.0024 | 33.31 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte10ft | antimony | mg/kg | 24 | 39 | 62 | 0.305 | 1.13 | 0.539 | 0.246 | 0.219 | 0.219 | 0.518 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte10ft | arsenic | mg/kg | 39 | 39 | 100 | 2.41 | 15.2 | 6.901 | 3.532 | -- | -- | 7.936 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | bap teq | mg/kg | 37 | 39 | 95 | 0.00243 | 0.879 | 0.153 | 0.228 | 0.00208 | 0.0021 | 0.303 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | benzene | µg/kg | 35 | 39 | 90 | 0.13 | 4000 | 529.2 | 992.9 | 0.11 | 0.15 | 1141 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 33 | 39 | 85 | 0.0007 | 2 | 0.377 | 0.549 | 0.0024 | 0.0061 | 0.684 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 14 | 39 | 36 | 0.0053 | 0.66 | 0.118 | 0.206 | 0.0005 | 0.025 | 0.0826 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 21 | 39 | 54 | 0.0008 | 0.48 | 0.0851 | 0.127 | 0.0012 | 0.025 | 0.0785 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 neptune ave | lte10ft | cadmium | mg/kg | 18 | 39 | 46 | 0.23 | 0.333 | 0.278 | 0.0347 | 0.0883 | 0.0883 | 0.263 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte10ft | chrysene | mg/kg | 36 | 39 | 92 | 0.019 | 5.1 | 0.872 | 1.335 | 0.0024 | 0.0061 | 1.716 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 neptune ave | lte10ft | cobalt | mg/kg | 39 | 39 | 100 | 5.33 | 12.1 | 8.436 | 1.299 | -- | -- | 8.787 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte10ft | copper | mg/kg | 39 | 39 | 100 | 7.69 | 21 | 13.4 | 4.295 | -- | -- | 14.56 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte10ft | ethylbenzene | µg/kg | 25 | 39 | 64 | 0.13 | 7000 | 1845 | 1917 | 0.12 | 0.18 | 1644 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 39 | 15 | 0.0021 | 0.037 | 0.0117 | 0.013 | 0.0009 | 0.025 | 0.00584 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | lead | mg/kg | 39 | 39 | 100 | 3.89 | 18.9 | 7.451 | 3.783 | -- | -- | 8.501 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte10ft | naphthalene | mg/kg | 35 | 39 | 90 | 0.0013 | 30 | 6.239 | 8.455 | 0.00027 | 0.00029 | 11.35 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte10ft | pyrene | mg/kg | 36 | 39 | 92 | 0.0017 | 41 | 2.707 | 6.998 | 0.0024 | 0.0061 | 7.22 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 neptune ave | lte10ft | toluene | µg/kg | 18 | 39 | 46 | 0.15 | 230 | 34.16 | 65.01 | 0.12 | 11 | 49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte10ft | tph as diesel | mg/kg | 39 | 39 | 100 | 15 | 19000 | 5147 | 5635 | -- | -- | 7819 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | tph as gasoline | mg/kg | 32 | 39 | 82 | 0.056 | 1300 | 380 | 418.6 | 0.05 | 0.064 | 596 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 neptune ave | lte10ft | tph as motor oil | mg/kg | 39 | 39 | 100 | 46 | 19000 | 5389 | 6006 | -- | -- | 7859 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | vanadium | mg/kg | 39 | 39 | 100 | 20.4 | 42 | 32.65 | 4.713 | -- | -- | 33.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 neptune ave | lte10ft | xylenes, total | µg/kg | 14 | 39 | 36 | 1.6 | 13000 | 3371 | 4418 | 0.16 | 85 | 2057 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 neptune ave | lte10ft | zinc | mg/kg | 39 | 39 | 100 | 29 | 85.5 | 48.54 | 10.52 | -- | -- | 51.37 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 18 | 100 | 5.8 | 4400 | 697.8 | 1118 | -- | -- | 1324 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 18 | 18 | 100 | 1.4 | 1200 | 149.8 | 282.6 | -- | -- | 289.2 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 18 | 18 | 100 | 0.052 | 11 | 2.081 | 3.075 | -- | -- | 5.24 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 18 | 18 | 100 | 0.056 | 18 | 3.098 | 4.992 | -- | -- | 8.227 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | arsenic | mg/kg | 18 | 18 | 100 | 2.87 | 14.8 | 4.893 | 2.652 | -- | -- | 6.065 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | gt05lte10ft | bap teq | mg/kg | 18 | 18 | 100 | 0.028 | 0.82 | 0.24 | 0.192 | -- | -- | 0.346 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | benzene | µg/kg | 15 | 18 | 83 | 0.28 | 380 | 85.52 | 100.2 | 10 | 12 | 171.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 18 | 18 | 100 | 0.02 | 0.7 | 0.28 | 0.197 | -- | -- | 0.361 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 18 | 18 | 100 | 0.022 | 0.63 | 0.177 | 0.145 | -- | -- | 0.255 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 18 | 18 | 100 | 0.011 | 0.4 | 0.101 | 0.0897 | -- | -- | 0.146 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | chrysene | mg/kg | 18 | 18 | 100 | 0.1 | 2.6 | 0.734 | 0.601 | -- | -- | 1.033 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | cobalt | mg/kg | 18 | 18 | 100 | 5.49 | 12.1 | 6.895 | 1.508 | -- | -- | 7.485 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | copper | mg/kg | 18 | 18 | 100 | 6.4 | 23.2 | 10.19 | 3.649 | -- | -- | 11.58 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 18 | 18 | 100 | 1.7 | 1100 | 178.8 | 278.9 | -- | -- | 337.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 18 | 39 | 0.0074 | 0.2 | 0.0705 | 0.0687 | 0.0043 | 0.17 | 0.0627 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24613 panama ave | gt05lte10ft | lead | mg/kg | 18 | 18 | 100 | 5.9 | 94 | 18.28 | 20.42 | -- | -- | 39.26 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | gt05lte10ft | naphthalene | mg/kg | 18 | 18 | 100 | 0.0045 | 6.2 | 1.318 | 1.755 | -- | -- | 2.519 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | pyrene | mg/kg | 18 | 18 | 100 | 0.098 | 2.3 | 0.89 | 0.628 | -- | -- | 1.148 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | toluene | µg/kg | 12 | 18 | 67 | 0.28 | 38 | 10.3 | 12.65 | 12 | 14 | 12.48 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | tph as diesel | mg/kg | 18 | 18 | 100 | 110 | 7900 | 1973 | 2129 | -- | -- | 3240 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 18 | 18 | 100 | 0.67 | 410 | 43.45 | 102.8 | -- | -- | 149.1 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 180 | 8400 | 2934 | 2638 | -- | -- | 4602 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | vanadium | mg/kg | 18 | 18 | 100 | 19.7 | 44.2 | 26.56 | 5.803 | -- | -- | 28.95 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | xylenes, total | µg/kg | 18 | 18 | 100 | 3.4 | 3100 | 348.2 | 728.4 | -- | -- | 693.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | gt05lte10ft | zinc | mg/kg | 18 | 18 | 100 | 22.6 | 80.7 | 35.71 | 12.91 | -- | -- | 41.33 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 18 | 67 | 0.13 | 0.67 | 0.276 | 0.186 | 0.09 | 0.12 | 0.311 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 18 | 56 | 0.0008 | 0.055 | 0.0089 | 0.0167 | 0.0006 | 0.012 | 0.012 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.56 | 8.42 | 4.561 | 1.825 | -- | -- | 5.309 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 panama ave | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.000537 | 0.0792 | 0.0161 | 0.0195 | -- | -- | 0.0273 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | benzene | µg/kg | 16 | 18 | 89 | 0.2 | 3.9 | 0.799 | 0.898 | 0.11 | 0.11 | 1.156 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 18 | 83 | 0.002 | 0.097 | 0.0172 | 0.0241 | 0.0007 | 0.013 | 0.0381 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 18 | 83 | 0.0013 | 0.056 | 0.0133 | 0.0147 | 0.0005 | 0.0099 | 0.0259 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 18 | 72 | 0.0007 | 0.024 | 0.00702 | 0.00705 | 0.0004 | 0.007 | 0.0123 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.0013 | 0.25 | 0.0362 | 0.0572 | -- | -- | 0.0615 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 3.5 | 7.03 | 5.807 | 0.923 | -- | -- | 6.186 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 panama ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 6.73 | 14.4 | 9.284 | 2.379 | -- | -- | 10.32 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | ethylbenzene | µg/kg | 8 | 18 | 44 | 0.13 | 0.97 | 0.354 | 0.273 | 0.12 | 0.21 | 0.319 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 3.4 | 19.7 | 7.565 | 4.579 | -- | -- | 9.572 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | naphthalene | mg/kg | 6 | 18 | 33 | 0.00038 | 0.0074 | 0.00233 | 0.00254 | 0.00025 | 0.00038 | 0.00176 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0011 | 0.13 | 0.0255 | 0.0321 | -- | -- | 0.0431 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | toluene | µg/kg | 16 | 18 | 89 | 0.14 | 2.6 | 0.672 | 0.573 | 0.12 | 0.12 | 0.884 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | tph as diesel | mg/kg | 13 | 18 | 72 | 8 | 1300 | 178.9 | 356.7 | 4.8 | 4.8 | 453.5 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | lte02ft | tph as gasoline | mg/kg | 7 | 18 | 39 | 0.053 | 0.3 | 0.131 | 0.0978 | 0.048 | 0.065 | 0.113 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | tph as motor oil | mg/kg | 13 | 18 | 72 | 30 | 1500 | 304.8 | 456 | 7 | 7 | 647.9 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 19.6 | 28.9 | 22.99 | 2.97 | -- | -- | 24.24 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | xylenes, total | µg/kg | 10 | 18 | 56 | 0.3 | 1.3 | 0.517 | 0.297 | 0.16 | 0.19 | 0.523 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 20.5 | 39.2 | 28.27 | 6.079 | -- | -- | 30.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 22 | 33 | 67 | 0.11 | 1400 | 67.93 | 297.7 | 0.09 | 9.8 | 231.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 33 | 15 | 0.11 | 450 | 94.73 | 198.8 | 0.077 | 8.3 | 39.86 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 33 | 45 | 0.008 | 8.1 | 1.479 | 2.326 | 0.0011 | 0.043 | 1.19 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 33 | 76 | 0.0008 | 7 | 0.933 | 1.893 | 0.0006 | 0.012 | 1.995 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte05ft | arsenic | mg/kg | 33 | 33 | 100 | 1.56 | 11.1 | 5.844 | 2.561 | -- | -- | 6.599 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 panama ave | lte05ft | bap teq | mg/kg | 33 | 33 | 100 | 0.000537 | 6.181 | 0.274 | 1.078 | -- | -- | 1.092 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte05ft | benzene | µg/kg | 26 | 33 | 79 | 0.14 | 34 | 2.003 | 6.567 | 0.11 | 12 | 6.115 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 29 | 33 | 88 | 0.002 | 7.2 | 0.339 | 1.331 | 0.0007 | 0.013 | 1.249 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 27 | 33 | 82 | 0.0013 | 4.5 | 0.244 | 0.867 | 0.0005 | 0.025 | 0.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 33 | 70 | 0.0007 | 2.7 | 0.165 | 0.561 | 0.0004 | 0.07 | 0.476 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 33 | 15 | 0.0015 | 0.033 | 0.0185 | 0.0146 | 0.0011 | 2.3 | 0.0273 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 panama ave | lte05ft | chrysene | mg/kg | 33 | 33 | 100 | 0.0013 | 27 | 1.133 | 4.72 | -- | -- | 4.715 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte05ft | cobalt | mg/kg | 33 | 33 | 100 | 3.5 | 11.2 | 6.561 | 1.594 | -- | -- | 7.031 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 panama ave | lte05ft | copper | mg/kg | 33 | 33 | 100 | 6.73 | 20.7 | 11.29 | 3.982 | -- | -- | 12.51 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 33 | 18 | 0.001 | 0.032 | 0.012 | 0.0148 | 0.0007 | 1.3 | 0.00637 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte05ft | ethylbenzene | µg/kg | 21 | 33 | 64 | 0.13 | 880 | 54.09 | 194.6 | 0.12 | 12 | 154 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 33 | 18 | 0.0017 | 0.035 | 0.0153 | 0.0149 | 0.0009 | 1.7 | 0.00958 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 panama ave | lte05ft | lead | mg/kg | 33 | 33 | 100 | 3.4 | 221 | 19.17 | 42.2 | -- | -- | 51.19 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte05ft | naphthalene | mg/kg | 20 | 33 | 61 | 0.00035 | 1.3 | 0.2 | 0.363 | 0.00025 | 0.00038 | 0.207 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte05ft | pyrene | mg/kg | 33 | 33 | 100 | 0.0011 | 61 | 2.361 | 10.65 | -- | -- | 10.44 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte05ft | toluene | µg/kg | 26 | 33 | 79 | 0.14 | 87 | 4.612 | 17.15 | 0.12 | 13 | 15.32 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte05ft | tph as diesel | mg/kg | 28 | 33 | 85 | 8 | 41000 | 2201 | 7656 | 4.8 | 4.8 | 7254 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte05ft | tph as gasoline | mg/kg | 21 | 33 | 64 | 0.053 | 170 | 33.59 | 53.13 | 0.048 | 0.065 | 34.75 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | lte05ft | tph as motor oil | mg/kg | 28 | 33 | 85 | 30 | 75000 | 3696 | 14027 | 7 | 7 | 12997 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte05ft | vanadium | mg/kg | 33 | 33 | 100 | 19.6 | 41.3 | 25.92 | 5.762 | -- | -- | 27.65 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte05ft | xylenes, total | µg/kg | 23 | 33 | 70 | 0.18 | 1200 | 58.11 | 249.7 | 0.16 | 17 | 200.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte05ft | zinc | mg/kg | 33 | 33 | 100 | 20.5 | 74.3 | 32.79 | 11.03 | -- | -- | 35.92 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24613 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 40 | 51 | 78 | 0.11 | 4400 | 351.4 | 832.4 | 0.09 | 9.8 | 734.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 23 | 51 | 45 | 0.11 | 1200 | 137.9 | 263.5 | 0.077 | 8.3 | 106.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 33 | 51 | 65 | 0.008 | 11 | 1.807 | 2.736 | 0.0011 | 0.043 | 1.784 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 43 | 51 | 84 | 0.0008 | 18 | 1.839 | 3.647 | 0.0006 | 0.012 | 3.636 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte10ft | antimony | mg/kg | 6 | 51 | 12 | 0.353 | 0.687 | 0.499 | 0.116 | 0.306 | 0.306 | 0.49 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 panama ave | lte10ft | arsenic | mg/kg | 51 | 51 | 100 | 1.56 | 14.8 | 5.509 | 2.607 | -- | -- | 6.132 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte10ft | bap teq | mg/kg | 51 | 51 | 100 | 0.000537 | 6.181 | 0.262 | 0.87 | -- | -- | 0.837 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte10ft | benzene | µg/kg | 41 | 51 | 80 | 0.14 | 380 | 32.56 | 72.11 | 0.11 | 12 | 66.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 47 | 51 | 92 | 0.002 | 7.2 | 0.317 | 1.046 | 0.0007 | 0.013 | 0.907 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 45 | 51 | 88 | 0.0013 | 4.5 | 0.217 | 0.673 | 0.0005 | 0.025 | 0.58 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 41 | 51 | 80 | 0.0007 | 2.7 | 0.137 | 0.422 | 0.0004 | 0.07 | 0.344 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 51 | 16 | 0.0015 | 0.084 | 0.0258 | 0.0263 | 0.0011 | 2.3 | 0.0124 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte10ft | chrysene | mg/kg | 51 | 51 | 100 | 0.0013 | 27 | 0.992 | 3.797 | -- | -- | 3.31 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte10ft | cobalt | mg/kg | 51 | 51 | 100 | 3.5 | 12.1 | 6.679 | 1.557 | -- | -- | 7.051 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte10ft | copper | mg/kg | 51 | 51 | 100 | 6.4 | 23.2 | 10.9 | 3.867 | -- | -- | 11.83 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 51 | 20 | 0.001 | 0.089 | 0.0211 | 0.0267 | 0.0007 | 1.3 | 0.0106 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte10ft | ethylbenzene | µg/kg | 39 | 51 | 76 | 0.13 | 1100 | 111.6 | 242.3 | 0.12 | 12 | 218 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 51 | 25 | 0.0017 | 0.2 | 0.045 | 0.0572 | 0.0009 | 1.7 | 0.0236 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte10ft | lead | mg/kg | 51 | 51 | 100 | 3.4 | 221 | 18.85 | 35.8 | -- | -- | 40.71 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte10ft | naphthalene | mg/kg | 38 | 51 | 75 | 0.00035 | 6.2 | 0.73 | 1.343 | 0.00025 | 0.00038 | 1.278 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 panama ave | lte10ft | pyrene | mg/kg | 51 | 51 | 100 | 0.0011 | 61 | 1.842 | 8.554 | -- | -- | 7.063 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte10ft | toluene | µg/kg | 38 | 51 | 75 | 0.14 | 87 | 6.407 | 15.92 | 0.12 | 14 | 13.48 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte10ft | tph as diesel | mg/kg | 46 | 51 | 90 | 8 | 41000 | 2112 | 6074 | 4.8 | 4.8 | 5447 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | lte10ft | tph as gasoline | mg/kg | 39 | 51 | 76 | 0.053 | 410 | 38.14 | 78.99 | 0.048 | 0.065 | 72.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte10ft | tph as motor oil | mg/kg | 46 | 51 | 90 | 30 | 75000 | 3398 | 10992 | 7 | 7 | 9469 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 panama ave | lte10ft | vanadium | mg/kg | 51 | 51 | 100 | 19.6 | 44.2 | 26.14 | 5.726 | -- | -- | 27.47 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 panama ave | lte10ft | xylenes, total | µg/kg | 41 | 51 | 80 | 0.18 | 3100 | 185.5 | 530.1 | 0.16 | 17 | 442.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 panama ave | lte10ft | zinc | mg/kg | 51 | 51 | 100 | 20.5 | 80.7 | 33.82 | 11.68 | -- | -- | 36.36 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 ravenna ave | gt05lte10ft | antimony | mg/kg | 5 | 8 | 63 | 0.447 | 0.72 | 0.558 | 0.102 | 0.306 | 0.306 | 0.595 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 3.7 | 7.35 | 4.994 | 1.259 | -- | -- | 5.837 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 4.34 | 6.57 | 5.419 | 0.82 | -- | -- | 5.968 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 6 | 9.16 | 7.415 | 0.959 | -- | -- | 8.057 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 3.92 | 5.09 | 4.435 | 0.458 | -- | -- | 4.742 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | gt05lte10ft | pyrene | mg/kg | 5 | 8 | 63 | 0.0008 | 0.0073 | 0.00244 | 0.00279 | 0.0008 | 0.0008 | 0.00355 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 19.4 | 32.1 | 24.81 | 4.03 | -- | -- | 27.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 21.7 | 32.2 | 26.21 | 3.996 | -- | -- | 28.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 16 | 38 | 0.13 | 40 | 7.022 | 16.16 | 0.087 | 0.11 | 14.21 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 6 | 16 | 38 | 0.0012 | 1.1 | 0.211 | 0.438 | 0.0006 | 0.024 | 0.207 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte02ft | antimony | mg/kg | 10 | 16 | 63 | 0.338 | 0.757 | 0.535 | 0.155 | 0.306 | 0.306 | 0.536 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.32 | 8.26 | 3.006 | 1.8 | -- | -- | 3.794 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 ravenna ave | lte02ft | bap teq | mg/kg | 13 | 16 | 81 | 0.000615 | 0.142 | 0.0323 | 0.0537 | 0.00053 | 0.00053 | 0.081 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | benzene | µg/kg | 12 | 16 | 75 | 0.1 | 0.84 | 0.272 | 0.229 | 0.11 | 0.11 | 0.334 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 16 | 75 | 0.0012 | 0.13 | 0.031 | 0.0452 | 0.0007 | 0.0007 | 0.0686 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 16 | 63 | 0.0008 | 0.1 | 0.0262 | 0.0381 | 0.0005 | 0.0049 | 0.0525 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 16 | 63 | 0.0008 | 0.074 | 0.0187 | 0.0272 | 0.0004 | 0.0035 | 0.0376 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 16 | 31 | 0.0014 | 0.086 | 0.0289 | 0.0343 | 0.0011 | 0.011 | 0.0298 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | cadmium | mg/kg | 7 | 16 | 44 | 0.167 | 0.315 | 0.238 | 0.0604 | 0.0883 | 0.0883 | 0.231 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | chrysene | mg/kg | 10 | 16 | 63 | 0.0046 | 0.37 | 0.0763 | 0.125 | 0.0012 | 0.012 | 0.164 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.63 | 7.86 | 6.617 | 0.675 | -- | -- | 6.913 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 5.71 | 13.1 | 9.14 | 2.791 | -- | -- | 10.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 16 | 44 | 0.001 | 0.076 | 0.0229 | 0.0281 | 0.0009 | 0.0087 | 0.0211 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.4 | 13.7 | 6.999 | 2.947 | -- | -- | 8.321 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte02ft | naphthalene | mg/kg | 5 | 16 | 31 | 0.0047 | 0.14 | 0.0416 | 0.0572 | 0.00024 | 0.00033 | 0.0326 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte02ft | pyrene | mg/kg | 14 | 16 | 88 | 0.0009 | 0.22 | 0.0385 | 0.063 | 0.0008 | 0.0008 | 0.0996 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte02ft | toluene | µg/kg | 11 | 16 | 69 | 0.12 | 0.93 | 0.407 | 0.286 | 0.12 | 0.13 | 0.448 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte02ft | tph as diesel | mg/kg | 9 | 16 | 56 | 4.9 | 2700 | 439.6 | 860.9 | 4.8 | 4.8 | 593.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte02ft | tph as gasoline | mg/kg | 7 | 16 | 44 | 0.05 | 230 | 32.92 | 86.9 | 0.046 | 0.062 | 79.94 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte02ft | tph as motor oil | mg/kg | 11 | 16 | 69 | 7 | 2900 | 640.4 | 903.8 | 7 | 7 | 841.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 17 | 30.9 | 22.11 | 3.887 | -- | -- | 23.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24613 ravenna ave | lte02ft | xylenes, total | µg/kg | 7 | 16 | 44 | 0.17 | 1 | 0.617 | 0.304 | 0.15 | 0.2 | 0.629 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 21.3 | 47.6 | 29.66 | 7.998 | -- | -- | 33.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 25 | 36 | 0.13 | 18000 | 3038 | 6397 | 0.087 | 0.11 | 4702 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 25 | 24 | 0.34 | 6400 | 1669 | 2728 | 0.073 | 0.1 | 930.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 25 | 24 | 0.0089 | 26 | 7.014 | 11.02 | 0.0011 | 0.043 | 3.851 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 9 | 25 | 36 | 0.0012 | 42 | 5.933 | 13.91 | 0.0006 | 0.024 | 5.174 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | antimony | mg/kg | 17 | 25 | 68 | 0.338 | 1.41 | 0.644 | 0.251 | 0.306 | 0.306 | 0.64 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 1.32 | 8.26 | 3.299 | 1.543 | -- | -- | 3.841 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | bap teq | mg/kg | 17 | 25 | 68 | 0.000561 | 0.591 | 0.0739 | 0.151 | 0.00053 | 0.00053 | 0.163 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte05ft | benzene | µg/kg | 13 | 25 | 52 | 0.1 | 0.84 | 0.262 | 0.222 | 0.1 | 22 | 0.268 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 25 | 60 | 0.0012 | 0.41 | 0.0651 | 0.112 | 0.0007 | 0.0007 | 0.0744 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 13 | 25 | 52 | 0.0008 | 0.37 | 0.0612 | 0.106 | 0.0005 | 0.0049 | 0.104 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 25 | 52 | 0.0008 | 0.3 | 0.05 | 0.0882 | 0.0004 | 0.0035 | 0.0861 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 25 | 24 | 0.0014 | 0.086 | 0.0244 | 0.0326 | 0.0011 | 0.45 | 0.0145 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | cadmium | mg/kg | 11 | 25 | 44 | 0.116 | 0.315 | 0.2 | 0.0715 | 0.0883 | 0.0883 | 0.181 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 25 | 20 | 0.1 | 0.2 | 0.134 | 0.0445 | 0.038 | 0.22 | 0.16 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte05ft | chrysene | mg/kg | 14 | 25 | 56 | 0.0037 | 0.82 | 0.14 | 0.237 | 0.0012 | 0.012 | 0.247 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 5.63 | 10.1 | 7.334 | 1.196 | -- | -- | 7.743 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 5.71 | 13.1 | 8.895 | 2.317 | -- | -- | 9.722 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 25 | 20 | 0.0087 | 0.3 | 0.0907 | 0.12 | 0.0007 | 0.13 | 0.0477 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 25 | 32 | 0.001 | 0.076 | 0.0203 | 0.027 | 0.0009 | 0.35 | 0.0144 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 4.29 | 13.7 | 6.359 | 2.517 | -- | -- | 7.247 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte05ft | naphthalene | mg/kg | 8 | 25 | 32 | 0.0047 | 17 | 3.527 | 6.66 | 0.00024 | 0.00033 | 4.756 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte05ft | pyrene | mg/kg | 19 | 25 | 76 | 0.0009 | 1.2 | 0.117 | 0.286 | 0.0008 | 0.0008 | 0.311 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte05ft | toluene | µg/kg | 13 | 25 | 52 | 0.12 | 0.93 | 0.382 | 0.271 | 0.11 | 24 | 0.355 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | tph as diesel | mg/kg | 13 | 25 | 52 | 4.9 | 11000 | 1677 | 3363 | 4.8 | 4.8 | 1756 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24613 ravenna ave | lte05ft | tph as gasoline | mg/kg | 10 | 25 | 40 | 0.05 | 1100 | 217.6 | 394.7 | 0.046 | 0.062 | 325.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte05ft | tph as motor oil | mg/kg | 15 | 25 | 60 | 7 | 10000 | 1614 | 2927 | 7 | 7 | 1794 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 17 | 35.6 | 24.65 | 5.039 | -- | -- | 26.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte05ft | xylenes, total | µg/kg | 11 | 25 | 44 | 0.17 | 7400 | 1219 | 2728 | 0.15 | 0.2 | 2208 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 21.3 | 47.6 | 28.9 | 6.622 | -- | -- | 31.18 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 33 | 39 | 0.12 | 18000 | 2327 | 5389 | 0.087 | 0.11 | 3636 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 33 | 24 | 0.34 | 6400 | 1367 | 2385 | 0.073 | 0.1 | 724.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 8 | 33 | 24 | 0.0089 | 26 | 5.296 | 9.839 | 0.0011 | 0.043 | 2.888 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 11 | 33 | 33 | 0.0012 | 42 | 4.878 | 12.66 | 0.0006 | 0.024 | 7.468 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte10ft | antimony | mg/kg | 22 | 33 | 67 | 0.338 | 1.41 | 0.624 | 0.226 | 0.306 | 0.306 | 0.606 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 1.32 | 8.26 | 3.712 | 1.636 | -- | -- | 4.23 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | bap teq | mg/kg | 20 | 33 | 61 | 0.000561 | 0.591 | 0.0631 | 0.141 | 0.00053 | 0.00053 | 0.125 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | benzene | µg/kg | 15 | 33 | 45 | 0.1 | 55 | 3.905 | 14.14 | 0.1 | 22 | 9.217 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 17 | 33 | 52 | 0.0007 | 0.41 | 0.0576 | 0.107 | 0.0007 | 0.0007 | 0.0922 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 14 | 33 | 42 | 0.0008 | 0.37 | 0.057 | 0.103 | 0.0005 | 0.0049 | 0.0799 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 33 | 39 | 0.0008 | 0.3 | 0.05 | 0.0882 | 0.0004 | 0.0035 | 0.0663 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 33 | 18 | 0.0014 | 0.086 | 0.0244 | 0.0326 | 0.0011 | 0.45 | 0.0112 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | cadmium | mg/kg | 14 | 33 | 42 | 0.116 | 0.315 | 0.185 | 0.0689 | 0.0883 | 0.0883 | 0.162 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 33 | 21 | 0.1 | 0.27 | 0.149 | 0.0659 | 0.038 | 0.22 | 0.155 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | chrysene | mg/kg | 16 | 33 | 48 | 0.0037 | 0.82 | 0.123 | 0.226 | 0.0012 | 0.012 | 0.19 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 4.34 | 10.1 | 6.869 | 1.383 | -- | -- | 7.277 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24613 ravenna ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 5.71 | 13.1 | 8.536 | 2.155 | -- | -- | 9.183 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 33 | 15 | 0.0087 | 0.3 | 0.0907 | 0.12 | 0.0007 | 0.13 | 0.0382 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | ethylbenzene | µg/kg | 6 | 33 | 18 | 0.17 | 1800 | 571.9 | 811.2 | 0.12 | 0.16 | 228.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 33 | 24 | 0.001 | 0.076 | 0.0203 | 0.027 | 0.0009 | 0.35 | 0.011 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 3.92 | 13.7 | 5.893 | 2.345 | -- | -- | 6.607 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | naphthalene | mg/kg | 11 | 33 | 33 | 0.0047 | 17 | 2.67 | 5.769 | 0.00024 | 0.00033 | 3.611 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | pyrene | mg/kg | 24 | 33 | 73 | 0.0008 | 1.2 | 0.0929 | 0.258 | 0.0008 | 0.0008 | 0.237 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | toluene | µg/kg | 17 | 33 | 52 | 0.12 | 86 | 5.385 | 20.78 | 0.11 | 24 | 14.34 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | tph as diesel | mg/kg | 15 | 33 | 45 | 4.9 | 11000 | 1475 | 3159 | 4.8 | 4.8 | 2388 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24613 ravenna ave | lte10ft | tph as gasoline | mg/kg | 13 | 33 | 39 | 0.05 | 1100 | 180.8 | 351.1 | 0.045 | 0.062 | 252.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | tph as motor oil | mg/kg | 18 | 33 | 55 | 7 | 10000 | 1368 | 2716 | 7 | 7 | 1492 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24613 ravenna ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 17 | 35.6 | 24.69 | 4.754 | -- | -- | 26.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24613 ravenna ave | lte10ft | xylenes, total | µg/kg | 15 | 33 | 45 | 0.17 | 7400 | 960.4 | 2359 | 0.15 | 0.2 | 1701 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24613 ravenna ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 21.3 | 47.6 | 28.25 | 6.144 | -- | -- | 30.04 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 13 | 100 | 20 | 55000 | 15867 | 18630 | -- | -- | 48305 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 13 | 92 | 25 | 14000 | 3247 | 3950 | 7.4 | 7.4 | 7714 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 13 | 13 | 100 | 6.6 | 140 | 54.66 | 33.4 | -- | -- | 71.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 13 | 13 | 100 | 9.8 | 200 | 85.75 | 48.88 | -- | -- | 109.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | antimony | mg/kg | 6 | 9 | 67 | 0.34 | 0.907 | 0.659 | 0.249 | 0.306 | 0.306 | 0.719 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 4.75 | 32.2 | 15.89 | 9.257 | -- | -- | 21.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | bap teq | mg/kg | 10 | 13 | 77 | 0.534 | 2.452 | 1.141 | 0.624 | 0.0513 | 0.411 | 1.302 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | benzene | µg/kg | 10 | 13 | 77 | 28 | 19000 | 4012 | 6198 | 10 | 23 | 10004 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 13 | 77 | 0.64 | 3.5 | 1.521 | 0.822 | 0.065 | 0.52 | 1.735 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 13 | 62 | 0.4 | 1.7 | 0.894 | 0.455 | 0.049 | 0.49 | 0.945 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | chrysene | mg/kg | 10 | 13 | 77 | 1.6 | 6.4 | 3.54 | 1.927 | 0.12 | 0.95 | 4.023 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 3.17 | 11.6 | 7.62 | 2.685 | -- | -- | 9.284 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 4.16 | 25.6 | 11.86 | 6.335 | -- | -- | 15.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 13 | 13 | 100 | 55 | 21000 | 6684 | 6610 | -- | -- | 9952 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 1.24 | 8.39 | 4.358 | 2.128 | -- | -- | 5.677 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | naphthalene | mg/kg | 13 | 13 | 100 | 4.2 | 84 | 34.02 | 19.24 | -- | -- | 43.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | pyrene | mg/kg | 12 | 13 | 92 | 0.21 | 18 | 7.068 | 5.794 | 0.33 | 0.33 | 13.65 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | toluene | µg/kg | 7 | 13 | 54 | 33 | 840 | 346.7 | 275.9 | 11 | 240 | 389.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 13 | 13 | 100 | 6200 | 39000 | 25323 | 9709 | -- | -- | 30122 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 13 | 13 | 100 | 290 | 4500 | 1991 | 1290 | -- | -- | 2629 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 13 | 13 | 100 | 5600 | 39000 | 25277 | 9688 | -- | -- | 30066 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 12.3 | 51.5 | 33.61 | 12.63 | -- | -- | 41.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 13 | 13 | 100 | 46 | 46000 | 10150 | 13935 | -- | -- | 30366 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 12.2 | 48.8 | 35.14 | 11.88 | -- | -- | 42.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 26 | 46 | 0.17 | 26 | 2.903 | 7.351 | 0.087 | 0.51 | 3.584 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte02ft | 1,4-dichlorobenzene | µg/kg | 5 | 26 | 19 | 0.14 | 0.4 | 0.21 | 0.107 | 0.11 | 0.22 | 0.188 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 11 | 26 | 42 | 0.0018 | 5.9 | 0.549 | 1.775 | 0.0011 | 0.043 | 1.25 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 25 | 26 | 96 | 0.001 | 8.3 | 0.354 | 1.656 | 0.0006 | 0.0006 | 1.73 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte02ft | arsenic | mg/kg | 22 | 22 | 100 | 2.98 | 9.99 | 5.421 | 1.453 | -- | -- | 5.954 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte02ft | bap teq | mg/kg | 24 | 26 | 92 | 0.00102 | 0.174 | 0.0342 | 0.0465 | 0.00053 | 0.00053 | 0.0707 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte02ft | benzene | µg/kg | 21 | 26 | 81 | 0.12 | 10 | 0.726 | 2.129 | 0.1 | 0.13 | 2.258 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 23 | 26 | 88 | 0.001 | 0.23 | 0.0414 | 0.0628 | 0.0007 | 0.0052 | 0.0885 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24616 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 19 | 26 | 73 | 0.001 | 0.12 | 0.029 | 0.0356 | 0.0005 | 0.02 | 0.0498 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 20 | 26 | 77 | 0.0011 | 0.081 | 0.0185 | 0.0226 | 0.0004 | 0.014 | 0.0327 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 10 | 26 | 38 | 0.0013 | 0.023 | 0.0108 | 0.00619 | 0.0011 | 0.045 | 0.0104 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte02ft | cadmium | mg/kg | 10 | 22 | 45 | 0.109 | 0.276 | 0.172 | 0.0565 | 0.0883 | 0.0883 | 0.159 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte02ft | chrysene | mg/kg | 23 | 26 | 88 | 0.0033 | 0.57 | 0.115 | 0.18 | 0.0012 | 0.0024 | 0.25 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte02ft | cobalt | mg/kg | 22 | 22 | 100 | 6.24 | 13.1 | 10.04 | 1.977 | -- | -- | 10.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte02ft | copper | mg/kg | 22 | 22 | 100 | 8.51 | 27.8 | 18.41 | 5.956 | -- | -- | 20.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 26 | 23 | 0.0032 | 0.036 | 0.0143 | 0.0121 | 0.0007 | 0.027 | 0.012 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte02ft | ethylbenzene | µg/kg | 5 | 26 | 19 | 0.12 | 22 | 4.528 | 9.767 | 0.12 | 0.16 | 4.988 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 26 | 54 | 0.0046 | 0.056 | 0.0193 | 0.0176 | 0.0009 | 0.017 | 0.0176 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte02ft | lead | mg/kg | 22 | 22 | 100 | 5.15 | 18.6 | 9.454 | 3.874 | -- | -- | 10.94 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte02ft | naphthalene | mg/kg | 19 | 26 | 73 | 0.00035 | 2.9 | 0.169 | 0.662 | 0.00024 | 0.00065 | 0.611 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte02ft | pyrene | mg/kg | 25 | 26 | 96 | 0.0013 | 1.3 | 0.101 | 0.26 | 0.0008 | 0.0008 | 0.316 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte02ft | toluene | µg/kg | 19 | 26 | 73 | 0.13 | 0.81 | 0.345 | 0.219 | 0.11 | 0.45 | 0.366 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24616 marbella ave | lte02ft | tph as diesel | mg/kg | 24 | 26 | 92 | 11 | 8600 | 483.3 | 1736 | 4.8 | 4.8 | 1877 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte02ft | tph as gasoline | mg/kg | 7 | 26 | 27 | 0.054 | 0.49 | 0.132 | 0.16 | 0.04 | 0.063 | 0.108 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte02ft | tph as motor oil | mg/kg | 24 | 26 | 92 | 33 | 8700 | 725.9 | 1750 | 7 | 7 | 2119 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte02ft | vanadium | mg/kg | 22 | 22 | 100 | 24.6 | 46.9 | 35.57 | 6.514 | -- | -- | 37.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte02ft | xylenes, total | µg/kg | 9 | 26 | 35 | 0.16 | 7.6 | 1.246 | 2.394 | 0.15 | 0.55 | 1.178 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte02ft | zinc | mg/kg | 22 | 22 | 100 | 27.7 | 68.7 | 45.95 | 12.55 | -- | -- | 50.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 28 | 44 | 64 | 0.16 | 22000 | 2546 | 5284 | 0.087 | 0.51 | 4509 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 17 | 44 | 39 | 0.098 | 4300 | 1003 | 1489 | 0.074 | 0.54 | 654.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte05ft | 1,4-dichlorobenzene | µg/kg | 5 | 44 | 11 | 0.14 | 0.4 | 0.21 | 0.107 | 0.11 | 90 | 0.186 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 29 | 44 | 66 | 0.0018 | 95 | 14.71 | 24.67 | 0.0011 | 0.043 | 23.66 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 43 | 44 | 98 | 0.001 | 120 | 12.6 | 28.48 | 0.0006 | 0.0006 | 30.86 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24616 marbella ave | lte05ft | antimony | mg/kg | 7 | 37 | 19 | 0.314 | 1.73 | 0.782 | 0.648 | 0.306 | 0.306 | 0.498 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24616 marbella ave | lte05ft | arsenic | mg/kg | 37 | 37 | 100 | 2.24 | 9.99 | 4.771 | 1.558 | -- | -- | 5.203 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte05ft | bap teq | mg/kg | 42 | 44 | 95 | 0.000575 | 3.037 | 0.388 | 0.738 | 0.00053 | 0.00053 | 0.848 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | benzene | µg/kg | 36 | 44 | 82 | 0.12 | 1500 | 166.1 | 360.1 | 0.1 | 12 | 354.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 41 | 44 | 93 | 0.0008 | 5 | 0.514 | 1.028 | 0.0007 | 0.0052 | 1.137 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 34 | 44 | 77 | 0.001 | 2.2 | 0.352 | 0.597 | 0.0005 | 0.2 | 0.631 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 26 | 44 | 59 | 0.0011 | 0.51 | 0.0503 | 0.108 | 0.0004 | 0.35 | 0.092 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 44 | 32 | 0.0013 | 0.19 | 0.0232 | 0.0484 | 0.0011 | 1.1 | 0.0242 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte05ft | cadmium | mg/kg | 12 | 37 | 32 | 0.109 | 0.276 | 0.168 | 0.0529 | 0.0883 | 0.0883 | 0.143 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte05ft | chrysene | mg/kg | 40 | 44 | 91 | 0.0033 | 7.4 | 1.115 | 2.02 | 0.0012 | 0.0024 | 2.297 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | cobalt | mg/kg | 37 | 37 | 100 | 3.39 | 13.1 | 8.662 | 2.673 | -- | -- | 9.404 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte05ft | copper | mg/kg | 37 | 37 | 100 | 3.71 | 27.8 | 14.71 | 6.913 | -- | -- | 19.66 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 7 | 44 | 16 | 0.0032 | 0.04 | 0.018 | 0.0147 | 0.0007 | 0.67 | 0.0127 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte05ft | ethylbenzene | µg/kg | 20 | 44 | 45 | 0.12 | 4800 | 1035 | 1457 | 0.12 | 0.16 | 753.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 44 | 41 | 0.0029 | 0.19 | 0.0271 | 0.0438 | 0.0009 | 0.87 | 0.025 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24616 marbella ave | lte05ft | lead | mg/kg | 37 | 37 | 100 | 1.57 | 21 | 8.027 | 4.549 | -- | -- | 9.396 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte05ft | naphthalene | mg/kg | 37 | 44 | 84 | 0.00035 | 33 | 4.666 | 9.055 | 0.00024 | 0.00065 | 9.498 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | pyrene | mg/kg | 43 | 44 | 98 | 0.0013 | 25 | 2.321 | 5.074 | 0.0008 | 0.0008 | 5.572 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | toluene | µg/kg | 31 | 44 | 70 | 0.13 | 480 | 35.51 | 97.26 | 0.11 | 210 | 80.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | tph as diesel | mg/kg | 40 | 44 | 91 | 11 | 29000 | 5542 | 9474 | 4.8 | 4.8 | 11069 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | tph as gasoline | mg/kg | 24 | 44 | 55 | 0.054 | 1700 | 384.2 | 500.9 | 0.04 | 0.063 | 484.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | tph as motor oil | mg/kg | 39 | 44 | 89 | 33 | 30000 | 5895 | 9347 | 7 | 7 | 11142 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | vanadium | mg/kg | 37 | 37 | 100 | 12.8 | 47.9 | 31.8 | 8.493 | -- | -- | 34.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte05ft | xylenes, total | µg/kg | 25 | 44 | 57 | 0.16 | 14000 | 1805 | 3983 | 0.15 | 0.55 | 3088 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte05ft | zinc | mg/kg | 37 | 37 | 100 | 14.8 | 68.7 | 39.76 | 14.45 | -- | -- | 43.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 41 | 57 | 72 | 0.16 | 55000 | 6770 | 12742 | 0.087 | 0.51 | 11357 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 29 | 57 | 51 | 0.098 | 14000 | 1932 | 2943 | 0.074 | 7.4 | 1551 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte10ft | 1,4-dichlorobenzene | µg/kg | 5 | 57 | 8.8 | 0.14 | 0.4 | 0.21 | 0.107 | 0.11 | 100 | 0.186 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 42 | 57 | 74 | 0.0018 | 140 | 27.08 | 33.04 | 0.0011 | 0.043 | 37.75 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 56 | 57 | 98 | 0.001 | 200 | 29.58 | 45.96 | 0.0006 | 0.0006 | 55.46 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | antimony | mg/kg | 13 | 46 | 28 | 0.314 | 1.73 | 0.725 | 0.49 | 0.306 | 0.306 | 0.51 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte10ft | arsenic | mg/kg | 46 | 46 | 100 | 2.24 | 32.2 | 6.947 | 6.089 | -- | -- | 10.86 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | bap teq | mg/kg | 52 | 57 | 91 | 0.000575 | 3.037 | 0.533 | 0.773 | 0.00053 | 0.411 | 0.922 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | benzene | µg/kg | 46 | 57 | 81 | 0.12 | 19000 | 1002 | 3218 | 0.1 | 23 | 2494 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 51 | 57 | 89 | 0.0008 | 5 | 0.711 | 1.063 | 0.0007 | 0.52 | 1.232 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 42 | 57 | 74 | 0.001 | 2.2 | 0.455 | 0.607 | 0.0005 | 0.49 | 0.66 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 26 | 57 | 46 | 0.0011 | 0.51 | 0.0503 | 0.108 | 0.0004 | 1 | 0.0793 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 14 | 57 | 25 | 0.0013 | 0.19 | 0.0232 | 0.0484 | 0.0011 | 1.4 | 0.0241 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24616 marbella ave | lte10ft | cadmium | mg/kg | 12 | 46 | 26 | 0.109 | 0.276 | 0.168 | 0.0529 | 0.0883 | 0.0883 | 0.138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte10ft | chrysene | mg/kg | 50 | 57 | 88 | 0.0033 | 7.4 | 1.6 | 2.211 | 0.0012 | 0.95 | 2.64 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | cobalt | mg/kg | 46 | 46 | 100 | 3.17 | 13.1 | 8.458 | 2.678 | -- | -- | 9.121 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte10ft | copper | mg/kg | 46 | 46 | 100 | 3.71 | 27.8 | 14.15 | 6.832 | -- | -- | 16.08 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 57 | 12 | 0.0032 | 0.04 | 0.018 | 0.0147 | 0.0007 | 1 | 0.0131 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte10ft | ethylbenzene | µg/kg | 33 | 57 | 58 | 0.12 | 21000 | 3260 | 5050 | 0.12 | 0.16 | 2972 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 57 | 32 | 0.0029 | 0.19 | 0.0271 | 0.0438 | 0.0009 | 1.1 | 0.0243 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24616 marbella ave | lte10ft | lead | mg/kg | 46 | 46 | 100 | 1.24 | 21 | 7.309 | 4.419 | -- | -- | 8.486 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte10ft | naphthalene | mg/kg | 50 | 57 | 88 | 0.00035 | 84 | 12.3 | 17.89 | 0.00024 | 0.00065 | 20.74 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | pyrene | mg/kg | 55 | 57 | 96 | 0.0013 | 25 | 3.356 | 5.548 | 0.0008 | 0.33 | 6.406 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | toluene | µg/kg | 38 | 57 | 67 | 0.13 | 840 | 92.84 | 187 | 0.11 | 240 | 154.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | tph as diesel | mg/kg | 53 | 57 | 93 | 11 | 39000 | 10394 | 12763 | 4.8 | 4.8 | 16937 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | tph as gasoline | mg/kg | 37 | 57 | 65 | 0.054 | 4500 | 948.7 | 1149 | 0.04 | 0.063 | 1212 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | tph as motor oil | mg/kg | 52 | 57 | 91 | 33 | 39000 | 10740 | 12610 | 7 | 7 | 16975 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24616 marbella ave | lte10ft | vanadium | mg/kg | 46 | 46 | 100 | 12.3 | 51.5 | 32.15 | 9.306 | -- | -- | 34.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24616 marbella ave | lte10ft | xylenes, total | µg/kg | 38 | 57 | 67 | 0.16 | 46000 | 4660 | 9453 | 0.15 | 0.55 | 5109 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24616 marbella ave | lte10ft | zinc | mg/kg | 46 | 46 | 100 | 12.2 | 68.7 | 38.86 | 13.98 | -- | -- | 42.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 2.69 | 12.7 | 8.184 | 3.329 | -- | -- | 10.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | gt05lte10ft | cadmium | mg/kg | 7 | 8 | 88 | 0.158 | 0.26 | 0.202 | 0.0404 | 0.0883 | 0.0883 | 0.224 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.01 | 11.3 | 8.684 | 2.055 | -- | -- | 10.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 11.4 | 26.7 | 18.68 | 4.844 | -- | -- | 21.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24617 marbella ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 3.14 | 7.22 | 5.229 | 1.287 | -- | -- | 6.091 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 19.1 | 52.4 | 41.6 | 10.7 | -- | -- | 48.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 25 | 50 | 40.71 | 7.765 | -- | -- | 45.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 3.1 | 12.2 | 7.217 | 2.435 | -- | -- | 8.216 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte02ft | bap teq | mg/kg | 8 | 18 | 44 | 0.00088 | 0.018 | 0.00401 | 0.00591 | 0.00053 | 0.00053 | 0.00403 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24617 marbella ave | lte02ft | benzene | µg/kg | 10 | 18 | 56 | 0.13 | 1.5 | 0.384 | 0.426 | 0.11 | 0.13 | 0.417 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 6 | 18 | 33 | 0.0006 | 0.012 | 0.00337 | 0.00456 | 0.0005 | 0.0025 | 0.00275 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24617 marbella ave | lte02ft | cadmium | mg/kg | 18 | 18 | 100 | 0.116 | 0.552 | 0.397 | 0.123 | -- | -- | 0.447 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte02ft | chrysene | mg/kg | 5 | 18 | 28 | 0.0014 | 0.0082 | 0.00298 | 0.00293 | 0.0012 | 0.024 | 0.00269 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 7.35 | 16 | 12.62 | 2.111 | -- | -- | 13.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 12.2 | 35.9 | 25.05 | 6.358 | -- | -- | 27.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 4.89 | 20.1 | 9.559 | 4.053 | -- | -- | 11.26 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24617 marbella ave | lte02ft | pyrene | mg/kg | 8 | 18 | 44 | 0.0009 | 0.018 | 0.00534 | 0.00752 | 0.0008 | 0.0033 | 0.00577 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte02ft | thallium | mg/kg | 12 | 18 | 67 | 0.234 | 0.897 | 0.635 | 0.232 | 0.232 | 0.232 | 0.641 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte02ft | toluene | µg/kg | 7 | 18 | 39 | 0.13 | 2.1 | 0.486 | 0.716 | 0.12 | 0.14 | 0.487 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte02ft | tph as diesel | mg/kg | 6 | 18 | 33 | 6.5 | 63 | 25.43 | 20.56 | 4.8 | 4.8 | 27.44 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte02ft | tph as motor oil | mg/kg | 6 | 18 | 33 | 29 | 310 | 107.5 | 102.7 | 7 | 7 | 84.61 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24617 marbella ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 25.3 | 58.4 | 45.51 | 8.525 | -- | -- | 49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 31.9 | 89 | 58.71 | 14.7 | -- | -- | 64.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 3.1 | 17.2 | 8.636 | 3.393 | -- | -- | 9.772 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte05ft | bap teq | mg/kg | 9 | 26 | 35 | 0.00088 | 0.018 | 0.00367 | 0.00563 | 0.00053 | 0.00053 | 0.00306 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte05ft | benzene | µg/kg | 10 | 26 | 38 | 0.13 | 1.5 | 0.384 | 0.426 | 0.1 | 0.13 | 0.333 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 7 | 26 | 27 | 0.0006 | 0.012 | 0.00297 | 0.00429 | 0.0005 | 0.0025 | 0.00208 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24617 marbella ave | lte05ft | cadmium | mg/kg | 26 | 26 | 100 | 0.116 | 1.02 | 0.442 | 0.206 | -- | -- | 0.515 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24617 marbella ave | lte05ft | chrysene | mg/kg | 5 | 26 | 19 | 0.0014 | 0.0082 | 0.00298 | 0.00293 | 0.0012 | 0.024 | 0.00235 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 7.35 | 19.3 | 13.06 | 2.74 | -- | -- | 13.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 12.2 | 47.4 | 27.31 | 8.038 | -- | -- | 30 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 4.89 | 20.1 | 9.395 | 3.652 | -- | -- | 10.63 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24617 marbella ave | lte05ft | pyrene | mg/kg | 10 | 26 | 38 | 0.0009 | 0.018 | 0.00527 | 0.00689 | 0.0008 | 0.0033 | 0.00424 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte05ft | thallium | mg/kg | 19 | 26 | 73 | 0.234 | 0.94 | 0.639 | 0.245 | 0.232 | 0.232 | 0.642 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte05ft | toluene | µg/kg | 7 | 26 | 27 | 0.13 | 2.1 | 0.486 | 0.716 | 0.12 | 0.14 | 0.385 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte05ft | tph as diesel | mg/kg | 6 | 26 | 23 | 6.5 | 63 | 25.43 | 20.56 | 4.8 | 4.8 | 26.35 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte05ft | tph as motor oil | mg/kg | 6 | 26 | 23 | 29 | 310 | 107.5 | 102.7 | 7 | 7 | 67.61 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24617 marbella ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 25.3 | 63.7 | 46.85 | 8.2 | -- | -- | 49.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 31.9 | 104 | 61.65 | 17.68 | -- | -- | 67.81 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24617 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 6 | 34 | 18 | 0.0007 | 0.0035 | 0.00192 | 0.00119 | 0.0006 | 0.012 | 0.00158 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 2.69 | 17.2 | 8.529 | 3.333 | -- | -- | 9.497 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte10ft | bap teq | mg/kg | 10 | 34 | 29 | 0.000575 | 0.018 | 0.00336 | 0.00539 | 0.00053 | 0.00053 | 0.00275 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte10ft | benzene | µg/kg | 12 | 34 | 35 | 0.13 | 1.5 | 0.35 | 0.394 | 0.1 | 0.13 | 0.289 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 7 | 34 | 21 | 0.0006 | 0.012 | 0.00297 | 0.00429 | 0.0005 | 0.0025 | 0.00173 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24617 marbella ave | lte10ft | cadmium | mg/kg | 33 | 34 | 97 | 0.116 | 1.02 | 0.391 | 0.209 | 0.0883 | 0.0883 | 0.446 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24617 marbella ave | lte10ft | chrysene | mg/kg | 5 | 34 | 15 | 0.0014 | 0.0082 | 0.00298 | 0.00293 | 0.0012 | 0.024 | 0.00224 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 5.01 | 19.3 | 12.03 | 3.183 | -- | -- | 12.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte10ft | copper | mg/kg | 34 | 34 | 100 | 11.4 | 47.4 | 25.28 | 8.231 | -- | -- | 27.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24617 marbella ave | lte10ft | lead | mg/kg | 34 | 34 | 100 | 3.14 | 20.1 | 8.415 | 3.697 | -- | -- | 9.505 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24617 marbella ave | lte10ft | pyrene | mg/kg | 11 | 34 | 32 | 0.0009 | 0.018 | 0.00492 | 0.00664 | 0.0008 | 0.0033 | 0.00349 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte10ft | thallium | mg/kg | 22 | 34 | 65 | 0.234 | 1.2 | 0.638 | 0.274 | 0.232 | 0.232 | 0.604 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte10ft | toluene | µg/kg | 7 | 34 | 21 | 0.13 | 2.1 | 0.486 | 0.716 | 0.12 | 0.14 | 0.319 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte10ft | tph as diesel | mg/kg | 7 | 34 | 21 | 6.5 | 63 | 22.77 | 20.05 | 4.8 | 4.8 | 13.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24617 marbella ave | lte10ft | tph as motor oil | mg/kg | 7 | 34 | 21 | 26 | 310 | 95.86 | 98.64 | 7 | 7 | 56.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24617 marbella ave | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 19.1 | 63.7 | 45.61 | 8.962 | -- | -- | 48.21 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24617 marbella ave | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 25 | 104 | 56.73 | 18.19 | -- | -- | 62.21 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 14 | 50 | 0.0037 | 0.021 | 0.00844 | 0.00678 | 0.0021 | 0.021 | 0.00897 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.0031 | 0.092 | 0.023 | 0.0247 | 0.003 | 0.003 | 0.05 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 3.13 | 8.68 | 5.129 | 1.708 | -- | -- | 5.937 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 neptune ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00173 | 0.108 | 0.0316 | 0.0316 | -- | -- | 0.055 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte02ft | benzene | µg/kg | 14 | 14 | 100 | 0.13 | 1.9 | 0.421 | 0.459 | -- | -- | 0.661 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24618 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.0049 | 0.17 | 0.0414 | 0.0458 | -- | -- | 0.0686 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 14 | 79 | 0.0048 | 0.085 | 0.0301 | 0.0248 | 0.001 | 0.0025 | 0.0363 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24618 neptune ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.013 | 0.4 | 0.128 | 0.133 | -- | -- | 0.219 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.32 | 8.22 | 7.011 | 0.748 | -- | -- | 7.371 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 10.3 | 18.5 | 13.76 | 3.01 | -- | -- | 15.21 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 5.64 | 20.3 | 11.37 | 5.088 | -- | -- | 14.13 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 neptune ave | lte02ft | naphthalene | mg/kg | 10 | 14 | 71 | 0.0029 | 0.032 | 0.00959 | 0.00915 | 0.00026 | 0.0003 | 0.0115 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 neptune ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0063 | 0.3 | 0.0726 | 0.089 | -- | -- | 0.133 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte02ft | toluene | µg/kg | 10 | 14 | 71 | 0.14 | 1.4 | 0.473 | 0.425 | 0.12 | 0.13 | 0.55 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 39 | 690 | 163.8 | 171.7 | -- | -- | 249.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte02ft | tph as gasoline | mg/kg | 6 | 14 | 43 | 0.054 | 0.19 | 0.106 | 0.0504 | 0.048 | 0.063 | 0.104 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 neptune ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 94 | 1800 | 413.1 | 431.2 | -- | -- | 617.2 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 21.8 | 34.3 | 26.14 | 3.551 | -- | -- | 27.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 30.3 | 60.5 | 41.21 | 10.69 | -- | -- | 46.39 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 21 | 24 | 0.17 | 70 | 20.51 | 30.66 | 0.089 | 0.12 | 15.05 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 13 | 21 | 62 | 0.0037 | 18 | 2.897 | 6.52 | 0.0021 | 0.021 | 6.869 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 21 | 90 | 0.0031 | 25 | 2.639 | 7.258 | 0.003 | 0.003 | 8.998 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte05ft | arsenic | mg/kg | 21 | 21 | 100 | 3.13 | 8.68 | 5.23 | 1.593 | -- | -- | 5.829 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 neptune ave | lte05ft | bap teq | mg/kg | 21 | 21 | 100 | 0.00173 | 0.369 | 0.0522 | 0.0872 | -- | -- | 0.0893 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte05ft | benzene | µg/kg | 19 | 21 | 90 | 0.13 | 50 | 3.175 | 11.37 | 0.1 | 11 | 13.23 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 20 | 21 | 95 | 0.0049 | 0.99 | 0.124 | 0.267 | 0.0033 | 0.0033 | 0.368 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 21 | 71 | 0.0048 | 0.23 | 0.0391 | 0.0575 | 0.001 | 0.099 | 0.079 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte05ft | chrysene | mg/kg | 21 | 21 | 100 | 0.013 | 1.8 | 0.262 | 0.465 | -- | -- | 0.704 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 neptune ave | lte05ft | cobalt | mg/kg | 21 | 21 | 100 | 6.32 | 8.22 | 7.115 | 0.667 | -- | -- | 7.374 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 neptune ave | lte05ft | copper | mg/kg | 21 | 21 | 100 | 8.45 | 18.5 | 12.65 | 3.077 | -- | -- | 13.86 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 neptune ave | lte05ft | ethylbenzene | µg/kg | 7 | 21 | 33 | 0.13 | 280 | 50.77 | 102.6 | 0.12 | 0.15 | 41.32 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte05ft | lead | mg/kg | 21 | 21 | 100 | 5.38 | 20.3 | 9.88 | 4.68 | -- | -- | 11.69 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte05ft | naphthalene | mg/kg | 16 | 21 | 76 | 0.00083 | 6.6 | 0.838 | 2.08 | 0.00025 | 0.0003 | 2.401 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte05ft | pyrene | mg/kg | 21 | 21 | 100 | 0.0063 | 2.9 | 0.326 | 0.768 | -- | -- | 1.057 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 neptune ave | lte05ft | toluene | µg/kg | 14 | 21 | 67 | 0.14 | 1.4 | 0.406 | 0.374 | 0.11 | 12 | 0.48 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 neptune ave | lte05ft | tph as diesel | mg/kg | 21 | 21 | 100 | 39 | 9200 | 1078 | 2691 | -- | -- | 3637 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte05ft | tph as gasoline | mg/kg | 13 | 21 | 62 | 0.054 | 89 | 21.46 | 30.57 | 0.048 | 0.063 | 22.11 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 neptune ave | lte05ft | tph as motor oil | mg/kg | 21 | 21 | 100 | 94 | 8900 | 1228 | 2479 | -- | -- | 3586 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte05ft | vanadium | mg/kg | 21 | 21 | 100 | 21.8 | 34.3 | 27.13 | 3.484 | -- | -- | 28.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 neptune ave | lte05ft | xylenes, total | µg/kg | 8 | 21 | 38 | 0.21 | 58 | 9.284 | 20.02 | 0.15 | 0.18 | 8.644 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 neptune ave | lte05ft | zinc | mg/kg | 21 | 21 | 100 | 26.7 | 60.5 | 37.76 | 10.12 | -- | -- | 41.67 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 26 | 38 | 0.17 | 6800 | 1180 | 2264 | 0.089 | 0.12 | 966.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 26 | 27 | 0.16 | 290 | 59.47 | 107.3 | 0.075 | 8 | 37.07 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 18 | 26 | 69 | 0.0037 | 55 | 7.848 | 14.83 | 0.0021 | 0.021 | 16.45 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 26 | 92 | 0.0031 | 81 | 8.702 | 19.73 | 0.003 | 0.003 | 24.36 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte10ft | arsenic | mg/kg | 26 | 26 | 100 | 2.69 | 8.68 | 4.911 | 1.603 | -- | -- | 5.448 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 neptune ave | lte10ft | bap teq | mg/kg | 25 | 26 | 96 | 0.00173 | 0.571 | 0.0932 | 0.159 | 0.0103 | 0.0103 | 0.224 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 neptune ave | lte10ft | benzene | µg/kg | 24 | 26 | 92 | 0.13 | 720 | 56.73 | 169.8 | 0.1 | 11 | 192.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 24 | 26 | 92 | 0.0049 | 1.5 | 0.225 | 0.416 | 0.0033 | 0.013 | 0.554 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 16 | 26 | 62 | 0.0048 | 0.29 | 0.0548 | 0.0838 | 0.001 | 0.39 | 0.067 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 neptune ave | lte10ft | chrysene | mg/kg | 25 | 26 | 96 | 0.013 | 4.1 | 0.515 | 0.965 | 0.024 | 0.024 | 1.31 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 neptune ave | lte10ft | cobalt | mg/kg | 26 | 26 | 100 | 6.32 | 8.22 | 7.076 | 0.627 | -- | -- | 7.29 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 neptune ave | lte10ft | copper | mg/kg | 26 | 26 | 100 | 7.58 | 18.5 | 11.77 | 3.323 | -- | -- | 12.93 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte10ft | ethylbenzene | µg/kg | 12 | 26 | 46 | 0.13 | 3000 | 433.8 | 924.9 | 0.12 | 0.15 | 424 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte10ft | lead | mg/kg | 26 | 26 | 100 | 4.87 | 20.3 | 8.96 | 4.606 | -- | -- | 10.55 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte10ft | naphthalene | mg/kg | 21 | 26 | 81 | 0.00083 | 28 | 3.194 | 7.009 | 0.00025 | 0.0003 | 8.077 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte10ft | pyrene | mg/kg | 26 | 26 | 100 | 0.0063 | 4.4 | 0.603 | 1.196 | -- | -- | 1.625 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 neptune ave | lte10ft | toluene | µg/kg | 18 | 26 | 69 | 0.14 | 5.9 | 0.795 | 1.354 | 0.11 | 12 | 1.706 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte10ft | tph as diesel | mg/kg | 26 | 26 | 100 | 39 | 13000 | 2130 | 3830 | -- | -- | 5404 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte10ft | tph as gasoline | mg/kg | 18 | 26 | 69 | 0.054 | 460 | 108.3 | 159.2 | 0.048 | 0.063 | 118.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 neptune ave | lte10ft | tph as motor oil | mg/kg | 26 | 26 | 100 | 94 | 11000 | 2100 | 3341 | -- | -- | 4956 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 neptune ave | lte10ft | vanadium | mg/kg | 26 | 26 | 100 | 21.8 | 34.3 | 26.78 | 3.252 | -- | -- | 27.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 neptune ave | lte10ft | xylenes, total | µg/kg | 13 | 26 | 50 | 0.21 | 4100 | 451.8 | 1171 | 0.15 | 0.18 | 961.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 neptune ave | lte10ft | zinc | mg/kg | 26 | 26 | 100 | 24.1 | 60.5 | 35.44 | 10.28 | -- | -- | 38.86 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 9 | 100 | 0.21 | 560 | 119.2 | 195.4 | -- | -- | 560 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 9 | 67 | 0.95 | 170 | 51.21 | 66.79 | 0.077 | 0.081 | 71.89 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24618 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 9 | 78 | 0.0012 | 11 | 2.307 | 3.955 | 0.0011 | 0.0011 | 7.082 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 9 | 89 | 0.0015 | 15 | 2.362 | 5.134 | 0.0006 | 0.0006 | 9.227 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 1.83 | 18.2 | 5.821 | 4.853 | -- | -- | 9.305 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | bap teq | mg/kg | 9 | 9 | 100 | 0.000605 | 0.927 | 0.361 | 0.333 | -- | -- | 0.568 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | benzene | µg/kg | 5 | 9 | 56 | 0.11 | 0.91 | 0.456 | 0.302 | 0.11 | 12 | 0.634 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 9 | 100 | 0.0011 | 0.9 | 0.391 | 0.349 | -- | -- | 0.607 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 9 | 89 | 0.0013 | 0.83 | 0.315 | 0.279 | 0.0005 | 0.0005 | 0.455 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 9 | 67 | 0.0007 | 0.31 | 0.133 | 0.124 | 0.0004 | 0.028 | 0.167 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | chrysene | mg/kg | 8 | 9 | 89 | 0.0041 | 2.2 | 1.259 | 0.883 | 0.0012 | 0.0012 | 1.698 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 6.02 | 9.95 | 7.454 | 1.544 | -- | -- | 8.494 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.1 | 18.6 | 10.45 | 3.621 | -- | -- | 12.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 6 | 9 | 67 | 2 | 69 | 26.73 | 31.68 | 0.12 | 0.13 | 38.12 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 9 | 78 | 0.0022 | 0.16 | 0.0956 | 0.0556 | 0.0009 | 0.0009 | 0.116 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 4.01 | 62 | 19.17 | 19.64 | -- | -- | 36.77 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | naphthalene | mg/kg | 7 | 9 | 78 | 0.0012 | 3.7 | 0.723 | 1.318 | 0.00026 | 0.00027 | 2.316 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | pyrene | mg/kg | 9 | 9 | 100 | 0.0014 | 4.4 | 1.639 | 1.68 | -- | -- | 2.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | toluene | µg/kg | 7 | 9 | 78 | 0.2 | 22 | 6.103 | 9.566 | 0.42 | 40 | 19.53 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | tph as diesel | mg/kg | 6 | 9 | 67 | 120 | 8500 | 3488 | 3345 | 4.8 | 4.8 | 4507 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 6 | 9 | 67 | 9.8 | 200 | 69.47 | 66.64 | 0.047 | 0.05 | 97.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 6 | 9 | 67 | 390 | 11000 | 5165 | 4398 | 7 | 7 | 6411 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 20.7 | 39.1 | 30.28 | 7.601 | -- | -- | 34.99 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 9 | 67 | 0.18 | 170 | 44.56 | 70.14 | 0.16 | 43 | 69.39 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 23.6 | 48.2 | 35.91 | 8.517 | -- | -- | 41.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 12 | 92 | 0.12 | 0.61 | 0.333 | 0.156 | 0.093 | 0.093 | 0.399 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte02ft | 1,4-dichlorobenzene | µg/kg | 5 | 12 | 42 | 0.15 | 0.23 | 0.186 | 0.0336 | 0.12 | 0.15 | 0.192 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0052 | 1.4 | 0.24 | 0.568 | 0.0011 | 0.043 | 0.654 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.0034 | 0.56 | 0.0838 | 0.17 | 0.0006 | 0.0006 | 0.269 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 1.58 | 4.97 | 2.954 | 1.221 | -- | -- | 3.587 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00186 | 1.197 | 0.166 | 0.339 | -- | -- | 0.511 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte02ft | benzene | µg/kg | 12 | 12 | 100 | 0.17 | 0.72 | 0.374 | 0.183 | -- | -- | 0.469 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0021 | 0.98 | 0.141 | 0.28 | -- | -- | 0.494 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.0013 | 0.98 | 0.133 | 0.277 | -- | -- | 0.42 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 12 | 92 | 0.001 | 0.46 | 0.0621 | 0.136 | 0.0028 | 0.0028 | 0.222 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 12 | 67 | 0.0011 | 0.083 | 0.0174 | 0.0268 | 0.0011 | 0.09 | 0.0312 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0028 | 3.1 | 0.465 | 0.901 | -- | -- | 1.456 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.15 | 7.24 | 6.021 | 0.657 | -- | -- | 6.361 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 6.76 | 17.2 | 10.28 | 3.121 | -- | -- | 11.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 12 | 42 | 0.0011 | 0.062 | 0.0166 | 0.0255 | 0.0007 | 0.054 | 0.0174 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 12 | 67 | 0.0012 | 0.28 | 0.0471 | 0.0957 | 0.0009 | 0.0069 | 0.0784 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 3.55 | 51.3 | 13.48 | 13.12 | -- | -- | 21.05 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte02ft | naphthalene | mg/kg | 9 | 12 | 75 | 0.0015 | 0.22 | 0.0397 | 0.0707 | 0.00031 | 0.00033 | 0.11 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0026 | 5.4 | 0.546 | 1.54 | -- | -- | 2.484 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte02ft | toluene | µg/kg | 12 | 12 | 100 | 0.2 | 2 | 0.611 | 0.497 | -- | -- | 0.904 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte02ft | tph as diesel | mg/kg | 10 | 12 | 83 | 26 | 6500 | 836 | 2006 | 4.8 | 4.8 | 3040 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte02ft | tph as motor oil | mg/kg | 10 | 12 | 83 | 120 | 11000 | 1671 | 3350 | 7 | 7 | 5336 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 15.7 | 27.7 | 21.72 | 4.428 | -- | -- | 24.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte02ft | xylenes, total | µg/kg | 9 | 12 | 75 | 0.22 | 1.2 | 0.524 | 0.326 | 0.16 | 0.19 | 0.612 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 19.1 | 52.6 | 32.48 | 10.82 | -- | -- | 38.61 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 19 | 89 | 0.12 | 420 | 50.87 | 121 | 0.093 | 11 | 161.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 panama ave | lte05ft | 1,4-dichlorobenzene | µg/kg | 5 | 19 | 26 | 0.15 | 0.23 | 0.186 | 0.0336 | 0.12 | 19 | 0.191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 19 | 53 | 0.0052 | 6.2 | 0.867 | 1.926 | 0.0011 | 0.043 | 1.102 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 15 | 19 | 79 | 0.0023 | 9.5 | 0.737 | 2.43 | 0.0006 | 0.0006 | 2.763 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 1.58 | 8.48 | 3.175 | 1.727 | -- | -- | 3.888 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | bap teq | mg/kg | 19 | 19 | 100 | 0.00129 | 1.197 | 0.13 | 0.274 | -- | -- | 0.285 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | benzene | µg/kg | 15 | 19 | 79 | 0.17 | 0.72 | 0.341 | 0.176 | 11 | 13 | 0.414 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 19 | 95 | 0.001 | 0.98 | 0.118 | 0.236 | 0.039 | 0.039 | 0.343 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 19 | 100 | 0.0008 | 0.98 | 0.103 | 0.223 | -- | -- | 0.23 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 19 | 89 | 0.0005 | 0.46 | 0.0518 | 0.111 | 0.0014 | 0.0028 | 0.152 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 19 | 47 | 0.0011 | 0.083 | 0.0204 | 0.0266 | 0.0011 | 0.09 | 0.02 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24618 panama ave | lte05ft | chrysene | mg/kg | 19 | 19 | 100 | 0.0024 | 3.1 | 0.38 | 0.731 | -- | -- | 0.839 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 4.38 | 7.75 | 6.003 | 0.882 | -- | -- | 6.354 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 4.86 | 17.2 | 9.483 | 3.351 | -- | -- | 10.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 19 | 32 | 0.0011 | 0.062 | 0.0182 | 0.0232 | 0.0007 | 0.054 | 0.0131 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 19 | 58 | 0.001 | 0.28 | 0.0395 | 0.082 | 0.0009 | 0.027 | 0.0507 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 3.08 | 51.3 | 11.07 | 11.09 | -- | -- | 15.37 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte05ft | naphthalene | mg/kg | 14 | 19 | 74 | 0.001 | 2 | 0.205 | 0.525 | 0.00025 | 0.00033 | 0.611 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte05ft | pyrene | mg/kg | 19 | 19 | 100 | 0.0015 | 5.4 | 0.462 | 1.23 | -- | -- | 1.692 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte05ft | toluene | µg/kg | 15 | 19 | 79 | 0.19 | 2 | 0.548 | 0.463 | 12 | 43 | 0.757 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | tph as diesel | mg/kg | 14 | 19 | 74 | 26 | 6500 | 1058 | 1943 | 4.8 | 4.8 | 2520 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte05ft | tph as gasoline | mg/kg | 6 | 19 | 32 | 0.066 | 83 | 37.52 | 32.15 | 0.045 | 0.062 | 48.42 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte05ft | tph as motor oil | mg/kg | 14 | 19 | 74 | 120 | 11000 | 1803 | 2950 | 7 | 7 | 4007 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 15.7 | 30.6 | 21.82 | 4.612 | -- | -- | 23.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte05ft | xylenes, total | µg/kg | 12 | 19 | 63 | 0.22 | 65 | 14.98 | 26.35 | 0.15 | 19 | 31.77 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 panama ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 17.7 | 52.6 | 29.61 | 10.1 | -- | -- | 33.83 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 26 | 28 | 93 | 0.12 | 560 | 74.53 | 150.6 | 0.093 | 11 | 189.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 28 | 36 | 0.15 | 170 | 45.54 | 53.14 | 0.076 | 9.5 | 28.98 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | 1,4-dichlorobenzene | µg/kg | 5 | 28 | 18 | 0.15 | 0.23 | 0.186 | 0.0336 | 0.12 | 19 | 0.188 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 17 | 28 | 61 | 0.0012 | 11 | 1.46 | 2.913 | 0.0011 | 0.043 | 1.73 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 23 | 28 | 82 | 0.0015 | 15 | 1.302 | 3.574 | 0.0006 | 0.0006 | 3.77 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 1.58 | 18.2 | 4.026 | 3.248 | -- | -- | 4.948 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte10ft | bap teq | mg/kg | 28 | 28 | 100 | 0.000605 | 1.197 | 0.204 | 0.308 | -- | -- | 0.381 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | benzene | µg/kg | 20 | 28 | 71 | 0.11 | 0.91 | 0.37 | 0.211 | 0.11 | 13 | 0.435 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 27 | 28 | 96 | 0.001 | 0.98 | 0.209 | 0.302 | 0.039 | 0.039 | 0.448 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 27 | 28 | 96 | 0.0008 | 0.98 | 0.166 | 0.255 | 0.0005 | 0.0005 | 0.368 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 28 | 82 | 0.0005 | 0.46 | 0.073 | 0.117 | 0.0004 | 0.028 | 0.151 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 28 | 43 | 0.0011 | 0.11 | 0.0267 | 0.0351 | 0.0011 | 0.09 | 0.0224 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | chrysene | mg/kg | 27 | 28 | 96 | 0.0024 | 3.1 | 0.64 | 0.864 | 0.0012 | 0.0012 | 1.324 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 4.38 | 9.95 | 6.469 | 1.305 | -- | -- | 6.89 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 4.86 | 18.6 | 9.793 | 3.403 | -- | -- | 10.93 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 28 | 36 | 0.0011 | 0.15 | 0.0358 | 0.0462 | 0.0007 | 0.054 | 0.0246 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | ethylbenzene | µg/kg | 10 | 28 | 36 | 0.48 | 99 | 37.59 | 38.09 | 0.12 | 15 | 24.31 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 28 | 64 | 0.001 | 0.28 | 0.0613 | 0.0764 | 0.0009 | 0.027 | 0.0605 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | lead | mg/kg | 28 | 28 | 100 | 3.08 | 62 | 13.67 | 14.53 | -- | -- | 18.68 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte10ft | naphthalene | mg/kg | 21 | 28 | 75 | 0.001 | 3.7 | 0.377 | 0.874 | 0.00025 | 0.00033 | 0.922 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte10ft | pyrene | mg/kg | 28 | 28 | 100 | 0.0014 | 5.4 | 0.84 | 1.469 | -- | -- | 2.05 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 panama ave | lte10ft | toluene | µg/kg | 22 | 28 | 79 | 0.19 | 22 | 2.315 | 5.771 | 0.42 | 43 | 6.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 panama ave | lte10ft | tph as diesel | mg/kg | 20 | 28 | 71 | 26 | 8500 | 1787 | 2614 | 4.8 | 4.8 | 3224 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 panama ave | lte10ft | tph as gasoline | mg/kg | 12 | 28 | 43 | 0.066 | 200 | 53.49 | 52.6 | 0.045 | 0.062 | 59.32 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 panama ave | lte10ft | tph as motor oil | mg/kg | 20 | 28 | 71 | 120 | 11000 | 2812 | 3680 | 7 | 7 | 4803 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 15.7 | 39.1 | 24.54 | 6.892 | -- | -- | 26.84 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 panama ave | lte10ft | xylenes, total | µg/kg | 18 | 28 | 64 | 0.18 | 170 | 24.84 | 45.85 | 0.15 | 43 | 47.96 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 panama ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 17.7 | 52.6 | 31.64 | 9.925 | -- | -- | 34.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 4.57 | 7.09 | 5.777 | 0.751 | -- | -- | 6.212 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 4.31 | 6.7 | 5.54 | 0.72 | -- | -- | 5.957 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 6.4 | 9.67 | 7.809 | 0.927 | -- | -- | 8.347 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 2.66 | 3.51 | 3.06 | 0.287 | -- | -- | 3.226 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | gt05lte10ft | pyrene | mg/kg | 6 | 10 | 60 | 0.0008 | 0.0051 | 0.00202 | 0.00169 | 0.0008 | 0.0008 | 0.00238 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 21 | 31.5 | 26.65 | 3.462 | -- | -- | 28.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 20 | 30.8 | 26.46 | 3.357 | -- | -- | 28.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 20 | 25 | 0.0023 | 0.021 | 0.00736 | 0.00768 | 0.0011 | 0.0054 | 0.00617 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 20 | 60 | 0.0006 | 0.022 | 0.00712 | 0.00709 | 0.0006 | 0.0024 | 0.00712 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 1.81 | 15.1 | 4.743 | 3.593 | -- | -- | 8.245 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte02ft | bap teq | mg/kg | 16 | 20 | 80 | 0.00091 | 0.0259 | 0.00905 | 0.00851 | 0.00053 | 0.00053 | 0.0111 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 ravenna ave | lte02ft | benzene | µg/kg | 10 | 20 | 50 | 0.12 | 0.61 | 0.312 | 0.15 | 0.1 | 0.11 | 0.289 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 20 | 75 | 0.0008 | 0.028 | 0.00763 | 0.0084 | 0.0007 | 0.0007 | 0.0136 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 20 | 80 | 0.0006 | 0.018 | 0.00631 | 0.00602 | 0.0005 | 0.0005 | 0.0109 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 20 | 75 | 0.0005 | 0.01 | 0.00418 | 0.00348 | 0.0004 | 0.0014 | 0.00456 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 20 | 30 | 0.0014 | 0.0053 | 0.00335 | 0.00161 | 0.0011 | 0.0056 | 0.00338 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24618 ravenna ave | lte02ft | cadmium | mg/kg | 17 | 20 | 85 | 0.0914 | 0.189 | 0.136 | 0.0334 | 0.0883 | 0.0883 | 0.143 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte02ft | chrysene | mg/kg | 15 | 20 | 75 | 0.0022 | 0.12 | 0.024 | 0.0319 | 0.0012 | 0.0012 | 0.0471 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 5.37 | 7.93 | 6.365 | 0.607 | -- | -- | 6.599 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 5.93 | 17.8 | 9.424 | 3.304 | -- | -- | 10.77 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 20 | 50 | 0.0007 | 0.0065 | 0.00371 | 0.0023 | 0.0007 | 0.0027 | 0.00319 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 20 | 65 | 0.0009 | 0.0095 | 0.00405 | 0.00288 | 0.0009 | 0.0035 | 0.00404 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 2.51 | 7.25 | 3.873 | 1.407 | -- | -- | 4.434 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte02ft | naphthalene | mg/kg | 15 | 20 | 75 | 0.00028 | 0.042 | 0.00661 | 0.0103 | 0.00024 | 0.00027 | 0.0142 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte02ft | pyrene | mg/kg | 16 | 20 | 80 | 0.0016 | 0.036 | 0.0123 | 0.0118 | 0.0008 | 0.0008 | 0.0213 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 ravenna ave | lte02ft | toluene | µg/kg | 6 | 20 | 30 | 0.11 | 1.2 | 0.328 | 0.429 | 0.11 | 0.13 | 0.284 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte02ft | tph as diesel | mg/kg | 10 | 20 | 50 | 18 | 340 | 84.8 | 96.77 | 4.8 | 4.8 | 81.15 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte02ft | tph as gasoline | mg/kg | 8 | 20 | 40 | 0.06 | 0.14 | 0.0808 | 0.0276 | 0.045 | 0.053 | 0.0762 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 ravenna ave | lte02ft | tph as motor oil | mg/kg | 12 | 20 | 60 | 11 | 1000 | 245.1 | 272 | 7 | 7 | 270.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 18.4 | 35.1 | 23.09 | 4.796 | -- | -- | 24.99 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 20 | 37.2 | 25.42 | 5.377 | -- | -- | 27.55 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24618 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 30 | 30 | 0.0012 | 12 | 1.338 | 3.998 | 0.0011 | 0.0054 | 2.22 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 17 | 30 | 57 | 0.0006 | 10 | 0.595 | 2.424 | 0.0006 | 0.0024 | 1.809 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 1.81 | 15.1 | 4.456 | 2.948 | -- | -- | 5.394 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24618 ravenna ave | lte05ft | bap teq | mg/kg | 20 | 30 | 67 | 0.00091 | 0.746 | 0.0463 | 0.165 | 0.00053 | 0.00053 | 0.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | benzene | µg/kg | 11 | 30 | 37 | 0.12 | 0.61 | 0.327 | 0.151 | 0.098 | 11 | 0.268 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 30 | 63 | 0.0008 | 0.73 | 0.0461 | 0.166 | 0.0007 | 0.0007 | 0.136 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 30 | 67 | 0.0006 | 0.6 | 0.0363 | 0.133 | 0.0005 | 0.0005 | 0.112 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 30 | 63 | 0.0005 | 0.17 | 0.0129 | 0.0382 | 0.0004 | 0.0014 | 0.0331 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 30 | 20 | 0.0014 | 0.0053 | 0.00335 | 0.00161 | 0.0011 | 0.23 | 0.00322 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte05ft | cadmium | mg/kg | 24 | 30 | 80 | 0.0914 | 0.189 | 0.127 | 0.0327 | 0.0883 | 0.0883 | 0.129 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | chrysene | mg/kg | 19 | 30 | 63 | 0.0022 | 1.4 | 0.0971 | 0.317 | 0.0012 | 0.0012 | 0.267 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 5.37 | 9.34 | 7.106 | 1.29 | -- | -- | 7.51 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | copper | mg/kg | 30 | 30 | 100 | 5.93 | 17.8 | 9.2 | 2.712 | -- | -- | 10.04 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 13 | 30 | 43 | 0.0007 | 0.0082 | 0.00363 | 0.00263 | 0.0007 | 0.13 | 0.00285 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 30 | 50 | 0.0009 | 0.01 | 0.00426 | 0.00319 | 0.0009 | 0.17 | 0.00355 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte05ft | lead | mg/kg | 30 | 30 | 100 | 2.51 | 10.4 | 4.113 | 1.651 | -- | -- | 4.647 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | naphthalene | mg/kg | 20 | 30 | 67 | 0.00028 | 2.2 | 0.116 | 0.491 | 0.00024 | 0.00027 | 0.399 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | pyrene | mg/kg | 20 | 30 | 67 | 0.0016 | 2.1 | 0.117 | 0.467 | 0.0008 | 0.0008 | 0.385 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | toluene | µg/kg | 7 | 30 | 23 | 0.11 | 1.4 | 0.481 | 0.563 | 0.11 | 12 | 0.351 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | tph as diesel | mg/kg | 13 | 30 | 43 | 5.4 | 5100 | 466.4 | 1395 | 4.8 | 4.8 | 960 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 ravenna ave | lte05ft | tph as gasoline | mg/kg | 11 | 30 | 37 | 0.048 | 83 | 7.613 | 25 | 0.045 | 0.053 | 15.25 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | tph as motor oil | mg/kg | 16 | 30 | 53 | 11 | 7200 | 664.8 | 1761 | 7 | 7 | 1418 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 ravenna ave | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 18.4 | 35.1 | 25.43 | 5.507 | -- | -- | 27.14 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 20 | 37.2 | 25.75 | 4.408 | -- | -- | 27.15 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 40 | 25 | 0.0012 | 12 | 1.206 | 3.793 | 0.0011 | 0.0054 | 1.663 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 19 | 40 | 48 | 0.0006 | 10 | 0.533 | 2.293 | 0.0006 | 0.0024 | 1.358 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 1.81 | 15.1 | 4.787 | 2.632 | -- | -- | 5.501 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte10ft | bap teq | mg/kg | 24 | 40 | 60 | 0.00078 | 0.746 | 0.0388 | 0.151 | 0.00053 | 0.00053 | 0.105 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | benzene | µg/kg | 12 | 40 | 30 | 0.12 | 0.61 | 0.31 | 0.156 | 0.098 | 11 | 0.222 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 21 | 40 | 53 | 0.0008 | 0.73 | 0.0418 | 0.158 | 0.0007 | 0.0007 | 0.103 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 24 | 40 | 60 | 0.0005 | 0.6 | 0.0304 | 0.121 | 0.0005 | 0.0005 | 0.0841 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 40 | 50 | 0.0005 | 0.17 | 0.0123 | 0.0373 | 0.0004 | 0.0014 | 0.0151 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 40 | 15 | 0.0014 | 0.0053 | 0.00335 | 0.00161 | 0.0011 | 0.23 | 0.00314 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte10ft | cadmium | mg/kg | 27 | 40 | 68 | 0.0914 | 0.189 | 0.124 | 0.0317 | 0.0883 | 0.0883 | 0.122 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | chrysene | mg/kg | 21 | 40 | 53 | 0.0015 | 1.4 | 0.0882 | 0.302 | 0.0012 | 0.0012 | 0.201 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 4.31 | 9.34 | 6.714 | 1.352 | -- | -- | 7.078 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 5.93 | 17.8 | 8.852 | 2.458 | -- | -- | 9.525 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 13 | 40 | 33 | 0.0007 | 0.0082 | 0.00363 | 0.00263 | 0.0007 | 0.13 | 0.00233 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24618 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 40 | 38 | 0.0009 | 0.01 | 0.00426 | 0.00319 | 0.0009 | 0.17 | 0.0029 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24618 ravenna ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 2.51 | 10.4 | 3.85 | 1.503 | -- | -- | 4.268 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | naphthalene | mg/kg | 23 | 40 | 58 | 0.00028 | 2.2 | 0.101 | 0.458 | 0.00024 | 0.00027 | 0.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | pyrene | mg/kg | 26 | 40 | 65 | 0.0008 | 2.1 | 0.0906 | 0.41 | 0.0008 | 0.0008 | 0.289 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | toluene | µg/kg | 7 | 40 | 18 | 0.11 | 1.4 | 0.481 | 0.563 | 0.11 | 12 | 0.296 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | tph as diesel | mg/kg | 13 | 40 | 33 | 5.4 | 5100 | 466.4 | 1395 | 4.8 | 4.8 | 724.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24618 ravenna ave | lte10ft | tph as gasoline | mg/kg | 14 | 40 | 35 | 0.048 | 83 | 6.011 | 22.16 | 0.045 | 0.053 | 11.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | tph as motor oil | mg/kg | 18 | 40 | 45 | 11 | 7200 | 592.7 | 1667 | 7 | 7 | 1070 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24618 ravenna ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 18.4 | 35.1 | 25.74 | 5.06 | -- | -- | 27.08 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24618 ravenna ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 20 | 37.2 | 25.93 | 4.141 | -- | -- | 27.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 12 | 42 | 0.0012 | 0.0096 | 0.00422 | 0.00379 | 0.0011 | 0.021 | 0.0045 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 12 | 67 | 0.0014 | 0.021 | 0.00801 | 0.00732 | 0.0024 | 0.003 | 0.00943 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 3.78 | 14.2 | 8.852 | 3.164 | -- | -- | 10.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00233 | 0.0555 | 0.0146 | 0.0144 | -- | -- | 0.0241 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte02ft | benzene | µg/kg | 10 | 12 | 83 | 0.11 | 0.62 | 0.293 | 0.135 | 0.11 | 0.12 | 0.336 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 12 | 92 | 0.0026 | 0.062 | 0.015 | 0.0164 | 0.0026 | 0.0026 | 0.0342 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 12 | 83 | 0.0028 | 0.041 | 0.0127 | 0.011 | 0.002 | 0.0025 | 0.0173 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 12 | 75 | 0.0017 | 0.027 | 0.0084 | 0.0079 | 0.0014 | 0.0018 | 0.0105 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte02ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 12 | 42 | 0.75 | 1.2 | 0.894 | 0.182 | 0.16 | 0.33 | 0.917 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | chrysene | mg/kg | 10 | 12 | 83 | 0.0073 | 0.14 | 0.0369 | 0.038 | 0.0047 | 0.0059 | 0.0536 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 6.98 | 10.7 | 8.323 | 1.312 | -- | -- | 9.003 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 10.5 | 23 | 14.6 | 3.729 | -- | -- | 16.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 12 | 75 | 0.0016 | 0.0092 | 0.00479 | 0.00254 | 0.0043 | 0.017 | 0.00578 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.37 | 10.3 | 7.901 | 1.869 | -- | -- | 8.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | naphthalene | mg/kg | 9 | 12 | 75 | 0.00034 | 0.0086 | 0.00275 | 0.00266 | 0.00027 | 0.00031 | 0.00348 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | pyrene | mg/kg | 10 | 12 | 83 | 0.0047 | 0.068 | 0.0189 | 0.0181 | 0.0033 | 0.0041 | 0.0275 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte02ft | toluene | µg/kg | 9 | 12 | 75 | 0.15 | 0.28 | 0.196 | 0.0388 | 0.12 | 0.13 | 0.206 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | tph as diesel | mg/kg | 11 | 12 | 92 | 13 | 690 | 222 | 241.8 | 4.8 | 4.8 | 505.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 19 | 2000 | 650 | 699.5 | -- | -- | 1315 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 26.9 | 40.5 | 32.31 | 4.616 | -- | -- | 34.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 30.6 | 54 | 40.9 | 6.364 | -- | -- | 44.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 22 | 50 | 0.11 | 2900 | 495.2 | 1071 | 0.091 | 0.14 | 541.5 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 22 | 32 | 0.13 | 150 | 39.99 | 58.13 | 0.077 | 8 | 26.92 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 22 | 64 | 0.0012 | 9.6 | 1.809 | 2.871 | 0.0011 | 0.021 | 2.115 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 17 | 22 | 77 | 0.0014 | 14 | 2.011 | 3.834 | 0.0024 | 0.003 | 4.788 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 3.78 | 14.2 | 8.634 | 3.151 | -- | -- | 9.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte05ft | bap teq | mg/kg | 22 | 22 | 100 | 0.00233 | 0.845 | 0.0827 | 0.179 | -- | -- | 0.146 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte05ft | benzene | µg/kg | 19 | 22 | 86 | 0.11 | 260 | 16.92 | 59.19 | 0.11 | 11 | 66.06 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 22 | 95 | 0.0026 | 1.1 | 0.121 | 0.245 | 0.0026 | 0.0026 | 0.339 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 22 | 77 | 0.0028 | 0.64 | 0.0612 | 0.151 | 0.002 | 0.2 | 0.175 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 22 | 59 | 0.0017 | 0.32 | 0.0403 | 0.0863 | 0.0014 | 0.14 | 0.0521 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 9 | 22 | 41 | 0.75 | 1.2 | 0.887 | 0.158 | 0.16 | 1.6 | 0.869 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 neptune ave | lte05ft | chrysene | mg/kg | 20 | 22 | 91 | 0.0073 | 2.1 | 0.258 | 0.474 | 0.0047 | 0.0059 | 0.661 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 5.87 | 11 | 8.222 | 1.322 | -- | -- | 8.707 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 8.84 | 23 | 14.6 | 3.879 | -- | -- | 16.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 22 | 23 | 0.0015 | 0.024 | 0.00672 | 0.00968 | 0.0007 | 0.27 | 0.00735 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 neptune ave | lte05ft | ethylbenzene | µg/kg | 10 | 22 | 45 | 0.18 | 2700 | 508.3 | 851.9 | 0.12 | 0.15 | 463.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 22 | 41 | 0.0016 | 0.0092 | 0.00479 | 0.00254 | 0.0043 | 0.35 | 0.0053 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 4.37 | 30.9 | 8.697 | 5.388 | -- | -- | 10.82 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 neptune ave | lte05ft | naphthalene | mg/kg | 19 | 22 | 86 | 0.00034 | 5.4 | 0.989 | 1.688 | 0.00027 | 0.00031 | 2.348 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 neptune ave | lte05ft | pyrene | mg/kg | 20 | 22 | 91 | 0.0047 | 2.2 | 0.279 | 0.509 | 0.0033 | 0.0041 | 0.711 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 neptune ave | lte05ft | toluene | µg/kg | 18 | 22 | 82 | 0.15 | 26 | 5.198 | 9.575 | 0.12 | 0.13 | 12.54 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 neptune ave | lte05ft | tph as diesel | mg/kg | 21 | 22 | 95 | 13 | 12000 | 1862 | 2828 | 4.8 | 4.8 | 4372 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte05ft | tph as gasoline | mg/kg | 14 | 22 | 64 | 0.054 | 690 | 176.8 | 219.1 | 0.046 | 0.062 | 186.5 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte05ft | tph as motor oil | mg/kg | 22 | 22 | 100 | 19 | 13000 | 2326 | 3009 | -- | -- | 3954 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 24.4 | 42.3 | 32.59 | 5.112 | -- | -- | 34.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte05ft | xylenes, total | µg/kg | 10 | 22 | 45 | 0.27 | 480 | 97.22 | 182.3 | 0.16 | 0.19 | 168 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 neptune ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 30.1 | 69.8 | 41.7 | 9.249 | -- | -- | 45.11 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 28 | 61 | 0.11 | 8000 | 1770 | 2718 | 0.091 | 0.14 | 1893 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 28 | 43 | 0.13 | 1500 | 443.4 | 626.5 | 0.077 | 8 | 341.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 20 | 28 | 71 | 0.0012 | 59 | 9.491 | 16.38 | 0.0011 | 0.021 | 18.75 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 23 | 28 | 82 | 0.0014 | 87 | 11.78 | 22.74 | 0.0024 | 0.003 | 27.07 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 3.58 | 14.2 | 7.708 | 3.327 | -- | -- | 8.921 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte10ft | bap teq | mg/kg | 28 | 28 | 100 | 0.00233 | 1.822 | 0.241 | 0.425 | -- | -- | 0.439 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte10ft | benzene | µg/kg | 24 | 28 | 86 | 0.11 | 2400 | 229.7 | 559.9 | 0.11 | 11 | 629.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24619 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 27 | 28 | 96 | 0.0026 | 2.9 | 0.373 | 0.665 | 0.0026 | 0.0026 | 0.901 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 20 | 28 | 71 | 0.0028 | 1.3 | 0.148 | 0.321 | 0.002 | 0.99 | 0.344 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 14 | 28 | 50 | 0.0017 | 0.32 | 0.0411 | 0.083 | 0.0014 | 0.7 | 0.0481 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 10 | 28 | 36 | 0.75 | 1.3 | 0.928 | 0.198 | 0.16 | 1.6 | 0.897 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 neptune ave | lte10ft | chrysene | mg/kg | 26 | 28 | 93 | 0.0073 | 4.7 | 0.711 | 1.154 | 0.0047 | 0.0059 | 1.589 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 5.87 | 11 | 8.126 | 1.21 | -- | -- | 8.515 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 8.05 | 23 | 13.38 | 4.177 | -- | -- | 14.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 28 | 18 | 0.0015 | 0.024 | 0.00672 | 0.00968 | 0.0007 | 1.3 | 0.00737 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 neptune ave | lte10ft | ethylbenzene | µg/kg | 16 | 28 | 57 | 0.18 | 3800 | 976.5 | 1192 | 0.12 | 0.15 | 889.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 28 | 32 | 0.0016 | 0.0092 | 0.00479 | 0.00254 | 0.0043 | 1.7 | 0.00536 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte10ft | lead | mg/kg | 28 | 28 | 100 | 4.37 | 30.9 | 8.151 | 4.898 | -- | -- | 9.843 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 neptune ave | lte10ft | naphthalene | mg/kg | 25 | 28 | 89 | 0.00034 | 31 | 4.292 | 8.131 | 0.00027 | 0.00031 | 10.26 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte10ft | pyrene | mg/kg | 26 | 28 | 93 | 0.0047 | 9.1 | 1.165 | 2.132 | 0.0033 | 0.0041 | 2.792 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte10ft | toluene | µg/kg | 23 | 28 | 82 | 0.15 | 89 | 15.08 | 24.97 | 0.12 | 12 | 31.67 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 neptune ave | lte10ft | tph as diesel | mg/kg | 27 | 28 | 96 | 13 | 23000 | 4552 | 6742 | 4.8 | 4.8 | 9889 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte10ft | tph as gasoline | mg/kg | 20 | 28 | 71 | 0.054 | 840 | 290.1 | 301.7 | 0.046 | 0.062 | 444.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 neptune ave | lte10ft | tph as motor oil | mg/kg | 28 | 28 | 100 | 19 | 20000 | 4613 | 6018 | -- | -- | 7534 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 neptune ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 24.4 | 42.3 | 32.18 | 4.679 | -- | -- | 33.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 neptune ave | lte10ft | xylenes, total | µg/kg | 16 | 28 | 57 | 0.27 | 3700 | 764.3 | 1258 | 0.16 | 0.19 | 773.6 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 neptune ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 28 | 69.8 | 39.19 | 9.55 | -- | -- | 42.26 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 8 | 100 | 0.72 | 13000 | 1652 | 4586 | -- | -- | 13000 | Maximum Detected | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 8 | 100 | 0.23 | 710 | 94.42 | 248.9 | -- | -- | 710 | Maximum Detected | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0099 | 23 | 4.86 | 8.156 | -- | -- | 23 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.017 | 39 | 6.993 | 13.46 | -- | -- | 39 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 1.74 | 4.94 | 3.158 | 1.367 | -- | -- | 4.073 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.0082 | 0.614 | 0.163 | 0.225 | -- | -- | 0.536 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | benzene | µg/kg | 8 | 8 | 100 | 0.11 | 1800 | 227.7 | 635.3 | -- | -- | 1800 | Maximum Detected | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 8 | 88 | 0.0086 | 0.46 | 0.152 | 0.213 | 0.13 | 0.13 | 0.452 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.0059 | 0.46 | 0.132 | 0.185 | 0.099 | 0.099 | 0.391 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 8 | 75 | 0.004 | 0.12 | 0.0344 | 0.0478 | 0.07 | 0.14 | 0.109 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.012 | 1.5 | 0.437 | 0.529 | -- | -- | 0.792 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 3.3 | 7.03 | 5.69 | 1.366 | -- | -- | 6.605 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 4.4 | 9.4 | 7.541 | 1.971 | -- | -- | 8.861 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 8 | 100 | 1 | 4300 | 545.9 | 1517 | -- | -- | 4300 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 2.91 | 27.5 | 9.869 | 9.749 | -- | -- | 26.27 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | naphthalene | mg/kg | 8 | 8 | 100 | 0.0084 | 16 | 2.631 | 5.552 | -- | -- | 16 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.012 | 2.2 | 0.587 | 0.769 | -- | -- | 2.2 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | toluene | µg/kg | 5 | 8 | 63 | 0.13 | 0.75 | 0.404 | 0.236 | 0.12 | 12 | 0.517 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 12 | 7800 | 2702 | 3503 | -- | -- | 7800 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 8 | 100 | 0.25 | 1400 | 176.8 | 494.2 | -- | -- | 1400 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 20 | 10000 | 2997 | 3783 | -- | -- | 10000 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 14 | 26.3 | 20.8 | 3.787 | -- | -- | 23.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | xylenes, total | µg/kg | 8 | 8 | 100 | 0.19 | 6300 | 801.3 | 2222 | -- | -- | 6300 | Maximum Detected | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 15.3 | 41.1 | 26.9 | 7.862 | -- | -- | 32.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 11 | 18 | 61 | 0.0026 | 0.035 | 0.0104 | 0.00902 | 0.0054 | 0.0086 | 0.0112 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 18 | 83 | 0.009 | 0.12 | 0.0268 | 0.0277 | 0.003 | 0.0048 | 0.0507 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.19 | 6.48 | 3.369 | 1.42 | -- | -- | 3.951 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00862 | 0.317 | 0.0632 | 0.0804 | -- | -- | 0.112 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte02ft | benzene | µg/kg | 11 | 18 | 61 | 0.11 | 0.7 | 0.261 | 0.179 | 0.12 | 0.13 | 0.271 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 18 | 18 | 100 | 0.0096 | 0.29 | 0.0563 | 0.0705 | -- | -- | 0.0947 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 18 | 100 | 0.0063 | 0.22 | 0.0447 | 0.0563 | -- | -- | 0.0793 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 18 | 89 | 0.0058 | 0.19 | 0.0372 | 0.0481 | 0.0018 | 0.0028 | 0.0814 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 18 | 50 | 0.0035 | 0.19 | 0.044 | 0.0607 | 0.0056 | 0.009 | 0.0437 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.02 | 0.46 | 0.115 | 0.114 | -- | -- | 0.168 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 3.72 | 8.28 | 6.119 | 1.28 | -- | -- | 6.644 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 5.43 | 12.7 | 9.442 | 1.974 | -- | -- | 10.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 13 | 18 | 72 | 0.0037 | 0.046 | 0.0152 | 0.0144 | 0.0034 | 0.0054 | 0.0175 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 18 | 72 | 0.0051 | 0.11 | 0.0272 | 0.0313 | 0.0043 | 0.0069 | 0.0504 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 panama ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 4.55 | 24.2 | 9.019 | 4.916 | -- | -- | 11.14 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24619 panama ave | lte02ft | naphthalene | mg/kg | 14 | 18 | 78 | 0.0058 | 0.21 | 0.036 | 0.0558 | 0.00028 | 0.00038 | 0.0815 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte02ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0095 | 0.43 | 0.0904 | 0.125 | -- | -- | 0.219 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte02ft | toluene | µg/kg | 5 | 18 | 28 | 0.19 | 0.3 | 0.244 | 0.0503 | 0.12 | 0.18 | 0.255 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte02ft | tph as diesel | mg/kg | 18 | 18 | 100 | 6.3 | 1100 | 166.7 | 270.7 | -- | -- | 287.4 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 panama ave | lte02ft | tph as gasoline | mg/kg | 9 | 18 | 50 | 0.055 | 0.13 | 0.0976 | 0.0263 | 0.047 | 0.055 | 0.0993 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 21 | 2600 | 455.1 | 652.6 | -- | -- | 1126 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 13.4 | 30.6 | 22.14 | 4.247 | -- | -- | 23.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 20.2 | 38.6 | 29.42 | 5.844 | -- | -- | 31.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 30 | 37 | 0.12 | 4600 | 631 | 1486 | 0.091 | 0.14 | 991 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 30 | 23 | 0.09 | 1700 | 300.3 | 632.9 | 0.077 | 0.12 | 174.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 22 | 30 | 73 | 0.0015 | 19 | 1.172 | 4.047 | 0.0054 | 0.0086 | 3.65 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 27 | 30 | 90 | 0.0021 | 29 | 1.385 | 5.585 | 0.003 | 0.0048 | 5.477 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 1.19 | 15 | 4.122 | 2.762 | -- | -- | 4.949 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte05ft | bap teq | mg/kg | 30 | 30 | 100 | 0.0023 | 0.755 | 0.148 | 0.197 | -- | -- | 0.382 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte05ft | benzene | µg/kg | 21 | 30 | 70 | 0.11 | 410 | 21.01 | 89.29 | 0.12 | 11 | 74.71 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 30 | 30 | 100 | 0.0017 | 0.81 | 0.157 | 0.226 | -- | -- | 0.427 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 30 | 30 | 100 | 0.0017 | 0.56 | 0.106 | 0.142 | -- | -- | 0.272 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 27 | 30 | 90 | 0.0013 | 0.47 | 0.0746 | 0.112 | 0.0018 | 0.18 | 0.155 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 16 | 30 | 53 | 0.0024 | 0.26 | 0.0642 | 0.0803 | 0.0011 | 0.56 | 0.062 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte05ft | cadmium | mg/kg | 6 | 30 | 20 | 0.106 | 0.205 | 0.138 | 0.038 | 0.0883 | 0.0883 | 0.126 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte05ft | chrysene | mg/kg | 30 | 30 | 100 | 0.0077 | 1.5 | 0.327 | 0.426 | -- | -- | 0.795 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 3.72 | 8.66 | 6.516 | 1.207 | -- | -- | 6.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte05ft | copper | mg/kg | 30 | 30 | 100 | 5.43 | 16.3 | 10.59 | 2.578 | -- | -- | 11.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 20 | 30 | 67 | 0.0027 | 0.051 | 0.0195 | 0.0167 | 0.0007 | 0.34 | 0.02 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 panama ave | lte05ft | ethylbenzene | µg/kg | 8 | 30 | 27 | 0.14 | 2200 | 379.9 | 756 | 0.12 | 0.18 | 234.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 30 | 70 | 0.004 | 0.17 | 0.0359 | 0.0417 | 0.0009 | 0.43 | 0.0414 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 panama ave | lte05ft | lead | mg/kg | 30 | 30 | 100 | 4.55 | 36.2 | 12.01 | 8.913 | -- | -- | 19.1 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte05ft | naphthalene | mg/kg | 25 | 30 | 83 | 0.0004 | 12 | 0.668 | 2.398 | 0.00027 | 0.00038 | 2.311 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte05ft | pyrene | mg/kg | 30 | 30 | 100 | 0.0064 | 2.7 | 0.458 | 0.739 | -- | -- | 1.046 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte05ft | toluene | µg/kg | 8 | 30 | 27 | 0.19 | 0.41 | 0.266 | 0.0727 | 0.12 | 47 | 0.242 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte05ft | tph as diesel | mg/kg | 30 | 30 | 100 | 6.3 | 9800 | 918.6 | 1979 | -- | -- | 2494 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte05ft | tph as gasoline | mg/kg | 17 | 30 | 57 | 0.055 | 550 | 81.95 | 163.5 | 0.047 | 0.055 | 149.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte05ft | tph as motor oil | mg/kg | 30 | 30 | 100 | 21 | 8200 | 1278 | 1993 | -- | -- | 2864 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 13.4 | 35.8 | 24.45 | 4.87 | -- | -- | 25.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte05ft | xylenes, total | µg/kg | 5 | 30 | 17 | 0.21 | 2800 | 672.5 | 1214 | 0.16 | 17 | 288.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 20.2 | 42.5 | 30.8 | 5.818 | -- | -- | 32.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 38 | 50 | 0.12 | 13000 | 1061 | 3110 | 0.091 | 0.14 | 2132 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 15 | 38 | 39 | 0.09 | 1700 | 190.5 | 462.6 | 0.077 | 0.12 | 291.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 30 | 38 | 79 | 0.0015 | 23 | 2.156 | 5.538 | 0.0054 | 0.0086 | 5.239 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 35 | 38 | 92 | 0.0021 | 39 | 2.667 | 8.176 | 0.003 | 0.0048 | 8.029 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte10ft | arsenic | mg/kg | 38 | 38 | 100 | 1.19 | 15 | 3.919 | 2.547 | -- | -- | 4.575 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte10ft | bap teq | mg/kg | 38 | 38 | 100 | 0.0023 | 0.755 | 0.151 | 0.2 | -- | -- | 0.365 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte10ft | benzene | µg/kg | 29 | 38 | 76 | 0.11 | 1800 | 78.03 | 339.8 | 0.12 | 11 | 270.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 38 | 97 | 0.0017 | 0.81 | 0.156 | 0.221 | 0.13 | 0.13 | 0.307 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 37 | 38 | 97 | 0.0017 | 0.56 | 0.111 | 0.148 | 0.099 | 0.099 | 0.213 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 33 | 38 | 87 | 0.0013 | 0.47 | 0.0673 | 0.104 | 0.0018 | 0.18 | 0.131 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 20 | 38 | 53 | 0.0019 | 0.26 | 0.0534 | 0.0749 | 0.0011 | 0.56 | 0.0519 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte10ft | cadmium | mg/kg | 7 | 38 | 18 | 0.106 | 0.209 | 0.148 | 0.0439 | 0.0883 | 0.0883 | 0.128 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte10ft | chrysene | mg/kg | 38 | 38 | 100 | 0.0077 | 1.5 | 0.35 | 0.444 | -- | -- | 0.664 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte10ft | cobalt | mg/kg | 38 | 38 | 100 | 3.3 | 8.66 | 6.342 | 1.269 | -- | -- | 6.689 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte10ft | copper | mg/kg | 38 | 38 | 100 | 4.4 | 16.3 | 9.946 | 2.743 | -- | -- | 10.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 22 | 38 | 58 | 0.0008 | 0.051 | 0.0178 | 0.0167 | 0.0007 | 0.34 | 0.0176 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte10ft | ethylbenzene | µg/kg | 16 | 38 | 42 | 0.14 | 4300 | 462.9 | 1161 | 0.12 | 0.18 | 753.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 25 | 38 | 66 | 0.0018 | 0.17 | 0.0317 | 0.0396 | 0.0009 | 0.43 | 0.0358 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte10ft | lead | mg/kg | 38 | 38 | 100 | 2.91 | 36.2 | 11.56 | 9.002 | -- | -- | 17.92 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte10ft | naphthalene | mg/kg | 33 | 38 | 87 | 0.0004 | 16 | 1.144 | 3.433 | 0.00027 | 0.00038 | 3.273 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte10ft | pyrene | mg/kg | 38 | 38 | 100 | 0.0064 | 2.7 | 0.485 | 0.736 | -- | -- | 1.006 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte10ft | toluene | µg/kg | 13 | 38 | 34 | 0.13 | 0.75 | 0.319 | 0.163 | 0.12 | 47 | 0.243 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 panama ave | lte10ft | tph as diesel | mg/kg | 38 | 38 | 100 | 6.3 | 9800 | 1294 | 2436 | -- | -- | 3017 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24619 panama ave | lte10ft | tph as gasoline | mg/kg | 25 | 38 | 66 | 0.055 | 1400 | 112.3 | 301.8 | 0.047 | 0.055 | 251.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 panama ave | lte10ft | tph as motor oil | mg/kg | 38 | 38 | 100 | 20 | 10000 | 1640 | 2515 | -- | -- | 3418 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte10ft | vanadium | mg/kg | 38 | 38 | 100 | 13.4 | 35.8 | 23.68 | 4.855 | -- | -- | 25.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 panama ave | lte10ft | xylenes, total | µg/kg | 13 | 38 | 34 | 0.19 | 6300 | 751.8 | 1837 | 0.16 | 17 | 1061 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 panama ave | lte10ft | zinc | mg/kg | 38 | 38 | 100 | 15.3 | 42.5 | 29.98 | 6.39 | -- | -- | 31.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 10 | 50 | 0.14 | 8500 | 1826 | 3741 | 0.088 | 9 | 2557 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.0014 | 42 | 11.9 | 17.71 | 0.0011 | 0.021 | 30.32 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 10 | 90 | 0.0007 | 65 | 13.23 | 23.58 | 0.012 | 0.012 | 43.27 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.79 | 5.11 | 4.202 | 0.747 | -- | -- | 4.635 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | bap teq | mg/kg | 6 | 10 | 60 | 0.00091 | 2.496 | 0.678 | 1.023 | 0.00053 | 0.00053 | 0.953 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 10 | 50 | 0.0006 | 1.9 | 0.596 | 0.832 | 0.0005 | 0.099 | 0.762 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | chrysene | mg/kg | 5 | 10 | 50 | 0.13 | 4.3 | 1.71 | 1.872 | 0.0012 | 0.0012 | 1.882 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 4.37 | 7.94 | 6.224 | 1.373 | -- | -- | 7.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 6.72 | 9.25 | 7.851 | 0.78 | -- | -- | 8.303 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.48 | 7.38 | 4.539 | 1.112 | -- | -- | 5.2 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 9 | 10 | 90 | 0.0014 | 18 | 3.548 | 6.21 | 0.00026 | 0.00026 | 11.46 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | gt05lte10ft | pyrene | mg/kg | 7 | 10 | 70 | 0.0012 | 15 | 3.556 | 5.784 | 0.0008 | 0.0008 | 5.53 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 6 | 10 | 60 | 4.9 | 18000 | 6241 | 7340 | 4.8 | 4.8 | 7796 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 5 | 10 | 50 | 0.087 | 1100 | 438.1 | 462.5 | 0.045 | 0.048 | 611 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 6 | 10 | 60 | 9.5 | 20000 | 6455 | 7814 | 7 | 7 | 8094 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 21.8 | 32.2 | 26.75 | 3.378 | -- | -- | 28.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 22.2 | 37.4 | 26.72 | 4.556 | -- | -- | 29.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 16 | 69 | 0.089 | 1.5 | 0.314 | 0.405 | 0.092 | 0.1 | 0.411 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 16 | 38 | 0.0013 | 0.023 | 0.00713 | 0.00823 | 0.0011 | 0.021 | 0.00643 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 16 | 88 | 0.0007 | 0.063 | 0.0162 | 0.0171 | 0.0006 | 0.0006 | 0.0327 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.55 | 6.03 | 2.649 | 1.357 | -- | -- | 3.272 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 ravenna ave | lte02ft | bap teq | mg/kg | 11 | 16 | 69 | 0.000632 | 0.0726 | 0.0309 | 0.0293 | 0.00053 | 0.00053 | 0.0524 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte02ft | benzene | µg/kg | 10 | 16 | 63 | 0.14 | 1.3 | 0.406 | 0.354 | 0.1 | 0.13 | 0.453 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 16 | 56 | 0.0007 | 0.097 | 0.0395 | 0.0336 | 0.0007 | 0.0007 | 0.0388 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 16 | 63 | 0.0006 | 0.048 | 0.0239 | 0.0203 | 0.0005 | 0.0005 | 0.037 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 16 | 69 | 0.0006 | 0.03 | 0.0143 | 0.013 | 0.0004 | 0.0004 | 0.0238 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte02ft | cadmium | mg/kg | 6 | 16 | 38 | 0.106 | 0.324 | 0.184 | 0.0825 | 0.0883 | 0.0883 | 0.182 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte02ft | chrysene | mg/kg | 10 | 16 | 63 | 0.0013 | 0.24 | 0.105 | 0.0966 | 0.0012 | 0.0012 | 0.107 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.52 | 8.96 | 6.896 | 1.003 | -- | -- | 7.347 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 ravenna ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 6.55 | 13.5 | 9.839 | 2.225 | -- | -- | 10.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 16 | 31 | 0.0016 | 0.021 | 0.0141 | 0.00823 | 0.0009 | 0.017 | 0.0185 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.6 | 15.7 | 6.029 | 2.893 | -- | -- | 7.224 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 ravenna ave | lte02ft | naphthalene | mg/kg | 12 | 16 | 75 | 0.00074 | 0.036 | 0.00725 | 0.0098 | 0.00028 | 0.00029 | 0.0154 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte02ft | pyrene | mg/kg | 14 | 16 | 88 | 0.0008 | 0.16 | 0.0459 | 0.0582 | 0.0008 | 0.0008 | 0.102 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte02ft | toluene | µg/kg | 12 | 16 | 75 | 0.12 | 1.8 | 0.458 | 0.521 | 0.11 | 0.14 | 0.594 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 ravenna ave | lte02ft | tph as diesel | mg/kg | 8 | 16 | 50 | 8.9 | 170 | 81.61 | 66.97 | 4.8 | 4.8 | 77.81 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte02ft | tph as gasoline | mg/kg | 8 | 16 | 50 | 0.051 | 1.2 | 0.211 | 0.4 | 0.047 | 0.053 | 0.286 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte02ft | tph as motor oil | mg/kg | 10 | 16 | 63 | 7.4 | 520 | 193 | 193 | 7 | 7 | 204.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 18.4 | 31.1 | 22.61 | 4.586 | -- | -- | 24.67 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte02ft | xylenes, total | µg/kg | 6 | 16 | 38 | 0.18 | 4.7 | 1.225 | 1.775 | 0.15 | 0.19 | 1.107 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 20.4 | 42.9 | 29.02 | 6.68 | -- | -- | 31.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 25 | 56 | 0.089 | 1.5 | 0.282 | 0.361 | 0.089 | 9.2 | 0.304 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 11 | 25 | 44 | 0.0013 | 0.023 | 0.00713 | 0.00594 | 0.0011 | 0.021 | 0.00607 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 25 | 80 | 0.0007 | 0.063 | 0.0157 | 0.0147 | 0.0006 | 0.012 | 0.0254 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte05ft | antimony | mg/kg | 7 | 25 | 28 | 0.345 | 2.86 | 0.804 | 0.912 | 0.306 | 0.306 | 0.674 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 1.55 | 8.63 | 3.244 | 1.728 | -- | -- | 3.86 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte05ft | bap teq | mg/kg | 15 | 25 | 60 | 0.000632 | 0.0726 | 0.0373 | 0.0288 | 0.00053 | 0.00053 | 0.048 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte05ft | benzene | µg/kg | 13 | 25 | 52 | 0.14 | 1.3 | 0.36 | 0.319 | 0.1 | 11 | 0.35 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 25 | 52 | 0.0007 | 0.097 | 0.0433 | 0.0315 | 0.0007 | 0.0007 | 0.0351 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 14 | 25 | 56 | 0.0006 | 0.049 | 0.0286 | 0.0198 | 0.0005 | 0.0005 | 0.0343 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 25 | 56 | 0.0006 | 0.034 | 0.0167 | 0.0132 | 0.0004 | 0.007 | 0.0208 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte05ft | cadmium | mg/kg | 6 | 25 | 24 | 0.106 | 0.324 | 0.184 | 0.0825 | 0.0883 | 0.0883 | 0.167 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte05ft | chrysene | mg/kg | 14 | 25 | 56 | 0.0013 | 0.24 | 0.119 | 0.0887 | 0.0012 | 0.0012 | 0.0978 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 5.52 | 9.31 | 7.228 | 1.026 | -- | -- | 7.579 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24619 ravenna ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 6.55 | 14.4 | 9.983 | 2.334 | -- | -- | 10.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 25 | 24 | 0.0056 | 0.019 | 0.0138 | 0.00512 | 0.0007 | 0.013 | 0.0138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 25 | 32 | 0.0016 | 0.021 | 0.0141 | 0.00707 | 0.0009 | 0.017 | 0.0128 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 3.6 | 15.7 | 5.99 | 2.861 | -- | -- | 7.018 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte05ft | naphthalene | mg/kg | 20 | 25 | 80 | 0.00049 | 0.053 | 0.00876 | 0.0131 | 0.00025 | 0.00029 | 0.0177 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte05ft | pyrene | mg/kg | 19 | 25 | 76 | 0.0008 | 0.28 | 0.0723 | 0.0865 | 0.0008 | 0.0008 | 0.126 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte05ft | toluene | µg/kg | 15 | 25 | 60 | 0.12 | 1.8 | 0.392 | 0.482 | 0.11 | 12 | 0.431 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte05ft | tph as diesel | mg/kg | 12 | 25 | 48 | 8.9 | 610 | 161.8 | 175.5 | 4.8 | 4.8 | 132.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte05ft | tph as gasoline | mg/kg | 12 | 25 | 48 | 0.051 | 1.6 | 0.311 | 0.52 | 0.046 | 0.053 | 0.32 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte05ft | tph as motor oil | mg/kg | 14 | 25 | 56 | 7.4 | 770 | 277.9 | 257.7 | 7 | 7 | 246.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 18.4 | 32.2 | 24.84 | 5.088 | -- | -- | 26.59 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte05ft | xylenes, total | µg/kg | 7 | 25 | 28 | 0.18 | 4.7 | 1.104 | 1.652 | 0.15 | 16 | 0.799 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 20.4 | 42.9 | 28.85 | 5.787 | -- | -- | 30.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 35 | 54 | 0.089 | 8500 | 480.8 | 1947 | 0.088 | 9.2 | 1334 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 18 | 35 | 51 | 0.0013 | 42 | 4.633 | 12.1 | 0.0011 | 0.021 | 9.012 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 29 | 35 | 83 | 0.0007 | 65 | 4.116 | 14.05 | 0.0006 | 0.012 | 12.91 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | antimony | mg/kg | 8 | 35 | 23 | 0.345 | 2.86 | 0.772 | 0.849 | 0.306 | 0.306 | 0.6 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | arsenic | mg/kg | 35 | 35 | 100 | 1.55 | 8.63 | 3.517 | 1.565 | -- | -- | 4.002 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24619 ravenna ave | lte10ft | bap teq | mg/kg | 21 | 35 | 60 | 0.000632 | 2.496 | 0.22 | 0.592 | 0.00053 | 0.00053 | 0.48 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | benzene | µg/kg | 17 | 35 | 49 | 0.14 | 1700 | 129.1 | 421.8 | 0.1 | 11 | 284.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 17 | 35 | 49 | 0.0007 | 3.3 | 0.318 | 0.836 | 0.0007 | 0.13 | 0.601 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 19 | 35 | 54 | 0.0006 | 1.9 | 0.178 | 0.469 | 0.0005 | 0.099 | 0.36 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 18 | 35 | 51 | 0.0005 | 0.52 | 0.0451 | 0.119 | 0.0004 | 0.28 | 0.0892 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | cadmium | mg/kg | 6 | 35 | 17 | 0.106 | 0.324 | 0.184 | 0.0825 | 0.0883 | 0.0883 | 0.159 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 5 | 35 | 14 | 0.22 | 0.4 | 0.294 | 0.0773 | 0.22 | 0.22 | 0.273 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte10ft | chrysene | mg/kg | 19 | 35 | 54 | 0.0013 | 4.3 | 0.537 | 1.141 | 0.0012 | 0.0012 | 0.944 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | cobalt | mg/kg | 35 | 35 | 100 | 4.37 | 9.31 | 6.941 | 1.206 | -- | -- | 7.286 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte10ft | copper | mg/kg | 35 | 35 | 100 | 6.55 | 14.4 | 9.374 | 2.227 | -- | -- | 10.01 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 35 | 17 | 0.0056 | 0.019 | 0.0138 | 0.00512 | 0.0007 | 0.54 | 0.0138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte10ft | ethylbenzene | µg/kg | 7 | 35 | 20 | 0.14 | 5300 | 1286 | 1990 | 0.11 | 12 | 557.2 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 35 | 26 | 0.0016 | 0.021 | 0.0132 | 0.00708 | 0.0009 | 0.69 | 0.011 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24619 ravenna ave | lte10ft | lead | mg/kg | 35 | 35 | 100 | 3.48 | 15.7 | 5.575 | 2.559 | -- | -- | 6.342 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | naphthalene | mg/kg | 29 | 35 | 83 | 0.00049 | 18 | 1.107 | 3.714 | 0.00025 | 0.00029 | 3.428 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | pyrene | mg/kg | 26 | 35 | 74 | 0.0008 | 15 | 1.01 | 3.243 | 0.0008 | 0.0008 | 2.837 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | toluene | µg/kg | 18 | 35 | 51 | 0.12 | 1500 | 84.72 | 353.2 | 0.11 | 12 | 233 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | tph as diesel | mg/kg | 18 | 35 | 51 | 4.9 | 18000 | 2188 | 4956 | 4.8 | 4.8 | 3874 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 ravenna ave | lte10ft | tph as gasoline | mg/kg | 17 | 35 | 49 | 0.051 | 1100 | 129.1 | 309.4 | 0.045 | 0.053 | 229 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | tph as motor oil | mg/kg | 20 | 35 | 57 | 7.4 | 20000 | 2131 | 4955 | 7 | 7 | 4092 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24619 ravenna ave | lte10ft | vanadium | mg/kg | 35 | 35 | 100 | 18.4 | 32.2 | 25.39 | 4.697 | -- | -- | 26.81 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24619 ravenna ave | lte10ft | xylenes, total | µg/kg | 10 | 35 | 29 | 0.18 | 8200 | 920.8 | 2577 | 0.15 | 16 | 1328 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24619 ravenna ave | lte10ft | zinc | mg/kg | 35 | 35 | 100 | 20.4 | 42.9 | 28.24 | 5.486 | -- | -- | 29.82 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 10 | 50 | 4.1 | 10000 | 3279 | 3988 | 0.095 | 19 | 4091 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 10 | 50 | 0.67 | 2400 | 1002 | 1151 | 0.081 | 16 | 1190 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.0069 | 75 | 26.6 | 31.19 | 0.0011 | 0.0011 | 35.57 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 10 | 60 | 0.011 | 140 | 51.87 | 56.77 | 0.0006 | 0.003 | 63.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 4.18 | 28.4 | 12.91 | 8.057 | -- | -- | 17.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.000565 | 1.03 | 0.274 | 0.4 | -- | -- | 1.03 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | benzene | µg/kg | 6 | 10 | 60 | 0.36 | 1600 | 292.1 | 643.5 | 0.11 | 22 | 895.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.0007 | 2.1 | 0.483 | 0.745 | -- | -- | 2.1 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 10 | 70 | 0.0006 | 0.75 | 0.185 | 0.309 | 0.0005 | 0.49 | 0.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 10 | 50 | 0.0013 | 0.2 | 0.0611 | 0.0885 | 0.0004 | 0.35 | 0.101 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | chrysene | mg/kg | 8 | 10 | 80 | 0.0023 | 3.2 | 1.133 | 1.298 | 0.0012 | 0.0012 | 1.636 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.06 | 10.2 | 7.367 | 1.715 | -- | -- | 8.361 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 6.08 | 20.5 | 11.17 | 5.474 | -- | -- | 15.72 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 10 | 80 | 0.2 | 5700 | 1068 | 2075 | 0.13 | 0.16 | 3489 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 2.38 | 7.8 | 4.401 | 1.859 | -- | -- | 5.64 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | naphthalene | mg/kg | 8 | 10 | 80 | 0.00037 | 54 | 16.78 | 20.37 | 0.00027 | 0.0003 | 24.77 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.0009 | 7.4 | 1.732 | 2.52 | -- | -- | 7.4 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | toluene | µg/kg | 5 | 10 | 50 | 0.25 | 500 | 107.1 | 220.1 | 0.12 | 25 | 150.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24622 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 7 | 10 | 70 | 6.5 | 24000 | 8290 | 10110 | 4.8 | 4.8 | 10965 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 10 | 80 | 0.14 | 2800 | 797.6 | 952 | 0.052 | 0.06 | 1170 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 7 | 10 | 70 | 26 | 22000 | 7548 | 8972 | 7 | 7 | 10148 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 17.8 | 44.1 | 26.82 | 8.253 | -- | -- | 31.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 5 | 10 | 50 | 2.8 | 5600 | 1719 | 2421 | 0.16 | 33 | 2200 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 21.9 | 54.7 | 32.36 | 9.822 | -- | -- | 38.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 27 | 26 | 0.23 | 0.97 | 0.503 | 0.264 | 0.088 | 0.13 | 0.439 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 27 | 19 | 0.0011 | 0.0072 | 0.00474 | 0.00274 | 0.0011 | 0.021 | 0.006 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 27 | 56 | 0.0008 | 0.018 | 0.00594 | 0.00418 | 0.0006 | 0.012 | 0.0053 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte02ft | arsenic | mg/kg | 27 | 27 | 100 | 3.93 | 12.7 | 7.87 | 2.408 | -- | -- | 8.718 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte02ft | bap teq | mg/kg | 25 | 27 | 93 | 0.000565 | 0.0652 | 0.0122 | 0.0151 | 0.00053 | 0.00261 | 0.0238 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte02ft | benzene | µg/kg | 20 | 27 | 74 | 0.13 | 1.5 | 0.381 | 0.314 | 0.11 | 0.12 | 0.427 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24622 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 21 | 27 | 78 | 0.0007 | 0.067 | 0.0123 | 0.0145 | 0.0007 | 0.0033 | 0.0152 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 27 | 67 | 0.0006 | 0.047 | 0.0113 | 0.0121 | 0.0005 | 0.0099 | 0.012 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 27 | 52 | 0.0005 | 0.029 | 0.00961 | 0.00917 | 0.0004 | 0.007 | 0.00793 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte02ft | chrysene | mg/kg | 17 | 27 | 63 | 0.0017 | 0.18 | 0.0297 | 0.041 | 0.0012 | 0.024 | 0.0333 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte02ft | cobalt | mg/kg | 27 | 27 | 100 | 5.04 | 15.5 | 11.32 | 2.21 | -- | -- | 12.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte02ft | copper | mg/kg | 27 | 27 | 100 | 12.3 | 38.4 | 23.87 | 6.333 | -- | -- | 25.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 27 | 22 | 0.0044 | 0.024 | 0.0118 | 0.00685 | 0.0009 | 0.017 | 0.0104 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte02ft | lead | mg/kg | 27 | 27 | 100 | 5.8 | 41.1 | 12.52 | 7.34 | -- | -- | 14.78 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24622 marbella ave | lte02ft | naphthalene | mg/kg | 6 | 27 | 22 | 0.00027 | 0.011 | 0.00366 | 0.0047 | 0.00027 | 0.00039 | 0.00191 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte02ft | pyrene | mg/kg | 19 | 27 | 70 | 0.0011 | 0.073 | 0.0145 | 0.0172 | 0.0008 | 0.016 | 0.0239 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte02ft | toluene | µg/kg | 20 | 27 | 74 | 0.14 | 4.3 | 0.802 | 1.045 | 0.12 | 0.14 | 1.425 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte02ft | tph as diesel | mg/kg | 24 | 27 | 89 | 10 | 480 | 95.83 | 111.4 | 4.8 | 4.8 | 125.5 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24622 marbella ave | lte02ft | tph as gasoline | mg/kg | 6 | 27 | 22 | 0.079 | 0.23 | 0.139 | 0.0679 | 0.048 | 0.068 | 0.118 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte02ft | tph as motor oil | mg/kg | 25 | 27 | 93 | 28 | 1100 | 299.7 | 266 | 7 | 7 | 502.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte02ft | vanadium | mg/kg | 27 | 27 | 100 | 18.1 | 50.1 | 39.23 | 6.766 | -- | -- | 41.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte02ft | xylenes, total | µg/kg | 8 | 27 | 30 | 0.19 | 2.5 | 0.621 | 0.781 | 0.15 | 0.22 | 0.473 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24622 marbella ave | lte02ft | zinc | mg/kg | 27 | 27 | 100 | 32.3 | 146 | 58.34 | 22.41 | -- | -- | 65.19 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24622 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 43 | 37 | 0.22 | 21000 | 2486 | 5474 | 0.088 | 0.13 | 3293 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 43 | 19 | 0.2 | 3500 | 1033 | 1274 | 0.075 | 8.4 | 371.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 16 | 43 | 37 | 0.0011 | 160 | 27.95 | 48.73 | 0.0011 | 0.021 | 18.82 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 26 | 43 | 60 | 0.0008 | 260 | 24.01 | 59.68 | 0.0006 | 0.048 | 46.38 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | arsenic | mg/kg | 43 | 43 | 100 | 0.538 | 12.7 | 6.441 | 2.839 | -- | -- | 7.169 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte05ft | bap teq | mg/kg | 41 | 43 | 95 | 0.000565 | 6.891 | 0.462 | 1.213 | 0.00053 | 0.00261 | 1.231 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | benzene | µg/kg | 32 | 43 | 74 | 0.11 | 1500 | 88.23 | 311.2 | 0.1 | 11 | 246 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 37 | 43 | 86 | 0.0007 | 8.8 | 0.755 | 1.839 | 0.0007 | 0.0033 | 1.798 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 32 | 43 | 74 | 0.0006 | 5.3 | 0.413 | 1.021 | 0.0005 | 0.99 | 0.907 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 28 | 43 | 65 | 0.0005 | 1.6 | 0.132 | 0.327 | 0.0004 | 0.7 | 0.269 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24622 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 43 | 19 | 0.0077 | 0.12 | 0.031 | 0.0384 | 0.0011 | 2.3 | 0.0183 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte05ft | chrysene | mg/kg | 32 | 43 | 74 | 0.0017 | 13 | 1.366 | 3.028 | 0.0012 | 0.024 | 2.799 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | cobalt | mg/kg | 43 | 43 | 100 | 2.6 | 15.5 | 9.526 | 3.284 | -- | -- | 10.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte05ft | copper | mg/kg | 43 | 43 | 100 | 3.46 | 38.4 | 18.3 | 9.256 | -- | -- | 24.45 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | ethylbenzene | µg/kg | 10 | 43 | 23 | 0.22 | 3600 | 875.6 | 1394 | 0.12 | 13 | 403.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 43 | 21 | 0.0044 | 0.089 | 0.0206 | 0.0264 | 0.0009 | 1.7 | 0.0125 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24622 marbella ave | lte05ft | lead | mg/kg | 43 | 43 | 100 | 0.846 | 41.1 | 9.837 | 6.989 | -- | -- | 11.66 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte05ft | naphthalene | mg/kg | 17 | 43 | 40 | 0.00027 | 64 | 11.75 | 21.48 | 0.00026 | 0.00039 | 8.427 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte05ft | pyrene | mg/kg | 34 | 43 | 79 | 0.0011 | 35 | 3.037 | 7.126 | 0.0008 | 0.016 | 6.695 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | toluene | µg/kg | 25 | 43 | 58 | 0.14 | 140 | 14.27 | 35.45 | 0.12 | 13 | 26.95 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | tph as diesel | mg/kg | 38 | 43 | 88 | 10 | 30000 | 3617 | 7395 | 4.8 | 4.8 | 7884 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | tph as gasoline | mg/kg | 18 | 43 | 42 | 0.079 | 1600 | 273 | 485.5 | 0.048 | 0.068 | 342.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | tph as motor oil | mg/kg | 40 | 43 | 93 | 10 | 33000 | 3771 | 7425 | 7 | 7 | 8313 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | vanadium | mg/kg | 43 | 43 | 100 | 12 | 50.1 | 34.3 | 9.987 | -- | -- | 36.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte05ft | xylenes, total | µg/kg | 16 | 43 | 37 | 0.19 | 5900 | 809.4 | 1721 | 0.15 | 0.22 | 1049 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte05ft | zinc | mg/kg | 43 | 43 | 100 | 9.62 | 146 | 46.61 | 24.06 | -- | -- | 53.06 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 21 | 53 | 40 | 0.22 | 21000 | 2674 | 5076 | 0.088 | 19 | 3135 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 53 | 25 | 0.2 | 3500 | 1021 | 1178 | 0.075 | 16 | 421.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 23 | 53 | 43 | 0.0011 | 160 | 27.54 | 43.41 | 0.0011 | 0.021 | 19.27 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 32 | 53 | 60 | 0.0008 | 260 | 29.24 | 59.28 | 0.0006 | 0.048 | 46.57 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24622 marbella ave | lte10ft | arsenic | mg/kg | 53 | 53 | 100 | 0.538 | 28.4 | 7.661 | 4.927 | -- | -- | 8.807 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24622 marbella ave | lte10ft | bap teq | mg/kg | 51 | 53 | 96 | 0.000565 | 6.891 | 0.425 | 1.101 | 0.00053 | 0.00261 | 1.058 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | benzene | µg/kg | 38 | 53 | 72 | 0.11 | 1600 | 120.4 | 377.9 | 0.1 | 22 | 280.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 47 | 53 | 89 | 0.0007 | 8.8 | 0.697 | 1.664 | 0.0007 | 0.0033 | 1.566 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 39 | 53 | 74 | 0.0006 | 5.3 | 0.372 | 0.934 | 0.0005 | 0.99 | 0.766 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 33 | 53 | 62 | 0.0005 | 1.6 | 0.121 | 0.303 | 0.0004 | 0.7 | 0.227 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24622 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 53 | 17 | 0.0021 | 0.12 | 0.0278 | 0.0372 | 0.0011 | 2.3 | 0.0127 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte10ft | chrysene | mg/kg | 40 | 53 | 75 | 0.0017 | 13 | 1.319 | 2.757 | 0.0012 | 0.024 | 2.471 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | cobalt | mg/kg | 53 | 53 | 100 | 2.6 | 15.5 | 9.119 | 3.154 | -- | -- | 9.844 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte10ft | copper | mg/kg | 53 | 53 | 100 | 3.46 | 38.4 | 16.95 | 9.073 | -- | -- | 22.39 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | ethylbenzene | µg/kg | 18 | 53 | 34 | 0.2 | 5700 | 961.2 | 1677 | 0.12 | 13 | 575.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 53 | 23 | 0.0011 | 0.089 | 0.0158 | 0.0241 | 0.0009 | 1.7 | 0.00907 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte10ft | lead | mg/kg | 53 | 53 | 100 | 0.846 | 41.1 | 8.811 | 6.683 | -- | -- | 10.31 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 marbella ave | lte10ft | naphthalene | mg/kg | 25 | 53 | 47 | 0.00027 | 64 | 13.36 | 20.84 | 0.00026 | 0.00039 | 15.79 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | pyrene | mg/kg | 44 | 53 | 83 | 0.0009 | 35 | 2.74 | 6.372 | 0.0008 | 0.016 | 5.807 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | toluene | µg/kg | 30 | 53 | 57 | 0.14 | 500 | 29.74 | 94.66 | 0.12 | 25 | 60.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | tph as diesel | mg/kg | 45 | 53 | 85 | 6.5 | 30000 | 4344 | 7928 | 4.8 | 4.8 | 8163 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | tph as gasoline | mg/kg | 26 | 53 | 49 | 0.079 | 2800 | 434.4 | 689.2 | 0.048 | 0.068 | 531.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | tph as motor oil | mg/kg | 47 | 53 | 89 | 10 | 33000 | 4334 | 7687 | 7 | 7 | 8257 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | vanadium | mg/kg | 53 | 53 | 100 | 12 | 50.1 | 32.89 | 10.05 | -- | -- | 35.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 marbella ave | lte10ft | xylenes, total | µg/kg | 21 | 53 | 40 | 0.19 | 5900 | 1026 | 1884 | 0.15 | 33 | 1181 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 marbella ave | lte10ft | zinc | mg/kg | 53 | 53 | 100 | 9.62 | 146 | 43.92 | 22.71 | -- | -- | 49.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 10 | 90 | 52 | 4300 | 1125 | 1547 | 0.69 | 0.69 | 3095 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 10 | 80 | 4.9 | 360 | 143 | 143.1 | 0.79 | 0.81 | 197.1 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.4 | 30 | 14.6 | 9.33 | -- | -- | 20.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.39 | 46 | 22.34 | 14.11 | -- | -- | 30.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.64 | 9.96 | 4.085 | 2.165 | -- | -- | 5.435 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.0599 | 0.531 | 0.244 | 0.188 | -- | -- | 0.353 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | benzene | µg/kg | 7 | 10 | 70 | 36 | 1800 | 503.7 | 607.8 | 0.65 | 0.7 | 717.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.1 | 0.91 | 0.422 | 0.273 | -- | -- | 0.581 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 10 | 50 | 0.048 | 0.41 | 0.252 | 0.166 | 0.021 | 0.052 | 0.341 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 10 | 70 | 0.11 | 0.47 | 0.309 | 0.116 | 0.035 | 0.07 | 0.34 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | cadmium | mg/kg | 7 | 10 | 70 | 0.26 | 0.34 | 0.301 | 0.0313 | 0.0883 | 0.0883 | 0.31 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.29 | 1.8 | 0.947 | 0.522 | -- | -- | 1.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 6.21 | 8.73 | 7.174 | 0.855 | -- | -- | 7.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.09 | 11.8 | 8.714 | 1.415 | -- | -- | 9.534 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 59 | 2900 | 1608 | 987 | -- | -- | 2181 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.36 | 6.65 | 4.255 | 1.035 | -- | -- | 4.891 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.28 | 15 | 8.778 | 4.401 | -- | -- | 11.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.43 | 3.5 | 1.747 | 1.045 | -- | -- | 2.353 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 3400 | 14000 | 8350 | 3816 | -- | -- | 10562 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 57 | 800 | 356 | 273.9 | -- | -- | 514.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 4300 | 15000 | 9950 | 4122 | -- | -- | 12340 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 21.2 | 35 | 27.56 | 4.768 | -- | -- | 30.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 9 | 10 | 90 | 29 | 1300 | 614.3 | 470.5 | 17 | 17 | 836.2 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 21.1 | 52.2 | 32.29 | 9.867 | -- | -- | 38.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 15 | 33 | 0.14 | 0.26 | 0.196 | 0.0503 | 0.093 | 0.1 | 0.217 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 10 | 15 | 67 | 0.0012 | 0.015 | 0.00633 | 0.00453 | 0.0011 | 0.0054 | 0.00674 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 15 | 87 | 0.0038 | 0.046 | 0.0143 | 0.0123 | 0.0006 | 0.0024 | 0.018 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte02ft | antimony | mg/kg | 7 | 15 | 47 | 0.31 | 0.53 | 0.403 | 0.0881 | 0.28 | 0.306 | 0.399 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte02ft | arsenic | mg/kg | 15 | 15 | 100 | 2.41 | 13.2 | 4.86 | 3.113 | -- | -- | 6.346 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte02ft | bap teq | mg/kg | 15 | 15 | 100 | 0.00424 | 0.101 | 0.0237 | 0.0244 | -- | -- | 0.0356 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte02ft | benzene | µg/kg | 7 | 15 | 47 | 0.12 | 0.26 | 0.2 | 0.0557 | 0.11 | 0.12 | 0.198 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 15 | 100 | 0.0021 | 0.1 | 0.0208 | 0.0252 | -- | -- | 0.0346 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 15 | 100 | 0.0023 | 0.075 | 0.0161 | 0.019 | -- | -- | 0.0264 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 15 | 100 | 0.0013 | 0.037 | 0.0109 | 0.0102 | -- | -- | 0.017 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 15 | 47 | 0.0012 | 0.015 | 0.0056 | 0.00525 | 0.0011 | 0.0056 | 0.00535 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte02ft | cadmium | mg/kg | 11 | 15 | 73 | 0.26 | 0.61 | 0.417 | 0.0986 | 0.0883 | 0.0883 | 0.435 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte02ft | chrysene | mg/kg | 15 | 15 | 100 | 0.012 | 0.29 | 0.0627 | 0.0701 | -- | -- | 0.0957 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24622 neptune ave | lte02ft | cobalt | mg/kg | 15 | 15 | 100 | 5.42 | 13.2 | 8.082 | 2.421 | -- | -- | 9.251 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte02ft | copper | mg/kg | 15 | 15 | 100 | 7.16 | 19 | 11.63 | 3.47 | -- | -- | 13.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 11 | 15 | 73 | 0.0014 | 0.019 | 0.00536 | 0.00515 | 0.0007 | 0.0034 | 0.00641 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 15 | 80 | 0.0009 | 0.018 | 0.00593 | 0.00528 | 0.0009 | 0.0043 | 0.00739 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte02ft | lead | mg/kg | 15 | 15 | 100 | 5.28 | 16 | 7.959 | 3.28 | -- | -- | 9.505 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte02ft | naphthalene | mg/kg | 12 | 15 | 80 | 0.0014 | 0.11 | 0.0186 | 0.0297 | 0.00028 | 0.00029 | 0.0462 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte02ft | pyrene | mg/kg | 15 | 15 | 100 | 0.0036 | 0.15 | 0.0294 | 0.0374 | -- | -- | 0.0485 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte02ft | toluene | µg/kg | 5 | 15 | 33 | 0.13 | 0.31 | 0.226 | 0.077 | 0.12 | 0.13 | 0.267 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte02ft | tph as diesel | mg/kg | 15 | 15 | 100 | 6.7 | 1500 | 181 | 375.6 | -- | -- | 603.7 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24622 neptune ave | lte02ft | tph as motor oil | mg/kg | 15 | 15 | 100 | 31 | 2800 | 512.1 | 722.3 | -- | -- | 1325 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24622 neptune ave | lte02ft | vanadium | mg/kg | 15 | 15 | 100 | 19.1 | 37 | 27.64 | 5.913 | -- | -- | 30.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte02ft | zinc | mg/kg | 15 | 15 | 100 | 21.3 | 56.6 | 35.06 | 8.838 | -- | -- | 39.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 24 | 38 | 0.11 | 51 | 5.884 | 16.92 | 0.089 | 0.66 | 11.86 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 18 | 24 | 75 | 0.0012 | 19 | 1.204 | 4.471 | 0.0011 | 0.0054 | 4.381 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 24 | 92 | 0.0038 | 30 | 1.567 | 6.399 | 0.0006 | 0.0024 | 6.901 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | antimony | mg/kg | 13 | 24 | 54 | 0.29 | 0.56 | 0.403 | 0.0903 | 0.28 | 0.306 | 0.389 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 2.41 | 13.2 | 5.047 | 2.67 | -- | -- | 6.015 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24622 neptune ave | lte05ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00424 | 3.304 | 0.19 | 0.672 | -- | -- | 0.788 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | benzene | µg/kg | 12 | 24 | 50 | 0.12 | 2 | 0.328 | 0.529 | 0.1 | 0.64 | 0.376 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 24 | 24 | 100 | 0.0021 | 2.5 | 0.168 | 0.517 | -- | -- | 0.627 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 23 | 24 | 96 | 0.0023 | 2.5 | 0.14 | 0.52 | 0.052 | 0.052 | 0.588 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 24 | 24 | 100 | 0.0013 | 1.5 | 0.097 | 0.31 | -- | -- | 0.373 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 12 | 24 | 50 | 0.0012 | 1.8 | 0.161 | 0.517 | 0.0011 | 0.073 | 0.415 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | cadmium | mg/kg | 18 | 24 | 75 | 0.26 | 0.61 | 0.409 | 0.0882 | 0.0883 | 0.0883 | 0.412 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte05ft | chrysene | mg/kg | 24 | 24 | 100 | 0.012 | 2.9 | 0.274 | 0.646 | -- | -- | 0.848 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 5.33 | 13.2 | 7.798 | 2.007 | -- | -- | 8.504 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 7.16 | 19 | 11.05 | 3.13 | -- | -- | 12.16 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 17 | 24 | 71 | 0.0014 | 0.25 | 0.0256 | 0.0633 | 0.0007 | 0.045 | 0.0672 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 24 | 79 | 0.0009 | 1.1 | 0.0679 | 0.251 | 0.0009 | 0.044 | 0.254 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 3.9 | 50.6 | 8.626 | 9.44 | -- | -- | 17.03 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | naphthalene | mg/kg | 20 | 24 | 83 | 0.0014 | 9.6 | 0.571 | 2.139 | 0.00026 | 0.00029 | 2.224 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0036 | 5 | 0.327 | 1.039 | -- | -- | 1.251 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte05ft | toluene | µg/kg | 7 | 24 | 29 | 0.13 | 0.31 | 0.209 | 0.0696 | 0.11 | 0.65 | 0.19 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte05ft | tph as diesel | mg/kg | 24 | 24 | 100 | 6.7 | 14000 | 929.2 | 2873 | -- | -- | 3485 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24622 neptune ave | lte05ft | tph as gasoline | mg/kg | 8 | 24 | 33 | 0.057 | 110 | 28.61 | 42.37 | 0.046 | 0.057 | 19.51 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte05ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 31 | 17000 | 1353 | 3464 | -- | -- | 4435 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24622 neptune ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 19.1 | 37 | 28.04 | 5.11 | -- | -- | 29.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte05ft | xylenes, total | µg/kg | 6 | 24 | 25 | 0.18 | 1.3 | 0.537 | 0.468 | 0.15 | 16 | 0.42 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 21.3 | 56.6 | 34.73 | 8.364 | -- | -- | 37.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 34 | 53 | 0.11 | 4300 | 565.5 | 1207 | 0.089 | 0.69 | 991.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 34 | 26 | 0.28 | 360 | 127.1 | 142.1 | 0.075 | 0.81 | 61.19 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 28 | 34 | 82 | 0.0012 | 30 | 5.988 | 9.183 | 0.0011 | 0.0054 | 11.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 32 | 34 | 94 | 0.0038 | 46 | 8.058 | 13.46 | 0.0006 | 0.0024 | 17.45 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | antimony | mg/kg | 15 | 34 | 44 | 0.29 | 0.56 | 0.397 | 0.0863 | 0.28 | 0.306 | 0.366 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 2.41 | 13.2 | 4.764 | 2.539 | -- | -- | 5.525 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | bap teq | mg/kg | 34 | 34 | 100 | 0.00424 | 3.304 | 0.206 | 0.57 | -- | -- | 0.632 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24622 neptune ave | lte10ft | benzene | µg/kg | 19 | 34 | 56 | 0.12 | 1800 | 185.8 | 430.6 | 0.1 | 0.7 | 354.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 34 | 34 | 100 | 0.0021 | 2.5 | 0.242 | 0.469 | -- | -- | 0.593 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24622 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 28 | 34 | 82 | 0.0023 | 2.5 | 0.16 | 0.476 | 0.021 | 0.052 | 0.459 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 31 | 34 | 91 | 0.0013 | 1.5 | 0.145 | 0.291 | 0.035 | 0.07 | 0.342 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 34 | 35 | 0.0012 | 1.8 | 0.161 | 0.517 | 0.0011 | 0.23 | 0.296 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | cadmium | mg/kg | 25 | 34 | 74 | 0.26 | 0.61 | 0.379 | 0.0905 | 0.0883 | 0.0883 | 0.375 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte10ft | chrysene | mg/kg | 34 | 34 | 100 | 0.012 | 2.9 | 0.472 | 0.68 | -- | -- | 0.98 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 5.33 | 13.2 | 7.614 | 1.758 | -- | -- | 8.112 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24622 neptune ave | lte10ft | copper | mg/kg | 34 | 34 | 100 | 7.09 | 19 | 10.36 | 2.922 | -- | -- | 11.19 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 17 | 34 | 50 | 0.0014 | 0.25 | 0.0256 | 0.0633 | 0.0007 | 0.13 | 0.0295 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | ethylbenzene | µg/kg | 14 | 34 | 41 | 0.35 | 2900 | 1159 | 1104 | 0.12 | 0.14 | 745.2 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24622 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 34 | 62 | 0.0009 | 1.1 | 0.0687 | 0.239 | 0.0009 | 0.17 | 0.187 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | lead | mg/kg | 34 | 34 | 100 | 3.36 | 50.6 | 7.34 | 8.154 | -- | -- | 13.44 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24622 neptune ave | lte10ft | naphthalene | mg/kg | 30 | 34 | 88 | 0.0014 | 15 | 3.307 | 4.949 | 0.00026 | 0.00029 | 6.486 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | pyrene | mg/kg | 34 | 34 | 100 | 0.0036 | 5 | 0.744 | 1.217 | -- | -- | 1.654 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | toluene | µg/kg | 10 | 34 | 29 | 0.13 | 39 | 5.701 | 12.7 | 0.11 | 27 | 7.426 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | tph as diesel | mg/kg | 34 | 34 | 100 | 6.7 | 14000 | 3112 | 4637 | -- | -- | 6578 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | tph as gasoline | mg/kg | 18 | 34 | 53 | 0.057 | 800 | 210.5 | 261.7 | 0.046 | 0.057 | 177.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte10ft | tph as motor oil | mg/kg | 34 | 34 | 100 | 31 | 17000 | 3881 | 5367 | -- | -- | 7894 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24622 neptune ave | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 19.1 | 37 | 27.9 | 4.945 | -- | -- | 29.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24622 neptune ave | lte10ft | xylenes, total | µg/kg | 15 | 34 | 44 | 0.18 | 1300 | 368.8 | 472.6 | 0.15 | 17 | 269.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24622 neptune ave | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 21.1 | 56.6 | 34.01 | 8.752 | -- | -- | 36.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 5 | 8 | 63 | 0.0017 | 11 | 2.203 | 4.918 | 0.0006 | 0.0006 | 7.644 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 3.01 | 25.8 | 10.31 | 7.691 | -- | -- | 15.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.23 | 11.9 | 9.786 | 2.343 | -- | -- | 11.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 12.1 | 27.3 | 21.03 | 5.5 | -- | -- | 24.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 3.79 | 8.36 | 6.243 | 1.476 | -- | -- | 7.231 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | gt05lte10ft | naphthalene | mg/kg | 6 | 8 | 75 | 0.0013 | 18 | 3.002 | 7.347 | 0.00029 | 0.00031 | 12.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 28.1 | 50.4 | 42.16 | 8.987 | -- | -- | 48.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 26.8 | 60.6 | 50.19 | 10.57 | -- | -- | 57.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 16 | 38 | 0.0016 | 0.011 | 0.00425 | 0.00354 | 0.0011 | 0.0054 | 0.00381 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 16 | 81 | 0.0008 | 0.024 | 0.00541 | 0.00657 | 0.0006 | 0.003 | 0.0113 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 3.25 | 7.37 | 5.366 | 1.271 | -- | -- | 5.923 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | lte02ft | bap teq | mg/kg | 9 | 16 | 56 | 0.000675 | 0.0508 | 0.00862 | 0.0165 | 0.00053 | 0.00261 | 0.0194 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24623 marbella ave | lte02ft | benzene | µg/kg | 8 | 16 | 50 | 0.12 | 0.35 | 0.193 | 0.0814 | 0.11 | 0.13 | 0.191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 6 | 16 | 38 | 0.0008 | 0.015 | 0.00408 | 0.00555 | 0.0007 | 0.0033 | 0.00371 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 7 | 16 | 44 | 0.0006 | 0.035 | 0.0079 | 0.0127 | 0.0005 | 0.0025 | 0.00787 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 16 | 38 | 0.0005 | 0.043 | 0.00877 | 0.0169 | 0.0004 | 0.0018 | 0.00854 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 marbella ave | lte02ft | cadmium | mg/kg | 16 | 16 | 100 | 0.131 | 0.3 | 0.215 | 0.0449 | -- | -- | 0.235 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | lte02ft | chrysene | mg/kg | 9 | 16 | 56 | 0.0015 | 0.042 | 0.00966 | 0.0142 | 0.0012 | 0.0059 | 0.0186 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24623 marbella ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 9.5 | 13.1 | 11.58 | 1.002 | -- | -- | 12.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 16.6 | 30.4 | 22.52 | 4.085 | -- | -- | 24.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 5.5 | 23.1 | 10.11 | 5.255 | -- | -- | 12.81 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24623 marbella ave | lte02ft | naphthalene | mg/kg | 9 | 16 | 56 | 0.00035 | 0.012 | 0.00346 | 0.00379 | 0.00026 | 0.00038 | 0.00407 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte02ft | pyrene | mg/kg | 13 | 16 | 81 | 0.0009 | 0.021 | 0.00455 | 0.0059 | 0.0008 | 0.0008 | 0.00988 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 marbella ave | lte02ft | tph as diesel | mg/kg | 7 | 16 | 44 | 6.7 | 100 | 36.39 | 32.03 | 4.8 | 4.8 | 35.13 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | lte02ft | tph as motor oil | mg/kg | 7 | 16 | 44 | 28 | 390 | 170.6 | 126 | 7 | 7 | 160.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 30 | 46 | 40.83 | 3.759 | -- | -- | 42.64 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 marbella ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 42.4 | 69.3 | 52.63 | 7.551 | -- | -- | 55.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 11 | 24 | 46 | 0.0011 | 22 | 2.004 | 6.632 | 0.0011 | 0.0054 | 5.021 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 24 | 79 | 0.0008 | 37 | 1.953 | 8.487 | 0.0006 | 0.003 | 8.304 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 3.25 | 15.8 | 5.995 | 2.461 | -- | -- | 6.791 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte05ft | bap teq | mg/kg | 10 | 24 | 42 | 0.000675 | 0.106 | 0.0183 | 0.0344 | 0.00053 | 0.00261 | 0.0294 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24623 marbella ave | lte05ft | benzene | µg/kg | 11 | 24 | 46 | 0.12 | 90 | 8.351 | 27.08 | 0.11 | 0.15 | 20.65 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 6 | 24 | 25 | 0.0008 | 0.015 | 0.00408 | 0.00555 | 0.0007 | 0.13 | 0.00282 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 7 | 24 | 29 | 0.0006 | 0.035 | 0.0079 | 0.0127 | 0.0005 | 0.099 | 0.00565 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 6 | 24 | 25 | 0.0005 | 0.043 | 0.00877 | 0.0169 | 0.0004 | 0.07 | 0.00606 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 marbella ave | lte05ft | cadmium | mg/kg | 24 | 24 | 100 | 0.105 | 0.566 | 0.227 | 0.0912 | -- | -- | 0.258 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte05ft | chrysene | mg/kg | 10 | 24 | 42 | 0.0015 | 0.42 | 0.0507 | 0.13 | 0.0012 | 0.0059 | 0.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 8.75 | 18.6 | 11.91 | 2.058 | -- | -- | 12.63 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 16.6 | 48.1 | 24.59 | 6.761 | -- | -- | 26.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 4.13 | 23.1 | 9.221 | 4.798 | -- | -- | 10.94 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 marbella ave | lte05ft | naphthalene | mg/kg | 14 | 24 | 58 | 0.00035 | 15 | 1.075 | 4.008 | 0.00026 | 0.00038 | 3.394 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte05ft | pyrene | mg/kg | 15 | 24 | 63 | 0.0009 | 0.23 | 0.0193 | 0.0585 | 0.0008 | 0.0008 | 0.0544 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte05ft | tph as diesel | mg/kg | 8 | 24 | 33 | 6.7 | 17000 | 2157 | 5998 | 4.8 | 4.8 | 3952 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte05ft | tph as motor oil | mg/kg | 8 | 24 | 33 | 28 | 16000 | 2149 | 5598 | 7 | 7 | 3764 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24623 marbella ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 30 | 67.1 | 42.38 | 6.474 | -- | -- | 44.75 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 41 | 92.1 | 53.58 | 11.14 | -- | -- | 57.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 14 | 32 | 44 | 0.0011 | 22 | 2.182 | 6.137 | 0.0011 | 0.0054 | 4.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 32 | 75 | 0.0008 | 37 | 2.005 | 7.784 | 0.0006 | 0.003 | 6.743 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 3.01 | 25.8 | 7.075 | 4.632 | -- | -- | 8.529 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte10ft | bap teq | mg/kg | 12 | 32 | 38 | 0.000675 | 0.106 | 0.0198 | 0.0332 | 0.00053 | 0.00261 | 0.0252 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24623 marbella ave | lte10ft | benzene | µg/kg | 12 | 32 | 38 | 0.12 | 90 | 7.67 | 25.93 | 0.11 | 24 | 15.53 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 6 | 32 | 19 | 0.0008 | 0.015 | 0.00408 | 0.00555 | 0.0007 | 0.13 | 0.00235 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 8 | 32 | 25 | 0.0006 | 0.035 | 0.00703 | 0.012 | 0.0005 | 0.099 | 0.00446 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 32 | 22 | 0.0005 | 0.043 | 0.00763 | 0.0157 | 0.0004 | 0.07 | 0.0085 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte10ft | cadmium | mg/kg | 28 | 32 | 88 | 0.101 | 0.566 | 0.212 | 0.0928 | 0.0883 | 0.0883 | 0.229 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte10ft | chrysene | mg/kg | 11 | 32 | 34 | 0.0015 | 0.42 | 0.0652 | 0.133 | 0.0012 | 0.0059 | 0.0882 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 5.23 | 18.6 | 11.38 | 2.292 | -- | -- | 12.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 marbella ave | lte10ft | copper | mg/kg | 32 | 32 | 100 | 12.1 | 48.1 | 23.7 | 6.573 | -- | -- | 25.68 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte10ft | lead | mg/kg | 32 | 32 | 100 | 3.79 | 23.1 | 8.476 | 4.392 | -- | -- | 9.834 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24623 marbella ave | lte10ft | naphthalene | mg/kg | 20 | 32 | 63 | 0.00035 | 18 | 1.653 | 5.101 | 0.00026 | 0.00038 | 4.204 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte10ft | pyrene | mg/kg | 19 | 32 | 59 | 0.0009 | 0.23 | 0.0267 | 0.0684 | 0.0008 | 0.0008 | 0.058 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte10ft | toluene | µg/kg | 5 | 32 | 16 | 0.13 | 0.34 | 0.188 | 0.0898 | 0.12 | 27 | 0.153 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 marbella ave | lte10ft | tph as diesel | mg/kg | 9 | 32 | 28 | 6.7 | 17000 | 2528 | 5720 | 4.8 | 4.8 | 3230 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 marbella ave | lte10ft | tph as motor oil | mg/kg | 9 | 32 | 28 | 28 | 16000 | 2522 | 5354 | 7 | 7 | 3101 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24623 marbella ave | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 28.1 | 67.1 | 42.33 | 7.025 | -- | -- | 44.48 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 marbella ave | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 26.8 | 92.1 | 52.73 | 10.93 | -- | -- | 56.12 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 9 | 100 | 0.73 | 4600 | 1417 | 1766 | -- | -- | 4600 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 9 | 78 | 0.11 | 1100 | 299.8 | 396.1 | 7.6 | 8.4 | 777.1 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 9 | 9 | 100 | 0.16 | 140 | 50.74 | 46.2 | -- | -- | 79.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 9 | 100 | 0.2 | 210 | 77.69 | 69.87 | -- | -- | 121 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 4.28 | 7.84 | 5.409 | 1.209 | -- | -- | 6.158 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | bap teq | mg/kg | 9 | 9 | 100 | 0.0154 | 4.856 | 1.591 | 1.559 | -- | -- | 2.557 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | benzene | µg/kg | 9 | 9 | 100 | 0.34 | 1400 | 403.8 | 435.3 | -- | -- | 673.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 9 | 89 | 0.019 | 7 | 1.937 | 2.216 | 2.6 | 2.6 | 4.981 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 9 | 100 | 0.011 | 3.6 | 1.137 | 1.129 | -- | -- | 1.837 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | chrysene | mg/kg | 9 | 9 | 100 | 0.049 | 10 | 3.4 | 3.125 | -- | -- | 5.337 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 7.3 | 9.73 | 7.97 | 0.781 | -- | -- | 8.469 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.7 | 11.2 | 9.419 | 1.085 | -- | -- | 10.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 9 | 9 | 100 | 29 | 4400 | 1447 | 1330 | -- | -- | 2272 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 4.67 | 10.4 | 6.253 | 1.915 | -- | -- | 7.5 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | gt05lte10ft | naphthalene | mg/kg | 9 | 9 | 100 | 0.075 | 56 | 23 | 19.94 | -- | -- | 35.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | pyrene | mg/kg | 9 | 9 | 100 | 0.041 | 31 | 9.497 | 9.227 | -- | -- | 24.46 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | toluene | µg/kg | 6 | 9 | 67 | 0.3 | 93 | 34.22 | 34.62 | 11 | 13 | 45.22 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 9 | 100 | 440 | 23000 | 11516 | 7920 | -- | -- | 16425 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 9 | 9 | 100 | 120 | 1100 | 651.1 | 286.7 | -- | -- | 828.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 9 | 100 | 580 | 24000 | 11942 | 8448 | -- | -- | 17179 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 28.6 | 35.2 | 31.93 | 2.262 | -- | -- | 33.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 9 | 9 | 100 | 0.41 | 3600 | 871 | 1185 | -- | -- | 3600 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 25.1 | 35.2 | 30.13 | 3.763 | -- | -- | 32.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 14 | 86 | 0.0029 | 0.057 | 0.0252 | 0.0163 | 0.024 | 0.024 | 0.0309 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 5.59 | 10.7 | 7.779 | 1.536 | -- | -- | 8.505 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.0118 | 0.0992 | 0.0544 | 0.0294 | -- | -- | 0.0683 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | benzene | µg/kg | 10 | 14 | 71 | 0.14 | 0.62 | 0.326 | 0.177 | 0.11 | 0.11 | 0.359 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 14 | 86 | 0.0064 | 0.091 | 0.0483 | 0.0226 | 0.013 | 0.026 | 0.0548 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.0098 | 0.084 | 0.0424 | 0.0237 | 0.02 | 0.02 | 0.0518 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 14 | 71 | 0.0032 | 0.11 | 0.03 | 0.0299 | 0.007 | 0.014 | 0.0371 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.022 | 0.6 | 0.152 | 0.14 | -- | -- | 0.228 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.38 | 9.53 | 8.283 | 0.892 | -- | -- | 8.705 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 10.2 | 30.7 | 15.63 | 5.307 | -- | -- | 18.14 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 14 | 43 | 0.0096 | 0.017 | 0.0128 | 0.00301 | 0.0027 | 0.027 | 0.0135 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 14 | 50 | 0.0051 | 0.034 | 0.0153 | 0.00892 | 0.0035 | 0.035 | 0.0183 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 4.04 | 34.3 | 13.25 | 9.48 | -- | -- | 18.33 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 neptune ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.011 | 0.2 | 0.0719 | 0.0484 | -- | -- | 0.0948 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | toluene | µg/kg | 12 | 14 | 86 | 0.13 | 1.5 | 0.474 | 0.419 | 0.12 | 0.13 | 0.606 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 64 | 3500 | 627.8 | 979 | -- | -- | 1225 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 neptune ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 160 | 6200 | 1299 | 1703 | -- | -- | 2302 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 29.5 | 38 | 33.6 | 2.682 | -- | -- | 34.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 28.4 | 115 | 47.24 | 23.25 | -- | -- | 58.89 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 27 | 19 | 11 | 2000 | 611.6 | 864.1 | 0.088 | 11 | 341.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24623 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 27 | 44 | 0.0047 | 14 | 3.201 | 4.834 | 0.0043 | 0.043 | 2.615 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 27 | 81 | 0.0028 | 22 | 2.601 | 6.036 | 0.0024 | 0.024 | 6.772 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 5.59 | 16 | 9.77 | 2.747 | -- | -- | 10.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte05ft | bap teq | mg/kg | 27 | 27 | 100 | 0.00852 | 0.244 | 0.0718 | 0.0618 | -- | -- | 0.0946 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | benzene | µg/kg | 14 | 27 | 52 | 0.14 | 54 | 5.068 | 14.48 | 0.11 | 13 | 11.73 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 27 | 93 | 0.0064 | 0.42 | 0.0874 | 0.0964 | 0.013 | 0.026 | 0.161 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 27 | 89 | 0.0066 | 0.16 | 0.0485 | 0.0366 | 0.02 | 0.2 | 0.0579 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 27 | 59 | 0.0032 | 0.11 | 0.0287 | 0.0265 | 0.0014 | 0.14 | 0.0287 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | chrysene | mg/kg | 27 | 27 | 100 | 0.02 | 0.9 | 0.197 | 0.203 | -- | -- | 0.268 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 6.38 | 9.91 | 8.573 | 0.816 | -- | -- | 8.841 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 10.2 | 30.7 | 16.49 | 3.978 | -- | -- | 17.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 27 | 30 | 0.0032 | 0.068 | 0.0185 | 0.0204 | 0.0027 | 0.27 | 0.0166 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24623 neptune ave | lte05ft | ethylbenzene | µg/kg | 9 | 27 | 33 | 0.19 | 1300 | 463.1 | 466.3 | 0.12 | 14 | 302.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 27 | 33 | 0.0051 | 0.063 | 0.02 | 0.018 | 0.0035 | 0.35 | 0.019 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24623 neptune ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 4.04 | 34.3 | 9.746 | 7.676 | -- | -- | 16.18 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte05ft | naphthalene | mg/kg | 15 | 27 | 56 | 0.0059 | 6.1 | 1.433 | 2.094 | 0.00024 | 0.028 | 2.245 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte05ft | pyrene | mg/kg | 27 | 27 | 100 | 0.011 | 0.84 | 0.154 | 0.185 | -- | -- | 0.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | toluene | µg/kg | 13 | 27 | 48 | 0.13 | 1.5 | 0.454 | 0.408 | 0.12 | 14 | 0.537 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | tph as diesel | mg/kg | 27 | 27 | 100 | 64 | 12000 | 1955 | 2705 | -- | -- | 3145 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | tph as gasoline | mg/kg | 16 | 27 | 59 | 0.078 | 490 | 146.5 | 169.8 | 0.049 | 0.069 | 142.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | tph as motor oil | mg/kg | 27 | 27 | 100 | 160 | 14000 | 2513 | 3044 | -- | -- | 3715 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 29.5 | 40.5 | 35.1 | 2.899 | -- | -- | 36.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 28.4 | 115 | 43.57 | 17.01 | -- | -- | 49.51 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 36 | 39 | 0.73 | 4600 | 1129 | 1519 | 0.088 | 11 | 751.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 36 | 28 | 0.11 | 1100 | 243.8 | 345.3 | 0.074 | 9.2 | 128.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 21 | 36 | 58 | 0.0047 | 140 | 23.57 | 38.05 | 0.0043 | 0.043 | 22.29 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 36 | 86 | 0.0028 | 210 | 24.4 | 50.28 | 0.0024 | 0.024 | 55.47 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 4.28 | 16 | 8.68 | 3.1 | -- | -- | 9.553 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte10ft | bap teq | mg/kg | 36 | 36 | 100 | 0.00852 | 4.856 | 0.452 | 1.002 | -- | -- | 1.179 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | benzene | µg/kg | 23 | 36 | 64 | 0.14 | 1400 | 161.1 | 329.6 | 0.11 | 13 | 302.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 33 | 36 | 92 | 0.0064 | 7 | 0.536 | 1.315 | 0.013 | 2.6 | 1.426 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 33 | 36 | 92 | 0.0066 | 3.6 | 0.345 | 0.75 | 0.02 | 0.2 | 0.844 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 18 | 36 | 50 | 0.0032 | 0.5 | 0.0537 | 0.114 | 0.0014 | 1.4 | 0.0655 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24623 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 36 | 14 | 0.0053 | 0.059 | 0.0205 | 0.022 | 0.0045 | 4.5 | 0.0137 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 5 | 35 | 14 | 0.25 | 0.68 | 0.36 | 0.182 | 0.22 | 0.22 | 0.289 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 neptune ave | lte10ft | chrysene | mg/kg | 36 | 36 | 100 | 0.02 | 10 | 0.998 | 2.06 | -- | -- | 2.494 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 6.38 | 9.91 | 8.423 | 0.839 | -- | -- | 8.659 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 7.7 | 30.7 | 14.72 | 4.655 | -- | -- | 16.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 36 | 25 | 0.0014 | 0.068 | 0.0166 | 0.02 | 0.0027 | 2.7 | 0.0129 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | ethylbenzene | µg/kg | 18 | 36 | 50 | 0.19 | 4400 | 955.2 | 1092 | 0.12 | 14 | 735.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 36 | 28 | 0.0028 | 0.063 | 0.0183 | 0.0178 | 0.0035 | 3.5 | 0.0166 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24623 neptune ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 4.04 | 34.3 | 8.873 | 6.852 | -- | -- | 13.85 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | naphthalene | mg/kg | 24 | 36 | 67 | 0.0059 | 56 | 9.519 | 15.96 | 0.00024 | 0.028 | 10.38 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | pyrene | mg/kg | 36 | 36 | 100 | 0.011 | 31 | 2.49 | 6.027 | -- | -- | 6.868 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | toluene | µg/kg | 19 | 36 | 53 | 0.13 | 93 | 11.12 | 24.35 | 0.12 | 14 | 19.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | tph as diesel | mg/kg | 36 | 36 | 100 | 64 | 23000 | 4345 | 6116 | -- | -- | 6745 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | tph as gasoline | mg/kg | 25 | 36 | 69 | 0.078 | 1100 | 328.1 | 326.4 | 0.049 | 0.069 | 455.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24623 neptune ave | lte10ft | tph as motor oil | mg/kg | 36 | 36 | 100 | 160 | 24000 | 4871 | 6352 | -- | -- | 7105 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 28.6 | 40.5 | 34.31 | 3.058 | -- | -- | 35.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24623 neptune ave | lte10ft | xylenes, total | µg/kg | 13 | 36 | 36 | 0.24 | 3600 | 615.4 | 1047 | 0.15 | 19 | 419.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24623 neptune ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 25.1 | 115 | 40.21 | 15.91 | -- | -- | 44.95 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 11 | 64 | 0.0031 | 32 | 13.59 | 13.72 | 0.0011 | 0.0011 | 16.64 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 11 | 64 | 0.0041 | 58 | 22.6 | 24.6 | 0.0006 | 0.0006 | 26.88 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 4.21 | 13.6 | 8.53 | 3.341 | -- | -- | 10.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | gt05lte10ft | benzene | µg/kg | 7 | 11 | 64 | 0.12 | 2800 | 481.8 | 1041 | 0.11 | 12 | 772.4 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 7.67 | 15.6 | 10.4 | 2.083 | -- | -- | 11.58 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 14.5 | 33.2 | 21.15 | 5.925 | -- | -- | 24.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 3.81 | 10.4 | 6.333 | 1.848 | -- | -- | 7.342 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | gt05lte10ft | naphthalene | mg/kg | 7 | 11 | 64 | 0.0013 | 25 | 9.505 | 10.39 | 0.00027 | 0.00028 | 11.32 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24627 marbella ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 26.5 | 75.2 | 41.54 | 13.16 | -- | -- | 49.12 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 31.7 | 62.2 | 48.4 | 9.431 | -- | -- | 53.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 23 | 22 | 0.13 | 0.8 | 0.416 | 0.26 | 0.092 | 0.14 | 0.398 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 23 | 30 | 0.0025 | 0.14 | 0.0234 | 0.0514 | 0.0011 | 0.021 | 0.0265 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 23 | 65 | 0.0008 | 0.25 | 0.0218 | 0.0632 | 0.0006 | 0.012 | 0.0621 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte02ft | antimony | mg/kg | 8 | 23 | 35 | 0.685 | 2.58 | 1.454 | 0.787 | 0.306 | 0.306 | 1.253 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24627 marbella ave | lte02ft | arsenic | mg/kg | 23 | 23 | 100 | 2.02 | 11 | 5.697 | 2.393 | -- | -- | 6.554 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte02ft | bap teq | mg/kg | 19 | 23 | 83 | 0.00123 | 0.0405 | 0.00875 | 0.0109 | 0.00053 | 0.00261 | 0.0169 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte02ft | benzene | µg/kg | 23 | 23 | 100 | 0.12 | 0.76 | 0.334 | 0.165 | -- | -- | 0.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 23 | 65 | 0.0007 | 0.034 | 0.00571 | 0.00845 | 0.0007 | 0.013 | 0.00731 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 23 | 70 | 0.001 | 0.032 | 0.00708 | 0.00898 | 0.0005 | 0.0099 | 0.00818 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 23 | 70 | 0.0008 | 0.027 | 0.00577 | 0.00735 | 0.0004 | 0.007 | 0.00697 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | lte02ft | chrysene | mg/kg | 18 | 23 | 78 | 0.0018 | 0.12 | 0.0171 | 0.0284 | 0.0012 | 0.0059 | 0.0374 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | lte02ft | cobalt | mg/kg | 23 | 23 | 100 | 9 | 14.9 | 12.24 | 1.723 | -- | -- | 12.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte02ft | copper | mg/kg | 23 | 23 | 100 | 15.6 | 33.2 | 23.88 | 5.178 | -- | -- | 25.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 23 | 39 | 0.0009 | 0.029 | 0.00841 | 0.00916 | 0.0009 | 0.0087 | 0.00645 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte02ft | lead | mg/kg | 23 | 23 | 100 | 7.02 | 26.3 | 11.74 | 5.055 | -- | -- | 13.61 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte02ft | naphthalene | mg/kg | 14 | 23 | 61 | 0.00053 | 0.042 | 0.00619 | 0.0105 | 0.00026 | 0.00038 | 0.00815 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24627 marbella ave | lte02ft | pyrene | mg/kg | 17 | 23 | 74 | 0.0015 | 0.29 | 0.0232 | 0.069 | 0.0008 | 0.0041 | 0.0722 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte02ft | toluene | µg/kg | 20 | 23 | 87 | 0.18 | 5.6 | 0.697 | 1.205 | 0.12 | 0.14 | 1.663 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte02ft | tph as diesel | mg/kg | 18 | 23 | 78 | 5.1 | 1500 | 225.6 | 376.1 | 4.8 | 4.8 | 491.8 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | lte02ft | tph as gasoline | mg/kg | 7 | 23 | 30 | 0.06 | 1 | 0.234 | 0.34 | 0.052 | 0.07 | 0.199 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte02ft | tph as motor oil | mg/kg | 18 | 23 | 78 | 13 | 3000 | 557.1 | 787.2 | 7 | 7 | 1106 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte02ft | vanadium | mg/kg | 23 | 23 | 100 | 27.1 | 51.8 | 41.67 | 6.625 | -- | -- | 44.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte02ft | xylenes, total | µg/kg | 10 | 23 | 43 | 0.18 | 0.52 | 0.265 | 0.0955 | 0.16 | 0.2 | 0.245 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | lte02ft | zinc | mg/kg | 23 | 23 | 100 | 44.1 | 100 | 60.87 | 13.53 | -- | -- | 65.67 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 37 | 24 | 0.13 | 13000 | 1450 | 4331 | 0.091 | 11 | 1955 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 16 | 37 | 43 | 0.0014 | 52 | 8.642 | 16.52 | 0.0011 | 0.021 | 12.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 37 | 68 | 0.0007 | 92 | 8.418 | 22.41 | 0.0006 | 0.012 | 19.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | antimony | mg/kg | 12 | 37 | 32 | 0.594 | 2.61 | 1.411 | 0.804 | 0.306 | 0.306 | 1.028 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte05ft | arsenic | mg/kg | 37 | 37 | 100 | 2.02 | 20.5 | 6.033 | 3.396 | -- | -- | 6.916 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte05ft | bap teq | mg/kg | 26 | 37 | 70 | 0.00054 | 1.041 | 0.0874 | 0.221 | 0.00053 | 0.411 | 0.199 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | benzene | µg/kg | 33 | 37 | 89 | 0.12 | 22 | 0.976 | 3.778 | 0.13 | 13 | 3.462 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 37 | 41 | 0.0007 | 0.034 | 0.00571 | 0.00845 | 0.0007 | 1.3 | 0.00501 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 37 | 51 | 0.0007 | 0.3 | 0.0276 | 0.0706 | 0.0005 | 0.99 | 0.0568 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 37 | 43 | 0.0008 | 0.027 | 0.00577 | 0.00735 | 0.0004 | 0.7 | 0.00498 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | lte05ft | chrysene | mg/kg | 23 | 37 | 62 | 0.0016 | 2.5 | 0.23 | 0.582 | 0.0012 | 0.95 | 0.485 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | cobalt | mg/kg | 37 | 37 | 100 | 5.61 | 21 | 11.85 | 3.003 | -- | -- | 12.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte05ft | copper | mg/kg | 37 | 37 | 100 | 7.2 | 33.6 | 22.45 | 6.723 | -- | -- | 24.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte05ft | ethylbenzene | µg/kg | 8 | 37 | 22 | 0.15 | 2200 | 568.9 | 801.4 | 0.12 | 0.18 | 247.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 37 | 24 | 0.0009 | 0.029 | 0.00841 | 0.00916 | 0.0009 | 1.7 | 0.00493 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte05ft | lead | mg/kg | 37 | 37 | 100 | 2.8 | 26.3 | 9.999 | 4.968 | -- | -- | 11.44 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte05ft | naphthalene | mg/kg | 24 | 37 | 65 | 0.00053 | 34 | 3.162 | 8.238 | 0.00025 | 0.00038 | 6.933 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | pyrene | mg/kg | 24 | 37 | 65 | 0.0009 | 4.3 | 0.324 | 1.011 | 0.0008 | 0.65 | 0.806 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | toluene | µg/kg | 28 | 37 | 76 | 0.15 | 110 | 4.503 | 20.7 | 0.12 | 15 | 16.45 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | tph as diesel | mg/kg | 24 | 37 | 65 | 5.1 | 19000 | 3519 | 6248 | 4.8 | 4.8 | 6094 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | tph as gasoline | mg/kg | 13 | 37 | 35 | 0.06 | 1300 | 210.9 | 465.9 | 0.049 | 0.07 | 285.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | tph as motor oil | mg/kg | 24 | 37 | 65 | 13 | 20000 | 3951 | 6424 | 7 | 7 | 4023 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | lte05ft | vanadium | mg/kg | 37 | 37 | 100 | 23.1 | 64.4 | 40.34 | 8.643 | -- | -- | 42.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte05ft | xylenes, total | µg/kg | 15 | 37 | 41 | 0.18 | 5700 | 395.1 | 1468 | 0.16 | 18 | 845.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte05ft | zinc | mg/kg | 37 | 37 | 100 | 27 | 100 | 54.86 | 15.4 | -- | -- | 59.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 48 | 25 | 0.13 | 16000 | 3687 | 5857 | 0.091 | 11 | 3042 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 48 | 13 | 0.19 | 4200 | 1630 | 1886 | 0.077 | 9.6 | 746.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 23 | 48 | 48 | 0.0014 | 52 | 10.15 | 15.58 | 0.0011 | 0.021 | 12.39 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 32 | 48 | 67 | 0.0007 | 92 | 11.52 | 23.27 | 0.0006 | 0.012 | 20.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | antimony | mg/kg | 15 | 48 | 31 | 0.594 | 3.23 | 1.584 | 0.946 | 0.306 | 0.306 | 1.076 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | lte10ft | arsenic | mg/kg | 48 | 48 | 100 | 2.02 | 20.5 | 6.605 | 3.511 | -- | -- | 7.441 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte10ft | bap teq | mg/kg | 30 | 48 | 63 | 0.00054 | 1.041 | 0.097 | 0.21 | 0.00053 | 0.411 | 0.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | benzene | µg/kg | 40 | 48 | 83 | 0.12 | 2800 | 85.12 | 448.5 | 0.11 | 13 | 329.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24627 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 15 | 48 | 31 | 0.0007 | 0.034 | 0.00571 | 0.00845 | 0.0007 | 1.3 | 0.00423 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 19 | 48 | 40 | 0.0007 | 0.3 | 0.0276 | 0.0706 | 0.0005 | 0.99 | 0.0442 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 48 | 33 | 0.0008 | 0.027 | 0.00577 | 0.00735 | 0.0004 | 0.7 | 0.00425 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | lte10ft | chrysene | mg/kg | 27 | 48 | 56 | 0.0016 | 2.5 | 0.272 | 0.561 | 0.0012 | 0.95 | 0.434 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | cobalt | mg/kg | 48 | 48 | 100 | 5.61 | 21 | 11.52 | 2.866 | -- | -- | 12.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte10ft | copper | mg/kg | 48 | 48 | 100 | 7.2 | 33.6 | 22.15 | 6.511 | -- | -- | 23.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24627 marbella ave | lte10ft | ethylbenzene | µg/kg | 12 | 48 | 25 | 0.15 | 11000 | 2118 | 3681 | 0.12 | 0.18 | 1032 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 48 | 19 | 0.0009 | 0.029 | 0.00841 | 0.00916 | 0.0009 | 1.7 | 0.0042 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte10ft | lead | mg/kg | 48 | 48 | 100 | 2.8 | 26.3 | 9.159 | 4.696 | -- | -- | 10.29 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte10ft | naphthalene | mg/kg | 31 | 48 | 65 | 0.00053 | 34 | 4.594 | 8.994 | 0.00025 | 0.00038 | 7.727 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | pyrene | mg/kg | 27 | 48 | 56 | 0.0009 | 4.3 | 0.363 | 1.009 | 0.0008 | 0.65 | 0.695 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | toluene | µg/kg | 31 | 48 | 65 | 0.15 | 110 | 5.598 | 21.12 | 0.12 | 27 | 14.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | tph as diesel | mg/kg | 28 | 48 | 58 | 5.1 | 23000 | 4820 | 7050 | 4.8 | 4.8 | 6527 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | tph as gasoline | mg/kg | 17 | 48 | 35 | 0.06 | 2700 | 532.4 | 892 | 0.048 | 0.07 | 561.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | tph as motor oil | mg/kg | 28 | 48 | 58 | 13 | 28000 | 5376 | 7612 | 7 | 7 | 4819 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24627 marbella ave | lte10ft | vanadium | mg/kg | 48 | 48 | 100 | 23.1 | 75.2 | 40.61 | 9.711 | -- | -- | 43.03 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24627 marbella ave | lte10ft | xylenes, total | µg/kg | 18 | 48 | 38 | 0.18 | 10000 | 1043 | 2637 | 0.16 | 18 | 1458 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24627 marbella ave | lte10ft | zinc | mg/kg | 48 | 48 | 100 | 27 | 100 | 53.38 | 14.43 | -- | -- | 57.06 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 12 | 42 | 39 | 13000 | 3080 | 5597 | 0.093 | 10 | 3371 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 12 | 42 | 11 | 2800 | 675.4 | 1199 | 0.078 | 8.5 | 731.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 12 | 67 | 0.0011 | 36 | 12.14 | 15 | 0.0011 | 0.0043 | 15.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.0015 | 72 | 17.42 | 26.5 | 0.0006 | 0.0024 | 46.15 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 3.6 | 25.6 | 12.03 | 6.073 | -- | -- | 15.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | bap teq | mg/kg | 11 | 12 | 92 | 0.00186 | 0.712 | 0.142 | 0.235 | 0.00053 | 0.00053 | 0.418 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | benzene | µg/kg | 6 | 12 | 50 | 0.38 | 2900 | 492.6 | 1180 | 0.11 | 35 | 701.1 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 12 | 67 | 0.0014 | 0.83 | 0.126 | 0.286 | 0.0007 | 0.26 | 0.227 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 12 | 67 | 0.0007 | 0.49 | 0.0703 | 0.17 | 0.0005 | 0.2 | 0.131 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 12 | 58 | 0.0009 | 0.24 | 0.0398 | 0.0885 | 0.0004 | 0.14 | 0.0635 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | chrysene | mg/kg | 11 | 12 | 92 | 0.0024 | 2.9 | 0.476 | 0.866 | 0.0012 | 0.0012 | 1.494 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 4.36 | 16.9 | 8.821 | 3.864 | -- | -- | 10.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 5.18 | 28.9 | 15.47 | 7.594 | -- | -- | 19.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 5 | 12 | 42 | 0.21 | 4700 | 2340 | 2159 | 0.12 | 13 | 2833 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 1.1 | 8.86 | 5.038 | 2.081 | -- | -- | 6.116 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | naphthalene | mg/kg | 9 | 12 | 75 | 0.0013 | 33 | 10.51 | 13.3 | 0.00029 | 0.0037 | 23.6 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | pyrene | mg/kg | 11 | 12 | 92 | 0.001 | 5.1 | 0.72 | 1.512 | 0.0008 | 0.0008 | 2.501 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | toluene | µg/kg | 5 | 12 | 42 | 0.13 | 200 | 40.36 | 89.24 | 0.12 | 35 | 94.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 12 | 83 | 5.8 | 36000 | 9033 | 12140 | 4.8 | 4.8 | 22170 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 12 | 67 | 0.21 | 2300 | 835.3 | 951.5 | 0.049 | 0.056 | 1015 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 12 | 92 | 8.2 | 42000 | 10055 | 14496 | 7 | 7 | 27061 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 14.9 | 54 | 34.08 | 11.76 | -- | -- | 40.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 19.3 | 53.3 | 38.43 | 11.52 | -- | -- | 44.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 14 | 28 | 50 | 0.0011 | 0.11 | 0.0109 | 0.0286 | 0.0011 | 0.011 | 0.014 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 28 | 28 | 100 | 0.0007 | 0.037 | 0.00635 | 0.00737 | -- | -- | 0.00878 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | arsenic | mg/kg | 28 | 28 | 100 | 3.4 | 15 | 6.719 | 2.754 | -- | -- | 7.631 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte02ft | bap teq | mg/kg | 28 | 28 | 100 | 0.000787 | 0.0409 | 0.0132 | 0.0116 | -- | -- | 0.0179 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | benzene | µg/kg | 20 | 28 | 71 | 0.12 | 0.44 | 0.207 | 0.0954 | 0.11 | 0.14 | 0.212 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24628 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 26 | 28 | 93 | 0.0007 | 0.025 | 0.00843 | 0.00686 | 0.0007 | 0.0007 | 0.0136 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 28 | 28 | 100 | 0.0005 | 0.033 | 0.00987 | 0.00891 | -- | -- | 0.0136 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 27 | 28 | 96 | 0.0007 | 0.016 | 0.00543 | 0.00457 | 0.0004 | 0.0004 | 0.00903 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 28 | 32 | 0.0015 | 0.0094 | 0.00492 | 0.00299 | 0.0011 | 0.011 | 0.00385 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte02ft | bromomethane | µg/kg | 8 | 28 | 29 | 0.71 | 850 | 107 | 300.2 | 0.69 | 1.6 | 169.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte02ft | cadmium | mg/kg | 27 | 28 | 96 | 0.012 | 0.777 | 0.166 | 0.189 | 0.0064 | 0.0064 | 0.316 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | chrysene | mg/kg | 27 | 28 | 96 | 0.0013 | 0.098 | 0.0271 | 0.0244 | 0.0012 | 0.0012 | 0.0463 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | cobalt | mg/kg | 28 | 28 | 100 | 6.98 | 17.7 | 10.97 | 2.486 | -- | -- | 11.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | copper | mg/kg | 28 | 28 | 100 | 11 | 39.3 | 21.61 | 6.28 | -- | -- | 23.67 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 14 | 28 | 50 | 0.0009 | 0.018 | 0.00468 | 0.00457 | 0.0007 | 0.0067 | 0.00409 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 28 | 71 | 0.001 | 0.024 | 0.00545 | 0.0053 | 0.0009 | 0.007 | 0.00586 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | lead | mg/kg | 28 | 28 | 100 | 6.6 | 45 | 14.42 | 10.32 | -- | -- | 22.92 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte02ft | naphthalene | mg/kg | 23 | 28 | 82 | 0.001 | 0.011 | 0.00362 | 0.00249 | 0.00026 | 0.00033 | 0.004 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24628 marbella ave | lte02ft | pyrene | mg/kg | 28 | 28 | 100 | 0.0014 | 0.076 | 0.0164 | 0.0166 | -- | -- | 0.0225 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | toluene | µg/kg | 17 | 28 | 61 | 0.13 | 0.57 | 0.259 | 0.114 | 0.12 | 0.15 | 0.247 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | tph as diesel | mg/kg | 27 | 28 | 96 | 23 | 1700 | 286.4 | 403.8 | 4.8 | 4.8 | 606.1 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24628 marbella ave | lte02ft | tph as gasoline | mg/kg | 13 | 28 | 46 | 0.064 | 1 | 0.17 | 0.252 | 0.048 | 0.067 | 0.181 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte02ft | tph as motor oil | mg/kg | 27 | 28 | 96 | 96 | 4800 | 1040 | 1076 | 7 | 7 | 1889 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte02ft | vanadium | mg/kg | 28 | 28 | 100 | 24.7 | 55.6 | 38.51 | 6.472 | -- | -- | 40.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte02ft | zinc | mg/kg | 28 | 28 | 100 | 30 | 89 | 52.23 | 15.48 | -- | -- | 57.28 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 40 | 13 | 0.12 | 15000 | 3060 | 6675 | 0.09 | 0.14 | 1080 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 20 | 40 | 50 | 0.0011 | 34 | 2.725 | 8.49 | 0.0011 | 0.011 | 5.611 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 39 | 40 | 98 | 0.0007 | 51 | 1.819 | 8.582 | 0.0006 | 0.0006 | 7.617 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | arsenic | mg/kg | 40 | 40 | 100 | 2.4 | 15 | 5.951 | 2.698 | -- | -- | 6.729 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte05ft | bap teq | mg/kg | 39 | 40 | 98 | 0.000787 | 0.549 | 0.0503 | 0.113 | 0.00053 | 0.00053 | 0.126 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte05ft | benzene | µg/kg | 25 | 40 | 63 | 0.12 | 2700 | 108.3 | 539.9 | 0.11 | 12 | 364.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 37 | 40 | 93 | 0.0007 | 0.81 | 0.0547 | 0.157 | 0.0007 | 0.0007 | 0.155 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 39 | 40 | 98 | 0.0005 | 0.38 | 0.0377 | 0.0818 | 0.0005 | 0.0005 | 0.0925 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 37 | 40 | 93 | 0.0005 | 0.11 | 0.0128 | 0.0226 | 0.0004 | 0.14 | 0.0276 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 40 | 35 | 0.0015 | 0.027 | 0.0088 | 0.0086 | 0.0011 | 0.29 | 0.00605 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte05ft | bromomethane | µg/kg | 8 | 40 | 20 | 0.71 | 850 | 107 | 300.2 | 0.67 | 150 | 119.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | cadmium | mg/kg | 32 | 40 | 80 | 0.007 | 0.777 | 0.145 | 0.18 | 0.0064 | 0.0064 | 0.235 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte05ft | chrysene | mg/kg | 38 | 40 | 95 | 0.0013 | 2.4 | 0.167 | 0.458 | 0.0012 | 0.0012 | 0.468 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte05ft | cobalt | mg/kg | 40 | 40 | 100 | 2.65 | 17.7 | 9.204 | 3.607 | -- | -- | 10.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte05ft | copper | mg/kg | 40 | 40 | 100 | 3.97 | 39.3 | 17.58 | 8.297 | -- | -- | 19.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 18 | 40 | 45 | 0.0009 | 0.027 | 0.00629 | 0.00695 | 0.0007 | 0.18 | 0.00507 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 26 | 40 | 65 | 0.001 | 0.046 | 0.00853 | 0.0109 | 0.0009 | 0.17 | 0.0131 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte05ft | lead | mg/kg | 40 | 40 | 100 | 0.48 | 45 | 11.62 | 9.893 | -- | -- | 18.44 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | naphthalene | mg/kg | 33 | 40 | 83 | 0.001 | 20 | 0.801 | 3.56 | 0.00026 | 0.00033 | 2.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | pyrene | mg/kg | 40 | 40 | 100 | 0.0014 | 4.1 | 0.243 | 0.784 | -- | -- | 0.783 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | toluene | µg/kg | 22 | 40 | 55 | 0.13 | 46 | 2.323 | 9.756 | 0.12 | 14 | 6.385 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | tph as diesel | mg/kg | 36 | 40 | 90 | 12 | 24000 | 1717 | 4692 | 4.8 | 4.8 | 4636 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | tph as gasoline | mg/kg | 17 | 40 | 43 | 0.064 | 1100 | 129.5 | 309.3 | 0.048 | 0.067 | 201.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte05ft | tph as motor oil | mg/kg | 37 | 40 | 93 | 18 | 42000 | 3333 | 8148 | 7 | 7 | 8519 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte05ft | vanadium | mg/kg | 40 | 40 | 100 | 10.1 | 55.6 | 32.65 | 11.29 | -- | -- | 35.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte05ft | zinc | mg/kg | 40 | 40 | 100 | 12.1 | 89 | 43.31 | 19.47 | -- | -- | 48.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 52 | 19 | 0.12 | 15000 | 3070 | 5808 | 0.09 | 10 | 1252 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 52 | 15 | 11 | 2800 | 770 | 1229 | 0.077 | 8.5 | 258.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 28 | 52 | 54 | 0.0011 | 36 | 5.414 | 11.3 | 0.0011 | 0.011 | 8.198 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 49 | 52 | 94 | 0.0007 | 72 | 5.002 | 15.18 | 0.0006 | 0.0024 | 13.65 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | arsenic | mg/kg | 52 | 52 | 100 | 2.4 | 25.6 | 7.353 | 4.495 | -- | -- | 10.07 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | bap teq | mg/kg | 50 | 52 | 96 | 0.000787 | 0.712 | 0.0705 | 0.15 | 0.00053 | 0.00053 | 0.157 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | benzene | µg/kg | 31 | 52 | 60 | 0.12 | 2900 | 182.7 | 699.2 | 0.11 | 35 | 440 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 45 | 52 | 87 | 0.0007 | 0.83 | 0.0674 | 0.184 | 0.0007 | 0.26 | 0.164 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 47 | 52 | 90 | 0.0005 | 0.49 | 0.0432 | 0.1 | 0.0005 | 0.2 | 0.0979 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 44 | 52 | 85 | 0.0005 | 0.24 | 0.0171 | 0.0402 | 0.0004 | 0.14 | 0.038 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 52 | 29 | 0.0015 | 0.027 | 0.00855 | 0.00834 | 0.0011 | 0.45 | 0.00534 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte10ft | bromomethane | µg/kg | 8 | 52 | 15 | 0.71 | 850 | 107 | 300.2 | 0.67 | 150 | 92.44 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | cadmium | mg/kg | 34 | 52 | 65 | 0.007 | 0.777 | 0.146 | 0.175 | 0.0064 | 0.0064 | 0.143 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte10ft | chrysene | mg/kg | 49 | 52 | 94 | 0.0013 | 2.9 | 0.237 | 0.579 | 0.0012 | 0.0012 | 0.564 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | cobalt | mg/kg | 52 | 52 | 100 | 2.65 | 17.7 | 9.115 | 3.633 | -- | -- | 9.959 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte10ft | copper | mg/kg | 52 | 52 | 100 | 3.97 | 39.3 | 17.1 | 8.117 | -- | -- | 18.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 19 | 52 | 37 | 0.0009 | 0.027 | 0.00609 | 0.00681 | 0.0007 | 0.27 | 0.00435 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte10ft | ethylbenzene | µg/kg | 9 | 52 | 17 | 0.21 | 7500 | 2138 | 2764 | 0.12 | 14 | 703.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 28 | 52 | 54 | 0.001 | 0.046 | 0.00815 | 0.0105 | 0.0009 | 0.35 | 0.011 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte10ft | lead | mg/kg | 52 | 52 | 100 | 0.48 | 45 | 10.1 | 9.144 | -- | -- | 15.63 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | naphthalene | mg/kg | 42 | 52 | 81 | 0.001 | 33 | 2.882 | 7.79 | 0.00026 | 0.0037 | 6.617 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | pyrene | mg/kg | 51 | 52 | 98 | 0.001 | 5.1 | 0.346 | 0.988 | 0.0008 | 0.0008 | 0.932 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | thallium | mg/kg | 6 | 52 | 12 | 0.23 | 0.44 | 0.317 | 0.0763 | 0.23 | 0.232 | 0.31 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte10ft | toluene | µg/kg | 27 | 52 | 52 | 0.13 | 200 | 9.366 | 39.1 | 0.12 | 35 | 22.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | tph as diesel | mg/kg | 46 | 52 | 88 | 5.8 | 36000 | 3308 | 7477 | 4.8 | 4.8 | 7226 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 marbella ave | lte10ft | tph as gasoline | mg/kg | 25 | 52 | 48 | 0.064 | 2300 | 355.4 | 663.9 | 0.048 | 0.067 | 469.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24628 marbella ave | lte10ft | tph as motor oil | mg/kg | 48 | 52 | 92 | 8.2 | 42000 | 4873 | 10184 | 7 | 7 | 10466 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 marbella ave | lte10ft | vanadium | mg/kg | 52 | 52 | 100 | 10.1 | 55.6 | 32.98 | 11.3 | -- | -- | 35.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte10ft | xylenes, total | µg/kg | 5 | 52 | 10 | 99 | 11000 | 3138 | 4638 | 0.16 | 87 | 1248 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 marbella ave | lte10ft | zinc | mg/kg | 52 | 52 | 100 | 12.1 | 89 | 42.18 | 17.97 | -- | -- | 46.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 8 | 88 | 0.0019 | 0.039 | 0.0193 | 0.0123 | 0.012 | 0.012 | 0.0262 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | arsenic | mg/kg | 8 | 8 | 100 | 0.664 | 2.67 | 1.749 | 0.673 | -- | -- | 2.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00522 | 0.056 | 0.0267 | 0.0179 | -- | -- | 0.0386 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | benzene | µg/kg | 6 | 8 | 75 | 0.11 | 0.24 | 0.168 | 0.0512 | 0.1 | 0.12 | 0.189 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.0011 | 0.044 | 0.0243 | 0.0149 | -- | -- | 0.0343 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.0045 | 0.047 | 0.0238 | 0.0141 | 0.0049 | 0.0049 | 0.0314 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | chrysene | mg/kg | 8 | 8 | 100 | 0.0089 | 0.11 | 0.0636 | 0.0354 | -- | -- | 0.0873 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | cobalt | mg/kg | 8 | 8 | 100 | 5.75 | 7.3 | 6.351 | 0.523 | -- | -- | 6.702 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | copper | mg/kg | 8 | 8 | 100 | 6.93 | 11.1 | 8.656 | 1.491 | -- | -- | 9.655 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | lead | mg/kg | 8 | 8 | 100 | 4.88 | 8.32 | 6.978 | 1.34 | -- | -- | 7.875 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | naphthalene | mg/kg | 5 | 8 | 63 | 0.0025 | 0.047 | 0.016 | 0.018 | 0.00027 | 0.0003 | 0.0216 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | pyrene | mg/kg | 8 | 8 | 100 | 0.0042 | 0.053 | 0.0353 | 0.0171 | -- | -- | 0.0467 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | toluene | µg/kg | 5 | 8 | 63 | 0.16 | 0.27 | 0.218 | 0.0507 | 0.12 | 0.14 | 0.244 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | tph as diesel | mg/kg | 6 | 8 | 75 | 63 | 250 | 141.5 | 71.54 | 4.8 | 4.8 | 173.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 8.2 | 970 | 434.9 | 380.4 | -- | -- | 689.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | vanadium | mg/kg | 8 | 8 | 100 | 18 | 26 | 21.95 | 2.672 | -- | -- | 23.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte02ft | zinc | mg/kg | 8 | 8 | 100 | 20 | 29.2 | 25.64 | 3.164 | -- | -- | 27.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0024 | 0.25 | 0.0502 | 0.0982 | 0.0011 | 0.021 | 0.0653 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.0019 | 0.28 | 0.0424 | 0.0843 | 0.003 | 0.012 | 0.135 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24628 neptune ave | lte05ft | arsenic | mg/kg | 12 | 12 | 100 | 0.664 | 5.85 | 2.525 | 1.492 | -- | -- | 3.299 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | bap teq | mg/kg | 12 | 12 | 100 | 0.0019 | 0.056 | 0.0228 | 0.0165 | -- | -- | 0.0313 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | benzene | µg/kg | 9 | 12 | 75 | 0.11 | 0.25 | 0.167 | 0.0552 | 0.1 | 0.12 | 0.181 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0011 | 0.044 | 0.0213 | 0.0142 | -- | -- | 0.0286 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 10 | 12 | 83 | 0.0045 | 0.047 | 0.0213 | 0.0126 | 0.001 | 0.0049 | 0.0255 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 5 | 12 | 42 | 0.003 | 0.01 | 0.00606 | 0.00269 | 0.0007 | 0.007 | 0.00692 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0089 | 0.11 | 0.0595 | 0.0359 | -- | -- | 0.0781 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | cobalt | mg/kg | 12 | 12 | 100 | 5.75 | 9.22 | 7.008 | 1.107 | -- | -- | 7.582 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | copper | mg/kg | 12 | 12 | 100 | 6.93 | 14.7 | 9.698 | 2.411 | -- | -- | 10.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | lead | mg/kg | 12 | 12 | 100 | 4.88 | 27.5 | 8.575 | 6.071 | -- | -- | 12 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 neptune ave | lte05ft | naphthalene | mg/kg | 8 | 12 | 67 | 0.0016 | 0.15 | 0.0292 | 0.0511 | 0.00027 | 0.0003 | 0.0441 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte05ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0042 | 0.12 | 0.0456 | 0.036 | -- | -- | 0.0729 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte05ft | toluene | µg/kg | 6 | 12 | 50 | 0.16 | 0.27 | 0.217 | 0.0455 | 0.12 | 0.14 | 0.228 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | tph as diesel | mg/kg | 9 | 12 | 75 | 63 | 350 | 181 | 98.16 | 4.8 | 4.8 | 205.8 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | tph as motor oil | mg/kg | 11 | 12 | 92 | 8.2 | 970 | 447.2 | 339.5 | 7 | 7 | 591.6 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | vanadium | mg/kg | 12 | 12 | 100 | 18 | 34.6 | 24.46 | 4.904 | -- | -- | 27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte05ft | zinc | mg/kg | 12 | 12 | 100 | 20 | 34.4 | 27.54 | 4.17 | -- | -- | 29.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 18 | 33 | 0.25 | 140 | 30.19 | 55.82 | 0.091 | 9.7 | 24.89 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 18 | 67 | 0.0024 | 13 | 3.334 | 5.032 | 0.0011 | 0.021 | 4.06 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 15 | 18 | 83 | 0.0019 | 18 | 3.906 | 7.01 | 0.003 | 0.024 | 10.01 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 neptune ave | lte10ft | arsenic | mg/kg | 18 | 18 | 100 | 0.44 | 5.85 | 2.094 | 1.397 | -- | -- | 2.766 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte10ft | bap teq | mg/kg | 17 | 18 | 94 | 0.0019 | 0.342 | 0.059 | 0.0899 | 0.208 | 0.208 | 0.148 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte10ft | benzene | µg/kg | 12 | 18 | 67 | 0.11 | 490 | 42.14 | 141.1 | 0.1 | 11 | 148.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 15 | 18 | 83 | 0.0011 | 0.33 | 0.0511 | 0.0872 | 0.065 | 0.26 | 0.132 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 11 | 18 | 61 | 0.0045 | 0.29 | 0.0457 | 0.0819 | 0.001 | 0.2 | 0.102 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 18 | 28 | 0.003 | 0.01 | 0.00606 | 0.00269 | 0.0007 | 0.14 | 0.00687 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte10ft | chrysene | mg/kg | 17 | 18 | 94 | 0.0089 | 1 | 0.189 | 0.293 | 0.47 | 0.47 | 0.477 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 neptune ave | lte10ft | cobalt | mg/kg | 18 | 18 | 100 | 5.41 | 9.22 | 6.752 | 1.064 | -- | -- | 7.188 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte10ft | copper | mg/kg | 18 | 18 | 100 | 6.2 | 14.7 | 8.964 | 2.247 | -- | -- | 9.915 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24628 neptune ave | lte10ft | ethylbenzene | µg/kg | 10 | 18 | 56 | 0.14 | 2400 | 322.4 | 761.5 | 0.12 | 0.14 | 410.4 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte10ft | lead | mg/kg | 18 | 18 | 100 | 3.49 | 27.5 | 7.201 | 5.313 | -- | -- | 9.556 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 neptune ave | lte10ft | naphthalene | mg/kg | 14 | 18 | 78 | 0.0016 | 6.6 | 1.343 | 2.336 | 0.00027 | 0.0003 | 3.244 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte10ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0042 | 3.1 | 0.421 | 0.85 | -- | -- | 1.294 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24628 neptune ave | lte10ft | toluene | µg/kg | 9 | 18 | 50 | 0.14 | 0.97 | 0.289 | 0.259 | 0.12 | 13 | 0.329 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 neptune ave | lte10ft | tph as diesel | mg/kg | 15 | 18 | 83 | 54 | 13000 | 2559 | 4221 | 4.8 | 4.8 | 6223 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24628 neptune ave | lte10ft | tph as gasoline | mg/kg | 8 | 18 | 44 | 0.075 | 680 | 180.5 | 270.1 | 0.05 | 0.058 | 163.9 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24628 neptune ave | lte10ft | tph as motor oil | mg/kg | 17 | 18 | 94 | 8.2 | 13000 | 2480 | 4048 | 7 | 7 | 6429 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte10ft | vanadium | mg/kg | 18 | 18 | 100 | 16.5 | 34.6 | 23.52 | 4.916 | -- | -- | 25.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24628 neptune ave | lte10ft | xylenes, total | µg/kg | 6 | 18 | 33 | 0.19 | 290 | 58.73 | 114.8 | 0.16 | 17 | 49.62 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24628 neptune ave | lte10ft | zinc | mg/kg | 18 | 18 | 100 | 17.8 | 34.4 | 25.97 | 4.419 | -- | -- | 27.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 8 | 63 | 0.18 | 14000 | 4500 | 5537 | 0.11 | 9.7 | 6168 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 5 | 8 | 63 | 16 | 31 | 25.2 | 5.63 | 0.021 | 0.086 | 27.63 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 5 | 8 | 63 | 23 | 47 | 38.4 | 9.154 | 0.012 | 0.048 | 42.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 3.74 | 9.75 | 6.344 | 2.239 | -- | -- | 7.844 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.0181 | 0.914 | 0.395 | 0.373 | -- | -- | 0.645 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | benzene | µg/kg | 6 | 8 | 75 | 0.32 | 2500 | 841.8 | 927.5 | 11 | 11 | 1232 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.042 | 0.74 | 0.442 | 0.297 | -- | -- | 0.641 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 8 | 88 | 0.028 | 0.32 | 0.156 | 0.109 | 0.28 | 0.28 | 0.228 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.19 | 2.2 | 1.274 | 0.794 | -- | -- | 1.806 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 6.18 | 8.01 | 7.38 | 0.63 | -- | -- | 7.802 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 8.29 | 15.5 | 10.9 | 2.823 | -- | -- | 12.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 8 | 88 | 0.2 | 6100 | 2599 | 2561 | 13 | 13 | 3995 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.37 | 15.9 | 7.766 | 3.905 | -- | -- | 10.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | naphthalene | mg/kg | 7 | 8 | 88 | 0.0025 | 16 | 9.115 | 6.876 | 0.027 | 0.027 | 12.8 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.25 | 9.1 | 3.504 | 2.997 | -- | -- | 5.511 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | toluene | µg/kg | 5 | 8 | 63 | 0.19 | 76 | 21.68 | 31.38 | 12 | 13 | 31 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 3100 | 14000 | 8000 | 4359 | -- | -- | 10920 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 8 | 100 | 0.98 | 1500 | 612.9 | 541.2 | -- | -- | 975.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 3700 | 17000 | 8750 | 4948 | -- | -- | 12064 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 23.6 | 32.2 | 28.63 | 2.716 | -- | -- | 30.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 8 | 88 | 0.39 | 8700 | 1922 | 3123 | 17 | 17 | 6307 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 26.7 | 45.6 | 32.64 | 6.047 | -- | -- | 36.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 16 | 94 | 0.0008 | 0.18 | 0.0299 | 0.0453 | 0.0048 | 0.0048 | 0.0765 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte02ft | antimony | mg/kg | 8 | 16 | 50 | 0.328 | 1.95 | 0.779 | 0.526 | 0.306 | 0.306 | 0.748 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 3.63 | 13 | 7.135 | 2.341 | -- | -- | 8.161 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte02ft | bap teq | mg/kg | 19 | 19 | 100 | 0.00106 | 0.38 | 0.0603 | 0.0881 | -- | -- | 0.0994 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte02ft | benzene | µg/kg | 5 | 16 | 31 | 0.18 | 0.31 | 0.258 | 0.0517 | 0.11 | 0.14 | 0.264 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0007 | 0.48 | 0.0671 | 0.117 | -- | -- | 0.13 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.0007 | 0.29 | 0.0506 | 0.0724 | -- | -- | 0.0915 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 16 | 94 | 0.0005 | 0.16 | 0.0297 | 0.0407 | 0.0028 | 0.0028 | 0.0716 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0021 | 1.3 | 0.176 | 0.314 | -- | -- | 0.335 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.78 | 10.8 | 8.442 | 1.453 | -- | -- | 9.079 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 8.02 | 26.6 | 14.08 | 5.089 | -- | -- | 16.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 16 | 31 | 0.0007 | 0.022 | 0.00988 | 0.00818 | 0.0007 | 0.027 | 0.012 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 16 | 44 | 0.0015 | 0.051 | 0.0142 | 0.0167 | 0.0009 | 0.035 | 0.0137 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.17 | 20 | 10.73 | 5.088 | -- | -- | 13.54 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24629 neptune ave | lte02ft | naphthalene | mg/kg | 9 | 16 | 56 | 0.00053 | 0.073 | 0.0137 | 0.0226 | 0.00027 | 0.00033 | 0.0185 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0013 | 1.1 | 0.141 | 0.277 | -- | -- | 0.292 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte02ft | toluene | µg/kg | 8 | 16 | 50 | 0.16 | 2.5 | 0.575 | 0.801 | 0.12 | 0.15 | 0.648 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte02ft | tph as diesel | mg/kg | 15 | 16 | 94 | 5.9 | 860 | 246.9 | 207.7 | 4.8 | 4.8 | 460.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte02ft | tph as gasoline | mg/kg | 5 | 16 | 31 | 0.075 | 0.17 | 0.117 | 0.0342 | 0.05 | 0.066 | 0.122 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 11 | 2800 | 709.6 | 676.9 | -- | -- | 1194 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 24 | 36 | 30.41 | 4.52 | -- | -- | 32.54 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 26.5 | 126 | 49.18 | 24.15 | -- | -- | 59.53 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 28 | 25 | 0.2 | 6700 | 1153 | 2460 | 0.095 | 11 | 720.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 28 | 18 | 18 | 1500 | 348.8 | 644.4 | 0.08 | 9.1 | 175.9 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 13 | 28 | 46 | 0.0017 | 14 | 5.164 | 5.218 | 0.0011 | 0.043 | 3.831 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 28 | 89 | 0.0008 | 21 | 3.898 | 6.761 | 0.0048 | 0.0048 | 8.839 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte05ft | antimony | mg/kg | 9 | 28 | 32 | 0.328 | 1.95 | 0.746 | 0.502 | 0.306 | 0.306 | 0.576 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | arsenic | mg/kg | 28 | 28 | 100 | 3.63 | 13 | 8.502 | 2.495 | -- | -- | 9.305 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte05ft | bap teq | mg/kg | 28 | 31 | 90 | 0.00106 | 0.38 | 0.0594 | 0.0762 | 0.00411 | 0.208 | 0.114 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | benzene | µg/kg | 10 | 28 | 36 | 0.18 | 320 | 38.9 | 99.76 | 0.11 | 12 | 65.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 28 | 68 | 0.0007 | 0.48 | 0.0687 | 0.113 | 0.0052 | 0.26 | 0.0885 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 28 | 61 | 0.0007 | 0.29 | 0.0486 | 0.0706 | 0.0039 | 0.2 | 0.0603 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 28 | 61 | 0.0005 | 0.16 | 0.035 | 0.047 | 0.0028 | 0.14 | 0.0389 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24629 neptune ave | lte05ft | chrysene | mg/kg | 25 | 28 | 89 | 0.0021 | 1.3 | 0.201 | 0.291 | 0.0095 | 0.47 | 0.418 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 5.78 | 10.8 | 8.297 | 1.199 | -- | -- | 8.683 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte05ft | copper | mg/kg | 28 | 28 | 100 | 8.02 | 26.6 | 14.61 | 3.963 | -- | -- | 15.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 28 | 21 | 0.0007 | 0.022 | 0.00887 | 0.00773 | 0.0007 | 0.27 | 0.00823 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte05ft | ethylbenzene | µg/kg | 10 | 28 | 36 | 0.16 | 2700 | 681.1 | 869.5 | 0.13 | 14 | 443.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 28 | 25 | 0.0015 | 0.051 | 0.0142 | 0.0167 | 0.0009 | 0.35 | 0.0113 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | lead | mg/kg | 28 | 28 | 100 | 4.17 | 20 | 8.501 | 4.623 | -- | -- | 10.04 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte05ft | naphthalene | mg/kg | 20 | 28 | 71 | 0.00053 | 8.2 | 1.935 | 2.71 | 0.00027 | 0.00033 | 3.408 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte05ft | pyrene | mg/kg | 25 | 28 | 89 | 0.0013 | 1.1 | 0.15 | 0.244 | 0.0065 | 0.33 | 0.331 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | toluene | µg/kg | 11 | 28 | 39 | 0.16 | 24 | 2.633 | 7.12 | 0.12 | 14 | 5.013 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte05ft | tph as diesel | mg/kg | 27 | 28 | 96 | 5.9 | 15000 | 2317 | 3593 | 4.8 | 4.8 | 5163 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24629 neptune ave | lte05ft | tph as gasoline | mg/kg | 15 | 28 | 54 | 0.059 | 570 | 175.4 | 210.9 | 0.05 | 0.066 | 241.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte05ft | tph as motor oil | mg/kg | 28 | 28 | 100 | 11 | 21000 | 3043 | 4430 | -- | -- | 4877 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 24 | 36 | 30.98 | 3.725 | -- | -- | 32.25 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte05ft | xylenes, total | µg/kg | 5 | 28 | 18 | 0.24 | 3100 | 678.1 | 1356 | 0.16 | 19 | 328 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 26.5 | 126 | 43.38 | 19.29 | -- | -- | 49.96 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 36 | 33 | 0.18 | 14000 | 2548 | 4174 | 0.095 | 11 | 1614 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 36 | 25 | 18 | 2300 | 590.4 | 797 | 0.08 | 9.1 | 295.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 18 | 36 | 50 | 0.0017 | 31 | 10.73 | 10.58 | 0.0011 | 0.086 | 7.984 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 30 | 36 | 83 | 0.0008 | 47 | 9.648 | 14.85 | 0.0048 | 0.048 | 18.24 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte10ft | antimony | mg/kg | 13 | 36 | 36 | 0.328 | 1.95 | 0.775 | 0.482 | 0.306 | 0.306 | 0.593 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 3.63 | 13 | 8.022 | 2.575 | -- | -- | 8.747 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte10ft | bap teq | mg/kg | 36 | 39 | 92 | 0.00106 | 0.914 | 0.134 | 0.229 | 0.00411 | 0.208 | 0.281 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24629 neptune ave | lte10ft | benzene | µg/kg | 16 | 36 | 44 | 0.18 | 2500 | 340 | 673.7 | 0.11 | 12 | 501.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 27 | 36 | 75 | 0.0007 | 0.74 | 0.179 | 0.251 | 0.0052 | 0.26 | 0.306 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24629 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 20 | 36 | 56 | 0.0007 | 0.7 | 0.132 | 0.216 | 0.0039 | 0.39 | 0.205 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24629 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 24 | 36 | 67 | 0.0005 | 0.32 | 0.0703 | 0.0882 | 0.0028 | 0.28 | 0.0755 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte10ft | chrysene | mg/kg | 33 | 36 | 92 | 0.0021 | 2.2 | 0.461 | 0.647 | 0.0095 | 0.47 | 0.887 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24629 neptune ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 5.78 | 10.8 | 8.093 | 1.157 | -- | -- | 8.419 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 8.02 | 26.6 | 13.78 | 4.02 | -- | -- | 14.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 36 | 17 | 0.0007 | 0.022 | 0.00887 | 0.00773 | 0.0007 | 0.54 | 0.00836 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte10ft | ethylbenzene | µg/kg | 17 | 36 | 47 | 0.16 | 6100 | 1471 | 1957 | 0.13 | 14 | 1129 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 36 | 19 | 0.0015 | 0.051 | 0.0142 | 0.0167 | 0.0009 | 0.69 | 0.0107 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 4.17 | 20 | 8.338 | 4.431 | -- | -- | 9.619 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte10ft | naphthalene | mg/kg | 27 | 36 | 75 | 0.00053 | 16 | 3.796 | 5.153 | 0.00027 | 0.027 | 6.311 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte10ft | pyrene | mg/kg | 33 | 36 | 92 | 0.0013 | 9.1 | 0.963 | 2.035 | 0.0065 | 0.33 | 2.314 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24629 neptune ave | lte10ft | toluene | µg/kg | 16 | 36 | 44 | 0.16 | 76 | 8.584 | 19.48 | 0.12 | 14 | 13.89 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte10ft | tph as diesel | mg/kg | 35 | 36 | 97 | 5.9 | 15000 | 3616 | 4433 | 4.8 | 4.8 | 6721 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte10ft | tph as gasoline | mg/kg | 23 | 36 | 64 | 0.059 | 1500 | 327.6 | 408.5 | 0.05 | 0.066 | 473.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24629 neptune ave | lte10ft | tph as motor oil | mg/kg | 36 | 36 | 100 | 11 | 21000 | 4311 | 5082 | -- | -- | 6367 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 23.6 | 36 | 30.46 | 3.628 | -- | -- | 31.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24629 neptune ave | lte10ft | xylenes, total | µg/kg | 12 | 36 | 33 | 0.24 | 8700 | 1404 | 2530 | 0.16 | 19 | 923 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24629 neptune ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 26.5 | 126 | 40.99 | 17.75 | -- | -- | 46.28 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 10 | 80 | 0.0042 | 0.012 | 0.00788 | 0.00275 | 0.0024 | 0.003 | 0.00883 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | antimony | mg/kg | 8 | 10 | 80 | 0.46 | 1.76 | 0.784 | 0.43 | 0.191 | 0.191 | 0.974 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte02ft | arsenic | mg/kg | 10 | 10 | 100 | 2.44 | 10.4 | 4.974 | 2.471 | -- | -- | 6.604 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte02ft | bap teq | mg/kg | 10 | 10 | 100 | 0.00312 | 0.0349 | 0.014 | 0.00987 | -- | -- | 0.0197 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 10 | 90 | 0.0069 | 0.025 | 0.0153 | 0.00692 | 0.0033 | 0.0033 | 0.0185 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 8 | 10 | 80 | 0.0038 | 0.025 | 0.0122 | 0.0066 | 0.002 | 0.0025 | 0.0145 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 10 | 60 | 0.0032 | 0.017 | 0.00778 | 0.00505 | 0.0014 | 0.0018 | 0.00884 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | chrysene | mg/kg | 9 | 10 | 90 | 0.019 | 0.064 | 0.0392 | 0.0163 | 0.0059 | 0.0059 | 0.0469 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | cobalt | mg/kg | 10 | 10 | 100 | 3.65 | 11.8 | 7.383 | 2.176 | -- | -- | 8.644 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | copper | mg/kg | 10 | 10 | 100 | 6.46 | 20.6 | 11.58 | 5.201 | -- | -- | 15.41 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24632 neptune ave | lte02ft | lead | mg/kg | 10 | 10 | 100 | 5.07 | 30.1 | 9.519 | 7.579 | -- | -- | 19.97 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte02ft | pyrene | mg/kg | 9 | 10 | 90 | 0.0083 | 0.033 | 0.0175 | 0.00927 | 0.0041 | 0.0041 | 0.022 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | tph as diesel | mg/kg | 10 | 10 | 100 | 14 | 260 | 106.4 | 81.99 | -- | -- | 153.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 53 | 700 | 338.8 | 238.2 | -- | -- | 476.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | vanadium | mg/kg | 10 | 10 | 100 | 16.7 | 42.1 | 26.51 | 7.31 | -- | -- | 30.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte02ft | zinc | mg/kg | 10 | 10 | 100 | 25.5 | 79.4 | 38.05 | 16.19 | -- | -- | 47.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24632 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 16 | 38 | 0.0031 | 13 | 3.23 | 5.069 | 0.0043 | 0.0054 | 2.767 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 16 | 81 | 0.0042 | 16 | 1.839 | 4.544 | 0.0024 | 0.003 | 6.031 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte05ft | antimony | mg/kg | 12 | 16 | 75 | 0.394 | 1.76 | 0.788 | 0.41 | 0.191 | 0.306 | 0.865 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte05ft | arsenic | mg/kg | 16 | 16 | 100 | 2.44 | 11.2 | 5.559 | 2.589 | -- | -- | 6.817 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte05ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00312 | 0.472 | 0.063 | 0.117 | -- | -- | 0.191 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24632 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 16 | 94 | 0.0069 | 0.47 | 0.0706 | 0.125 | 0.0033 | 0.0033 | 0.199 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24632 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 13 | 16 | 81 | 0.0038 | 0.32 | 0.0548 | 0.0867 | 0.002 | 0.0049 | 0.133 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 10 | 16 | 63 | 0.0032 | 0.042 | 0.0159 | 0.0136 | 0.0014 | 0.14 | 0.0174 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte05ft | chrysene | mg/kg | 15 | 16 | 94 | 0.019 | 1.2 | 0.212 | 0.325 | 0.0059 | 0.0059 | 0.547 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24632 neptune ave | lte05ft | cobalt | mg/kg | 16 | 16 | 100 | 3.65 | 11.8 | 7.431 | 1.796 | -- | -- | 8.218 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte05ft | copper | mg/kg | 16 | 16 | 100 | 6.46 | 20.6 | 11.12 | 4.342 | -- | -- | 13.08 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 16 | 31 | 0.006 | 0.015 | 0.0107 | 0.00384 | 0.0035 | 0.35 | 0.0126 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte05ft | lead | mg/kg | 16 | 16 | 100 | 5.06 | 30.1 | 9.608 | 7.475 | -- | -- | 17.75 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte05ft | naphthalene | mg/kg | 6 | 16 | 38 | 0.0031 | 3.8 | 0.891 | 1.484 | 0.00026 | 0.0037 | 0.785 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte05ft | pyrene | mg/kg | 15 | 16 | 94 | 0.0083 | 2.1 | 0.38 | 0.61 | 0.0041 | 0.0041 | 1.008 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte05ft | tph as diesel | mg/kg | 16 | 16 | 100 | 14 | 5700 | 1008 | 1664 | -- | -- | 2417 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte05ft | tph as gasoline | mg/kg | 8 | 16 | 50 | 0.068 | 110 | 19.66 | 39.26 | 0.048 | 0.057 | 22.87 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte05ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 53 | 6200 | 1318 | 1732 | -- | -- | 2407 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte05ft | vanadium | mg/kg | 16 | 16 | 100 | 16.7 | 42.1 | 27.31 | 5.969 | -- | -- | 29.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte05ft | zinc | mg/kg | 16 | 16 | 100 | 25.5 | 79.4 | 37.01 | 13.41 | -- | -- | 43.22 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 20 | 25 | 0.18 | 6600 | 2098 | 2626 | 0.092 | 10 | 1900 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 20 | 50 | 0.0031 | 67 | 16.54 | 23.44 | 0.0043 | 0.0054 | 15.51 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 17 | 20 | 85 | 0.0042 | 98 | 14.11 | 28.24 | 0.0024 | 0.003 | 37.87 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte10ft | antimony | mg/kg | 15 | 20 | 75 | 0.394 | 1.97 | 0.898 | 0.485 | 0.191 | 0.306 | 0.958 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte10ft | arsenic | mg/kg | 20 | 20 | 100 | 2.44 | 11.2 | 5.376 | 2.338 | -- | -- | 6.319 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte10ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00312 | 2.497 | 0.254 | 0.591 | -- | -- | 0.83 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24632 neptune ave | lte10ft | benzene | µg/kg | 7 | 20 | 35 | 0.2 | 420 | 104.3 | 164.6 | 0.11 | 12 | 79.61 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 18 | 20 | 90 | 0.0069 | 2 | 0.255 | 0.548 | 0.0033 | 0.26 | 0.744 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 15 | 20 | 75 | 0.0038 | 1.8 | 0.186 | 0.457 | 0.002 | 0.99 | 0.537 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24632 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 20 | 50 | 0.0032 | 0.042 | 0.0159 | 0.0136 | 0.0014 | 0.7 | 0.0169 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte10ft | chrysene | mg/kg | 19 | 20 | 95 | 0.019 | 4.1 | 0.639 | 1.167 | 0.0059 | 0.0059 | 1.725 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24632 neptune ave | lte10ft | cobalt | mg/kg | 20 | 20 | 100 | 3.65 | 11.8 | 7.366 | 1.628 | -- | -- | 8.051 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24632 neptune ave | lte10ft | copper | mg/kg | 20 | 20 | 100 | 6.46 | 20.6 | 10.59 | 4.029 | -- | -- | 12.2 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte10ft | ethylbenzene | µg/kg | 6 | 20 | 30 | 4.7 | 2700 | 1250 | 1161 | 0.12 | 14 | 1043 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 20 | 25 | 0.006 | 0.015 | 0.0107 | 0.00384 | 0.0035 | 1.7 | 0.0126 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte10ft | lead | mg/kg | 20 | 20 | 100 | 5.06 | 30.1 | 8.921 | 6.811 | -- | -- | 15.56 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte10ft | naphthalene | mg/kg | 10 | 20 | 50 | 0.0031 | 37 | 8.225 | 12.52 | 0.00026 | 0.0037 | 7.925 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte10ft | pyrene | mg/kg | 19 | 20 | 95 | 0.0083 | 11 | 1.346 | 2.864 | 0.0041 | 0.0041 | 4.015 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24632 neptune ave | lte10ft | toluene | µg/kg | 6 | 20 | 30 | 0.2 | 44 | 14.66 | 17.86 | 0.12 | 13 | 10.68 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte10ft | tph as diesel | mg/kg | 20 | 20 | 100 | 14 | 14000 | 2627 | 4161 | -- | -- | 5797 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte10ft | tph as gasoline | mg/kg | 12 | 20 | 60 | 0.068 | 520 | 148.1 | 204 | 0.048 | 0.057 | 157.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte10ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 53 | 14000 | 2839 | 4068 | -- | -- | 5133 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24632 neptune ave | lte10ft | vanadium | mg/kg | 20 | 20 | 100 | 16.7 | 42.1 | 27.6 | 5.419 | -- | -- | 29.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte10ft | xylenes, total | µg/kg | 6 | 20 | 30 | 0.6 | 2400 | 716.1 | 892.9 | 0.16 | 18 | 575 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24632 neptune ave | lte10ft | zinc | mg/kg | 20 | 20 | 100 | 25.5 | 119 | 40.69 | 22.06 | -- | -- | 49.74 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 4.87 | 15.8 | 8.972 | 3.543 | -- | -- | 11.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | bap teq | mg/kg | 8 | 10 | 80 | 0.0005118 | 0.00263 | 0.00116 | 0.00063078 | 0.0004723 | 0.0004723 | 0.00145 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | benzene | µg/kg | 8 | 10 | 80 | 0.12 | 1 | 0.303 | 0.29 | 0.11 | 0.11 | 0.44 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 10 | 70 | 0.00056 | 0.002 | 0.0009114 | 0.00049012 | 0.00051 | 0.00051 | 0.00111 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 10 | 60 | 0.00052 | 0.0012 | 0.000685 | 0.00025828 | 0.00051 | 0.00051 | 0.0007458 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | chrysene | mg/kg | 5 | 10 | 50 | 0.0008 | 0.0017 | 0.00111 | 0.00036039 | 0.00058 | 0.00058 | 0.00118 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 7.81 | 15.9 | 11.39 | 2.683 | -- | -- | 12.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 14.5 | 31 | 22.8 | 5.932 | -- | -- | 26.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 10 | 60 | 0.00062 | 0.0016 | 0.0008833 | 0.00037039 | 0.00053 | 0.00053 | 0.0009634 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.08 | 11.8 | 7.287 | 2.508 | -- | -- | 8.741 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.0016 | 0.016 | 0.00611 | 0.00506 | -- | -- | 0.0102 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.0009 | 0.0035 | 0.00169 | 0.00074603 | -- | -- | 0.00217 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24633 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 7 | 10 | 70 | 7.9 | 55 | 16.91 | 16.9 | 7 | 7 | 24.44 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 26.3 | 44.6 | 35.55 | 6.026 | -- | -- | 39.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24633 marbella ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 38.9 | 84 | 60.67 | 12.1 | -- | -- | 67.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 5 | 20 | 25 | 0.0011 | 0.45 | 0.0956 | 0.198 | 0.0009 | 0.009 | 0.067 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24633 marbella ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 3.1 | 15.9 | 6.323 | 2.685 | -- | -- | 7.345 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24633 marbella ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.0008208 | 1.551 | 0.0889 | 0.344 | -- | -- | 0.424 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte02ft | benzene | µg/kg | 12 | 20 | 60 | 0.18 | 0.88 | 0.398 | 0.253 | 0.1 | 14 | 0.417 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 20 | 50 | 0.0012 | 0.93 | 0.103 | 0.291 | 0.00078 | 0.0078 | 0.259 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24633 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 20 | 20 | 100 | 0.00057 | 1.2 | 0.0687 | 0.266 | -- | -- | 0.328 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 20 | 60 | 0.00054 | 0.39 | 0.038 | 0.111 | 0.00051 | 0.0051 | 0.109 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24633 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 20 | 45 | 0.00073 | 0.26 | 0.0346 | 0.0846 | 0.0007 | 0.007 | 0.0742 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24633 marbella ave | lte02ft | cadmium | mg/kg | 6 | 20 | 30 | 0.202 | 0.583 | 0.34 | 0.153 | 0.135 | 0.135 | 0.309 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte02ft | chrysene | mg/kg | 19 | 20 | 95 | 0.00079 | 2.3 | 0.135 | 0.525 | 0.00058 | 0.00058 | 0.627 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 7.87 | 16 | 11.22 | 1.994 | -- | -- | 11.99 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 9.46 | 37.5 | 22.19 | 7.907 | -- | -- | 25.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 20 | 70 | 0.00072 | 0.71 | 0.0577 | 0.188 | 0.00053 | 0.0053 | 0.196 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 5.94 | 390 | 33.29 | 84.82 | -- | -- | 116 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte02ft | naphthalene | mg/kg | 13 | 20 | 65 | 0.0026 | 1.4 | 0.156 | 0.389 | 0.00065 | 0.00091 | 0.417 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24633 marbella ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0012 | 5.9 | 0.306 | 1.317 | -- | -- | 1.59 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte02ft | tph as diesel | mg/kg | 15 | 20 | 75 | 26 | 13000 | 975.7 | 3329 | 4.8 | 4.8 | 3579 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte02ft | tph as gasoline | mg/kg | 6 | 20 | 30 | 0.051 | 0.19 | 0.0967 | 0.0533 | 0.041 | 0.057 | 0.0921 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte02ft | tph as motor oil | mg/kg | 17 | 20 | 85 | 9.5 | 48000 | 3211 | 11548 | 7 | 7 | 13171 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 20.4 | 48.4 | 37.18 | 6.957 | -- | -- | 39.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 26.8 | 122 | 63.75 | 24.06 | -- | -- | 73.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 6 | 30 | 20 | 0.0011 | 0.45 | 0.08 | 0.181 | 0.0009 | 0.009 | 0.0442 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24633 marbella ave | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 3.1 | 27.7 | 7.122 | 4.583 | -- | -- | 8.633 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | bap teq | mg/kg | 28 | 30 | 93 | 0.0007668 | 1.551 | 0.0644 | 0.291 | 0.0004723 | 0.0004723 | 0.285 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | benzene | µg/kg | 20 | 30 | 67 | 0.16 | 0.88 | 0.373 | 0.231 | 0.1 | 14 | 0.391 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 30 | 43 | 0.0012 | 0.93 | 0.0801 | 0.255 | 0.00078 | 0.0078 | 0.173 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 28 | 30 | 93 | 0.00052 | 1.2 | 0.0498 | 0.226 | 0.00051 | 0.00051 | 0.22 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 30 | 57 | 0.00053 | 0.39 | 0.0274 | 0.0935 | 0.00051 | 0.0051 | 0.0729 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 30 | 33 | 0.00073 | 0.26 | 0.0315 | 0.0804 | 0.0007 | 0.007 | 0.05 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24633 marbella ave | lte05ft | cadmium | mg/kg | 7 | 30 | 23 | 0.163 | 0.583 | 0.315 | 0.155 | 0.135 | 0.135 | 0.269 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte05ft | chrysene | mg/kg | 24 | 30 | 80 | 0.00068 | 2.3 | 0.107 | 0.467 | 0.00058 | 0.00058 | 0.42 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 6.16 | 24.6 | 11.31 | 3.681 | -- | -- | 12.47 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24633 marbella ave | lte05ft | copper | mg/kg | 30 | 30 | 100 | 5.99 | 37.5 | 20.31 | 8.918 | -- | -- | 23.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 30 | 70 | 0.00056 | 0.71 | 0.0394 | 0.154 | 0.00053 | 0.0053 | 0.131 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | lead | mg/kg | 30 | 30 | 100 | 2.3 | 390 | 24.56 | 69.87 | -- | -- | 80.16 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | naphthalene | mg/kg | 22 | 30 | 73 | 0.0024 | 1.4 | 0.0985 | 0.303 | 0.00065 | 0.00091 | 0.282 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | pyrene | mg/kg | 30 | 30 | 100 | 0.00095 | 5.9 | 0.205 | 1.076 | -- | -- | 1.061 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | tph as diesel | mg/kg | 17 | 30 | 57 | 7.2 | 13000 | 871.3 | 3128 | 4.8 | 4.8 | 2403 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | tph as gasoline | mg/kg | 7 | 30 | 23 | 0.046 | 0.19 | 0.0894 | 0.0523 | 0.039 | 0.057 | 0.0709 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte05ft | tph as motor oil | mg/kg | 21 | 30 | 70 | 9.5 | 48000 | 2625 | 10403 | 7 | 7 | 8836 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 20.4 | 82.2 | 37.37 | 11.6 | -- | -- | 40.93 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24633 marbella ave | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 26.8 | 122 | 58.63 | 23.29 | -- | -- | 65.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 6 | 40 | 15 | 0.0011 | 0.45 | 0.08 | 0.181 | 0.0009 | 0.009 | 0.0334 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24633 marbella ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 3.1 | 27.7 | 7.584 | 4.379 | -- | -- | 8.804 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24633 marbella ave | lte10ft | bap teq | mg/kg | 36 | 40 | 90 | 0.0005118 | 1.551 | 0.0504 | 0.257 | 0.0004723 | 0.0004723 | 0.214 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | benzene | µg/kg | 28 | 40 | 70 | 0.12 | 1 | 0.353 | 0.246 | 0.1 | 14 | 0.364 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 14 | 40 | 35 | 0.0012 | 0.93 | 0.0744 | 0.246 | 0.00078 | 0.0078 | 0.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 35 | 40 | 88 | 0.00052 | 1.2 | 0.04 | 0.202 | 0.00051 | 0.00051 | 0.166 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 40 | 58 | 0.00052 | 0.39 | 0.0204 | 0.0807 | 0.00051 | 0.0051 | 0.0547 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 40 | 30 | 0.00073 | 0.26 | 0.0264 | 0.0737 | 0.0007 | 0.007 | 0.0376 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24633 marbella ave | lte10ft | cadmium | mg/kg | 7 | 40 | 18 | 0.163 | 0.583 | 0.315 | 0.155 | 0.135 | 0.135 | 0.264 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte10ft | chrysene | mg/kg | 29 | 40 | 73 | 0.00068 | 2.3 | 0.0889 | 0.425 | 0.00058 | 0.00058 | 0.316 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 6.16 | 24.6 | 11.33 | 3.426 | -- | -- | 12.25 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24633 marbella ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 5.99 | 37.5 | 20.93 | 8.274 | -- | -- | 23.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24633 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 27 | 40 | 68 | 0.00056 | 0.71 | 0.0308 | 0.136 | 0.00053 | 0.0053 | 0.0986 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 2.3 | 390 | 20.24 | 60.73 | -- | -- | 62.1 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | naphthalene | mg/kg | 32 | 40 | 80 | 0.0016 | 1.4 | 0.0696 | 0.253 | 0.00065 | 0.00091 | 0.213 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | pyrene | mg/kg | 40 | 40 | 100 | 0.0009 | 5.9 | 0.154 | 0.932 | -- | -- | 0.797 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24633 marbella ave | lte10ft | tph as diesel | mg/kg | 18 | 40 | 45 | 5.1 | 13000 | 823.2 | 3041 | 4.8 | 4.8 | 1809 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | tph as gasoline | mg/kg | 9 | 40 | 23 | 0.046 | 0.19 | 0.0832 | 0.0471 | 0.039 | 0.057 | 0.0618 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24633 marbella ave | lte10ft | tph as motor oil | mg/kg | 28 | 40 | 70 | 7.9 | 48000 | 1973 | 9027 | 7 | 7 | 6627 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24633 marbella ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 20.4 | 82.2 | 36.92 | 10.44 | -- | -- | 39.62 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24633 marbella ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 26.8 | 122 | 59.14 | 20.92 | -- | -- | 64.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 25 | 28 | 0.0098 | 13 | 4.458 | 5.641 | 0.0011 | 0.021 | 2.515 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 21 | 25 | 84 | 0.0029 | 18 | 2.044 | 5.136 | 0.0006 | 0.0048 | 5.875 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte02ft | antimony | mg/kg | 9 | 25 | 36 | 0.313 | 1.52 | 0.838 | 0.485 | 0.306 | 0.306 | 0.637 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 marbella ave | lte02ft | arsenic | mg/kg | 25 | 25 | 100 | 3.42 | 11.2 | 7.201 | 1.724 | -- | -- | 7.791 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte02ft | bap teq | mg/kg | 25 | 25 | 100 | 0.00191 | 0.124 | 0.0318 | 0.0352 | -- | -- | 0.0455 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 marbella ave | lte02ft | benzene | µg/kg | 19 | 25 | 76 | 0.13 | 0.64 | 0.289 | 0.137 | 0.11 | 12 | 0.315 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 24 | 25 | 96 | 0.0015 | 0.24 | 0.0395 | 0.066 | 0.0052 | 0.0052 | 0.0948 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 23 | 25 | 92 | 0.0014 | 0.073 | 0.0176 | 0.0166 | 0.099 | 0.099 | 0.0326 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 17 | 25 | 68 | 0.0012 | 0.078 | 0.0139 | 0.0191 | 0.0018 | 0.07 | 0.0254 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte02ft | chrysene | mg/kg | 25 | 25 | 100 | 0.0024 | 0.53 | 0.0822 | 0.136 | -- | -- | 0.167 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte02ft | cobalt | mg/kg | 25 | 25 | 100 | 6.59 | 12.6 | 9.55 | 1.66 | -- | -- | 10.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte02ft | copper | mg/kg | 25 | 25 | 100 | 11.3 | 36.8 | 19.14 | 5.905 | -- | -- | 21.18 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 25 | 28 | 0.0022 | 0.011 | 0.00654 | 0.00351 | 0.0007 | 0.13 | 0.00579 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte02ft | ethylbenzene | µg/kg | 5 | 25 | 20 | 4.5 | 5100 | 1161 | 2214 | 0.12 | 0.21 | 618.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 25 | 36 | 0.0036 | 0.024 | 0.0101 | 0.00682 | 0.0009 | 0.17 | 0.00887 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte02ft | lead | mg/kg | 25 | 25 | 100 | 5.45 | 49.4 | 12.26 | 10.79 | -- | -- | 21.66 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte02ft | naphthalene | mg/kg | 13 | 25 | 52 | 0.00041 | 13 | 1.891 | 4.196 | 0.00026 | 0.00045 | 3.757 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte02ft | pyrene | mg/kg | 24 | 25 | 96 | 0.003 | 0.44 | 0.067 | 0.12 | 0.0065 | 0.0065 | 0.168 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte02ft | toluene | µg/kg | 14 | 25 | 56 | 0.14 | 0.9 | 0.32 | 0.195 | 0.12 | 14 | 0.313 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 marbella ave | lte02ft | tph as diesel | mg/kg | 25 | 25 | 100 | 9 | 12000 | 1179 | 3026 | -- | -- | 3816 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte02ft | tph as gasoline | mg/kg | 16 | 25 | 64 | 0.051 | 1100 | 138 | 355.7 | 0.049 | 0.062 | 343.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte02ft | tph as motor oil | mg/kg | 25 | 25 | 100 | 60 | 14000 | 1517 | 3421 | -- | -- | 4499 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte02ft | vanadium | mg/kg | 25 | 25 | 100 | 22.1 | 45.7 | 34.12 | 5.057 | -- | -- | 35.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte02ft | zinc | mg/kg | 25 | 25 | 100 | 32.8 | 176 | 53.55 | 29.14 | -- | -- | 64.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 40 | 38 | 0.23 | 300 | 29.37 | 81.93 | 0.091 | 11 | 47.18 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 40 | 18 | 0.097 | 17 | 2.587 | 6.356 | 0.077 | 9 | 2.497 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | 1,4-dichlorobenzene | µg/kg | 5 | 40 | 13 | 0.36 | 3.9 | 1.544 | 1.508 | 0.12 | 14 | 1.079 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 16 | 39 | 41 | 0.0028 | 20 | 4.152 | 5.804 | 0.0011 | 0.021 | 2.859 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 32 | 39 | 82 | 0.0029 | 26 | 2.522 | 6.044 | 0.0006 | 0.012 | 5.952 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | antimony | mg/kg | 14 | 39 | 36 | 0.313 | 1.52 | 0.714 | 0.427 | 0.306 | 0.306 | 0.575 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte05ft | arsenic | mg/kg | 39 | 39 | 100 | 1.86 | 11.2 | 6.379 | 1.903 | -- | -- | 6.893 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte05ft | bap teq | mg/kg | 39 | 39 | 100 | 0.00191 | 0.899 | 0.0787 | 0.152 | -- | -- | 0.161 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte05ft | benzene | µg/kg | 29 | 40 | 73 | 0.12 | 0.64 | 0.278 | 0.137 | 0.11 | 12 | 0.286 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 37 | 39 | 95 | 0.0014 | 1.6 | 0.109 | 0.271 | 0.0052 | 0.26 | 0.289 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 36 | 39 | 92 | 0.0014 | 0.65 | 0.0544 | 0.114 | 0.099 | 0.2 | 0.129 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 29 | 39 | 74 | 0.0008 | 0.29 | 0.0295 | 0.0547 | 0.0004 | 0.14 | 0.0575 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 11 | 39 | 28 | 0.0034 | 0.11 | 0.025 | 0.0315 | 0.0011 | 0.45 | 0.016 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte05ft | chrysene | mg/kg | 39 | 39 | 100 | 0.0021 | 3.1 | 0.232 | 0.514 | -- | -- | 0.364 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 marbella ave | lte05ft | cobalt | mg/kg | 39 | 39 | 100 | 2.78 | 12.6 | 8.753 | 2.101 | -- | -- | 9.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte05ft | copper | mg/kg | 39 | 39 | 100 | 2.79 | 36.8 | 16.06 | 6.703 | -- | -- | 17.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 39 | 31 | 0.0008 | 0.048 | 0.00905 | 0.0127 | 0.0007 | 0.27 | 0.00661 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte05ft | ethylbenzene | µg/kg | 15 | 40 | 38 | 0.16 | 5100 | 418.2 | 1304 | 0.12 | 0.21 | 376.8 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 39 | 49 | 0.0036 | 0.038 | 0.013 | 0.00957 | 0.0009 | 0.35 | 0.0114 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte05ft | lead | mg/kg | 39 | 39 | 100 | 1.27 | 49.4 | 10.11 | 9.277 | -- | -- | 16.59 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | naphthalene | mg/kg | 23 | 40 | 58 | 0.00041 | 13 | 1.616 | 3.622 | 0.00026 | 0.00045 | 2.904 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | pyrene | mg/kg | 38 | 39 | 97 | 0.003 | 6.8 | 0.462 | 1.172 | 0.0065 | 0.0065 | 1.259 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte05ft | toluene | µg/kg | 22 | 40 | 55 | 0.14 | 0.9 | 0.289 | 0.164 | 0.12 | 14 | 0.277 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte05ft | tph as diesel | mg/kg | 39 | 39 | 100 | 9 | 18000 | 2062 | 4082 | -- | -- | 4911 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | tph as gasoline | mg/kg | 29 | 40 | 73 | 0.051 | 1100 | 139.6 | 328.8 | 0.048 | 0.062 | 299 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | tph as motor oil | mg/kg | 39 | 39 | 100 | 49 | 16000 | 2459 | 4422 | -- | -- | 5546 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | vanadium | mg/kg | 39 | 39 | 100 | 10.8 | 45.7 | 31.46 | 7.049 | -- | -- | 33.36 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | xylenes, total | µg/kg | 12 | 40 | 30 | 0.2 | 690 | 64.52 | 197.9 | 0.16 | 18 | 97.18 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte05ft | zinc | mg/kg | 39 | 39 | 100 | 13.8 | 176 | 45.35 | 26.05 | -- | -- | 52.79 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 20 | 47 | 43 | 0.23 | 12000 | 625.1 | 2678 | 0.091 | 20 | 1395 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24700 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 47 | 23 | 0.097 | 1500 | 139 | 451.4 | 0.077 | 17 | 176.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | 1,4-dichlorobenzene | µg/kg | 6 | 47 | 13 | 0.29 | 3.9 | 1.335 | 1.442 | 0.12 | 65 | 0.639 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 22 | 46 | 48 | 0.0028 | 75 | 8.845 | 16.55 | 0.0011 | 0.021 | 7.279 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 39 | 46 | 85 | 0.0007 | 110 | 7.019 | 19.26 | 0.0006 | 0.012 | 17.46 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | antimony | mg/kg | 17 | 46 | 37 | 0.313 | 1.52 | 0.707 | 0.397 | 0.306 | 0.306 | 0.565 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte10ft | arsenic | mg/kg | 46 | 46 | 100 | 1.86 | 16.2 | 6.607 | 2.283 | -- | -- | 7.185 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 marbella ave | lte10ft | bap teq | mg/kg | 45 | 46 | 98 | 0.000964 | 1.099 | 0.0986 | 0.208 | 0.00053 | 0.00053 | 0.229 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte10ft | benzene | µg/kg | 31 | 47 | 66 | 0.12 | 180 | 6.093 | 32.28 | 0.11 | 23 | 20.84 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 41 | 46 | 89 | 0.0014 | 1.6 | 0.134 | 0.328 | 0.0007 | 0.26 | 0.322 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 38 | 46 | 83 | 0.0014 | 0.74 | 0.0712 | 0.157 | 0.0005 | 0.2 | 0.155 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 30 | 46 | 65 | 0.0008 | 0.29 | 0.0287 | 0.054 | 0.0004 | 0.28 | 0.0502 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 46 | 24 | 0.0034 | 0.11 | 0.025 | 0.0315 | 0.0011 | 0.9 | 0.0148 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte10ft | chrysene | mg/kg | 45 | 46 | 98 | 0.0021 | 3.4 | 0.304 | 0.676 | 0.0012 | 0.0012 | 0.729 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 marbella ave | lte10ft | cobalt | mg/kg | 46 | 46 | 100 | 2.78 | 12.6 | 8.636 | 2.05 | -- | -- | 9.143 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 marbella ave | lte10ft | copper | mg/kg | 46 | 46 | 100 | 2.79 | 36.8 | 15.6 | 6.386 | -- | -- | 17.21 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 13 | 46 | 28 | 0.0008 | 0.048 | 0.00843 | 0.0123 | 0.0007 | 0.54 | 0.00606 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte10ft | ethylbenzene | µg/kg | 21 | 47 | 45 | 0.16 | 9000 | 736.5 | 2191 | 0.12 | 0.21 | 1291 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 46 | 43 | 0.0009 | 0.038 | 0.0124 | 0.0097 | 0.0009 | 0.69 | 0.00992 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 marbella ave | lte10ft | lead | mg/kg | 46 | 46 | 100 | 1.27 | 49.4 | 9.349 | 8.754 | -- | -- | 14.97 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | naphthalene | mg/kg | 30 | 47 | 64 | 0.00041 | 42 | 3.961 | 8.704 | 0.00026 | 0.00045 | 7.118 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | pyrene | mg/kg | 45 | 46 | 98 | 0.0018 | 6.8 | 0.497 | 1.206 | 0.0065 | 0.0065 | 1.255 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte10ft | toluene | µg/kg | 24 | 47 | 51 | 0.14 | 20 | 1.113 | 4.026 | 0.12 | 63 | 1.526 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | tph as diesel | mg/kg | 45 | 46 | 98 | 9 | 19000 | 2852 | 5006 | 4.8 | 4.8 | 5984 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | tph as gasoline | mg/kg | 36 | 47 | 77 | 0.051 | 1400 | 224.7 | 425 | 0.048 | 0.062 | 416.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | tph as motor oil | mg/kg | 46 | 46 | 100 | 7.2 | 17000 | 3069 | 4992 | -- | -- | 6277 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 marbella ave | lte10ft | vanadium | mg/kg | 46 | 46 | 100 | 10.8 | 45.7 | 31.09 | 6.738 | -- | -- | 32.76 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | xylenes, total | µg/kg | 18 | 47 | 38 | 0.2 | 8000 | 503.4 | 1878 | 0.16 | 18 | 949 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 marbella ave | lte10ft | zinc | mg/kg | 46 | 46 | 100 | 13.8 | 176 | 44.45 | 24.26 | -- | -- | 50.8 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 4.77 | 11.7 | 7.223 | 1.625 | -- | -- | 8.057 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | gt05lte10ft | chromium, hexavalent | mg/kg | 6 | 13 | 46 | 0.13 | 0.34 | 0.247 | 0.0753 | 0.22 | 0.22 | 0.26 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 5.49 | 13.5 | 7.364 | 2.171 | -- | -- | 8.498 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 6.05 | 9.36 | 7.602 | 0.874 | -- | -- | 8.033 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 3.88 | 5.31 | 4.465 | 0.403 | -- | -- | 4.664 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | gt05lte10ft | pyrene | mg/kg | 5 | 13 | 38 | 0.0009 | 0.014 | 0.00426 | 0.00562 | 0.0008 | 0.0008 | 0.00414 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 25.7 | 40.3 | 31.32 | 3.988 | -- | -- | 33.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 27.6 | 46.5 | 32.95 | 4.919 | -- | -- | 35.4 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 26 | 23 | 0.14 | 0.82 | 0.397 | 0.243 | 0.092 | 0.12 | 0.35 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 26 | 31 | 0.0015 | 0.15 | 0.0261 | 0.052 | 0.0006 | 0.24 | 0.0372 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte02ft | arsenic | mg/kg | 26 | 26 | 100 | 2.18 | 10 | 3.965 | 1.882 | -- | -- | 4.586 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 ravenna ave | lte02ft | bap teq | mg/kg | 23 | 26 | 88 | 0.00057 | 0.444 | 0.0506 | 0.116 | 0.00053 | 0.0103 | 0.139 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | benzene | µg/kg | 18 | 26 | 69 | 0.12 | 1.2 | 0.357 | 0.307 | 0.11 | 0.12 | 0.396 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 26 | 50 | 0.002 | 0.35 | 0.0471 | 0.0954 | 0.0007 | 0.26 | 0.0862 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 19 | 26 | 73 | 0.0012 | 0.35 | 0.0488 | 0.103 | 0.0005 | 0.0099 | 0.114 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 26 | 69 | 0.0005 | 0.23 | 0.0232 | 0.0557 | 0.0004 | 0.0077 | 0.0571 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | chromium, hexavalent | mg/kg | 6 | 26 | 23 | 0.26 | 0.56 | 0.358 | 0.114 | 0.22 | 0.22 | 0.348 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | chrysene | mg/kg | 21 | 26 | 81 | 0.0016 | 0.59 | 0.0629 | 0.135 | 0.0012 | 0.45 | 0.159 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | cobalt | mg/kg | 26 | 26 | 100 | 5.78 | 7.98 | 6.462 | 0.494 | -- | -- | 6.627 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | copper | mg/kg | 26 | 26 | 100 | 6.61 | 14.6 | 9.342 | 2.295 | -- | -- | 10.13 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 26 | 35 | 0.001 | 0.19 | 0.0232 | 0.0626 | 0.0009 | 0.35 | 0.0434 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte02ft | lead | mg/kg | 26 | 26 | 100 | 3.36 | 77 | 11.57 | 18.52 | -- | -- | 27.4 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte02ft | naphthalene | mg/kg | 5 | 26 | 19 | 0.00042 | 0.059 | 0.0149 | 0.025 | 0.00026 | 0.00035 | 0.00746 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | lte02ft | pyrene | mg/kg | 19 | 26 | 73 | 0.0009 | 0.26 | 0.0371 | 0.0643 | 0.0008 | 0.33 | 0.0794 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | toluene | µg/kg | 17 | 26 | 65 | 0.13 | 0.95 | 0.312 | 0.247 | 0.12 | 0.13 | 0.327 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte02ft | tph as diesel | mg/kg | 16 | 26 | 62 | 9.9 | 4400 | 473.4 | 1115 | 4.8 | 4.8 | 1069 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | tph as gasoline | mg/kg | 14 | 26 | 54 | 0.053 | 0.19 | 0.109 | 0.0483 | 0.047 | 0.054 | 0.099 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | tph as motor oil | mg/kg | 17 | 26 | 65 | 17 | 9500 | 929.6 | 2318 | 7 | 7 | 2261 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | vanadium | mg/kg | 26 | 26 | 100 | 18.5 | 30.7 | 22.6 | 3.147 | -- | -- | 23.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | lte02ft | zinc | mg/kg | 26 | 26 | 100 | 22 | 58 | 31.48 | 8.754 | -- | -- | 34.5 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 43 | 28 | 0.11 | 350 | 30.2 | 100.7 | 0.088 | 0.12 | 45.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24700 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 43 | 33 | 0.0015 | 1.7 | 0.151 | 0.448 | 0.0006 | 0.24 | 0.119 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 ravenna ave | lte05ft | antimony | mg/kg | 6 | 43 | 14 | 0.315 | 0.664 | 0.471 | 0.13 | 0.306 | 0.306 | 0.429 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | lte05ft | arsenic | mg/kg | 43 | 43 | 100 | 2.18 | 10.5 | 4.461 | 2.117 | -- | -- | 5.016 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte05ft | bap teq | mg/kg | 36 | 43 | 84 | 0.00057 | 0.444 | 0.0413 | 0.0938 | 0.00053 | 0.0103 | 0.0927 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte05ft | benzene | µg/kg | 26 | 43 | 60 | 0.12 | 1.2 | 0.335 | 0.277 | 0.1 | 11 | 0.32 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 43 | 42 | 0.002 | 0.35 | 0.0453 | 0.0807 | 0.0007 | 0.26 | 0.035 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 30 | 43 | 70 | 0.0007 | 0.35 | 0.039 | 0.0832 | 0.0005 | 0.0099 | 0.0752 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 29 | 43 | 67 | 0.0005 | 0.23 | 0.0203 | 0.0442 | 0.0004 | 0.0077 | 0.0389 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 15 | 43 | 35 | 0.22 | 0.56 | 0.329 | 0.0938 | 0.22 | 0.22 | 0.287 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | lte05ft | chrysene | mg/kg | 31 | 43 | 72 | 0.0012 | 0.59 | 0.0742 | 0.118 | 0.0012 | 0.45 | 0.126 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte05ft | cobalt | mg/kg | 43 | 43 | 100 | 5.43 | 9.07 | 6.778 | 0.814 | -- | -- | 6.989 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte05ft | copper | mg/kg | 43 | 43 | 100 | 5.11 | 16.5 | 9.483 | 2.722 | -- | -- | 10.19 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 ravenna ave | lte05ft | ethylbenzene | µg/kg | 7 | 43 | 16 | 0.15 | 180 | 26.7 | 67.63 | 0.12 | 0.17 | 23.93 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 43 | 26 | 0.001 | 0.19 | 0.0208 | 0.0564 | 0.0009 | 0.35 | 0.0267 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte05ft | lead | mg/kg | 43 | 43 | 100 | 2.98 | 77 | 9.666 | 14.65 | -- | -- | 19.4 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte05ft | naphthalene | mg/kg | 7 | 43 | 16 | 0.00042 | 0.56 | 0.154 | 0.24 | 0.00024 | 0.00035 | 0.0547 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | lte05ft | pyrene | mg/kg | 32 | 43 | 74 | 0.0009 | 0.32 | 0.0593 | 0.0874 | 0.0008 | 0.33 | 0.0996 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte05ft | toluene | µg/kg | 26 | 43 | 60 | 0.13 | 0.95 | 0.302 | 0.222 | 0.11 | 13 | 0.285 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte05ft | tph as diesel | mg/kg | 25 | 43 | 58 | 9.9 | 4400 | 614.2 | 1010 | 4.8 | 4.8 | 567.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | lte05ft | tph as gasoline | mg/kg | 26 | 43 | 60 | 0.053 | 270 | 18.61 | 65.73 | 0.046 | 0.059 | 45.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte05ft | tph as motor oil | mg/kg | 26 | 43 | 60 | 9.1 | 9500 | 1145 | 2118 | 7 | 7 | 1854 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte05ft | vanadium | mg/kg | 43 | 43 | 100 | 17.5 | 34.2 | 24.1 | 4.301 | -- | -- | 25.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | lte05ft | xylenes, total | µg/kg | 6 | 43 | 14 | 0.17 | 2.7 | 0.64 | 1.01 | 0.15 | 17 | 0.418 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte05ft | zinc | mg/kg | 43 | 43 | 100 | 19.4 | 58 | 30.98 | 8.444 | -- | -- | 33.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 56 | 27 | 0.11 | 350 | 28.18 | 89.63 | 0.088 | 0.12 | 35.67 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 56 | 8.9 | 0.086 | 53 | 13.56 | 22.37 | 0.074 | 0.11 | 3.065 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 16 | 56 | 29 | 0.0015 | 1.7 | 0.133 | 0.42 | 0.0006 | 0.24 | 0.175 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte10ft | antimony | mg/kg | 9 | 56 | 16 | 0.315 | 1.28 | 0.542 | 0.298 | 0.306 | 0.306 | 0.385 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 ravenna ave | lte10ft | arsenic | mg/kg | 56 | 56 | 100 | 2.18 | 11.7 | 5.102 | 2.32 | -- | -- | 5.645 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 ravenna ave | lte10ft | bap teq | mg/kg | 38 | 56 | 68 | 0.000537 | 0.444 | 0.0395 | 0.0915 | 0.00053 | 0.0103 | 0.0722 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte10ft | benzene | µg/kg | 30 | 56 | 54 | 0.11 | 1.2 | 0.326 | 0.266 | 0.1 | 11 | 0.28 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 19 | 56 | 34 | 0.002 | 0.35 | 0.0435 | 0.0789 | 0.0007 | 0.26 | 0.0275 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 31 | 56 | 55 | 0.0007 | 0.35 | 0.0381 | 0.0819 | 0.0005 | 0.0099 | 0.0586 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 29 | 56 | 52 | 0.0005 | 0.23 | 0.0203 | 0.0442 | 0.0004 | 0.0077 | 0.0303 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 21 | 56 | 38 | 0.13 | 0.56 | 0.306 | 0.0951 | 0.22 | 0.22 | 0.262 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | lte10ft | chrysene | mg/kg | 33 | 56 | 59 | 0.0012 | 0.59 | 0.0707 | 0.116 | 0.0012 | 0.45 | 0.0986 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte10ft | cobalt | mg/kg | 56 | 56 | 100 | 5.43 | 13.5 | 6.914 | 1.263 | -- | -- | 7.207 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte10ft | copper | mg/kg | 56 | 56 | 100 | 5.11 | 16.5 | 9.074 | 2.526 | -- | -- | 9.648 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte10ft | ethylbenzene | µg/kg | 9 | 56 | 16 | 0.15 | 180 | 23.95 | 58.92 | 0.12 | 0.17 | 9.648 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24700 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 56 | 20 | 0.001 | 0.19 | 0.0208 | 0.0564 | 0.0009 | 0.35 | 0.0207 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte10ft | lead | mg/kg | 56 | 56 | 100 | 2.98 | 77 | 8.459 | 12.99 | -- | -- | 16.03 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte10ft | naphthalene | mg/kg | 11 | 56 | 20 | 0.00042 | 0.56 | 0.109 | 0.197 | 0.00024 | 0.00035 | 0.0437 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | lte10ft | pyrene | mg/kg | 37 | 56 | 66 | 0.0009 | 0.32 | 0.0519 | 0.0833 | 0.0008 | 0.33 | 0.0779 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte10ft | toluene | µg/kg | 28 | 56 | 50 | 0.13 | 0.95 | 0.298 | 0.216 | 0.11 | 13 | 0.257 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte10ft | tph as diesel | mg/kg | 26 | 56 | 46 | 9.9 | 4400 | 591 | 996.8 | 4.8 | 4.8 | 445.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24700 ravenna ave | lte10ft | tph as gasoline | mg/kg | 30 | 56 | 54 | 0.053 | 270 | 18.03 | 61.64 | 0.046 | 0.059 | 36.49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte10ft | tph as motor oil | mg/kg | 28 | 56 | 50 | 9.1 | 9500 | 1066 | 2059 | 7 | 7 | 1442 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24700 ravenna ave | lte10ft | vanadium | mg/kg | 56 | 56 | 100 | 17.5 | 40.3 | 25.78 | 5.2 | -- | -- | 26.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24700 ravenna ave | lte10ft | xylenes, total | µg/kg | 8 | 56 | 14 | 0.17 | 3.5 | 1.13 | 1.335 | 0.15 | 17 | 0.532 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24700 ravenna ave | lte10ft | zinc | mg/kg | 56 | 56 | 100 | 19.4 | 58 | 31.44 | 7.774 | -- | -- | 33.21 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 10 | 100 | 17 | 11000 | 2209 | 3527 | -- | -- | 9686 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 10 | 80 | 2 | 680 | 202.2 | 226.7 | 7.7 | 9.2 | 289.8 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 1.1 | 31 | 16.21 | 9.583 | -- | -- | 21.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 1.4 | 46 | 24.64 | 14.51 | -- | -- | 33.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 1.34 | 3 | 1.869 | 0.514 | -- | -- | 2.167 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.0153 | 1.538 | 0.506 | 0.47 | -- | -- | 0.778 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | benzene | µg/kg | 7 | 10 | 70 | 2.3 | 440 | 129.8 | 155.6 | 11 | 13 | 175.4 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 10 | 90 | 0.046 | 1.3 | 0.642 | 0.448 | 0.22 | 0.22 | 0.855 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 10 | 60 | 0.23 | 1.2 | 0.53 | 0.374 | 0.0099 | 0.2 | 0.607 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24702 neptune ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.12 | 2.2 | 1.178 | 0.697 | -- | -- | 1.582 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 6.61 | 7.62 | 7.174 | 0.329 | -- | -- | 7.364 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.21 | 12.4 | 8.613 | 1.459 | -- | -- | 9.467 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 15 | 3700 | 1247 | 1310 | -- | -- | 2006 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 4.47 | 7 | 5.715 | 0.829 | -- | -- | 6.195 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.52 | 22 | 10.28 | 6.714 | -- | -- | 14.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.23 | 13 | 3.703 | 3.522 | -- | -- | 6.635 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | toluene | µg/kg | 8 | 10 | 80 | 0.64 | 36 | 23.05 | 15.11 | 12 | 14 | 36 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 430 | 25000 | 8213 | 6896 | -- | -- | 15050 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 0.96 | 830 | 415.2 | 344.3 | -- | -- | 830 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 480 | 24000 | 8418 | 6697 | -- | -- | 12300 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 24.3 | 30.2 | 27.21 | 2.125 | -- | -- | 28.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 9 | 10 | 90 | 28 | 3400 | 981 | 1146 | 19 | 19 | 1540 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 24.2 | 139 | 50.09 | 37.13 | -- | -- | 80.09 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 20 | 35 | 0.11 | 1.4 | 0.459 | 0.448 | 0.091 | 0.11 | 0.356 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 12 | 20 | 60 | 0.0011 | 0.028 | 0.00798 | 0.00692 | 0.0021 | 0.021 | 0.00858 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 20 | 20 | 100 | 0.0042 | 0.053 | 0.0189 | 0.0142 | -- | -- | 0.0258 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 0.933 | 4.49 | 2.12 | 0.828 | -- | -- | 2.462 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00506 | 0.086 | 0.033 | 0.0253 | -- | -- | 0.0455 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | benzene | µg/kg | 15 | 20 | 75 | 0.12 | 0.87 | 0.23 | 0.185 | 0.1 | 0.12 | 0.29 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 20 | 20 | 100 | 0.0076 | 0.08 | 0.0301 | 0.0251 | -- | -- | 0.0546 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 19 | 20 | 95 | 0.0055 | 0.061 | 0.0235 | 0.0177 | 0.0039 | 0.0039 | 0.0399 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 19 | 20 | 95 | 0.0032 | 0.03 | 0.0134 | 0.00847 | 0.0028 | 0.0028 | 0.0161 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 20 | 35 | 0.0012 | 0.011 | 0.00411 | 0.00373 | 0.0023 | 0.023 | 0.00405 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | lte02ft | chrysene | mg/kg | 20 | 20 | 100 | 0.02 | 0.25 | 0.0831 | 0.0725 | -- | -- | 0.129 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 4.81 | 9.09 | 7.243 | 1.075 | -- | -- | 7.658 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 7.92 | 14.5 | 10.48 | 1.686 | -- | -- | 11.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 17 | 20 | 85 | 0.0025 | 0.026 | 0.0134 | 0.00909 | 0.0013 | 0.013 | 0.0154 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 20 | 90 | 0.0028 | 0.024 | 0.0105 | 0.00712 | 0.0069 | 0.017 | 0.0168 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 5.61 | 18 | 9.537 | 3.535 | -- | -- | 10.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | naphthalene | mg/kg | 16 | 20 | 80 | 0.0014 | 0.071 | 0.0123 | 0.0168 | 0.00027 | 0.00033 | 0.0254 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.011 | 0.19 | 0.0449 | 0.0446 | -- | -- | 0.0635 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 neptune ave | lte02ft | toluene | µg/kg | 11 | 20 | 55 | 0.15 | 0.37 | 0.252 | 0.0797 | 0.12 | 0.13 | 0.244 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | lte02ft | tph as diesel | mg/kg | 19 | 20 | 95 | 6.8 | 360 | 118 | 93.42 | 4.8 | 4.8 | 204.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | tph as motor oil | mg/kg | 19 | 20 | 95 | 21 | 1100 | 400 | 328.8 | 7 | 7 | 704.1 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 20.3 | 36.1 | 26.17 | 4.212 | -- | -- | 27.83 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 26.1 | 131 | 51.86 | 29.57 | -- | -- | 63.57 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 36 | 50 | 0.095 | 9600 | 539.8 | 2261 | 0.091 | 9.3 | 1449 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 26 | 36 | 72 | 0.0011 | 14 | 1.119 | 2.855 | 0.0011 | 0.021 | 2.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 34 | 36 | 94 | 0.0026 | 21 | 1.14 | 3.702 | 0.003 | 0.012 | 3.697 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte05ft | arsenic | mg/kg | 36 | 36 | 100 | 0.838 | 7.49 | 2.645 | 1.712 | -- | -- | 3.888 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte05ft | bap teq | mg/kg | 36 | 36 | 100 | 0.00258 | 0.981 | 0.0807 | 0.164 | -- | -- | 0.116 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 neptune ave | lte05ft | benzene | µg/kg | 25 | 36 | 69 | 0.12 | 16 | 0.919 | 3.155 | 0.1 | 11 | 2.615 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 36 | 36 | 100 | 0.0036 | 1.3 | 0.0931 | 0.218 | -- | -- | 0.15 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 33 | 36 | 92 | 0.0018 | 0.73 | 0.0581 | 0.126 | 0.0039 | 0.2 | 0.143 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 32 | 36 | 89 | 0.0009 | 0.4 | 0.0311 | 0.0693 | 0.0028 | 0.14 | 0.0764 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 36 | 22 | 0.0012 | 0.014 | 0.00535 | 0.00491 | 0.0011 | 0.45 | 0.00423 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | lte05ft | chrysene | mg/kg | 36 | 36 | 100 | 0.0096 | 3.9 | 0.266 | 0.648 | -- | -- | 0.413 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte05ft | cobalt | mg/kg | 36 | 36 | 100 | 4.81 | 9.09 | 7.222 | 0.867 | -- | -- | 7.466 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | lte05ft | copper | mg/kg | 36 | 36 | 100 | 7.92 | 15.9 | 10.44 | 2.143 | -- | -- | 11.05 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 21 | 36 | 58 | 0.002 | 0.044 | 0.0142 | 0.0112 | 0.0007 | 0.27 | 0.0138 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte05ft | ethylbenzene | µg/kg | 12 | 36 | 33 | 0.17 | 350 | 54.86 | 105 | 0.12 | 0.16 | 37.08 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 25 | 36 | 69 | 0.0019 | 0.035 | 0.0122 | 0.00962 | 0.0009 | 0.35 | 0.0136 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte05ft | lead | mg/kg | 36 | 36 | 100 | 5.34 | 50.1 | 9.904 | 7.621 | -- | -- | 12.21 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte05ft | naphthalene | mg/kg | 32 | 36 | 89 | 0.00051 | 9.7 | 0.472 | 1.721 | 0.00027 | 0.00033 | 1.604 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte05ft | pyrene | mg/kg | 36 | 36 | 100 | 0.0073 | 8.6 | 0.441 | 1.444 | -- | -- | 1.49 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte05ft | toluene | µg/kg | 21 | 36 | 58 | 0.14 | 15 | 0.954 | 3.221 | 0.12 | 12 | 2.43 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte05ft | tph as diesel | mg/kg | 34 | 36 | 94 | 6.8 | 18000 | 1139 | 3185 | 4.8 | 4.8 | 3333 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte05ft | tph as gasoline | mg/kg | 17 | 36 | 47 | 0.054 | 750 | 65.54 | 194.5 | 0.047 | 0.077 | 131.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24702 neptune ave | lte05ft | tph as motor oil | mg/kg | 34 | 36 | 94 | 21 | 30000 | 1806 | 5164 | 7 | 7 | 5365 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte05ft | vanadium | mg/kg | 36 | 36 | 100 | 20.3 | 36.1 | 27.26 | 3.89 | -- | -- | 28.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | lte05ft | xylenes, total | µg/kg | 13 | 36 | 36 | 0.21 | 45 | 11.53 | 17.79 | 0.16 | 17 | 13.09 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte05ft | zinc | mg/kg | 36 | 36 | 100 | 26.1 | 131 | 48.49 | 25.6 | -- | -- | 55.89 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 28 | 46 | 61 | 0.095 | 11000 | 1136 | 2834 | 0.091 | 9.3 | 2158 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 46 | 26 | 0.094 | 680 | 137.3 | 204.8 | 0.076 | 9.2 | 66.13 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 36 | 46 | 78 | 0.0011 | 31 | 5.311 | 8.743 | 0.0011 | 0.021 | 9.328 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 44 | 46 | 96 | 0.0026 | 46 | 6.481 | 12.4 | 0.003 | 0.012 | 14.04 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | arsenic | mg/kg | 46 | 46 | 100 | 0.838 | 7.49 | 2.476 | 1.561 | -- | -- | 2.874 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | bap teq | mg/kg | 46 | 46 | 100 | 0.00258 | 1.538 | 0.173 | 0.31 | -- | -- | 0.373 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte10ft | benzene | µg/kg | 32 | 46 | 70 | 0.12 | 440 | 29.1 | 87.29 | 0.1 | 13 | 67.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 45 | 46 | 98 | 0.0036 | 1.3 | 0.203 | 0.351 | 0.22 | 0.22 | 0.424 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 39 | 46 | 85 | 0.0018 | 1.2 | 0.131 | 0.248 | 0.0039 | 0.2 | 0.263 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 36 | 46 | 78 | 0.0009 | 0.93 | 0.0662 | 0.167 | 0.0028 | 0.28 | 0.151 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 46 | 20 | 0.0012 | 0.53 | 0.0636 | 0.175 | 0.0011 | 0.52 | 0.0668 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | chrysene | mg/kg | 46 | 46 | 100 | 0.0096 | 3.9 | 0.464 | 0.754 | -- | -- | 0.949 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte10ft | cobalt | mg/kg | 46 | 46 | 100 | 4.81 | 9.09 | 7.212 | 0.779 | -- | -- | 7.41 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 neptune ave | lte10ft | copper | mg/kg | 46 | 46 | 100 | 7.21 | 15.9 | 10.04 | 2.139 | -- | -- | 10.58 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 22 | 46 | 48 | 0.002 | 0.18 | 0.0217 | 0.037 | 0.0007 | 0.54 | 0.0237 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte10ft | ethylbenzene | µg/kg | 22 | 46 | 48 | 0.17 | 3700 | 596.7 | 1054 | 0.12 | 0.16 | 481.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 26 | 46 | 57 | 0.0019 | 0.33 | 0.0244 | 0.063 | 0.0009 | 0.69 | 0.0542 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | lead | mg/kg | 46 | 46 | 100 | 4.47 | 50.1 | 8.994 | 6.954 | -- | -- | 10.84 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | naphthalene | mg/kg | 42 | 46 | 91 | 0.00051 | 22 | 2.808 | 5.479 | 0.00027 | 0.00033 | 5.967 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | pyrene | mg/kg | 46 | 46 | 100 | 0.0073 | 13 | 1.15 | 2.44 | -- | -- | 2.719 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | toluene | µg/kg | 29 | 46 | 63 | 0.14 | 36 | 7.049 | 12.86 | 0.12 | 14 | 11.42 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | tph as diesel | mg/kg | 44 | 46 | 96 | 6.8 | 25000 | 2747 | 5170 | 4.8 | 4.8 | 5898 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte10ft | tph as gasoline | mg/kg | 27 | 46 | 59 | 0.054 | 830 | 195.1 | 306.5 | 0.047 | 0.077 | 278 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | tph as motor oil | mg/kg | 44 | 46 | 96 | 21 | 30000 | 3308 | 6141 | 7 | 7 | 7050 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 neptune ave | lte10ft | vanadium | mg/kg | 46 | 46 | 100 | 20.3 | 36.1 | 27.25 | 3.56 | -- | -- | 28.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 neptune ave | lte10ft | xylenes, total | µg/kg | 22 | 46 | 48 | 0.21 | 3400 | 408.1 | 859.2 | 0.16 | 19 | 600 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 neptune ave | lte10ft | zinc | mg/kg | 46 | 46 | 100 | 24.2 | 139 | 48.84 | 28.03 | -- | -- | 55.95 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 15 | 53 | 0.21 | 2.6 | 0.943 | 0.755 | 0.096 | 9.2 | 0.997 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 15 | 33 | 0.006 | 0.41 | 0.149 | 0.195 | 0.0011 | 0.021 | 0.116 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 15 | 100 | 0.0035 | 0.35 | 0.0659 | 0.103 | -- | -- | 0.182 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte02ft | arsenic | mg/kg | 15 | 15 | 100 | 2.32 | 8.59 | 5.311 | 1.523 | -- | -- | 6.003 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte02ft | bap teq | mg/kg | 15 | 15 | 100 | 0.00945 | 0.448 | 0.124 | 0.131 | -- | -- | 0.199 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 panama ave | lte02ft | benzene | µg/kg | 11 | 15 | 73 | 0.16 | 0.66 | 0.325 | 0.156 | 0.12 | 11 | 0.363 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 15 | 100 | 0.011 | 0.53 | 0.137 | 0.168 | -- | -- | 0.326 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 15 | 100 | 0.0065 | 0.32 | 0.0919 | 0.0946 | -- | -- | 0.146 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 15 | 100 | 0.0032 | 0.2 | 0.0478 | 0.0494 | -- | -- | 0.0748 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 15 | 47 | 0.0016 | 0.073 | 0.0222 | 0.0271 | 0.0056 | 0.23 | 0.0242 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte02ft | chrysene | mg/kg | 15 | 15 | 100 | 0.031 | 1.4 | 0.383 | 0.424 | -- | -- | 0.62 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 panama ave | lte02ft | cobalt | mg/kg | 15 | 15 | 100 | 5.52 | 6.95 | 6.171 | 0.411 | -- | -- | 6.358 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte02ft | copper | mg/kg | 15 | 15 | 100 | 6.82 | 51.7 | 14.71 | 12.22 | -- | -- | 28.47 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 15 | 53 | 0.0024 | 0.045 | 0.0207 | 0.0156 | 0.0034 | 0.13 | 0.0223 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 15 | 53 | 0.0024 | 0.057 | 0.0236 | 0.0186 | 0.0043 | 0.17 | 0.025 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte02ft | lead | mg/kg | 15 | 15 | 100 | 4.62 | 72.7 | 22.25 | 23.31 | -- | -- | 40.98 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte02ft | naphthalene | mg/kg | 10 | 15 | 67 | 0.00056 | 0.1 | 0.0157 | 0.03 | 0.00025 | 0.026 | 0.0248 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte02ft | pyrene | mg/kg | 15 | 15 | 100 | 0.011 | 2.5 | 0.435 | 0.789 | -- | -- | 1.323 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte02ft | toluene | µg/kg | 11 | 15 | 73 | 0.15 | 1.9 | 0.601 | 0.489 | 0.13 | 12 | 0.729 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte02ft | tph as diesel | mg/kg | 15 | 15 | 100 | 67 | 2600 | 482.5 | 769.5 | -- | -- | 1349 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte02ft | tph as gasoline | mg/kg | 8 | 15 | 53 | 0.056 | 0.12 | 0.0865 | 0.025 | 0.048 | 0.059 | 0.0867 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte02ft | tph as motor oil | mg/kg | 15 | 15 | 100 | 210 | 4000 | 936.7 | 1071 | -- | -- | 1512 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte02ft | vanadium | mg/kg | 15 | 15 | 100 | 18.5 | 28.2 | 24.33 | 2.684 | -- | -- | 25.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte02ft | xylenes, total | µg/kg | 8 | 15 | 53 | 0.18 | 1.1 | 0.556 | 0.307 | 0.17 | 16 | 0.596 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte02ft | zinc | mg/kg | 15 | 15 | 100 | 23.6 | 190 | 53.87 | 47.89 | -- | -- | 75.54 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 24 | 63 | 0.2 | 32000 | 2368 | 8226 | 0.092 | 9.2 | 7362 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 24 | 33 | 0.089 | 2900 | 433.8 | 1011 | 0.077 | 7.8 | 362.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 13 | 24 | 54 | 0.0014 | 18 | 2.495 | 5.688 | 0.0011 | 0.021 | 5.251 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24702 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 24 | 24 | 100 | 0.0024 | 23 | 1.945 | 6.187 | -- | -- | 7.45 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 2.32 | 13.4 | 6.068 | 2.435 | -- | -- | 6.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte05ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00254 | 2.466 | 0.218 | 0.494 | -- | -- | 0.658 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte05ft | benzene | µg/kg | 18 | 24 | 75 | 0.12 | 3300 | 205.8 | 777.9 | 0.12 | 12 | 759.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 24 | 24 | 100 | 0.0026 | 2.5 | 0.226 | 0.507 | -- | -- | 0.677 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 24 | 100 | 0.0018 | 1.8 | 0.161 | 0.36 | -- | -- | 0.482 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 24 | 24 | 100 | 0.0013 | 1.3 | 0.0964 | 0.26 | -- | -- | 0.328 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 24 | 42 | 0.0016 | 0.68 | 0.0845 | 0.211 | 0.0011 | 0.23 | 0.165 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte05ft | chrysene | mg/kg | 24 | 24 | 100 | 0.0063 | 4.6 | 0.538 | 0.943 | -- | -- | 0.865 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 panama ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 5.52 | 11 | 6.585 | 1.077 | -- | -- | 6.936 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 panama ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 5.93 | 51.7 | 14.04 | 9.84 | -- | -- | 17.68 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 24 | 50 | 0.0011 | 0.28 | 0.0415 | 0.0766 | 0.0007 | 0.13 | 0.0431 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte05ft | ethylbenzene | µg/kg | 8 | 24 | 33 | 0.15 | 9000 | 1248 | 3145 | 0.12 | 12 | 1088 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 24 | 54 | 0.0011 | 0.77 | 0.0756 | 0.209 | 0.0043 | 0.17 | 0.185 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 4.24 | 72.7 | 17.86 | 19.49 | -- | -- | 35.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte05ft | naphthalene | mg/kg | 19 | 24 | 79 | 0.00056 | 11 | 0.937 | 2.657 | 0.00025 | 0.026 | 2.874 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte05ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0035 | 12 | 0.942 | 2.449 | -- | -- | 3.121 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte05ft | toluene | µg/kg | 18 | 24 | 75 | 0.13 | 120 | 7.931 | 28.18 | 0.13 | 13 | 27.94 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte05ft | tph as diesel | mg/kg | 23 | 24 | 96 | 42 | 4700 | 926.5 | 1232 | 4.8 | 4.8 | 1975 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte05ft | tph as gasoline | mg/kg | 16 | 24 | 67 | 0.056 | 2700 | 211.4 | 675.4 | 0.048 | 0.059 | 640 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte05ft | tph as motor oil | mg/kg | 23 | 24 | 96 | 73 | 4600 | 1394 | 1460 | 7 | 7 | 2633 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 panama ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 18.5 | 38.7 | 25.92 | 4.384 | -- | -- | 27.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte05ft | xylenes, total | µg/kg | 14 | 24 | 58 | 0.18 | 12000 | 911.4 | 3195 | 0.16 | 16 | 2742 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 21.7 | 190 | 46.09 | 38.94 | -- | -- | 80.74 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 20 | 30 | 67 | 0.2 | 32000 | 1908 | 7110 | 0.092 | 9.2 | 5950 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 30 | 43 | 0.089 | 2900 | 310 | 789.8 | 0.077 | 7.8 | 303.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 18 | 30 | 60 | 0.0014 | 32 | 4.046 | 8.491 | 0.0011 | 0.021 | 4.641 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 30 | 30 | 100 | 0.0015 | 42 | 3.336 | 9.186 | -- | -- | 10.65 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 2.32 | 13.4 | 6.025 | 2.274 | -- | -- | 6.765 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte10ft | bap teq | mg/kg | 30 | 30 | 100 | 0.00254 | 5.003 | 0.452 | 1.005 | -- | -- | 1.252 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte10ft | benzene | µg/kg | 21 | 30 | 70 | 0.12 | 3300 | 179.7 | 720.2 | 0.12 | 12 | 610.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 30 | 30 | 100 | 0.0026 | 4.5 | 0.463 | 0.941 | -- | -- | 1.212 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 30 | 30 | 100 | 0.0018 | 3.6 | 0.332 | 0.727 | -- | -- | 0.911 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 30 | 30 | 100 | 0.0013 | 2.4 | 0.207 | 0.492 | -- | -- | 0.598 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 13 | 30 | 43 | 0.0016 | 1.2 | 0.17 | 0.36 | 0.0011 | 0.45 | 0.156 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 panama ave | lte10ft | chrysene | mg/kg | 30 | 30 | 100 | 0.0063 | 10 | 1.104 | 2.05 | -- | -- | 2.736 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 5.52 | 11 | 6.655 | 1.051 | -- | -- | 6.996 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 5.93 | 51.7 | 13.89 | 9.107 | -- | -- | 16.86 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 16 | 30 | 53 | 0.0011 | 0.92 | 0.101 | 0.229 | 0.0007 | 0.27 | 0.195 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte10ft | ethylbenzene | µg/kg | 13 | 30 | 43 | 0.15 | 9000 | 804.4 | 2472 | 0.12 | 12 | 869.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24702 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 30 | 53 | 0.0011 | 1.8 | 0.185 | 0.471 | 0.0043 | 0.35 | 0.385 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 4.24 | 156 | 24.47 | 31.7 | -- | -- | 49.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte10ft | naphthalene | mg/kg | 24 | 30 | 80 | 0.00056 | 11 | 1.252 | 2.991 | 0.00025 | 0.026 | 3.169 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 panama ave | lte10ft | pyrene | mg/kg | 30 | 30 | 100 | 0.0035 | 12 | 1.61 | 3.156 | -- | -- | 2.975 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24702 panama ave | lte10ft | toluene | µg/kg | 23 | 30 | 77 | 0.13 | 120 | 9.912 | 25.47 | 0.13 | 13 | 25.72 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte10ft | tph as diesel | mg/kg | 28 | 30 | 93 | 42 | 25000 | 2119 | 4767 | 4.8 | 4.8 | 5670 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte10ft | tph as gasoline | mg/kg | 22 | 30 | 73 | 0.056 | 2700 | 161.3 | 577.2 | 0.048 | 0.059 | 516 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte10ft | tph as motor oil | mg/kg | 28 | 30 | 93 | 73 | 26000 | 2778 | 5016 | 7 | 7 | 6493 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24702 panama ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 18.5 | 38.7 | 26.4 | 4.656 | -- | -- | 27.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24702 panama ave | lte10ft | xylenes, total | µg/kg | 19 | 30 | 63 | 0.18 | 12000 | 719.4 | 2735 | 0.16 | 16 | 2211 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24702 panama ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 21.7 | 190 | 47.32 | 38.71 | -- | -- | 78.12 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 3.8 | 12.8 | 8.056 | 3.482 | -- | -- | 10.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.54 | 10.8 | 8.351 | 1.754 | -- | -- | 9.526 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 5.22 | 34.3 | 17.63 | 8.956 | -- | -- | 23.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 2.15 | 7.49 | 5.078 | 1.61 | -- | -- | 6.156 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 19.6 | 49.9 | 33.79 | 11.21 | -- | -- | 41.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 23.2 | 60.6 | 41.71 | 11.13 | -- | -- | 49.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 20 | 50 | 0.0006 | 0.32 | 0.0361 | 0.0998 | 0.0006 | 0.012 | 0.0897 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte02ft | antimony | mg/kg | 9 | 20 | 45 | 0.245 | 0.574 | 0.357 | 0.115 | 0.219 | 0.306 | 0.339 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24703 marbella ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 2.33 | 7.87 | 4.894 | 1.3 | -- | -- | 5.397 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte02ft | bap teq | mg/kg | 16 | 20 | 80 | 0.00115 | 1.833 | 0.126 | 0.456 | 0.00053 | 0.00228 | 0.502 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte02ft | benzene | µg/kg | 13 | 20 | 65 | 0.12 | 0.39 | 0.235 | 0.0868 | 0.11 | 12 | 0.236 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 20 | 60 | 0.0008 | 0.86 | 0.0792 | 0.246 | 0.0007 | 0.012 | 0.238 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 20 | 65 | 0.0018 | 1.7 | 0.141 | 0.469 | 0.0005 | 0.0025 | 0.467 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 20 | 45 | 0.0012 | 0.041 | 0.00943 | 0.0129 | 0.0004 | 0.014 | 0.00874 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 20 | 25 | 0.0012 | 0.018 | 0.00886 | 0.00743 | 0.0011 | 0.045 | 0.00908 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte02ft | cadmium | mg/kg | 15 | 20 | 75 | 0.242 | 0.664 | 0.341 | 0.115 | 0.0883 | 0.0883 | 0.36 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 marbella ave | lte02ft | chrysene | mg/kg | 16 | 20 | 80 | 0.0016 | 3.8 | 0.251 | 0.947 | 0.0012 | 0.0026 | 1.033 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 9.07 | 13.1 | 11.27 | 1.29 | -- | -- | 11.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 11.2 | 74.2 | 25.23 | 13.08 | -- | -- | 30.61 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 20 | 25 | 0.0016 | 0.025 | 0.00782 | 0.00978 | 0.0007 | 0.027 | 0.00561 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 20 | 40 | 0.0009 | 0.04 | 0.00908 | 0.0132 | 0.0009 | 0.035 | 0.008 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 5.78 | 59.8 | 15.01 | 13.02 | -- | -- | 27.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte02ft | naphthalene | mg/kg | 9 | 20 | 45 | 0.0013 | 0.023 | 0.00641 | 0.00664 | 0.00026 | 0.0019 | 0.00561 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte02ft | pyrene | mg/kg | 18 | 20 | 90 | 0.001 | 5.3 | 0.316 | 1.245 | 0.0008 | 0.0008 | 1.44 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte02ft | toluene | µg/kg | 12 | 20 | 60 | 0.14 | 0.68 | 0.232 | 0.147 | 0.12 | 14 | 0.248 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte02ft | tph as diesel | mg/kg | 14 | 20 | 70 | 14 | 5000 | 504.6 | 1312 | 4.8 | 4.8 | 1451 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte02ft | tph as gasoline | mg/kg | 8 | 20 | 40 | 0.057 | 0.12 | 0.0729 | 0.0215 | 0.05 | 0.061 | 0.0695 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte02ft | tph as motor oil | mg/kg | 14 | 20 | 70 | 46 | 9400 | 1132 | 2478 | 7 | 7 | 1670 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 marbella ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 29.2 | 45.7 | 39.68 | 5.282 | -- | -- | 41.72 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 31 | 153 | 64.79 | 31.86 | -- | -- | 76.81 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 marbella ave | lte05ft | 1,1,2,2-tetrachloroethane | µg/kg | 5 | 28 | 18 | 0.1 | 0.19 | 0.134 | 0.0336 | 0.1 | 21 | 0.133 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 28 | 21 | 0.0026 | 0.39 | 0.0691 | 0.157 | 0.0011 | 0.021 | 0.0817 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 28 | 46 | 0.0006 | 0.32 | 0.0298 | 0.0873 | 0.0006 | 0.012 | 0.0648 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte05ft | antimony | mg/kg | 9 | 28 | 32 | 0.245 | 0.574 | 0.357 | 0.115 | 0.219 | 0.306 | 0.316 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte05ft | arsenic | mg/kg | 28 | 28 | 100 | 2.33 | 7.87 | 4.656 | 1.202 | -- | -- | 5.092 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte05ft | bap teq | mg/kg | 18 | 28 | 64 | 0.00107 | 1.833 | 0.114 | 0.429 | 0.00053 | 0.00228 | 0.361 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte05ft | benzene | µg/kg | 15 | 28 | 54 | 0.12 | 0.39 | 0.221 | 0.0877 | 0.11 | 12 | 0.205 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 14 | 28 | 50 | 0.0007 | 0.86 | 0.0687 | 0.228 | 0.0007 | 0.012 | 0.171 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 28 | 54 | 0.0007 | 1.7 | 0.124 | 0.436 | 0.0005 | 0.0025 | 0.335 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 11 | 28 | 39 | 0.0007 | 0.041 | 0.00905 | 0.0119 | 0.0004 | 0.014 | 0.00682 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 28 | 21 | 0.0012 | 0.018 | 0.00922 | 0.0067 | 0.0011 | 0.045 | 0.00883 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte05ft | cadmium | mg/kg | 15 | 28 | 54 | 0.242 | 0.664 | 0.341 | 0.115 | 0.0883 | 0.0883 | 0.327 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 marbella ave | lte05ft | chrysene | mg/kg | 18 | 28 | 64 | 0.0014 | 3.8 | 0.224 | 0.893 | 0.0012 | 0.0026 | 0.741 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 4.62 | 18.8 | 10.27 | 3.063 | -- | -- | 11.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte05ft | copper | mg/kg | 28 | 28 | 100 | 4.91 | 74.2 | 21.43 | 13.7 | -- | -- | 26.21 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 28 | 21 | 0.0016 | 0.025 | 0.00682 | 0.00908 | 0.0007 | 0.027 | 0.00439 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 28 | 32 | 0.0009 | 0.04 | 0.00996 | 0.0126 | 0.0009 | 0.035 | 0.00666 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte05ft | lead | mg/kg | 28 | 28 | 100 | 2.22 | 59.8 | 11.92 | 12.07 | -- | -- | 16.51 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte05ft | naphthalene | mg/kg | 12 | 28 | 43 | 0.0013 | 0.25 | 0.0266 | 0.0706 | 0.00026 | 0.0019 | 0.0306 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte05ft | pyrene | mg/kg | 20 | 28 | 71 | 0.001 | 5.3 | 0.291 | 1.18 | 0.0008 | 0.0008 | 1.037 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte05ft | toluene | µg/kg | 14 | 28 | 50 | 0.13 | 0.68 | 0.222 | 0.138 | 0.12 | 14 | 0.22 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte05ft | tph as diesel | mg/kg | 15 | 28 | 54 | 14 | 5000 | 473.4 | 1270 | 4.8 | 4.8 | 1050 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte05ft | tph as gasoline | mg/kg | 8 | 28 | 29 | 0.057 | 0.12 | 0.0729 | 0.0215 | 0.049 | 0.061 | 0.066 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte05ft | tph as motor oil | mg/kg | 15 | 28 | 54 | 46 | 9400 | 1062 | 2403 | 7 | 7 | 2102 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 19.1 | 48.3 | 36.15 | 8.684 | -- | -- | 38.95 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 21.5 | 153 | 55.97 | 30.99 | -- | -- | 65.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte10ft | 1,1,2,2-tetrachloroethane | µg/kg | 5 | 36 | 14 | 0.1 | 0.19 | 0.134 | 0.0336 | 0.1 | 21 | 0.132 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 6 | 36 | 17 | 0.0026 | 0.39 | 0.0691 | 0.157 | 0.0011 | 0.021 | 0.0644 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 13 | 36 | 36 | 0.0006 | 0.32 | 0.0298 | 0.0873 | 0.0006 | 0.012 | 0.0507 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte10ft | antimony | mg/kg | 9 | 36 | 25 | 0.245 | 0.574 | 0.357 | 0.115 | 0.219 | 0.306 | 0.306 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 2.33 | 12.8 | 5.411 | 2.366 | -- | -- | 6.096 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte10ft | bap teq | mg/kg | 21 | 36 | 58 | 0.00107 | 1.833 | 0.098 | 0.398 | 0.00053 | 0.00228 | 0.281 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte10ft | benzene | µg/kg | 17 | 36 | 47 | 0.12 | 0.39 | 0.216 | 0.085 | 0.11 | 12 | 0.191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 16 | 36 | 44 | 0.0007 | 0.86 | 0.0604 | 0.213 | 0.0007 | 0.012 | 0.133 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 18 | 36 | 50 | 0.0007 | 1.7 | 0.104 | 0.399 | 0.0005 | 0.0025 | 0.26 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 36 | 36 | 0.0006 | 0.041 | 0.00778 | 0.0113 | 0.0004 | 0.014 | 0.0054 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 36 | 17 | 0.0012 | 0.018 | 0.00922 | 0.0067 | 0.0011 | 0.045 | 0.00872 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24703 marbella ave | lte10ft | cadmium | mg/kg | 15 | 36 | 42 | 0.242 | 0.664 | 0.341 | 0.115 | 0.0883 | 0.0883 | 0.309 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 marbella ave | lte10ft | chrysene | mg/kg | 21 | 36 | 58 | 0.0012 | 3.8 | 0.192 | 0.827 | 0.0012 | 0.0026 | 0.577 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 4.62 | 18.8 | 9.842 | 2.916 | -- | -- | 10.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 marbella ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 4.91 | 74.2 | 20.58 | 12.78 | -- | -- | 24.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 36 | 17 | 0.0016 | 0.025 | 0.00682 | 0.00908 | 0.0007 | 0.027 | 0.00374 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 36 | 25 | 0.0009 | 0.04 | 0.00996 | 0.0126 | 0.0009 | 0.035 | 0.00537 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 marbella ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 2.15 | 59.8 | 10.4 | 11.01 | -- | -- | 13.19 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte10ft | naphthalene | mg/kg | 14 | 36 | 39 | 0.0013 | 0.25 | 0.0238 | 0.0653 | 0.00026 | 0.0019 | 0.0249 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte10ft | pyrene | mg/kg | 23 | 36 | 64 | 0.001 | 5.3 | 0.253 | 1.101 | 0.0008 | 0.0008 | 0.808 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte10ft | toluene | µg/kg | 18 | 36 | 50 | 0.13 | 0.68 | 0.214 | 0.126 | 0.12 | 14 | 0.202 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 marbella ave | lte10ft | tph as diesel | mg/kg | 16 | 36 | 44 | 9.3 | 5000 | 444.4 | 1232 | 4.8 | 4.8 | 821.1 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte10ft | tph as gasoline | mg/kg | 9 | 36 | 25 | 0.057 | 1.1 | 0.187 | 0.343 | 0.049 | 0.064 | 0.146 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte10ft | tph as motor oil | mg/kg | 16 | 36 | 44 | 24 | 9400 | 996.7 | 2336 | 7 | 7 | 1644 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 marbella ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 19.1 | 49.9 | 35.63 | 9.181 | -- | -- | 38.21 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 marbella ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 21.5 | 153 | 52.8 | 28.32 | -- | -- | 60.33 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 10 | 80 | 0.73 | 330 | 54.69 | 113.6 | 0.092 | 0.1 | 187.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 10 | 50 | 0.46 | 12 | 4.898 | 5.62 | 0.078 | 10 | 5.571 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 1.2 | 24 | 7.73 | 7.226 | -- | -- | 11.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.67 | 29 | 10.27 | 9.474 | -- | -- | 15.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 1.01 | 7.81 | 2.486 | 2.46 | -- | -- | 5.877 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | gt05lte10ft | bap teq | mg/kg | 9 | 10 | 90 | 0.0453 | 0.629 | 0.3 | 0.195 | 0.103 | 0.103 | 0.392 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | benzene | µg/kg | 10 | 10 | 100 | 0.14 | 110 | 14.62 | 33.89 | -- | -- | 62.44 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 10 | 90 | 0.061 | 0.98 | 0.456 | 0.3 | 0.13 | 0.13 | 0.597 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 10 | 90 | 0.032 | 0.44 | 0.22 | 0.144 | 0.099 | 0.099 | 0.29 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 10 | 70 | 0.019 | 0.21 | 0.086 | 0.0705 | 0.007 | 0.07 | 0.107 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | chrysene | mg/kg | 9 | 10 | 90 | 0.11 | 2.8 | 1.078 | 0.834 | 0.22 | 0.22 | 1.474 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 6.23 | 8.45 | 7.369 | 0.722 | -- | -- | 7.787 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.89 | 15.6 | 9.974 | 2.824 | -- | -- | 11.69 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 4.2 | 2400 | 259.3 | 752.3 | -- | -- | 1296 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 4.83 | 12.7 | 6.775 | 2.338 | -- | -- | 8.174 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.25 | 7.1 | 3.293 | 2.518 | -- | -- | 4.753 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.12 | 6.3 | 2.072 | 2.084 | -- | -- | 3.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | toluene | µg/kg | 10 | 10 | 100 | 0.16 | 19 | 2.342 | 5.86 | -- | -- | 10.42 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 1200 | 18000 | 6110 | 4831 | -- | -- | 9953 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 0.95 | 710 | 224.3 | 262.3 | -- | -- | 585.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 2000 | 21000 | 7000 | 5559 | -- | -- | 11020 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 21.6 | 32.8 | 27.29 | 3.422 | -- | -- | 29.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 10 | 100 | 0.22 | 42 | 10.58 | 16.49 | -- | -- | 29.54 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 24.6 | 48.7 | 31.38 | 7.215 | -- | -- | 35.73 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 16 | 38 | 0.13 | 0.32 | 0.175 | 0.0723 | 0.095 | 0.11 | 0.169 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 16 | 44 | 0.0023 | 0.012 | 0.00839 | 0.00445 | 0.0054 | 0.043 | 0.00959 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 16 | 81 | 0.004 | 0.046 | 0.0171 | 0.013 | 0.012 | 0.024 | 0.021 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.14 | 9.43 | 3.544 | 2.005 | -- | -- | 4.506 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00519 | 0.171 | 0.05 | 0.0435 | -- | -- | 0.0753 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte02ft | benzene | µg/kg | 8 | 16 | 50 | 0.13 | 0.39 | 0.176 | 0.087 | 0.11 | 0.13 | 0.184 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 16 | 88 | 0.004 | 0.2 | 0.0483 | 0.0492 | 0.013 | 0.026 | 0.067 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0037 | 0.12 | 0.0378 | 0.0313 | 0.0099 | 0.0099 | 0.07 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 16 | 81 | 0.0027 | 0.13 | 0.0303 | 0.036 | 0.007 | 0.014 | 0.0627 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 16 | 44 | 0.0047 | 0.068 | 0.0233 | 0.023 | 0.0011 | 0.045 | 0.0222 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte02ft | cadmium | mg/kg | 8 | 16 | 50 | 0.0977 | 0.311 | 0.158 | 0.0734 | 0.0099 | 0.0883 | 0.155 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0096 | 0.57 | 0.124 | 0.135 | -- | -- | 0.196 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.69 | 11.2 | 8.71 | 1.102 | -- | -- | 9.193 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 8.62 | 18.4 | 13.53 | 2.859 | -- | -- | 14.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 16 | 63 | 0.0012 | 0.031 | 0.0106 | 0.00872 | 0.0034 | 0.027 | 0.012 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 16 | 69 | 0.0016 | 0.077 | 0.0198 | 0.0217 | 0.0043 | 0.035 | 0.0256 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 6.59 | 29.3 | 11.97 | 6.903 | -- | -- | 15.12 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte02ft | naphthalene | mg/kg | 15 | 16 | 94 | 0.0011 | 0.8 | 0.0698 | 0.202 | 0.00032 | 0.00032 | 0.28 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte02ft | pyrene | mg/kg | 15 | 16 | 94 | 0.0078 | 0.53 | 0.127 | 0.143 | 0.016 | 0.016 | 0.275 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte02ft | toluene | µg/kg | 14 | 16 | 88 | 0.12 | 0.56 | 0.234 | 0.124 | 0.13 | 0.14 | 0.274 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24703 neptune ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 20 | 19000 | 1354 | 4708 | -- | -- | 6485 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte02ft | tph as gasoline | mg/kg | 8 | 16 | 50 | 0.054 | 0.24 | 0.103 | 0.0608 | 0.049 | 0.058 | 0.101 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 77 | 21000 | 1812 | 5140 | -- | -- | 7413 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 24.6 | 34.5 | 30.38 | 2.749 | -- | -- | 31.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 27.7 | 75.4 | 41.78 | 13.43 | -- | -- | 47.89 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 29 | 38 | 0.13 | 140 | 14.23 | 41.86 | 0.09 | 0.11 | 27.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 19 | 29 | 66 | 0.0023 | 12 | 1.433 | 2.833 | 0.0054 | 0.043 | 1.718 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 29 | 86 | 0.004 | 18 | 1.543 | 3.769 | 0.012 | 0.024 | 4.197 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte05ft | arsenic | mg/kg | 29 | 29 | 100 | 1.14 | 10.9 | 5.265 | 2.778 | -- | -- | 6.143 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte05ft | bap teq | mg/kg | 28 | 29 | 97 | 0.0032 | 0.171 | 0.0416 | 0.0391 | 0.103 | 0.103 | 0.0727 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte05ft | benzene | µg/kg | 20 | 29 | 69 | 0.12 | 0.64 | 0.229 | 0.128 | 0.11 | 11 | 0.241 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 26 | 29 | 90 | 0.0038 | 0.2 | 0.0527 | 0.055 | 0.013 | 0.13 | 0.0676 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 29 | 83 | 0.0023 | 0.12 | 0.0318 | 0.0286 | 0.002 | 0.099 | 0.0373 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 21 | 29 | 72 | 0.0015 | 0.13 | 0.024 | 0.0301 | 0.0014 | 0.07 | 0.0409 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 29 | 28 | 0.0047 | 0.068 | 0.0212 | 0.0221 | 0.0011 | 0.23 | 0.0152 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte05ft | cadmium | mg/kg | 14 | 29 | 48 | 0.0887 | 0.652 | 0.19 | 0.146 | 0.0099 | 0.0883 | 0.178 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 29 | 21 | 0.058 | 0.44 | 0.243 | 0.157 | 0.22 | 0.22 | 0.25 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte05ft | chrysene | mg/kg | 28 | 29 | 97 | 0.0092 | 0.57 | 0.118 | 0.117 | 0.22 | 0.22 | 0.21 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte05ft | cobalt | mg/kg | 29 | 29 | 100 | 6.55 | 11.2 | 8.702 | 1.023 | -- | -- | 9.025 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte05ft | copper | mg/kg | 29 | 29 | 100 | 8.62 | 20.9 | 15.16 | 3.218 | -- | -- | 16.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 29 | 34 | 0.0012 | 0.031 | 0.0106 | 0.00872 | 0.0007 | 0.13 | 0.00948 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte05ft | ethylbenzene | µg/kg | 12 | 29 | 41 | 0.2 | 1500 | 165.1 | 423.5 | 0.12 | 0.15 | 158.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 29 | 48 | 0.001 | 0.077 | 0.0162 | 0.0204 | 0.0035 | 0.17 | 0.0161 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | lte05ft | lead | mg/kg | 29 | 29 | 100 | 4.21 | 29.3 | 9.326 | 5.926 | -- | -- | 11.28 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte05ft | naphthalene | mg/kg | 28 | 29 | 97 | 0.0011 | 6.3 | 0.651 | 1.551 | 0.00032 | 0.00032 | 1.866 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte05ft | pyrene | mg/kg | 27 | 29 | 93 | 0.0078 | 0.59 | 0.145 | 0.157 | 0.016 | 0.16 | 0.262 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte05ft | toluene | µg/kg | 25 | 29 | 86 | 0.12 | 0.56 | 0.245 | 0.114 | 0.13 | 12 | 0.269 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte05ft | tph as diesel | mg/kg | 29 | 29 | 100 | 20 | 19000 | 1969 | 3912 | -- | -- | 3529 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | lte05ft | tph as gasoline | mg/kg | 20 | 29 | 69 | 0.054 | 800 | 148.4 | 233.6 | 0.048 | 0.058 | 173.3 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | lte05ft | tph as motor oil | mg/kg | 29 | 29 | 100 | 77 | 21000 | 2409 | 4295 | -- | -- | 5796 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte05ft | vanadium | mg/kg | 29 | 29 | 100 | 24.6 | 42.9 | 32.51 | 4.1 | -- | -- | 33.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte05ft | xylenes, total | µg/kg | 11 | 29 | 38 | 0.17 | 24 | 2.816 | 7.06 | 0.16 | 0.2 | 2.873 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte05ft | zinc | mg/kg | 29 | 29 | 100 | 27.7 | 75.4 | 40.59 | 10.43 | -- | -- | 44 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 39 | 49 | 0.13 | 330 | 31.27 | 80.08 | 0.09 | 0.11 | 30.99 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 39 | 13 | 0.46 | 12 | 4.898 | 5.62 | 0.076 | 10 | 2.343 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 29 | 39 | 74 | 0.0023 | 24 | 3.604 | 5.588 | 0.0054 | 0.043 | 6.225 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 35 | 39 | 90 | 0.004 | 29 | 4.035 | 7.055 | 0.012 | 0.024 | 8.367 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte10ft | arsenic | mg/kg | 39 | 39 | 100 | 1.01 | 10.9 | 4.553 | 2.938 | -- | -- | 5.52 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte10ft | bap teq | mg/kg | 37 | 39 | 95 | 0.0032 | 0.629 | 0.104 | 0.149 | 0.103 | 0.103 | 0.203 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte10ft | benzene | µg/kg | 30 | 39 | 77 | 0.12 | 110 | 5.026 | 20.1 | 0.11 | 11 | 16.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 35 | 39 | 90 | 0.0038 | 0.98 | 0.156 | 0.235 | 0.013 | 0.13 | 0.301 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 33 | 39 | 85 | 0.0023 | 0.44 | 0.0833 | 0.114 | 0.002 | 0.099 | 0.148 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 39 | 72 | 0.0015 | 0.21 | 0.0395 | 0.0502 | 0.0014 | 0.07 | 0.0619 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 39 | 21 | 0.0047 | 0.068 | 0.0212 | 0.0221 | 0.0011 | 0.23 | 0.0139 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte10ft | cadmium | mg/kg | 15 | 39 | 38 | 0.0887 | 0.652 | 0.187 | 0.141 | 0.0099 | 0.0883 | 0.16 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 39 | 18 | 0.058 | 0.44 | 0.227 | 0.149 | 0.038 | 0.22 | 0.169 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte10ft | chrysene | mg/kg | 37 | 39 | 95 | 0.0092 | 2.8 | 0.351 | 0.582 | 0.22 | 0.22 | 0.736 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte10ft | cobalt | mg/kg | 39 | 39 | 100 | 6.23 | 11.2 | 8.36 | 1.115 | -- | -- | 8.661 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte10ft | copper | mg/kg | 39 | 39 | 100 | 7.89 | 20.9 | 13.83 | 3.844 | -- | -- | 14.97 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 39 | 26 | 0.0012 | 0.031 | 0.0106 | 0.00872 | 0.0007 | 0.13 | 0.00882 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte10ft | ethylbenzene | µg/kg | 22 | 39 | 56 | 0.2 | 2400 | 207.9 | 582.1 | 0.12 | 0.15 | 431.3 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 39 | 36 | 0.001 | 0.077 | 0.0162 | 0.0204 | 0.0035 | 0.17 | 0.0145 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 neptune ave | lte10ft | lead | mg/kg | 39 | 39 | 100 | 4.21 | 29.3 | 8.672 | 5.333 | -- | -- | 10.17 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte10ft | naphthalene | mg/kg | 38 | 39 | 97 | 0.0011 | 7.1 | 1.346 | 2.165 | 0.00032 | 0.00032 | 2.811 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte10ft | pyrene | mg/kg | 37 | 39 | 95 | 0.0078 | 6.3 | 0.666 | 1.363 | 0.016 | 0.16 | 1.565 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte10ft | toluene | µg/kg | 35 | 39 | 90 | 0.12 | 19 | 0.844 | 3.166 | 0.13 | 12 | 2.873 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte10ft | tph as diesel | mg/kg | 39 | 39 | 100 | 20 | 19000 | 3031 | 4490 | -- | -- | 4763 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 neptune ave | lte10ft | tph as gasoline | mg/kg | 30 | 39 | 77 | 0.054 | 800 | 173.7 | 241.7 | 0.048 | 0.058 | 290.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 neptune ave | lte10ft | tph as motor oil | mg/kg | 39 | 39 | 100 | 77 | 21000 | 3586 | 5003 | -- | -- | 5202 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24703 neptune ave | lte10ft | vanadium | mg/kg | 39 | 39 | 100 | 21.6 | 42.9 | 31.17 | 4.528 | -- | -- | 32.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 neptune ave | lte10ft | xylenes, total | µg/kg | 21 | 39 | 54 | 0.17 | 42 | 6.513 | 12.77 | 0.16 | 0.2 | 10.51 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 neptune ave | lte10ft | zinc | mg/kg | 39 | 39 | 100 | 24.6 | 75.4 | 38.23 | 10.45 | -- | -- | 40.95 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 22 | 68 | 1.3 | 1700 | 198.3 | 448.9 | 0.44 | 0.5 | 284.6 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 22 | 59 | 0.5 | 670 | 69.33 | 182.8 | 0.41 | 43 | 175.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 20 | 22 | 91 | 0.0015 | 3.9 | 0.556 | 0.97 | 0.02 | 0.039 | 1.379 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 20 | 22 | 91 | 0.0021 | 4.3 | 0.632 | 1.089 | 0.018 | 0.036 | 1.556 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | arsenic | mg/kg | 22 | 22 | 100 | 2.38 | 12.9 | 4.283 | 2.249 | -- | -- | 5.026 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | bap teq | mg/kg | 22 | 22 | 100 | 0.0085 | 1.041 | 0.24 | 0.304 | -- | -- | 0.392 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | benzene | µg/kg | 19 | 22 | 86 | 0.14 | 28 | 3.958 | 7.724 | 9.7 | 10 | 10.32 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 22 | 22 | 100 | 0.0079 | 0.91 | 0.21 | 0.231 | -- | -- | 0.322 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 22 | 22 | 100 | 0.0053 | 0.84 | 0.188 | 0.25 | -- | -- | 0.316 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 22 | 22 | 100 | 0.0055 | 0.33 | 0.0851 | 0.097 | -- | -- | 0.131 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 21 | 22 | 95 | 0.003 | 0.1 | 0.0315 | 0.0312 | 0.014 | 0.014 | 0.0591 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | chrysene | mg/kg | 22 | 22 | 100 | 0.018 | 2.1 | 0.521 | 0.548 | -- | -- | 0.792 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | cobalt | mg/kg | 22 | 22 | 100 | 4.98 | 10.6 | 6.964 | 1.085 | -- | -- | 7.36 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | copper | mg/kg | 22 | 22 | 100 | 7.6 | 16.6 | 10.66 | 2.409 | -- | -- | 11.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 20 | 22 | 91 | 0.0028 | 0.086 | 0.0282 | 0.0252 | 0.01 | 0.021 | 0.0495 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 16 | 22 | 73 | 0.58 | 650 | 54.15 | 159.8 | 0.11 | 0.13 | 168.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 22 | 100 | 0.0042 | 0.19 | 0.0553 | 0.0598 | -- | -- | 0.0849 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | lead | mg/kg | 22 | 22 | 100 | 3.41 | 88.6 | 15.44 | 19.17 | -- | -- | 23.53 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | naphthalene | mg/kg | 19 | 22 | 86 | 0.0017 | 3.7 | 0.465 | 0.908 | 0.00061 | 0.00069 | 1.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | pyrene | mg/kg | 22 | 22 | 100 | 0.019 | 2.3 | 0.515 | 0.62 | -- | -- | 0.829 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | tph as diesel | mg/kg | 22 | 22 | 100 | 30 | 3900 | 934.2 | 1024 | -- | -- | 1413 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 22 | 22 | 100 | 0.048 | 140 | 9.313 | 30.35 | -- | -- | 37.52 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 22 | 22 | 100 | 71 | 5600 | 1808 | 1566 | -- | -- | 2652 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | vanadium | mg/kg | 22 | 22 | 100 | 22.9 | 34.6 | 27.33 | 3.189 | -- | -- | 28.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | xylenes, total | µg/kg | 16 | 22 | 73 | 0.28 | 310 | 58.43 | 102.2 | 0.2 | 0.23 | 127.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | gt05lte10ft | zinc | mg/kg | 22 | 22 | 100 | 22.8 | 95.9 | 39.2 | 17.22 | -- | -- | 45.84 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 11 | 24 | 46 | 0.0014 | 0.015 | 0.00611 | 0.0045 | 0.001 | 0.04 | 0.00574 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 20 | 24 | 83 | 0.0014 | 0.058 | 0.0153 | 0.0133 | 0.0009 | 0.036 | 0.0188 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 1.28 | 9.27 | 4.064 | 2.101 | -- | -- | 4.892 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | bap teq | mg/kg | 24 | 24 | 100 | 0.0013 | 0.3 | 0.0415 | 0.061 | -- | -- | 0.0638 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | benzene | µg/kg | 17 | 24 | 71 | 0.11 | 2 | 0.378 | 0.48 | 0.1 | 0.11 | 0.454 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 23 | 24 | 96 | 0.0013 | 0.13 | 0.0359 | 0.0333 | 0.00078 | 0.00078 | 0.0641 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 24 | 24 | 100 | 0.00092 | 0.26 | 0.0307 | 0.0523 | -- | -- | 0.0484 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 24 | 24 | 100 | 0.00078 | 0.058 | 0.0165 | 0.0154 | -- | -- | 0.0237 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 15 | 24 | 63 | 0.00081 | 0.015 | 0.00581 | 0.0039 | 0.0007 | 0.028 | 0.00611 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | lte02ft | chrysene | mg/kg | 24 | 24 | 100 | 0.0015 | 0.41 | 0.0906 | 0.0949 | -- | -- | 0.14 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 5.49 | 9.07 | 6.709 | 0.806 | -- | -- | 6.991 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | lte02ft | copper | mg/kg | 24 | 24 | 100 | 6.04 | 19 | 10.65 | 3.391 | -- | -- | 11.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 19 | 24 | 79 | 0.0011 | 0.03 | 0.00962 | 0.00833 | 0.00052 | 0.021 | 0.0109 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 24 | 96 | 0.00063 | 0.052 | 0.0144 | 0.014 | 0.00053 | 0.00053 | 0.0263 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | lead | mg/kg | 24 | 24 | 100 | 2.57 | 24.2 | 8.3 | 6.883 | -- | -- | 10.9 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 panama ave | lte02ft | naphthalene | mg/kg | 10 | 24 | 42 | 0.0016 | 0.041 | 0.0121 | 0.0116 | 0.00061 | 0.00074 | 0.00921 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0012 | 0.29 | 0.0506 | 0.0614 | -- | -- | 0.0769 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte02ft | tph as diesel | mg/kg | 21 | 24 | 88 | 6.7 | 1100 | 116.5 | 263.1 | 4.8 | 4.8 | 324.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte02ft | tph as motor oil | mg/kg | 22 | 24 | 92 | 8.4 | 4600 | 436.1 | 1019 | 7 | 7 | 1275 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 17.6 | 33.2 | 24.86 | 3.661 | -- | -- | 26.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 18.8 | 86.4 | 36.23 | 16.58 | -- | -- | 42.24 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 23 | 40 | 58 | 0.0014 | 5.1 | 0.268 | 1.063 | 0.001 | 0.04 | 0.719 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 35 | 40 | 88 | 0.0014 | 6.5 | 0.234 | 1.097 | 0.0009 | 0.036 | 0.915 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte05ft | arsenic | mg/kg | 40 | 40 | 100 | 1.28 | 11.3 | 4.601 | 2.413 | -- | -- | 5.31 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte05ft | bap teq | mg/kg | 40 | 40 | 100 | 0.0013 | 0.719 | 0.103 | 0.184 | -- | -- | 0.218 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte05ft | benzene | µg/kg | 31 | 40 | 78 | 0.11 | 2 | 0.337 | 0.39 | 0.1 | 12 | 0.397 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 39 | 40 | 98 | 0.0013 | 0.64 | 0.0849 | 0.149 | 0.00078 | 0.00078 | 0.184 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 40 | 40 | 100 | 0.00092 | 0.64 | 0.0747 | 0.138 | -- | -- | 0.17 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 40 | 40 | 100 | 0.00078 | 0.52 | 0.0439 | 0.0905 | -- | -- | 0.0773 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 29 | 40 | 73 | 0.00081 | 0.37 | 0.0266 | 0.0694 | 0.0007 | 0.028 | 0.0616 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24703 panama ave | lte05ft | chrysene | mg/kg | 40 | 40 | 100 | 0.0015 | 1.7 | 0.216 | 0.378 | -- | -- | 0.477 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte05ft | cobalt | mg/kg | 40 | 40 | 100 | 5.42 | 11.8 | 6.956 | 1.113 | -- | -- | 7.24 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte05ft | copper | mg/kg | 40 | 40 | 100 | 6.04 | 20.3 | 11.07 | 3.337 | -- | -- | 11.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 34 | 40 | 85 | 0.0011 | 0.38 | 0.0271 | 0.0681 | 0.00052 | 0.021 | 0.0671 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte05ft | ethylbenzene | µg/kg | 6 | 40 | 15 | 0.12 | 500 | 84.52 | 203.6 | 0.12 | 0.14 | 71.68 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 39 | 40 | 98 | 0.00063 | 0.5 | 0.0364 | 0.0832 | 0.00053 | 0.00053 | 0.0922 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte05ft | lead | mg/kg | 40 | 40 | 100 | 2.08 | 41.6 | 9.383 | 9.388 | -- | -- | 15.85 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte05ft | naphthalene | mg/kg | 21 | 40 | 53 | 0.0016 | 2.4 | 0.146 | 0.521 | 0.00061 | 0.00077 | 0.342 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte05ft | pyrene | mg/kg | 40 | 40 | 100 | 0.0012 | 1.5 | 0.162 | 0.304 | -- | -- | 0.372 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte05ft | tph as diesel | mg/kg | 37 | 40 | 93 | 6.7 | 3200 | 354.6 | 742.3 | 4.8 | 4.8 | 824.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte05ft | tph as gasoline | mg/kg | 10 | 40 | 25 | 0.045 | 430 | 53.05 | 135.8 | 0.037 | 0.045 | 62.97 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte05ft | tph as motor oil | mg/kg | 38 | 40 | 95 | 8.4 | 5000 | 760.2 | 1256 | 7 | 7 | 1574 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte05ft | vanadium | mg/kg | 40 | 40 | 100 | 16.9 | 44.2 | 26.36 | 4.954 | -- | -- | 27.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | lte05ft | zinc | mg/kg | 40 | 40 | 100 | 18.8 | 315 | 42.42 | 46.33 | -- | -- | 55.82 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 62 | 29 | 1.3 | 1700 | 173.2 | 412.2 | 0.44 | 0.56 | 101.3 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 15 | 62 | 24 | 0.5 | 670 | 60.18 | 171 | 0.41 | 50 | 63.76 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 43 | 62 | 69 | 0.0014 | 5.1 | 0.402 | 1.019 | 0.001 | 0.04 | 0.761 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 55 | 62 | 89 | 0.0014 | 6.5 | 0.379 | 1.101 | 0.0009 | 0.036 | 0.915 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte10ft | arsenic | mg/kg | 62 | 62 | 100 | 1.28 | 12.9 | 4.488 | 2.343 | -- | -- | 5.044 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | bap teq | mg/kg | 62 | 62 | 100 | 0.0013 | 1.041 | 0.152 | 0.24 | -- | -- | 0.281 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | benzene | µg/kg | 50 | 62 | 81 | 0.11 | 28 | 1.713 | 5.016 | 0.1 | 12 | 3.947 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 61 | 62 | 98 | 0.0013 | 0.91 | 0.13 | 0.191 | 0.00078 | 0.00078 | 0.233 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 62 | 62 | 100 | 0.00092 | 0.84 | 0.115 | 0.192 | -- | -- | 0.221 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 62 | 62 | 100 | 0.00078 | 0.52 | 0.0585 | 0.0942 | -- | -- | 0.0935 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 50 | 62 | 81 | 0.00081 | 0.37 | 0.0287 | 0.0561 | 0.0007 | 0.028 | 0.0524 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | chrysene | mg/kg | 62 | 62 | 100 | 0.0015 | 2.1 | 0.324 | 0.465 | -- | -- | 0.715 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | cobalt | mg/kg | 62 | 62 | 100 | 4.98 | 11.8 | 6.958 | 1.094 | -- | -- | 7.181 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 panama ave | lte10ft | copper | mg/kg | 62 | 62 | 100 | 6.04 | 20.3 | 10.92 | 3.026 | -- | -- | 11.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 54 | 62 | 87 | 0.0011 | 0.38 | 0.0275 | 0.0558 | 0.00052 | 0.021 | 0.0536 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | ethylbenzene | µg/kg | 22 | 62 | 35 | 0.12 | 650 | 62.43 | 168.2 | 0.11 | 0.14 | 80.21 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 61 | 62 | 98 | 0.00063 | 0.5 | 0.0432 | 0.0756 | 0.00053 | 0.00053 | 0.0841 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | lead | mg/kg | 62 | 62 | 100 | 2.08 | 88.6 | 11.53 | 13.84 | -- | -- | 19.19 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte10ft | naphthalene | mg/kg | 40 | 62 | 65 | 0.0016 | 3.7 | 0.297 | 0.738 | 0.00061 | 0.00077 | 0.53 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte10ft | pyrene | mg/kg | 62 | 62 | 100 | 0.0012 | 2.3 | 0.287 | 0.469 | -- | -- | 0.644 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | tph as diesel | mg/kg | 59 | 62 | 95 | 6.7 | 3900 | 570.7 | 895.1 | 4.8 | 4.8 | 1032 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte10ft | tph as gasoline | mg/kg | 32 | 62 | 52 | 0.045 | 430 | 22.98 | 80.02 | 0.037 | 0.045 | 44.35 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 panama ave | lte10ft | tph as motor oil | mg/kg | 60 | 62 | 97 | 8.4 | 5600 | 1144 | 1456 | 7 | 7 | 1909 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 panama ave | lte10ft | vanadium | mg/kg | 62 | 62 | 100 | 16.9 | 44.2 | 26.7 | 4.406 | -- | -- | 27.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 panama ave | lte10ft | xylenes, total | µg/kg | 18 | 62 | 29 | 0.28 | 310 | 52 | 97.78 | 0.2 | 24 | 27.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 panama ave | lte10ft | zinc | mg/kg | 62 | 62 | 100 | 18.8 | 315 | 41.28 | 38.43 | -- | -- | 50.07 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 11 | 100 | 1.5 | 14000 | 5117 | 5020 | -- | -- | 12366 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 11 | 100 | 0.26 | 3600 | 735.5 | 1006 | -- | -- | 1811 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 11 | 100 | 5.3 | 140 | 35.66 | 37.34 | -- | -- | 59.92 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 7.7 | 220 | 55.7 | 58.66 | -- | -- | 94 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 1.87 | 3.71 | 2.497 | 0.574 | -- | -- | 2.811 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.132 | 2.722 | 0.784 | 0.832 | -- | -- | 1.392 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | benzene | µg/kg | 10 | 11 | 91 | 13 | 2100 | 714.2 | 724.3 | 45 | 45 | 1045 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 11 | 55 | 0.22 | 3.9 | 1.03 | 1.416 | 0.44 | 2.2 | 1.355 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | chrysene | mg/kg | 10 | 11 | 91 | 0.38 | 7.8 | 2.522 | 2.541 | 0.47 | 0.47 | 5.623 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 5.53 | 9.06 | 7.595 | 1.024 | -- | -- | 8.154 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 5.8 | 9.63 | 8.345 | 1.108 | -- | -- | 8.951 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 11 | 11 | 100 | 1.4 | 5300 | 2406 | 1696 | -- | -- | 3333 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 4.35 | 6.1 | 5.544 | 0.571 | -- | -- | 5.856 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 11 | 11 | 100 | 3.2 | 92 | 22.75 | 24.74 | -- | -- | 38.76 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.51 | 16 | 4.519 | 4.773 | -- | -- | 8.229 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | toluene | µg/kg | 6 | 11 | 55 | 0.64 | 280 | 84.44 | 104 | 12 | 61 | 99.82 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 11 | 11 | 100 | 4600 | 21000 | 12336 | 5668 | -- | -- | 15434 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 11 | 100 | 310 | 1300 | 719.1 | 333.4 | -- | -- | 901.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 3800 | 21000 | 11300 | 5587 | -- | -- | 14353 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24703 ravenna ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 25 | 32.4 | 29.06 | 2.342 | -- | -- | 30.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 11 | 11 | 100 | 2.6 | 12000 | 2732 | 3457 | -- | -- | 6564 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 22.7 | 34.9 | 27.51 | 3.439 | -- | -- | 29.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 26 | 19 | 0.11 | 0.48 | 0.318 | 0.153 | 0.09 | 0.13 | 0.4 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 17 | 26 | 65 | 0.0011 | 0.044 | 0.00996 | 0.0119 | 0.0011 | 0.021 | 0.0164 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 23 | 26 | 88 | 0.0026 | 0.079 | 0.0201 | 0.0193 | 0.0006 | 0.012 | 0.025 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte02ft | arsenic | mg/kg | 26 | 26 | 100 | 0.883 | 6.96 | 2.52 | 1.252 | -- | -- | 2.954 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte02ft | bap teq | mg/kg | 23 | 26 | 88 | 0.00561 | 0.075 | 0.0282 | 0.0185 | 0.00053 | 0.00053 | 0.0319 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte02ft | benzene | µg/kg | 17 | 26 | 65 | 0.12 | 0.35 | 0.161 | 0.0596 | 0.1 | 0.13 | 0.164 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 23 | 26 | 88 | 0.0066 | 0.074 | 0.0293 | 0.0185 | 0.0007 | 0.0007 | 0.033 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 23 | 26 | 88 | 0.0041 | 0.058 | 0.021 | 0.0139 | 0.0005 | 0.0005 | 0.024 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 21 | 26 | 81 | 0.0032 | 0.044 | 0.0129 | 0.00963 | 0.0004 | 0.007 | 0.0143 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 15 | 26 | 58 | 0.0013 | 0.042 | 0.00936 | 0.0111 | 0.0011 | 0.023 | 0.01 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 ravenna ave | lte02ft | chrysene | mg/kg | 23 | 26 | 88 | 0.018 | 0.26 | 0.0813 | 0.0581 | 0.0012 | 0.0012 | 0.0924 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte02ft | cobalt | mg/kg | 26 | 26 | 100 | 5.42 | 9.65 | 7.223 | 0.973 | -- | -- | 7.549 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte02ft | copper | mg/kg | 26 | 26 | 100 | 6.08 | 15.8 | 10.24 | 2.545 | -- | -- | 11.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 12 | 26 | 46 | 0.001 | 0.009 | 0.0037 | 0.00276 | 0.0007 | 0.013 | 0.00327 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 26 | 62 | 0.0011 | 0.014 | 0.00558 | 0.0038 | 0.0009 | 0.017 | 0.00544 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte02ft | lead | mg/kg | 26 | 26 | 100 | 3.6 | 16.4 | 7.366 | 3.238 | -- | -- | 8.511 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 ravenna ave | lte02ft | naphthalene | mg/kg | 21 | 26 | 81 | 0.00038 | 0.026 | 0.00783 | 0.00722 | 0.00025 | 0.00032 | 0.00925 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte02ft | pyrene | mg/kg | 24 | 26 | 92 | 0.0011 | 0.1 | 0.0414 | 0.0278 | 0.0008 | 0.0008 | 0.048 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte02ft | toluene | µg/kg | 9 | 26 | 35 | 0.12 | 0.35 | 0.181 | 0.0815 | 0.11 | 0.16 | 0.164 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte02ft | tph as diesel | mg/kg | 18 | 26 | 69 | 6.4 | 9700 | 624.5 | 2267 | 4.8 | 4.8 | 2066 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte02ft | tph as gasoline | mg/kg | 7 | 26 | 27 | 0.054 | 64 | 9.2 | 24.16 | 0.045 | 0.06 | 13.87 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte02ft | tph as motor oil | mg/kg | 20 | 26 | 77 | 7.2 | 8100 | 640.7 | 1776 | 7 | 7 | 1846 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte02ft | vanadium | mg/kg | 26 | 26 | 100 | 18.3 | 33.9 | 25.4 | 4.284 | -- | -- | 26.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte02ft | xylenes, total | µg/kg | 5 | 26 | 19 | 0.18 | 0.26 | 0.208 | 0.039 | 0.15 | 0.22 | 0.196 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte02ft | zinc | mg/kg | 26 | 26 | 100 | 20.3 | 52.4 | 30.62 | 7.754 | -- | -- | 33.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 42 | 29 | 0.11 | 6000 | 722.3 | 1798 | 0.09 | 10 | 892.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 28 | 42 | 67 | 0.0011 | 35 | 2.287 | 7.14 | 0.0011 | 0.021 | 5.515 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 36 | 42 | 86 | 0.0008 | 56 | 2.861 | 10.24 | 0.0006 | 0.012 | 8.868 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte05ft | arsenic | mg/kg | 42 | 42 | 100 | 0.883 | 9.93 | 3.319 | 2.248 | -- | -- | 4.83 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte05ft | bap teq | mg/kg | 38 | 42 | 90 | 0.000948 | 0.689 | 0.0752 | 0.135 | 0.00053 | 0.00053 | 0.156 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte05ft | benzene | µg/kg | 24 | 42 | 57 | 0.12 | 670 | 48.96 | 162.1 | 0.1 | 20 | 112.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 36 | 42 | 86 | 0.0009 | 1.2 | 0.101 | 0.219 | 0.0007 | 0.13 | 0.226 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 36 | 42 | 86 | 0.0006 | 0.44 | 0.0533 | 0.0924 | 0.0005 | 0.099 | 0.105 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 28 | 42 | 67 | 0.0032 | 0.21 | 0.0349 | 0.057 | 0.0004 | 0.07 | 0.0577 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 19 | 42 | 45 | 0.0013 | 0.17 | 0.0213 | 0.0394 | 0.0011 | 0.45 | 0.021 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte05ft | chrysene | mg/kg | 37 | 42 | 88 | 0.0019 | 2.2 | 0.226 | 0.417 | 0.0012 | 0.0012 | 0.467 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte05ft | cobalt | mg/kg | 42 | 42 | 100 | 5.42 | 9.65 | 7.71 | 1.07 | -- | -- | 8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte05ft | copper | mg/kg | 42 | 42 | 100 | 6.08 | 34.4 | 11.38 | 4.598 | -- | -- | 12.64 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 16 | 42 | 38 | 0.001 | 0.046 | 0.00904 | 0.0129 | 0.0007 | 0.27 | 0.00705 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 ravenna ave | lte05ft | ethylbenzene | µg/kg | 10 | 42 | 24 | 0.12 | 2900 | 680.8 | 974.6 | 0.12 | 14 | 309 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 42 | 48 | 0.0011 | 0.063 | 0.0122 | 0.018 | 0.0009 | 0.35 | 0.0117 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte05ft | lead | mg/kg | 42 | 42 | 100 | 3.6 | 36.3 | 7.75 | 5.217 | -- | -- | 9.193 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte05ft | naphthalene | mg/kg | 33 | 42 | 79 | 0.00038 | 24 | 1.222 | 4.388 | 0.00025 | 0.0019 | 3.599 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte05ft | pyrene | mg/kg | 38 | 42 | 90 | 0.0011 | 4.6 | 0.314 | 0.831 | 0.0008 | 0.0008 | 0.819 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte05ft | toluene | µg/kg | 13 | 42 | 31 | 0.12 | 130 | 10.18 | 36 | 0.11 | 62 | 17.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte05ft | tph as diesel | mg/kg | 31 | 42 | 74 | 5.8 | 9700 | 1288 | 2573 | 4.8 | 4.8 | 2488 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte05ft | tph as gasoline | mg/kg | 19 | 42 | 45 | 0.054 | 750 | 156.7 | 218.6 | 0.045 | 0.06 | 114.4 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 ravenna ave | lte05ft | tph as motor oil | mg/kg | 33 | 42 | 79 | 7.2 | 8100 | 1246 | 2215 | 7 | 7 | 2346 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte05ft | vanadium | mg/kg | 42 | 42 | 100 | 18.3 | 37.7 | 28.07 | 5.106 | -- | -- | 29.48 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte05ft | xylenes, total | µg/kg | 12 | 42 | 29 | 0.18 | 4800 | 463.8 | 1371 | 0.15 | 18 | 331.2 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 ravenna ave | lte05ft | zinc | mg/kg | 42 | 42 | 100 | 20.3 | 69.8 | 32.02 | 8.88 | -- | -- | 34.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 23 | 53 | 43 | 0.11 | 14000 | 2824 | 4256 | 0.09 | 10 | 1950 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 53 | 26 | 0.26 | 3600 | 687.7 | 919.2 | 0.075 | 15 | 312.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 39 | 53 | 74 | 0.0011 | 140 | 11.7 | 25.19 | 0.0011 | 0.021 | 21.92 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 47 | 53 | 89 | 0.0008 | 220 | 15.23 | 36.6 | 0.0006 | 0.012 | 34.34 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | arsenic | mg/kg | 53 | 53 | 100 | 0.883 | 9.93 | 3.148 | 2.04 | -- | -- | 4.369 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24703 ravenna ave | lte10ft | bap teq | mg/kg | 49 | 53 | 92 | 0.000948 | 2.722 | 0.234 | 0.498 | 0.00053 | 0.00053 | 0.506 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte10ft | benzene | µg/kg | 34 | 53 | 64 | 0.12 | 2100 | 244.6 | 506 | 0.1 | 45 | 409.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 42 | 53 | 79 | 0.0009 | 3.9 | 0.234 | 0.627 | 0.0007 | 2.2 | 0.534 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 39 | 53 | 74 | 0.0006 | 2 | 0.105 | 0.324 | 0.0005 | 2 | 0.254 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 30 | 53 | 57 | 0.0032 | 0.83 | 0.062 | 0.155 | 0.0004 | 1.4 | 0.115 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 20 | 53 | 38 | 0.0013 | 0.17 | 0.0226 | 0.0387 | 0.0011 | 2.6 | 0.0203 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte10ft | chrysene | mg/kg | 47 | 53 | 89 | 0.0019 | 7.8 | 0.714 | 1.517 | 0.0012 | 0.47 | 1.502 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte10ft | cobalt | mg/kg | 53 | 53 | 100 | 5.42 | 9.65 | 7.686 | 1.052 | -- | -- | 7.928 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte10ft | copper | mg/kg | 53 | 53 | 100 | 5.8 | 34.4 | 10.75 | 4.296 | -- | -- | 11.79 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 16 | 53 | 30 | 0.001 | 0.046 | 0.00904 | 0.0129 | 0.0007 | 2.7 | 0.00695 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24703 ravenna ave | lte10ft | ethylbenzene | µg/kg | 21 | 53 | 40 | 0.12 | 5300 | 1585 | 1627 | 0.12 | 14 | 1404 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 53 | 38 | 0.0011 | 0.063 | 0.0122 | 0.018 | 0.0009 | 3.5 | 0.0112 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte10ft | lead | mg/kg | 53 | 53 | 100 | 3.6 | 36.3 | 7.292 | 4.727 | -- | -- | 8.45 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | naphthalene | mg/kg | 44 | 53 | 83 | 0.00038 | 92 | 6.605 | 15.67 | 0.00025 | 0.0019 | 14.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | pyrene | mg/kg | 49 | 53 | 92 | 0.0011 | 16 | 1.258 | 2.902 | 0.0008 | 0.0008 | 2.846 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte10ft | toluene | µg/kg | 19 | 53 | 36 | 0.12 | 280 | 33.63 | 71.59 | 0.11 | 62 | 39.84 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | tph as diesel | mg/kg | 42 | 53 | 79 | 5.8 | 21000 | 4182 | 6070 | 4.8 | 4.8 | 6709 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | tph as gasoline | mg/kg | 30 | 53 | 57 | 0.054 | 1300 | 362.9 | 379.4 | 0.045 | 0.06 | 408.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24703 ravenna ave | lte10ft | tph as motor oil | mg/kg | 44 | 53 | 83 | 7.2 | 21000 | 3760 | 5505 | 7 | 7 | 6244 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24703 ravenna ave | lte10ft | vanadium | mg/kg | 53 | 53 | 100 | 18.3 | 37.7 | 28.27 | 4.666 | -- | -- | 29.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24703 ravenna ave | lte10ft | xylenes, total | µg/kg | 23 | 53 | 43 | 0.18 | 12000 | 1549 | 2777 | 0.15 | 18 | 1130 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24703 ravenna ave | lte10ft | zinc | mg/kg | 53 | 53 | 100 | 20.3 | 69.8 | 31.08 | 8.238 | -- | -- | 33.04 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 11 | 82 | 11 | 6500 | 1152 | 2255 | 0.1 | 0.11 | 3694 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 11 | 45 | 3.7 | 2700 | 1033 | 1389 | 0.088 | 17 | 1072 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 11 | 91 | 0.0023 | 56 | 19.45 | 16.11 | 0.0011 | 0.0011 | 26.67 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 0.0008 | 89 | 27.7 | 27.15 | -- | -- | 42.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 2.89 | 7.83 | 4.597 | 1.714 | -- | -- | 5.639 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | bap teq | mg/kg | 9 | 11 | 82 | 0.00217 | 1.164 | 0.458 | 0.414 | 0.103 | 0.411 | 0.608 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 11 | 73 | 0.0011 | 1.6 | 0.617 | 0.552 | 0.13 | 0.52 | 0.763 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 11 | 64 | 0.0017 | 0.9 | 0.392 | 0.326 | 0.099 | 0.39 | 0.475 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 11 | 45 | 0.0009 | 0.2 | 0.0945 | 0.0897 | 0.07 | 0.28 | 0.14 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | chrysene | mg/kg | 9 | 11 | 82 | 0.0046 | 3.4 | 1.384 | 1.184 | 0.22 | 0.95 | 1.811 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 3.08 | 8.81 | 6.263 | 1.702 | -- | -- | 7.193 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 3.6 | 10.7 | 8.817 | 2.153 | -- | -- | 10.44 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 11 | 11 | 100 | 0.21 | 18000 | 5142 | 7167 | -- | -- | 18000 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 2.55 | 12.6 | 5.467 | 2.917 | -- | -- | 7.263 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | naphthalene | mg/kg | 10 | 11 | 91 | 0.0017 | 34 | 11.3 | 10.72 | 0.00029 | 0.00029 | 16.16 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | pyrene | mg/kg | 10 | 11 | 91 | 0.0053 | 5.4 | 2.4 | 2.152 | 0.16 | 0.16 | 3.372 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 11 | 91 | 18 | 20000 | 10502 | 5996 | 4.8 | 4.8 | 13123 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 11 | 91 | 0.18 | 2400 | 948.1 | 907.4 | 0.044 | 0.044 | 1360 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 11 | 91 | 40 | 17000 | 9984 | 5078 | 7 | 7 | 12197 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 13.2 | 29.9 | 24.77 | 4.98 | -- | -- | 27.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 9 | 11 | 82 | 6.5 | 4700 | 1054 | 1879 | 0.18 | 0.18 | 3167 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 15.6 | 43.8 | 30.45 | 7.433 | -- | -- | 34.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 20 | 75 | 0.002 | 0.026 | 0.00809 | 0.00672 | 0.003 | 0.012 | 0.00925 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte02ft | antimony | mg/kg | 6 | 20 | 30 | 0.355 | 1.12 | 0.616 | 0.272 | 0.306 | 0.306 | 0.584 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 5.03 | 11.5 | 6.89 | 1.722 | -- | -- | 7.553 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 marbella ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00378 | 0.069 | 0.0216 | 0.0184 | -- | -- | 0.0296 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 marbella ave | lte02ft | benzene | µg/kg | 17 | 20 | 85 | 0.12 | 0.5 | 0.245 | 0.105 | 0.11 | 0.19 | 0.272 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 18 | 20 | 90 | 0.003 | 0.042 | 0.0159 | 0.0126 | 0.0065 | 0.013 | 0.0269 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 20 | 20 | 100 | 0.0027 | 0.054 | 0.0159 | 0.0139 | -- | -- | 0.0219 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 20 | 90 | 0.0021 | 0.047 | 0.00999 | 0.0104 | 0.0035 | 0.007 | 0.0191 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 20 | 40 | 0.0011 | 0.025 | 0.00846 | 0.00783 | 0.0045 | 0.023 | 0.00869 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte02ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0058 | 0.11 | 0.0377 | 0.034 | -- | -- | 0.0635 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 7.78 | 12.9 | 10.1 | 1.313 | -- | -- | 10.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 12.1 | 23.8 | 18.43 | 3.433 | -- | -- | 19.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 20 | 40 | 0.0008 | 0.015 | 0.00558 | 0.00578 | 0.0027 | 0.013 | 0.00513 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 20 | 55 | 0.0012 | 0.027 | 0.00908 | 0.00865 | 0.0035 | 0.017 | 0.00949 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 6.88 | 18.2 | 9.981 | 3.145 | -- | -- | 11.2 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24706 marbella ave | lte02ft | naphthalene | mg/kg | 9 | 20 | 45 | 0.0009 | 0.035 | 0.00823 | 0.0107 | 0.00026 | 0.00046 | 0.00735 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0044 | 0.16 | 0.0349 | 0.0412 | -- | -- | 0.0525 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte02ft | toluene | µg/kg | 19 | 20 | 95 | 0.14 | 1.6 | 0.654 | 0.426 | 0.12 | 0.12 | 0.795 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte02ft | tph as diesel | mg/kg | 19 | 20 | 95 | 9.3 | 360 | 108.4 | 93.22 | 4.8 | 4.8 | 194.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte02ft | tph as gasoline | mg/kg | 11 | 20 | 55 | 0.066 | 0.43 | 0.218 | 0.135 | 0.045 | 0.091 | 0.203 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte02ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 44 | 1300 | 361.2 | 313.6 | -- | -- | 514.2 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 29.4 | 42.3 | 36.26 | 3.438 | -- | -- | 37.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 32.8 | 145 | 49.87 | 23.35 | -- | -- | 59.65 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 32 | 22 | 0.49 | 1100 | 245.7 | 394.6 | 0.094 | 19 | 118.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 32 | 19 | 0.087 | 330 | 78.41 | 127 | 0.079 | 16 | 34.07 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 32 | 47 | 0.0013 | 34 | 6.234 | 10.83 | 0.0011 | 0.021 | 9.151 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 26 | 32 | 81 | 0.002 | 54 | 5.245 | 13.68 | 0.003 | 0.012 | 13.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte05ft | antimony | mg/kg | 15 | 32 | 47 | 0.316 | 1.12 | 0.622 | 0.245 | 0.306 | 0.306 | 0.541 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte05ft | arsenic | mg/kg | 32 | 32 | 100 | 3.21 | 11.5 | 6.016 | 1.876 | -- | -- | 6.598 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte05ft | bap teq | mg/kg | 32 | 32 | 100 | 0.00378 | 1.428 | 0.11 | 0.256 | -- | -- | 0.197 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte05ft | benzene | µg/kg | 24 | 32 | 75 | 0.12 | 47 | 4.601 | 12.31 | 0.11 | 22 | 11.84 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 29 | 32 | 91 | 0.003 | 1.9 | 0.154 | 0.366 | 0.0065 | 0.013 | 0.411 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 31 | 32 | 97 | 0.0027 | 1.1 | 0.0782 | 0.199 | 0.2 | 0.2 | 0.228 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 27 | 32 | 84 | 0.0021 | 0.21 | 0.03 | 0.0477 | 0.0035 | 0.14 | 0.0609 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 12 | 32 | 38 | 0.0011 | 0.042 | 0.0142 | 0.0126 | 0.0045 | 0.45 | 0.0127 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte05ft | chrysene | mg/kg | 32 | 32 | 100 | 0.0058 | 3.1 | 0.296 | 0.602 | -- | -- | 0.76 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 3.23 | 12.9 | 9.107 | 1.99 | -- | -- | 9.704 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte05ft | copper | mg/kg | 32 | 32 | 100 | 4.37 | 23.8 | 15.57 | 5.064 | -- | -- | 17.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 32 | 38 | 0.0008 | 0.025 | 0.00963 | 0.00847 | 0.0027 | 0.27 | 0.00833 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte05ft | ethylbenzene | µg/kg | 9 | 32 | 28 | 0.25 | 5900 | 929.3 | 1892 | 0.12 | 0.22 | 590.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 32 | 47 | 0.0012 | 0.027 | 0.0104 | 0.00782 | 0.0035 | 0.35 | 0.0101 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte05ft | lead | mg/kg | 32 | 32 | 100 | 2.82 | 18.2 | 8.972 | 3.173 | -- | -- | 9.988 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte05ft | naphthalene | mg/kg | 21 | 32 | 66 | 0.0009 | 24 | 2.142 | 5.553 | 0.00026 | 0.00046 | 4.964 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte05ft | pyrene | mg/kg | 32 | 32 | 100 | 0.0044 | 6.8 | 0.58 | 1.372 | -- | -- | 1.638 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte05ft | toluene | µg/kg | 24 | 32 | 75 | 0.14 | 19 | 1.349 | 3.782 | 0.12 | 25 | 3.877 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte05ft | tph as diesel | mg/kg | 31 | 32 | 97 | 9.3 | 18000 | 1618 | 3590 | 4.8 | 4.8 | 4299 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte05ft | tph as gasoline | mg/kg | 23 | 32 | 72 | 0.066 | 1000 | 95.47 | 231.4 | 0.045 | 0.091 | 223.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte05ft | tph as motor oil | mg/kg | 32 | 32 | 100 | 44 | 15000 | 1701 | 3033 | -- | -- | 4028 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 13.1 | 42.3 | 33.31 | 5.969 | -- | -- | 35.1 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte05ft | xylenes, total | µg/kg | 8 | 32 | 25 | 0.19 | 310 | 78.82 | 103 | 0.16 | 34 | 38.75 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 16.4 | 145 | 43.13 | 20.82 | -- | -- | 49.8 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 43 | 37 | 0.49 | 6500 | 755.4 | 1729 | 0.094 | 19 | 1026 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 43 | 26 | 0.087 | 2700 | 512.4 | 1014 | 0.079 | 17 | 275.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 25 | 43 | 58 | 0.0013 | 56 | 11.52 | 14.47 | 0.0011 | 0.021 | 14.98 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 37 | 43 | 86 | 0.0008 | 89 | 11.92 | 21.05 | 0.003 | 0.012 | 23.53 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte10ft | antimony | mg/kg | 17 | 43 | 40 | 0.316 | 1.13 | 0.67 | 0.268 | 0.306 | 0.306 | 0.532 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte10ft | arsenic | mg/kg | 43 | 43 | 100 | 2.89 | 11.5 | 5.653 | 1.92 | -- | -- | 6.165 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte10ft | bap teq | mg/kg | 41 | 43 | 95 | 0.00217 | 1.428 | 0.186 | 0.326 | 0.103 | 0.411 | 0.393 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte10ft | benzene | µg/kg | 28 | 43 | 65 | 0.12 | 190 | 10.86 | 36.92 | 0.11 | 240 | 27.97 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 43 | 86 | 0.0011 | 1.9 | 0.254 | 0.448 | 0.0065 | 0.52 | 0.504 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 38 | 43 | 88 | 0.0017 | 1.1 | 0.136 | 0.254 | 0.099 | 0.39 | 0.285 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 32 | 43 | 74 | 0.0009 | 0.21 | 0.04 | 0.0593 | 0.0035 | 0.28 | 0.071 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 13 | 43 | 30 | 0.0011 | 0.16 | 0.0254 | 0.0422 | 0.0011 | 0.9 | 0.0211 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 43 | 12 | 0.25 | 0.89 | 0.428 | 0.269 | 0.16 | 6.6 | 0.316 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte10ft | chrysene | mg/kg | 41 | 43 | 95 | 0.0046 | 3.4 | 0.535 | 0.877 | 0.22 | 0.95 | 1.088 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte10ft | cobalt | mg/kg | 43 | 43 | 100 | 3.08 | 12.9 | 8.38 | 2.278 | -- | -- | 8.964 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte10ft | copper | mg/kg | 43 | 43 | 100 | 3.6 | 23.8 | 13.85 | 5.378 | -- | -- | 15.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 43 | 33 | 0.0008 | 0.088 | 0.0184 | 0.0245 | 0.0007 | 0.54 | 0.0145 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte10ft | ethylbenzene | µg/kg | 20 | 43 | 47 | 0.21 | 18000 | 3246 | 5759 | 0.12 | 0.22 | 2604 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 43 | 40 | 0.0012 | 0.12 | 0.0163 | 0.0278 | 0.0009 | 0.69 | 0.0167 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte10ft | lead | mg/kg | 43 | 43 | 100 | 2.55 | 18.2 | 8.076 | 3.442 | -- | -- | 9.051 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 marbella ave | lte10ft | naphthalene | mg/kg | 31 | 43 | 72 | 0.0009 | 34 | 5.096 | 8.6 | 0.00026 | 0.00046 | 8.768 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte10ft | pyrene | mg/kg | 42 | 43 | 98 | 0.0044 | 6.8 | 1.014 | 1.748 | 0.16 | 0.16 | 2.143 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte10ft | toluene | µg/kg | 28 | 43 | 65 | 0.14 | 200 | 8.338 | 37.73 | 0.12 | 260 | 26.69 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24706 marbella ave | lte10ft | tph as diesel | mg/kg | 41 | 43 | 95 | 9.3 | 20000 | 3784 | 5716 | 4.8 | 4.8 | 7358 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte10ft | tph as gasoline | mg/kg | 33 | 43 | 77 | 0.066 | 2400 | 353.8 | 653.2 | 0.044 | 0.091 | 665.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte10ft | tph as motor oil | mg/kg | 42 | 43 | 98 | 40 | 17000 | 3673 | 5036 | 7 | 7 | 6918 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 marbella ave | lte10ft | vanadium | mg/kg | 43 | 43 | 100 | 13.1 | 42.3 | 31.13 | 6.813 | -- | -- | 32.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 marbella ave | lte10ft | xylenes, total | µg/kg | 17 | 43 | 40 | 0.19 | 4700 | 595 | 1422 | 0.16 | 34 | 862.1 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 marbella ave | lte10ft | zinc | mg/kg | 43 | 43 | 100 | 15.6 | 145 | 39.89 | 19.09 | -- | -- | 44.06 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 8 | 75 | 0.12 | 0.59 | 0.297 | 0.186 | 0.092 | 0.096 | 0.374 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 3.46 | 7.18 | 5.383 | 1.089 | -- | -- | 6.112 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00235 | 0.0359 | 0.00979 | 0.0123 | -- | -- | 0.0359 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 8 | 88 | 0.0011 | 0.042 | 0.0122 | 0.0153 | 0.0013 | 0.0013 | 0.0336 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.0018 | 0.026 | 0.008 | 0.00942 | 0.0025 | 0.0025 | 0.0212 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.0031 | 0.11 | 0.0304 | 0.0389 | -- | -- | 0.0811 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.4 | 8.59 | 6.991 | 1.319 | -- | -- | 7.875 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 7.61 | 8.56 | 8.081 | 0.338 | -- | -- | 8.307 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 3.74 | 6.29 | 5.095 | 0.799 | -- | -- | 5.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.0022 | 0.1 | 0.0259 | 0.0347 | -- | -- | 0.0703 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 6 | 8 | 75 | 11 | 180 | 75.5 | 74.66 | 4.8 | 4.8 | 107.3 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 6 | 8 | 75 | 20 | 380 | 160.2 | 165.3 | 7 | 7 | 368.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 22.3 | 36 | 30.08 | 4.614 | -- | -- | 33.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 8 | 75 | 0.2 | 0.96 | 0.533 | 0.367 | 0.16 | 0.17 | 0.688 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 26 | 33.8 | 30.25 | 2.721 | -- | -- | 32.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 14 | 43 | 0.26 | 0.4 | 0.323 | 0.0489 | 0.1 | 0.12 | 0.327 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 5 | 14 | 36 | 0.0064 | 0.064 | 0.0257 | 0.0255 | 0.0048 | 0.12 | 0.0279 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 2.12 | 13.6 | 5.828 | 3.648 | -- | -- | 7.857 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00563 | 0.888 | 0.138 | 0.237 | -- | -- | 0.301 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte02ft | benzene | µg/kg | 11 | 14 | 79 | 0.12 | 0.65 | 0.307 | 0.175 | 0.12 | 0.14 | 0.35 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 14 | 86 | 0.015 | 0.56 | 0.089 | 0.154 | 0.013 | 0.13 | 0.249 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 14 | 71 | 0.0094 | 0.7 | 0.145 | 0.21 | 0.0039 | 0.0099 | 0.326 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 14 | 43 | 0.0087 | 0.47 | 0.144 | 0.172 | 0.0028 | 0.07 | 0.143 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.026 | 1.1 | 0.21 | 0.296 | -- | -- | 0.554 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.19 | 9.09 | 7.712 | 0.959 | -- | -- | 8.166 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 6.41 | 18.8 | 12.99 | 3.527 | -- | -- | 14.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 14 | 36 | 0.018 | 0.4 | 0.129 | 0.158 | 0.0069 | 0.17 | 0.133 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 5.94 | 52.4 | 19.01 | 16.38 | -- | -- | 38.09 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.017 | 2.5 | 0.311 | 0.665 | -- | -- | 1.086 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte02ft | toluene | µg/kg | 12 | 14 | 86 | 0.14 | 0.47 | 0.215 | 0.094 | 0.13 | 0.15 | 0.249 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 27 | 2200 | 532.7 | 655.3 | -- | -- | 1029 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 150 | 4300 | 1426 | 1385 | -- | -- | 2439 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 19.5 | 40 | 28.17 | 5.757 | -- | -- | 30.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | xylenes, total | µg/kg | 5 | 14 | 36 | 0.17 | 0.5 | 0.344 | 0.119 | 0.17 | 0.21 | 0.374 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 24.1 | 63.8 | 46.14 | 9.876 | -- | -- | 50.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 25 | 48 | 0.22 | 0.72 | 0.343 | 0.147 | 0.095 | 11 | 0.324 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 10 | 25 | 40 | 0.0037 | 0.064 | 0.0224 | 0.0186 | 0.003 | 0.12 | 0.0198 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 2.12 | 13.6 | 4.8 | 3.008 | -- | -- | 7.423 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.00563 | 0.888 | 0.133 | 0.209 | -- | -- | 0.219 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte05ft | benzene | µg/kg | 19 | 25 | 76 | 0.12 | 0.73 | 0.315 | 0.207 | 0.11 | 12 | 0.342 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 23 | 25 | 92 | 0.0056 | 0.56 | 0.103 | 0.153 | 0.013 | 0.13 | 0.227 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 21 | 25 | 84 | 0.0056 | 0.7 | 0.119 | 0.174 | 0.0039 | 0.0099 | 0.245 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 11 | 25 | 44 | 0.0054 | 0.47 | 0.128 | 0.148 | 0.0007 | 0.07 | 0.0998 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.021 | 1.8 | 0.288 | 0.416 | -- | -- | 0.457 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 ravenna ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 5.65 | 9.46 | 7.403 | 1.074 | -- | -- | 7.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 6.41 | 18.8 | 11.31 | 3.328 | -- | -- | 12.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte05ft | ethylbenzene | µg/kg | 6 | 25 | 24 | 0.13 | 0.26 | 0.165 | 0.0476 | 0.12 | 14 | 0.16 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 25 | 36 | 0.0023 | 0.4 | 0.0818 | 0.126 | 0.0043 | 0.17 | 0.0627 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 4.09 | 65 | 17.56 | 16.69 | -- | -- | 32.11 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte05ft | naphthalene | mg/kg | 5 | 25 | 20 | 0.00029 | 0.034 | 0.0108 | 0.0147 | 0.00025 | 0.00033 | 0.00724 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte05ft | pyrene | mg/kg | 25 | 25 | 100 | 0.017 | 3.2 | 0.419 | 0.793 | -- | -- | 1.111 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte05ft | toluene | µg/kg | 18 | 25 | 72 | 0.14 | 0.47 | 0.213 | 0.0846 | 0.12 | 14 | 0.223 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte05ft | tph as diesel | mg/kg | 25 | 25 | 100 | 27 | 4600 | 700.6 | 980 | -- | -- | 1091 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24706 ravenna ave | lte05ft | tph as gasoline | mg/kg | 8 | 25 | 32 | 0.073 | 0.29 | 0.144 | 0.0845 | 0.046 | 0.056 | 0.116 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte05ft | tph as motor oil | mg/kg | 25 | 25 | 100 | 79 | 7900 | 1570 | 1795 | -- | -- | 2298 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 19.5 | 40 | 26.36 | 5.097 | -- | -- | 28.13 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte05ft | xylenes, total | µg/kg | 11 | 25 | 44 | 0.17 | 20 | 2.175 | 5.913 | 0.16 | 0.21 | 3.404 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 23.1 | 63.8 | 40.72 | 11.04 | -- | -- | 44.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 33 | 55 | 0.12 | 0.72 | 0.327 | 0.157 | 0.092 | 11 | 0.296 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 14 | 33 | 42 | 0.0014 | 0.064 | 0.0188 | 0.0172 | 0.0006 | 0.12 | 0.0154 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 2.12 | 13.6 | 4.941 | 2.667 | -- | -- | 5.711 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 ravenna ave | lte10ft | bap teq | mg/kg | 33 | 33 | 100 | 0.00235 | 0.888 | 0.103 | 0.189 | -- | -- | 0.247 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 ravenna ave | lte10ft | benzene | µg/kg | 22 | 33 | 67 | 0.12 | 0.73 | 0.306 | 0.196 | 0.11 | 12 | 0.304 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 30 | 33 | 91 | 0.0011 | 0.56 | 0.0819 | 0.139 | 0.0013 | 0.13 | 0.178 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 28 | 33 | 85 | 0.0018 | 0.7 | 0.0913 | 0.157 | 0.0025 | 0.0099 | 0.191 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 33 | 39 | 0.0015 | 0.47 | 0.109 | 0.143 | 0.0004 | 0.07 | 0.0752 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte10ft | chrysene | mg/kg | 33 | 33 | 100 | 0.0031 | 1.8 | 0.226 | 0.378 | -- | -- | 0.353 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 ravenna ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 5.4 | 9.46 | 7.303 | 1.13 | -- | -- | 7.636 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 6.41 | 18.8 | 10.53 | 3.211 | -- | -- | 11.5 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte10ft | ethylbenzene | µg/kg | 9 | 33 | 27 | 0.13 | 3.8 | 0.78 | 1.284 | 0.12 | 14 | 0.588 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 33 | 33 | 0.0009 | 0.4 | 0.0672 | 0.117 | 0.0009 | 0.17 | 0.0467 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 3.74 | 65 | 14.54 | 15.44 | -- | -- | 26.26 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte10ft | naphthalene | mg/kg | 9 | 33 | 27 | 0.00029 | 0.046 | 0.0119 | 0.017 | 0.00025 | 0.00033 | 0.00654 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte10ft | pyrene | mg/kg | 33 | 33 | 100 | 0.0022 | 3.2 | 0.324 | 0.708 | -- | -- | 0.861 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24706 ravenna ave | lte10ft | toluene | µg/kg | 22 | 33 | 67 | 0.13 | 0.47 | 0.226 | 0.0979 | 0.12 | 14 | 0.225 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24706 ravenna ave | lte10ft | tph as diesel | mg/kg | 31 | 33 | 94 | 11 | 4600 | 579.6 | 912.3 | 4.8 | 4.8 | 1224 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte10ft | tph as gasoline | mg/kg | 12 | 33 | 36 | 0.069 | 0.43 | 0.161 | 0.11 | 0.046 | 0.056 | 0.126 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte10ft | tph as motor oil | mg/kg | 31 | 33 | 94 | 20 | 7900 | 1297 | 1704 | 7 | 7 | 2494 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24706 ravenna ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 19.5 | 40 | 27.26 | 5.172 | -- | -- | 28.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24706 ravenna ave | lte10ft | xylenes, total | µg/kg | 17 | 33 | 52 | 0.17 | 20 | 1.595 | 4.749 | 0.16 | 0.21 | 3.55 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24706 ravenna ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 23.1 | 63.8 | 38.18 | 10.67 | -- | -- | 41.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 9 | 100 | 0.11 | 0.51 | 0.291 | 0.123 | -- | -- | 0.367 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 9 | 56 | 0.12 | 0.26 | 0.17 | 0.0574 | 0.081 | 0.085 | 0.191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 4.92 | 11.2 | 7.801 | 2.192 | -- | -- | 9.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 6.11 | 7.86 | 7.034 | 0.638 | -- | -- | 7.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 8.96 | 15.8 | 12.07 | 2.344 | -- | -- | 13.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 9 | 9 | 100 | 0.44 | 4.6 | 2.323 | 1.221 | -- | -- | 3.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 2.99 | 5.29 | 4.054 | 0.704 | -- | -- | 4.491 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | thallium | mg/kg | 6 | 9 | 67 | 0.236 | 0.538 | 0.383 | 0.105 | 0.232 | 0.232 | 0.422 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 23.3 | 38.6 | 31.42 | 5.165 | -- | -- | 34.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 9 | 9 | 100 | 0.83 | 7 | 3.637 | 1.816 | -- | -- | 4.762 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 33.9 | 45 | 37.79 | 4.013 | -- | -- | 40.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 18 | 94 | 0.099 | 0.93 | 0.306 | 0.21 | 0.1 | 0.1 | 0.38 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte02ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 18 | 50 | 0.09 | 0.16 | 0.124 | 0.024 | 0.079 | 0.096 | 0.122 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 18 | 61 | 0.0007 | 0.017 | 0.00518 | 0.00562 | 0.0006 | 0.012 | 0.00572 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 3.28 | 7.93 | 5.833 | 1.041 | -- | -- | 6.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte02ft | bap teq | mg/kg | 15 | 18 | 83 | 0.000647 | 0.0376 | 0.0114 | 0.013 | 0.00053 | 0.00053 | 0.0226 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte02ft | benzene | µg/kg | 6 | 18 | 33 | 0.14 | 0.55 | 0.308 | 0.186 | 0.11 | 0.12 | 0.253 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 8 | 18 | 44 | 0.0012 | 0.028 | 0.0105 | 0.0103 | 0.0007 | 0.013 | 0.00917 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 18 | 72 | 0.0009 | 0.029 | 0.00958 | 0.0107 | 0.0005 | 0.0099 | 0.0175 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 18 | 67 | 0.0006 | 0.022 | 0.0058 | 0.00637 | 0.0004 | 0.007 | 0.00656 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte02ft | chrysene | mg/kg | 14 | 18 | 78 | 0.0014 | 0.078 | 0.0218 | 0.0233 | 0.0012 | 0.0012 | 0.0402 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 6.99 | 13.1 | 10.23 | 1.945 | -- | -- | 11.13 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24707 marbella ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 8.94 | 26 | 17.31 | 5.468 | -- | -- | 19.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte02ft | ethylbenzene | µg/kg | 18 | 18 | 100 | 1.1 | 3.4 | 2.022 | 0.781 | -- | -- | 2.342 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 18 | 39 | 0.0012 | 0.0098 | 0.00501 | 0.00308 | 0.0009 | 0.017 | 0.00477 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 5.42 | 29.9 | 11.38 | 7.201 | -- | -- | 18.78 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24707 marbella ave | lte02ft | pyrene | mg/kg | 16 | 18 | 89 | 0.0011 | 0.044 | 0.0115 | 0.013 | 0.0008 | 0.0008 | 0.0234 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte02ft | toluene | µg/kg | 5 | 18 | 28 | 0.14 | 1.2 | 0.468 | 0.43 | 0.12 | 0.14 | 0.473 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte02ft | tph as diesel | mg/kg | 13 | 18 | 72 | 7 | 770 | 102.3 | 202.8 | 4.8 | 4.8 | 258.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24707 marbella ave | lte02ft | tph as motor oil | mg/kg | 13 | 18 | 72 | 38 | 2300 | 349.4 | 600.4 | 7 | 7 | 807.9 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 27.7 | 47.9 | 37.93 | 5.659 | -- | -- | 40.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24707 marbella ave | lte02ft | xylenes, total | µg/kg | 18 | 18 | 100 | 1.5 | 5.2 | 3.056 | 1.277 | -- | -- | 3.579 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 27.2 | 58.3 | 46.63 | 9.983 | -- | -- | 51.31 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 27 | 28 | 96 | 0.099 | 0.93 | 0.297 | 0.176 | 0.1 | 0.1 | 0.347 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 28 | 50 | 0.088 | 0.16 | 0.123 | 0.0239 | 0.079 | 0.096 | 0.116 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 28 | 43 | 0.0007 | 0.077 | 0.0112 | 0.0214 | 0.0006 | 0.012 | 0.0101 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte05ft | arsenic | mg/kg | 28 | 28 | 100 | 3.28 | 7.93 | 5.543 | 1.147 | -- | -- | 5.912 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte05ft | bap teq | mg/kg | 18 | 28 | 64 | 0.000647 | 0.0779 | 0.014 | 0.0201 | 0.00053 | 0.00053 | 0.0155 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte05ft | benzene | µg/kg | 7 | 28 | 25 | 0.12 | 0.55 | 0.281 | 0.184 | 0.11 | 0.12 | 0.199 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 10 | 28 | 36 | 0.0012 | 0.057 | 0.0144 | 0.0177 | 0.0007 | 0.013 | 0.00995 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 16 | 28 | 57 | 0.0007 | 0.061 | 0.0117 | 0.0165 | 0.0005 | 0.0099 | 0.0118 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 28 | 50 | 0.0006 | 0.036 | 0.00761 | 0.0101 | 0.0004 | 0.007 | 0.00672 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 8 | 28 | 29 | 0.23 | 0.39 | 0.318 | 0.0607 | 0.22 | 0.22 | 0.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte05ft | chrysene | mg/kg | 16 | 28 | 57 | 0.0014 | 0.078 | 0.0226 | 0.024 | 0.0012 | 0.0012 | 0.0208 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 5.31 | 13.1 | 9.023 | 2.343 | -- | -- | 9.777 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte05ft | copper | mg/kg | 28 | 28 | 100 | 5.98 | 26 | 14.29 | 6.236 | -- | -- | 16.56 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte05ft | ethylbenzene | µg/kg | 28 | 28 | 100 | 0.89 | 3.5 | 2.06 | 0.793 | -- | -- | 2.316 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 28 | 25 | 0.0012 | 0.0098 | 0.00501 | 0.00308 | 0.0009 | 0.017 | 0.00422 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte05ft | lead | mg/kg | 28 | 28 | 100 | 3.27 | 29.9 | 8.835 | 6.756 | -- | -- | 14.4 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24707 marbella ave | lte05ft | naphthalene | mg/kg | 5 | 28 | 18 | 0.00064 | 0.038 | 0.0109 | 0.0156 | 0.00026 | 0.0003 | 0.00501 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte05ft | pyrene | mg/kg | 23 | 28 | 82 | 0.0009 | 0.83 | 0.0447 | 0.172 | 0.0008 | 0.0008 | 0.166 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24707 marbella ave | lte05ft | toluene | µg/kg | 5 | 28 | 18 | 0.14 | 1.2 | 0.468 | 0.43 | 0.12 | 0.14 | 0.457 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte05ft | tph as diesel | mg/kg | 14 | 28 | 50 | 7 | 1400 | 195 | 397.8 | 4.8 | 4.8 | 219.7 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24707 marbella ave | lte05ft | tph as motor oil | mg/kg | 15 | 28 | 54 | 8.5 | 2300 | 456.7 | 759.4 | 7 | 7 | 501.5 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 22.6 | 47.9 | 34.09 | 7.394 | -- | -- | 36.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte05ft | xylenes, total | µg/kg | 28 | 28 | 100 | 1.5 | 5.5 | 3.139 | 1.265 | -- | -- | 3.609 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 24.8 | 58.3 | 40.54 | 12 | -- | -- | 44.77 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 36 | 37 | 97 | 0.099 | 0.93 | 0.296 | 0.162 | 0.1 | 0.1 | 0.337 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 19 | 37 | 51 | 0.088 | 0.26 | 0.135 | 0.04 | 0.079 | 0.096 | 0.123 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 13 | 37 | 35 | 0.0007 | 0.077 | 0.0105 | 0.0207 | 0.0006 | 0.012 | 0.0078 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 3.28 | 11.2 | 6.092 | 1.737 | -- | -- | 6.574 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte10ft | bap teq | mg/kg | 22 | 37 | 59 | 0.000647 | 0.0779 | 0.0124 | 0.0186 | 0.00053 | 0.00053 | 0.0187 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24707 marbella ave | lte10ft | benzene | µg/kg | 7 | 37 | 19 | 0.12 | 0.55 | 0.281 | 0.184 | 0.11 | 0.12 | 0.18 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 12 | 37 | 32 | 0.0012 | 0.057 | 0.0124 | 0.0167 | 0.0007 | 0.013 | 0.00791 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 20 | 37 | 54 | 0.0007 | 0.061 | 0.0101 | 0.0152 | 0.0005 | 0.0099 | 0.0146 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24707 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 17 | 37 | 46 | 0.0006 | 0.036 | 0.00682 | 0.0094 | 0.0004 | 0.007 | 0.00545 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 11 | 37 | 30 | 0.23 | 0.44 | 0.334 | 0.0674 | 0.22 | 0.22 | 0.304 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte10ft | chrysene | mg/kg | 20 | 37 | 54 | 0.0014 | 0.078 | 0.0188 | 0.0227 | 0.0012 | 0.0012 | 0.0168 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 5.31 | 13.1 | 8.539 | 2.226 | -- | -- | 9.172 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 5.98 | 26 | 13.75 | 5.596 | -- | -- | 15.42 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte10ft | ethylbenzene | µg/kg | 37 | 37 | 100 | 0.44 | 4.6 | 2.124 | 0.903 | -- | -- | 2.375 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 37 | 24 | 0.0012 | 0.012 | 0.00539 | 0.00383 | 0.0009 | 0.017 | 0.00399 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 2.99 | 29.9 | 7.672 | 6.218 | -- | -- | 12.13 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24707 marbella ave | lte10ft | naphthalene | mg/kg | 6 | 37 | 16 | 0.00037 | 0.038 | 0.00912 | 0.0146 | 0.00026 | 0.0003 | 0.00369 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte10ft | pyrene | mg/kg | 27 | 37 | 73 | 0.0009 | 0.83 | 0.0388 | 0.159 | 0.0008 | 0.0008 | 0.126 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24707 marbella ave | lte10ft | thallium | mg/kg | 9 | 37 | 24 | 0.236 | 0.538 | 0.358 | 0.0954 | 0.232 | 0.232 | 0.32 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte10ft | toluene | µg/kg | 6 | 37 | 16 | 0.14 | 1.2 | 0.427 | 0.397 | 0.12 | 0.14 | 0.241 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24707 marbella ave | lte10ft | tph as diesel | mg/kg | 14 | 37 | 38 | 7 | 1400 | 195 | 397.8 | 4.8 | 4.8 | 171.3 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24707 marbella ave | lte10ft | tph as motor oil | mg/kg | 15 | 37 | 41 | 8.5 | 2300 | 456.7 | 759.4 | 7 | 7 | 338.6 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24707 marbella ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 22.6 | 47.9 | 33.44 | 6.948 | -- | -- | 35.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte10ft | xylenes, total | µg/kg | 37 | 37 | 100 | 0.83 | 7 | 3.26 | 1.407 | -- | -- | 3.651 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24707 marbella ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 24.8 | 58.3 | 39.87 | 10.63 | -- | -- | 42.99 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 11 | 55 | 0.16 | 330 | 66.59 | 131.1 | 0.089 | 0.1 | 96.16 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 11 | 45 | 0.083 | 27 | 6.421 | 11.56 | 0.075 | 8.1 | 7.682 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 9 | 11 | 82 | 0.0015 | 1.8 | 0.31 | 0.59 | 0.0011 | 0.0011 | 0.975 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 0.0007 | 1.8 | 0.318 | 0.603 | -- | -- | 1.461 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 2.06 | 10.2 | 5.564 | 2.327 | -- | -- | 6.835 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.000639 | 1.972 | 0.295 | 0.601 | -- | -- | 1.355 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | benzene | µg/kg | 5 | 11 | 45 | 0.13 | 0.48 | 0.298 | 0.164 | 0.1 | 11 | 0.344 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 11 | 11 | 100 | 0.0013 | 1.7 | 0.277 | 0.533 | -- | -- | 1.218 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24708 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 11 | 91 | 0.0017 | 1.4 | 0.239 | 0.449 | 0.0005 | 0.0005 | 0.788 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 11 | 91 | 0.0015 | 1.1 | 0.164 | 0.343 | 0.0004 | 0.0004 | 0.584 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 11 | 45 | 0.0011 | 0.41 | 0.118 | 0.169 | 0.0011 | 0.056 | 0.126 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.002 | 4.7 | 0.73 | 1.433 | -- | -- | 3.197 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 5.5 | 9.7 | 7.489 | 1.317 | -- | -- | 8.209 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 7.59 | 23.1 | 12.74 | 4.476 | -- | -- | 15.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 11 | 55 | 0.0009 | 0.35 | 0.0667 | 0.139 | 0.0007 | 0.034 | 0.103 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 5 | 11 | 45 | 0.58 | 46 | 18.56 | 24.59 | 0.12 | 0.13 | 34.21 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24708 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 11 | 55 | 0.002 | 0.85 | 0.173 | 0.334 | 0.0009 | 0.043 | 0.249 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 4.66 | 108 | 25.55 | 35.38 | -- | -- | 72.05 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24708 panama ave | gt05lte10ft | naphthalene | mg/kg | 9 | 11 | 82 | 0.0013 | 0.59 | 0.175 | 0.223 | 0.00026 | 0.00026 | 0.424 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.0012 | 3.5 | 0.784 | 1.334 | -- | -- | 3.5 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 11 | 82 | 8.9 | 5700 | 1923 | 2402 | 4.8 | 4.8 | 4611 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 11 | 64 | 0.21 | 190 | 34.7 | 70.8 | 0.046 | 0.052 | 100 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 11 | 82 | 21 | 10000 | 3113 | 3928 | 7 | 7 | 7508 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 21.9 | 36.7 | 30.29 | 5.574 | -- | -- | 33.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 24.6 | 122 | 42.88 | 27.56 | -- | -- | 59.11 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24708 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 16 | 31 | 0.0055 | 0.18 | 0.0629 | 0.079 | 0.0043 | 0.21 | 0.0564 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 16 | 100 | 0.011 | 0.7 | 0.106 | 0.17 | -- | -- | 0.188 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.88 | 6.26 | 4.559 | 1.145 | -- | -- | 5.061 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.0166 | 1.192 | 0.187 | 0.286 | -- | -- | 0.498 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24708 panama ave | lte02ft | benzene | µg/kg | 6 | 16 | 38 | 0.12 | 1 | 0.345 | 0.341 | 0.11 | 0.15 | 0.31 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.018 | 1.8 | 0.23 | 0.432 | -- | -- | 0.414 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24708 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.012 | 0.82 | 0.132 | 0.197 | -- | -- | 0.347 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24708 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 16 | 100 | 0.0094 | 0.5 | 0.084 | 0.12 | -- | -- | 0.214 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24708 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 16 | 44 | 0.0061 | 0.18 | 0.0417 | 0.0617 | 0.0056 | 0.23 | 0.046 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24708 panama ave | lte02ft | cadmium | mg/kg | 9 | 16 | 56 | 0.0905 | 0.717 | 0.361 | 0.2 | 0.0883 | 0.0883 | 0.364 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.051 | 4.4 | 0.662 | 1.078 | -- | -- | 1.183 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.41 | 9.16 | 7.106 | 0.943 | -- | -- | 7.519 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 8.7 | 24.8 | 15.33 | 4.294 | -- | -- | 17.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 16 | 63 | 0.0047 | 0.18 | 0.0326 | 0.0528 | 0.0034 | 0.13 | 0.0714 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24708 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 16 | 81 | 0.005 | 0.19 | 0.0406 | 0.0507 | 0.017 | 0.17 | 0.088 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.91 | 26.4 | 16.69 | 6.807 | -- | -- | 19.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte02ft | naphthalene | mg/kg | 13 | 16 | 81 | 0.0049 | 0.25 | 0.0418 | 0.0661 | 0.00027 | 0.00036 | 0.102 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.022 | 3.7 | 0.409 | 0.887 | -- | -- | 1.376 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24708 panama ave | lte02ft | toluene | µg/kg | 5 | 16 | 31 | 0.13 | 1.7 | 0.608 | 0.661 | 0.13 | 0.17 | 0.559 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 30 | 3000 | 620.5 | 733.7 | -- | -- | 1055 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 98 | 6600 | 1399 | 1629 | -- | -- | 2328 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 19.3 | 34.3 | 27.28 | 4.375 | -- | -- | 29.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 24.7 | 93.5 | 51.24 | 17.76 | -- | -- | 59.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 26 | 19 | 0.11 | 68 | 13.96 | 30.21 | 0.094 | 0.13 | 15.24 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24708 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 26 | 46 | 0.0011 | 0.34 | 0.072 | 0.106 | 0.0011 | 0.21 | 0.0627 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 26 | 26 | 100 | 0.0007 | 0.7 | 0.0866 | 0.144 | -- | -- | 0.149 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 1.59 | 12.1 | 5.038 | 2.715 | -- | -- | 6.053 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | bap teq | mg/kg | 26 | 26 | 100 | 0.00101 | 1.192 | 0.139 | 0.239 | -- | -- | 0.233 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | benzene | µg/kg | 10 | 26 | 38 | 0.12 | 1 | 0.387 | 0.269 | 0.11 | 10 | 0.318 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 26 | 26 | 100 | 0.0014 | 1.8 | 0.167 | 0.352 | -- | -- | 0.302 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 26 | 26 | 100 | 0.0006 | 0.82 | 0.0986 | 0.165 | -- | -- | 0.165 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 25 | 26 | 96 | 0.0005 | 0.5 | 0.0654 | 0.102 | 0.0004 | 0.0004 | 0.149 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 26 | 35 | 0.0061 | 0.18 | 0.0428 | 0.0548 | 0.0011 | 0.23 | 0.0334 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24708 panama ave | lte05ft | cadmium | mg/kg | 11 | 26 | 42 | 0.0905 | 0.717 | 0.363 | 0.192 | 0.0883 | 0.0883 | 0.316 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte05ft | chromium, hexavalent | mg/kg | 9 | 26 | 35 | 0.29 | 1.1 | 0.584 | 0.256 | 0.22 | 0.22 | 0.498 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte05ft | chrysene | mg/kg | 26 | 26 | 100 | 0.0029 | 4.4 | 0.498 | 0.912 | -- | -- | 0.906 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 3.95 | 12.8 | 6.919 | 1.6 | -- | -- | 7.45 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 6.26 | 25.8 | 14.21 | 5.168 | -- | -- | 15.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 14 | 26 | 54 | 0.0011 | 0.18 | 0.0279 | 0.0463 | 0.0007 | 0.13 | 0.0316 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | ethylbenzene | µg/kg | 5 | 26 | 19 | 0.17 | 19 | 4.124 | 8.321 | 0.13 | 0.17 | 4.387 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24708 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 26 | 69 | 0.0013 | 0.19 | 0.034 | 0.0455 | 0.0009 | 0.17 | 0.041 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 3.43 | 26.4 | 12.96 | 7.626 | -- | -- | 16.19 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24708 panama ave | lte05ft | naphthalene | mg/kg | 20 | 26 | 77 | 0.0009 | 0.25 | 0.035 | 0.0556 | 0.00027 | 0.00036 | 0.0707 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | pyrene | mg/kg | 26 | 26 | 100 | 0.002 | 3.7 | 0.359 | 0.77 | -- | -- | 0.668 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | toluene | µg/kg | 9 | 26 | 35 | 0.13 | 1.7 | 0.413 | 0.521 | 0.12 | 11 | 0.355 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24708 panama ave | lte05ft | tph as diesel | mg/kg | 23 | 26 | 88 | 17 | 3000 | 644.5 | 748.1 | 4.8 | 4.8 | 1199 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | tph as gasoline | mg/kg | 9 | 26 | 35 | 0.061 | 1.5 | 0.486 | 0.523 | 0.05 | 0.066 | 0.334 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | tph as motor oil | mg/kg | 24 | 26 | 92 | 15 | 6600 | 1262 | 1530 | 7 | 7 | 2456 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 18 | 42.1 | 26.27 | 5.89 | -- | -- | 28.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte05ft | xylenes, total | µg/kg | 7 | 26 | 27 | 0.26 | 35 | 5.403 | 13.05 | 0.16 | 0.22 | 7.806 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24708 panama ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 19.9 | 93.5 | 43.31 | 18.39 | -- | -- | 49.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 37 | 30 | 0.11 | 330 | 42.67 | 98.56 | 0.089 | 0.13 | 28.72 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24708 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 37 | 16 | 0.083 | 27 | 5.369 | 10.65 | 0.075 | 8.1 | 2.278 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 21 | 37 | 57 | 0.0011 | 1.8 | 0.174 | 0.4 | 0.0011 | 0.21 | 0.207 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 37 | 37 | 100 | 0.0007 | 1.8 | 0.155 | 0.356 | -- | -- | 0.266 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24708 panama ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 1.59 | 12.1 | 5.194 | 2.585 | -- | -- | 5.981 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | bap teq | mg/kg | 37 | 37 | 100 | 0.000639 | 1.972 | 0.185 | 0.381 | -- | -- | 0.308 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | benzene | µg/kg | 15 | 37 | 41 | 0.12 | 1 | 0.357 | 0.237 | 0.1 | 11 | 0.282 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 37 | 100 | 0.0013 | 1.8 | 0.2 | 0.409 | -- | -- | 0.334 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24708 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 36 | 37 | 97 | 0.0006 | 1.4 | 0.138 | 0.274 | 0.0005 | 0.0005 | 0.329 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 35 | 37 | 95 | 0.0005 | 1.1 | 0.0937 | 0.202 | 0.0004 | 0.0004 | 0.23 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24708 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 14 | 37 | 38 | 0.0011 | 0.41 | 0.0696 | 0.11 | 0.0011 | 0.23 | 0.0496 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | cadmium | mg/kg | 13 | 37 | 35 | 0.0905 | 0.717 | 0.34 | 0.184 | 0.0883 | 0.0883 | 0.272 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte10ft | chromium, hexavalent | mg/kg | 12 | 37 | 32 | 0.29 | 1.1 | 0.559 | 0.24 | 0.22 | 0.22 | 0.458 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte10ft | chrysene | mg/kg | 37 | 37 | 100 | 0.002 | 4.7 | 0.567 | 1.077 | -- | -- | 0.949 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 3.95 | 12.8 | 7.089 | 1.526 | -- | -- | 7.513 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 6.26 | 25.8 | 13.77 | 4.957 | -- | -- | 15.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 20 | 37 | 54 | 0.0009 | 0.35 | 0.0396 | 0.0831 | 0.0007 | 0.13 | 0.0401 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24708 panama ave | lte10ft | ethylbenzene | µg/kg | 10 | 37 | 27 | 0.17 | 46 | 11.34 | 18.91 | 0.12 | 0.17 | 11.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24708 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 24 | 37 | 65 | 0.0013 | 0.85 | 0.0688 | 0.172 | 0.0009 | 0.17 | 0.0911 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24708 panama ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 3.43 | 108 | 16.7 | 20.54 | -- | -- | 31.43 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24708 panama ave | lte10ft | naphthalene | mg/kg | 29 | 37 | 78 | 0.0009 | 0.59 | 0.0783 | 0.144 | 0.00026 | 0.00036 | 0.156 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24708 panama ave | lte10ft | pyrene | mg/kg | 37 | 37 | 100 | 0.0012 | 3.7 | 0.485 | 0.972 | -- | -- | 1.182 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24708 panama ave | lte10ft | toluene | µg/kg | 13 | 37 | 35 | 0.13 | 1.7 | 0.391 | 0.433 | 0.11 | 12 | 0.328 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24708 panama ave | lte10ft | tph as diesel | mg/kg | 32 | 37 | 86 | 8.9 | 5700 | 1004 | 1492 | 4.8 | 4.8 | 1895 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | tph as gasoline | mg/kg | 16 | 37 | 43 | 0.061 | 190 | 15.45 | 48.09 | 0.046 | 0.066 | 30.07 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24708 panama ave | lte10ft | tph as motor oil | mg/kg | 33 | 37 | 89 | 15 | 10000 | 1767 | 2498 | 7 | 7 | 3314 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24708 panama ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 18 | 42.1 | 27.46 | 6.016 | -- | -- | 29.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24708 panama ave | lte10ft | xylenes, total | µg/kg | 11 | 37 | 30 | 0.26 | 41 | 7.884 | 14.99 | 0.15 | 17 | 8.95 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24708 panama ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 19.9 | 122 | 43.18 | 21.12 | -- | -- | 48.87 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 10 | 90 | 42 | 4800 | 1098 | 1552 | 9.1 | 9.1 | 3074 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 10 | 70 | 23 | 430 | 106.6 | 147.1 | 7.7 | 8.7 | 155.2 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.36 | 26 | 8.34 | 8.581 | -- | -- | 13.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.49 | 36 | 12.2 | 12.56 | -- | -- | 19.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.75 | 8.85 | 4.927 | 1.675 | -- | -- | 5.898 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.0162 | 1.531 | 0.418 | 0.479 | -- | -- | 0.992 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | benzene | µg/kg | 6 | 10 | 60 | 45 | 640 | 175.8 | 232.7 | 10 | 12 | 247.7 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.024 | 1.2 | 0.401 | 0.364 | -- | -- | 0.612 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 10 | 70 | 0.011 | 1.2 | 0.438 | 0.403 | 0.039 | 0.099 | 0.551 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 10 | 60 | 0.014 | 0.5 | 0.221 | 0.169 | 0.0035 | 0.07 | 0.262 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.054 | 2.7 | 1.127 | 0.967 | -- | -- | 1.688 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.96 | 7.5 | 6.77 | 0.524 | -- | -- | 7.074 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 6.2 | 14.1 | 8.928 | 2.033 | -- | -- | 10.15 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 30 | 4100 | 1309 | 1576 | -- | -- | 3489 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.38 | 15.7 | 6.596 | 3.693 | -- | -- | 9.107 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.95 | 11 | 4.675 | 3.853 | -- | -- | 6.908 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.044 | 7.8 | 2.529 | 2.643 | -- | -- | 4.061 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 490 | 27000 | 6637 | 8036 | -- | -- | 13841 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 220 | 940 | 508 | 291.7 | -- | -- | 734 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 580 | 26000 | 8093 | 7490 | -- | -- | 12435 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 20.2 | 31 | 25.96 | 2.8 | -- | -- | 27.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24709 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 10 | 100 | 40 | 1500 | 342.8 | 470.3 | -- | -- | 725.4 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 neptune ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 21.7 | 123 | 38.54 | 29.98 | -- | -- | 57.44 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 16 | 44 | 0.11 | 0.48 | 0.274 | 0.158 | 0.099 | 0.12 | 0.254 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 16 | 50 | 0.0028 | 0.14 | 0.039 | 0.0497 | 0.0086 | 0.043 | 0.0399 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 16 | 100 | 0.0056 | 0.3 | 0.0627 | 0.081 | -- | -- | 0.105 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.82 | 6.76 | 5.461 | 0.979 | -- | -- | 5.89 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 neptune ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00569 | 0.387 | 0.103 | 0.124 | -- | -- | 0.175 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | benzene | µg/kg | 7 | 16 | 44 | 0.11 | 1.4 | 0.394 | 0.453 | 0.11 | 0.13 | 0.382 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0057 | 0.65 | 0.112 | 0.165 | -- | -- | 0.2 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.0044 | 0.32 | 0.0774 | 0.093 | -- | -- | 0.131 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 16 | 94 | 0.0016 | 0.15 | 0.0405 | 0.0455 | 0.014 | 0.014 | 0.0874 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 16 | 31 | 0.0059 | 0.098 | 0.0287 | 0.039 | 0.0023 | 0.045 | 0.0255 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.014 | 1.7 | 0.314 | 0.45 | -- | -- | 0.566 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.92 | 9.32 | 8.126 | 0.717 | -- | -- | 8.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 8.71 | 18.2 | 12.18 | 2.403 | -- | -- | 13.26 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 16 | 44 | 0.0049 | 0.09 | 0.0402 | 0.0385 | 0.0017 | 0.035 | 0.0362 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 5.95 | 24.9 | 13.38 | 5.722 | -- | -- | 15.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte02ft | naphthalene | mg/kg | 6 | 16 | 38 | 0.00073 | 0.068 | 0.0341 | 0.0289 | 0.00026 | 0.00033 | 0.0312 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0063 | 1.2 | 0.197 | 0.322 | -- | -- | 0.548 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte02ft | toluene | µg/kg | 9 | 16 | 56 | 0.14 | 1 | 0.311 | 0.275 | 0.12 | 0.14 | 0.335 | 95% KM (t) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte02ft | tph as diesel | mg/kg | 15 | 16 | 94 | 5.7 | 950 | 243 | 252.8 | 4.8 | 4.8 | 502.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 190 | 7400 | 1241 | 1773 | -- | -- | 2053 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 22.6 | 33.3 | 29.34 | 3.102 | -- | -- | 30.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 32.9 | 90.9 | 43.78 | 14.39 | -- | -- | 50.5 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 27 | 44 | 0.11 | 5700 | 644 | 1650 | 0.093 | 10 | 1251 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 18 | 27 | 67 | 0.0028 | 6.2 | 1.598 | 1.901 | 0.0043 | 0.043 | 1.679 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 27 | 27 | 100 | 0.0056 | 10 | 1.564 | 2.57 | -- | -- | 3.72 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 neptune ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 2.82 | 16.8 | 7.309 | 3.081 | -- | -- | 8.433 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte05ft | bap teq | mg/kg | 27 | 27 | 100 | 0.00569 | 0.588 | 0.0982 | 0.141 | -- | -- | 0.18 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte05ft | benzene | µg/kg | 11 | 27 | 41 | 0.11 | 420 | 46.93 | 125.4 | 0.11 | 12 | 89.33 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 24 | 27 | 89 | 0.0057 | 0.7 | 0.118 | 0.186 | 0.026 | 0.052 | 0.257 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 27 | 74 | 0.0044 | 0.41 | 0.0905 | 0.114 | 0.0099 | 0.039 | 0.157 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 27 | 67 | 0.0016 | 0.23 | 0.0505 | 0.0618 | 0.007 | 0.028 | 0.0543 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 27 | 22 | 0.0059 | 0.098 | 0.0381 | 0.0418 | 0.0023 | 0.09 | 0.0237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte05ft | chrysene | mg/kg | 27 | 27 | 100 | 0.014 | 2.1 | 0.325 | 0.505 | -- | -- | 0.609 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 6.12 | 9.32 | 8.129 | 0.793 | -- | -- | 8.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 8.71 | 21.5 | 13.73 | 3.181 | -- | -- | 14.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 27 | 19 | 0.0027 | 0.13 | 0.0467 | 0.0501 | 0.0013 | 0.054 | 0.0457 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte05ft | ethylbenzene | µg/kg | 9 | 27 | 33 | 6.6 | 2000 | 532.4 | 671.3 | 0.12 | 0.16 | 335.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 27 | 30 | 0.0049 | 0.11 | 0.0489 | 0.0434 | 0.0017 | 0.069 | 0.0318 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 4.7 | 24.9 | 10.65 | 5.611 | -- | -- | 12.79 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte05ft | naphthalene | mg/kg | 16 | 27 | 59 | 0.00073 | 3.8 | 0.92 | 1.166 | 0.00026 | 0.00033 | 0.887 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte05ft | pyrene | mg/kg | 27 | 27 | 100 | 0.0063 | 1.2 | 0.219 | 0.308 | -- | -- | 0.334 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte05ft | toluene | µg/kg | 11 | 27 | 41 | 0.14 | 14 | 1.543 | 4.139 | 0.12 | 13 | 1.828 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 neptune ave | lte05ft | tph as diesel | mg/kg | 26 | 27 | 96 | 5.7 | 6900 | 1134 | 1610 | 4.8 | 4.8 | 2429 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 neptune ave | lte05ft | tph as gasoline | mg/kg | 11 | 27 | 41 | 0.059 | 530 | 252.6 | 187.7 | 0.048 | 0.077 | 185.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte05ft | tph as motor oil | mg/kg | 27 | 27 | 100 | 190 | 7400 | 2082 | 2212 | -- | -- | 3006 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 22.6 | 38.6 | 30.72 | 4.107 | -- | -- | 32.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte05ft | xylenes, total | µg/kg | 7 | 27 | 26 | 0.25 | 910 | 188.3 | 338.3 | 0.16 | 17 | 112.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 30.7 | 90.9 | 41 | 11.75 | -- | -- | 45.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 21 | 37 | 57 | 0.11 | 5700 | 838.6 | 1586 | 0.093 | 10 | 816.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 37 | 27 | 0.11 | 430 | 89.71 | 127.5 | 0.078 | 8.7 | 46.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 28 | 37 | 76 | 0.0028 | 26 | 4.006 | 6.135 | 0.0043 | 0.043 | 7.057 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 37 | 37 | 100 | 0.0056 | 36 | 4.438 | 8.195 | -- | -- | 8.152 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 neptune ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 2.75 | 16.8 | 6.665 | 2.951 | -- | -- | 7.531 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte10ft | bap teq | mg/kg | 37 | 37 | 100 | 0.00569 | 1.531 | 0.185 | 0.304 | -- | -- | 0.357 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte10ft | benzene | µg/kg | 17 | 37 | 46 | 0.11 | 640 | 92.42 | 175.5 | 0.11 | 12 | 78.09 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 34 | 37 | 92 | 0.0057 | 1.2 | 0.201 | 0.278 | 0.026 | 0.052 | 0.381 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 27 | 37 | 73 | 0.0044 | 1.2 | 0.181 | 0.267 | 0.0099 | 0.099 | 0.307 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24709 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 24 | 37 | 65 | 0.0016 | 0.5 | 0.093 | 0.121 | 0.0035 | 0.07 | 0.0936 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 37 | 22 | 0.0059 | 0.3 | 0.0777 | 0.0984 | 0.0023 | 0.23 | 0.0399 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | chrysene | mg/kg | 37 | 37 | 100 | 0.014 | 2.7 | 0.542 | 0.741 | -- | -- | 1.126 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 5.96 | 9.32 | 7.762 | 0.947 | -- | -- | 8.025 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 6.2 | 21.5 | 12.43 | 3.607 | -- | -- | 13.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 37 | 19 | 0.0027 | 0.17 | 0.0748 | 0.0646 | 0.0013 | 0.13 | 0.0553 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte10ft | ethylbenzene | µg/kg | 19 | 37 | 51 | 6.6 | 4100 | 940.9 | 1265 | 0.12 | 0.16 | 827.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 37 | 30 | 0.0049 | 0.46 | 0.089 | 0.131 | 0.0017 | 0.17 | 0.0559 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 3.38 | 24.9 | 9.554 | 5.429 | -- | -- | 11.22 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte10ft | naphthalene | mg/kg | 26 | 37 | 70 | 0.00073 | 11 | 2.364 | 3.103 | 0.00026 | 0.00033 | 3.686 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | pyrene | mg/kg | 37 | 37 | 100 | 0.0063 | 7.8 | 0.843 | 1.702 | -- | -- | 2.063 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 neptune ave | lte10ft | toluene | µg/kg | 14 | 37 | 38 | 0.14 | 24 | 5.069 | 8.189 | 0.12 | 13 | 6.055 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 neptune ave | lte10ft | tph as diesel | mg/kg | 36 | 37 | 97 | 5.7 | 27000 | 2662 | 4970 | 4.8 | 4.8 | 6118 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | tph as gasoline | mg/kg | 21 | 37 | 57 | 0.059 | 940 | 374.2 | 270.1 | 0.048 | 0.077 | 301.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte10ft | tph as motor oil | mg/kg | 37 | 37 | 100 | 190 | 26000 | 3707 | 4988 | -- | -- | 5245 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 20.2 | 38.6 | 29.44 | 4.329 | -- | -- | 30.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 neptune ave | lte10ft | xylenes, total | µg/kg | 17 | 37 | 46 | 0.25 | 1500 | 279.2 | 416.5 | 0.16 | 17 | 216.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 neptune ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 21.7 | 123 | 40.34 | 18.05 | -- | -- | 45.62 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 12 | 92 | 0.96 | 5600 | 740.6 | 1711 | 0.09 | 0.09 | 2757 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 12 | 83 | 0.49 | 2000 | 324.5 | 651.8 | 0.076 | 0.077 | 1036 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 13 | 13 | 100 | 0.022 | 16 | 4.027 | 6.376 | -- | -- | 13.63 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 13 | 13 | 100 | 0.022 | 19 | 4.744 | 7.623 | -- | -- | 15.41 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 2.3 | 3.85 | 3.04 | 0.489 | -- | -- | 3.282 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | bap teq | mg/kg | 13 | 13 | 100 | 0.0128 | 7.051 | 1.323 | 1.951 | -- | -- | 2.874 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | benzene | µg/kg | 9 | 12 | 75 | 0.16 | 190 | 25.68 | 62.42 | 0.1 | 20 | 88.95 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 13 | 13 | 100 | 0.0092 | 6.5 | 1.278 | 1.806 | -- | -- | 2.808 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 13 | 13 | 100 | 0.01 | 5.7 | 1.068 | 1.599 | -- | -- | 2.362 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 13 | 100 | 0.0043 | 1.7 | 0.385 | 0.481 | -- | -- | 0.783 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 13 | 62 | 0.0018 | 0.42 | 0.107 | 0.136 | 0.023 | 2.3 | 0.147 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | chrysene | mg/kg | 13 | 13 | 100 | 0.026 | 11 | 2.352 | 2.962 | -- | -- | 4.712 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 5.76 | 8.72 | 7.061 | 0.758 | -- | -- | 7.435 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 7.5 | 14.5 | 10.61 | 2.098 | -- | -- | 11.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 13 | 69 | 0.0021 | 0.11 | 0.0549 | 0.0425 | 0.067 | 1.3 | 0.072 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 12 | 83 | 0.31 | 870 | 125 | 276.7 | 0.12 | 0.12 | 428 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 13 | 69 | 0.0027 | 0.22 | 0.0986 | 0.0838 | 0.087 | 1.7 | 0.126 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 4.25 | 68.2 | 29.03 | 20.9 | -- | -- | 39.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | naphthalene | mg/kg | 13 | 13 | 100 | 0.0036 | 5.2 | 0.807 | 1.53 | -- | -- | 2.513 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | pyrene | mg/kg | 13 | 13 | 100 | 0.024 | 18 | 4.834 | 6.08 | -- | -- | 11.03 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | toluene | µg/kg | 10 | 12 | 83 | 0.23 | 200 | 37.27 | 66.9 | 0.12 | 0.12 | 110.1 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | tph as diesel | mg/kg | 13 | 13 | 100 | 65 | 33000 | 8661 | 10456 | -- | -- | 19005 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 12 | 12 | 100 | 0.14 | 290 | 34.38 | 83.78 | -- | -- | 147.6 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 13 | 13 | 100 | 110 | 49000 | 13593 | 15856 | -- | -- | 28579 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 20.4 | 30.4 | 25.58 | 3.163 | -- | -- | 27.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 12 | 83 | 1.4 | 3900 | 568.4 | 1241 | 0.16 | 0.16 | 1926 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 29.1 | 75.5 | 40.27 | 12.85 | -- | -- | 46.73 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 16 | 44 | 0.12 | 0.56 | 0.321 | 0.167 | 0.086 | 0.1 | 0.308 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 16 | 56 | 0.0026 | 0.016 | 0.00682 | 0.00396 | 0.0011 | 0.021 | 0.00749 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 16 | 94 | 0.0009 | 0.12 | 0.0253 | 0.0316 | 0.0024 | 0.0024 | 0.0577 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.49 | 6.28 | 3.571 | 1.308 | -- | -- | 4.145 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte02ft | bap teq | mg/kg | 15 | 16 | 94 | 0.00171 | 0.255 | 0.0551 | 0.0764 | 0.00208 | 0.00208 | 0.134 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 panama ave | lte02ft | benzene | µg/kg | 11 | 16 | 69 | 0.11 | 2 | 0.465 | 0.561 | 0.1 | 0.12 | 0.57 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 16 | 94 | 0.0016 | 0.24 | 0.0448 | 0.0648 | 0.0026 | 0.0026 | 0.111 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0012 | 0.22 | 0.0438 | 0.065 | 0.002 | 0.002 | 0.111 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 16 | 75 | 0.001 | 0.11 | 0.0223 | 0.0321 | 0.0014 | 0.007 | 0.0491 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 16 | 56 | 0.0024 | 0.027 | 0.00956 | 0.00815 | 0.0011 | 0.023 | 0.0103 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte02ft | chromium, hexavalent | mg/kg | 5 | 16 | 31 | 0.13 | 0.4 | 0.244 | 0.12 | 0.22 | 0.22 | 0.246 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte02ft | chrysene | mg/kg | 15 | 16 | 94 | 0.0032 | 0.63 | 0.122 | 0.176 | 0.0047 | 0.0047 | 0.303 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.18 | 8.34 | 6.541 | 0.847 | -- | -- | 6.912 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 6.44 | 17.9 | 9.687 | 3.049 | -- | -- | 11.07 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24709 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 16 | 63 | 0.0012 | 0.029 | 0.00725 | 0.00805 | 0.0007 | 0.013 | 0.00876 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 16 | 75 | 0.0022 | 0.036 | 0.0109 | 0.00945 | 0.0009 | 0.017 | 0.0133 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 1.6 | 27 | 7.965 | 6.763 | -- | -- | 12.57 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte02ft | naphthalene | mg/kg | 13 | 16 | 81 | 0.0009 | 0.021 | 0.0075 | 0.00632 | 0.00027 | 0.0003 | 0.00903 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte02ft | pyrene | mg/kg | 14 | 16 | 88 | 0.0017 | 0.3 | 0.0695 | 0.0879 | 0.0033 | 0.0065 | 0.154 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte02ft | toluene | µg/kg | 11 | 16 | 69 | 0.12 | 0.48 | 0.252 | 0.136 | 0.11 | 0.13 | 0.267 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 panama ave | lte02ft | tph as diesel | mg/kg | 15 | 16 | 94 | 7.4 | 440 | 102.4 | 119.5 | 4.8 | 4.8 | 225.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte02ft | tph as motor oil | mg/kg | 15 | 16 | 94 | 24 | 1400 | 352.4 | 412.9 | 7 | 7 | 776.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 15.9 | 31.3 | 23.23 | 3.885 | -- | -- | 24.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 21.4 | 87.3 | 37.13 | 16.71 | -- | -- | 44.56 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 30 | 43 | 0.11 | 19000 | 1677 | 5262 | 0.086 | 0.15 | 3568 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 19 | 30 | 63 | 0.0026 | 5.9 | 0.478 | 1.376 | 0.0011 | 0.086 | 1.196 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 29 | 30 | 97 | 0.0009 | 8 | 0.462 | 1.53 | 0.0024 | 0.0024 | 1.646 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 1.49 | 11.4 | 4.833 | 2.275 | -- | -- | 5.615 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte05ft | bap teq | mg/kg | 29 | 30 | 97 | 0.00171 | 2.151 | 0.169 | 0.401 | 0.00208 | 0.00208 | 0.478 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte05ft | benzene | µg/kg | 20 | 30 | 67 | 0.11 | 840 | 42.39 | 187.7 | 0.1 | 11 | 151.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 29 | 30 | 97 | 0.0016 | 1.6 | 0.154 | 0.318 | 0.0026 | 0.0026 | 0.399 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 29 | 30 | 97 | 0.0012 | 1.8 | 0.133 | 0.334 | 0.002 | 0.002 | 0.39 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 25 | 30 | 83 | 0.001 | 0.82 | 0.0702 | 0.164 | 0.0014 | 0.014 | 0.18 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 15 | 30 | 50 | 0.0018 | 0.48 | 0.044 | 0.122 | 0.0011 | 0.23 | 0.0948 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte05ft | chromium, hexavalent | mg/kg | 8 | 30 | 27 | 0.13 | 0.4 | 0.211 | 0.102 | 0.22 | 0.22 | 0.198 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte05ft | chrysene | mg/kg | 29 | 30 | 97 | 0.0032 | 4.5 | 0.4 | 0.859 | 0.0047 | 0.0047 | 1.061 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 panama ave | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 5.18 | 9.42 | 6.922 | 0.923 | -- | -- | 7.208 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte05ft | copper | mg/kg | 30 | 30 | 100 | 6.44 | 17.9 | 11.01 | 3.075 | -- | -- | 11.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 21 | 30 | 70 | 0.0012 | 0.089 | 0.0167 | 0.0244 | 0.0007 | 0.13 | 0.0204 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 panama ave | lte05ft | ethylbenzene | µg/kg | 7 | 30 | 23 | 0.13 | 5600 | 871.8 | 2092 | 0.11 | 0.16 | 540.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 30 | 77 | 0.0013 | 0.12 | 0.0221 | 0.0298 | 0.0009 | 0.17 | 0.0415 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte05ft | lead | mg/kg | 30 | 30 | 100 | 1.6 | 46.7 | 9.327 | 9.352 | -- | -- | 12.38 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte05ft | naphthalene | mg/kg | 25 | 30 | 83 | 0.00032 | 7.3 | 0.38 | 1.477 | 0.00026 | 0.0036 | 1.396 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte05ft | pyrene | mg/kg | 28 | 30 | 93 | 0.0017 | 5.9 | 0.491 | 1.17 | 0.0033 | 0.0065 | 1.363 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte05ft | toluene | µg/kg | 16 | 30 | 53 | 0.12 | 0.48 | 0.244 | 0.118 | 0.11 | 12 | 0.227 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte05ft | tph as diesel | mg/kg | 29 | 30 | 97 | 7.4 | 5200 | 585 | 1199 | 4.8 | 4.8 | 1508 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte05ft | tph as gasoline | mg/kg | 15 | 30 | 50 | 0.055 | 2000 | 182.1 | 516.3 | 0.047 | 0.42 | 208 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 panama ave | lte05ft | tph as motor oil | mg/kg | 29 | 30 | 97 | 24 | 10000 | 1135 | 2156 | 7 | 7 | 2792 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 15.9 | 31.8 | 25.36 | 4.04 | -- | -- | 26.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte05ft | xylenes, total | µg/kg | 8 | 30 | 27 | 0.18 | 6600 | 865.2 | 2320 | 0.15 | 0.32 | 1238 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 21.4 | 87.3 | 38.17 | 13.97 | -- | -- | 42.41 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 24 | 42 | 57 | 0.11 | 19000 | 1248 | 3993 | 0.086 | 0.15 | 2787 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 42 | 31 | 0.16 | 2000 | 356.6 | 603.9 | 0.072 | 2.2 | 364.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 32 | 43 | 74 | 0.0026 | 16 | 1.92 | 4.469 | 0.0011 | 0.086 | 4.054 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 42 | 43 | 98 | 0.0009 | 19 | 1.787 | 4.756 | 0.0024 | 0.0024 | 4.876 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | arsenic | mg/kg | 43 | 43 | 100 | 1.49 | 11.4 | 4.291 | 2.082 | -- | -- | 4.866 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte10ft | bap teq | mg/kg | 42 | 43 | 98 | 0.00171 | 7.051 | 0.527 | 1.231 | 0.00208 | 0.00208 | 1.325 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | benzene | µg/kg | 29 | 42 | 69 | 0.11 | 840 | 37.2 | 158.4 | 0.1 | 20 | 115 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 42 | 43 | 98 | 0.0016 | 6.5 | 0.502 | 1.14 | 0.0026 | 0.0026 | 1.241 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 42 | 43 | 98 | 0.0012 | 5.7 | 0.422 | 1.008 | 0.002 | 0.002 | 1.076 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 38 | 43 | 88 | 0.001 | 1.7 | 0.178 | 0.34 | 0.0014 | 0.014 | 0.373 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 23 | 43 | 53 | 0.0018 | 0.48 | 0.066 | 0.128 | 0.0011 | 2.3 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte10ft | chromium, hexavalent | mg/kg | 12 | 43 | 28 | 0.052 | 0.64 | 0.225 | 0.162 | 0.22 | 0.22 | 0.202 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 panama ave | lte10ft | chrysene | mg/kg | 42 | 43 | 98 | 0.0032 | 11 | 1.004 | 1.976 | 0.0047 | 0.0047 | 2.283 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 panama ave | lte10ft | cobalt | mg/kg | 43 | 43 | 100 | 5.18 | 9.42 | 6.964 | 0.869 | -- | -- | 7.187 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte10ft | copper | mg/kg | 43 | 43 | 100 | 6.44 | 17.9 | 10.89 | 2.797 | -- | -- | 11.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 30 | 43 | 70 | 0.0012 | 0.11 | 0.0282 | 0.035 | 0.0007 | 1.3 | 0.0448 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte10ft | ethylbenzene | µg/kg | 17 | 42 | 40 | 0.13 | 5600 | 432.5 | 1352 | 0.11 | 0.16 | 772.1 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 32 | 43 | 74 | 0.0013 | 0.22 | 0.0436 | 0.0605 | 0.0009 | 1.7 | 0.0741 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 panama ave | lte10ft | lead | mg/kg | 43 | 43 | 100 | 1.6 | 68.2 | 15.28 | 16.4 | -- | -- | 26.19 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | naphthalene | mg/kg | 38 | 43 | 88 | 0.00032 | 7.3 | 0.526 | 1.489 | 0.00026 | 0.0036 | 1.402 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte10ft | pyrene | mg/kg | 41 | 43 | 95 | 0.0017 | 18 | 1.868 | 4.025 | 0.0033 | 0.0065 | 4.407 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 panama ave | lte10ft | toluene | µg/kg | 26 | 42 | 62 | 0.12 | 200 | 14.49 | 44.14 | 0.11 | 12 | 32.87 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24709 panama ave | lte10ft | tph as diesel | mg/kg | 42 | 43 | 98 | 7.4 | 33000 | 3085 | 6875 | 4.8 | 4.8 | 7540 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | tph as gasoline | mg/kg | 27 | 42 | 64 | 0.055 | 2000 | 116.4 | 390 | 0.047 | 0.42 | 288.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | tph as motor oil | mg/kg | 42 | 43 | 98 | 24 | 49000 | 4991 | 10523 | 7 | 7 | 11807 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | vanadium | mg/kg | 43 | 43 | 100 | 15.9 | 31.8 | 25.43 | 3.76 | -- | -- | 26.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 panama ave | lte10ft | xylenes, total | µg/kg | 18 | 42 | 43 | 0.18 | 6600 | 700.3 | 1748 | 0.15 | 0.32 | 1106 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 panama ave | lte10ft | zinc | mg/kg | 43 | 43 | 100 | 21.4 | 87.3 | 38.8 | 13.52 | -- | -- | 42.36 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 14 | 79 | 0.099 | 19000 | 3696 | 5573 | 0.089 | 0.098 | 8950 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 14 | 64 | 35 | 7800 | 1115 | 2525 | 0.076 | 0.083 | 1810 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 14 | 79 | 0.0012 | 50 | 22.31 | 18.55 | 0.0011 | 0.0011 | 26.54 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 14 | 79 | 0.0017 | 75 | 32.55 | 26.83 | 0.0006 | 0.0006 | 38.63 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | arsenic | mg/kg | 14 | 14 | 100 | 2.7 | 5.83 | 4.48 | 0.975 | -- | -- | 4.941 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | bap teq | mg/kg | 11 | 14 | 79 | 0.000595 | 3.926 | 0.941 | 1.202 | 0.00053 | 0.208 | 2.067 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | benzene | µg/kg | 10 | 14 | 71 | 0.23 | 800 | 260.5 | 242.4 | 0.1 | 0.11 | 304.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 11 | 14 | 79 | 0.0008 | 4.9 | 1.4 | 1.769 | 0.0007 | 0.26 | 3.057 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 14 | 64 | 0.0008 | 3.2 | 0.835 | 1.032 | 0.0005 | 0.49 | 1.045 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 14 | 36 | 0.0006 | 0.87 | 0.382 | 0.342 | 0.0004 | 0.35 | 0.446 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | chrysene | mg/kg | 10 | 14 | 71 | 0.0022 | 6.3 | 2.378 | 2.127 | 0.0012 | 0.47 | 2.715 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | cobalt | mg/kg | 14 | 14 | 100 | 5.65 | 8.62 | 6.825 | 1.07 | -- | -- | 7.336 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | gt05lte10ft | copper | mg/kg | 14 | 14 | 100 | 6.44 | 9.28 | 8.212 | 0.801 | -- | -- | 8.591 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 9 | 14 | 64 | 1100 | 8200 | 2544 | 2211 | 0.12 | 0.13 | 2986 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | lead | mg/kg | 14 | 14 | 100 | 3.82 | 7.22 | 4.664 | 0.823 | -- | -- | 5.043 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 11 | 14 | 79 | 0.0012 | 26 | 10.51 | 9.01 | 0.00025 | 0.00027 | 12.6 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | pyrene | mg/kg | 10 | 14 | 71 | 0.0016 | 33 | 9.71 | 9.875 | 0.0008 | 0.33 | 11.59 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 14 | 71 | 7.2 | 21000 | 10561 | 6200 | 4.8 | 4.8 | 11771 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 9 | 14 | 64 | 290 | 1100 | 657.8 | 267.7 | 0.045 | 0.049 | 686.4 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 14 | 79 | 20 | 25000 | 9969 | 7290 | 7 | 7 | 11799 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | vanadium | mg/kg | 14 | 14 | 100 | 22.6 | 32.9 | 28.33 | 3.09 | -- | -- | 29.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 9 | 14 | 64 | 110 | 27000 | 3998 | 8675 | 0.15 | 0.17 | 6473 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 ravenna ave | gt05lte10ft | zinc | mg/kg | 14 | 14 | 100 | 24.4 | 51.3 | 34.21 | 9.222 | -- | -- | 38.63 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 24 | 25 | 0.24 | 0.61 | 0.347 | 0.133 | 0.09 | 0.12 | 0.33 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 24 | 38 | 0.003 | 0.05 | 0.024 | 0.0159 | 0.0011 | 0.11 | 0.0194 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 21 | 24 | 88 | 0.0044 | 0.17 | 0.0429 | 0.0466 | 0.0006 | 0.06 | 0.079 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 1.84 | 6.43 | 4.094 | 1.127 | -- | -- | 4.488 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | bap teq | mg/kg | 23 | 24 | 96 | 0.00199 | 0.24 | 0.0597 | 0.066 | 0.00053 | 0.00053 | 0.116 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | benzene | µg/kg | 15 | 24 | 63 | 0.12 | 0.6 | 0.298 | 0.162 | 0.1 | 0.14 | 0.286 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 23 | 24 | 96 | 0.0017 | 0.26 | 0.0658 | 0.072 | 0.0007 | 0.0007 | 0.127 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 22 | 24 | 92 | 0.0015 | 0.17 | 0.0445 | 0.0472 | 0.0005 | 0.0025 | 0.0826 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 20 | 24 | 83 | 0.0008 | 0.12 | 0.0301 | 0.0321 | 0.0004 | 0.035 | 0.0536 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 24 | 21 | 0.0046 | 0.033 | 0.0151 | 0.0107 | 0.0011 | 0.11 | 0.0151 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | cadmium | mg/kg | 6 | 24 | 25 | 0.0888 | 0.15 | 0.12 | 0.023 | 0.0883 | 0.0883 | 0.117 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | chrysene | mg/kg | 23 | 24 | 96 | 0.0021 | 0.77 | 0.171 | 0.206 | 0.0012 | 0.0012 | 0.346 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 5.9 | 9.7 | 7.501 | 1.023 | -- | -- | 7.859 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | copper | mg/kg | 24 | 24 | 100 | 6.54 | 14.8 | 10.66 | 2.153 | -- | -- | 11.42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 24 | 29 | 0.0025 | 0.05 | 0.021 | 0.0207 | 0.0007 | 0.067 | 0.0164 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 24 | 42 | 0.0046 | 0.052 | 0.0176 | 0.0173 | 0.0009 | 0.087 | 0.0156 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | lead | mg/kg | 24 | 24 | 100 | 3.77 | 27.9 | 9.55 | 5.458 | -- | -- | 11.49 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | naphthalene | mg/kg | 13 | 24 | 54 | 0.0038 | 0.084 | 0.0287 | 0.0244 | 0.00027 | 0.00034 | 0.0255 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | pyrene | mg/kg | 23 | 24 | 96 | 0.0027 | 0.74 | 0.116 | 0.178 | 0.0008 | 0.0008 | 0.267 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | toluene | µg/kg | 16 | 24 | 67 | 0.14 | 0.79 | 0.284 | 0.163 | 0.12 | 0.14 | 0.292 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | tph as diesel | mg/kg | 22 | 24 | 92 | 18 | 450 | 132.9 | 126.5 | 4.8 | 4.8 | 234.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | tph as gasoline | mg/kg | 10 | 24 | 42 | 0.057 | 0.2 | 0.105 | 0.0393 | 0.049 | 0.057 | 0.0989 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | tph as motor oil | mg/kg | 22 | 24 | 92 | 43 | 1500 | 433.6 | 403 | 7 | 7 | 758.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 19.1 | 35.7 | 26.25 | 4.82 | -- | -- | 27.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte02ft | xylenes, total | µg/kg | 10 | 24 | 42 | 0.18 | 0.96 | 0.391 | 0.239 | 0.16 | 0.21 | 0.334 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 21.6 | 57.3 | 38.55 | 12.09 | -- | -- | 42.79 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 38 | 39 | 0.12 | 17000 | 1399 | 4381 | 0.09 | 0.12 | 2562 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 19 | 38 | 50 | 0.0012 | 19 | 2.3 | 5.242 | 0.0011 | 0.11 | 3.902 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 33 | 38 | 87 | 0.0024 | 35 | 2.378 | 7.443 | 0.0006 | 0.06 | 7.004 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte05ft | arsenic | mg/kg | 38 | 38 | 100 | 1.84 | 11.5 | 4.303 | 1.604 | -- | -- | 4.759 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24709 ravenna ave | lte05ft | bap teq | mg/kg | 36 | 38 | 95 | 0.000595 | 0.24 | 0.0592 | 0.0644 | 0.00053 | 0.00053 | 0.101 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte05ft | benzene | µg/kg | 24 | 38 | 63 | 0.12 | 250 | 13.11 | 51.42 | 0.1 | 11 | 37.57 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 34 | 38 | 89 | 0.001 | 0.33 | 0.0635 | 0.0794 | 0.0007 | 0.26 | 0.114 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 30 | 38 | 79 | 0.0012 | 0.17 | 0.0404 | 0.0428 | 0.0005 | 0.2 | 0.064 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 26 | 38 | 68 | 0.0007 | 0.12 | 0.028 | 0.0296 | 0.0004 | 0.14 | 0.0307 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 38 | 21 | 0.0024 | 0.033 | 0.0116 | 0.00992 | 0.0011 | 0.45 | 0.00949 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte05ft | cadmium | mg/kg | 6 | 38 | 16 | 0.0888 | 0.15 | 0.12 | 0.023 | 0.0883 | 0.0883 | 0.115 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte05ft | chrysene | mg/kg | 35 | 38 | 92 | 0.0017 | 0.77 | 0.176 | 0.202 | 0.0012 | 0.0012 | 0.304 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte05ft | cobalt | mg/kg | 38 | 38 | 100 | 5.82 | 9.7 | 7.527 | 0.975 | -- | -- | 7.793 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte05ft | copper | mg/kg | 38 | 38 | 100 | 6.54 | 19.1 | 10.27 | 2.439 | -- | -- | 10.95 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 38 | 24 | 0.0025 | 0.05 | 0.0181 | 0.019 | 0.0007 | 0.27 | 0.0105 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte05ft | ethylbenzene | µg/kg | 5 | 38 | 13 | 0.31 | 10000 | 2930 | 4062 | 0.12 | 12 | 2026 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 38 | 32 | 0.0045 | 0.052 | 0.0164 | 0.0161 | 0.0009 | 0.35 | 0.0124 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte05ft | lead | mg/kg | 38 | 38 | 100 | 3.77 | 27.9 | 8.07 | 4.824 | -- | -- | 9.295 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24709 ravenna ave | lte05ft | naphthalene | mg/kg | 26 | 38 | 68 | 0.00092 | 13 | 1.092 | 3.022 | 0.00027 | 0.00034 | 2.552 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte05ft | pyrene | mg/kg | 36 | 38 | 95 | 0.0009 | 2.3 | 0.222 | 0.425 | 0.0008 | 0.0008 | 0.505 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte05ft | toluene | µg/kg | 19 | 38 | 50 | 0.14 | 0.79 | 0.272 | 0.153 | 0.11 | 12 | 0.256 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte05ft | tph as diesel | mg/kg | 33 | 38 | 87 | 11 | 13000 | 989 | 2625 | 4.8 | 4.8 | 2606 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte05ft | tph as gasoline | mg/kg | 20 | 38 | 53 | 0.057 | 2100 | 164.3 | 478.3 | 0.049 | 0.057 | 339 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte05ft | tph as motor oil | mg/kg | 33 | 38 | 87 | 30 | 11000 | 1166 | 2219 | 7 | 7 | 2504 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte05ft | vanadium | mg/kg | 38 | 38 | 100 | 19.1 | 35.7 | 27.18 | 4.35 | -- | -- | 28.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte05ft | xylenes, total | µg/kg | 18 | 38 | 47 | 0.18 | 9600 | 587.2 | 2255 | 0.15 | 0.21 | 1396 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte05ft | zinc | mg/kg | 38 | 38 | 100 | 21.6 | 57.3 | 36.37 | 11.21 | -- | -- | 39.46 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 26 | 52 | 50 | 0.099 | 19000 | 2371 | 4951 | 0.089 | 0.12 | 3424 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 52 | 25 | 0.16 | 7800 | 1135 | 2373 | 0.075 | 7.8 | 583.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 30 | 52 | 58 | 0.0012 | 50 | 9.637 | 15.23 | 0.0011 | 0.11 | 13.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 44 | 52 | 85 | 0.0017 | 75 | 9.92 | 19.58 | 0.0006 | 0.06 | 19.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | arsenic | mg/kg | 52 | 52 | 100 | 1.84 | 11.5 | 4.351 | 1.455 | -- | -- | 4.699 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | bap teq | mg/kg | 47 | 52 | 90 | 0.000595 | 3.926 | 0.266 | 0.678 | 0.00053 | 0.208 | 0.633 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | benzene | µg/kg | 34 | 52 | 65 | 0.12 | 800 | 85.88 | 176 | 0.1 | 11 | 145.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 45 | 52 | 87 | 0.0008 | 4.9 | 0.39 | 1.026 | 0.0007 | 0.26 | 0.922 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 39 | 52 | 75 | 0.0008 | 3.2 | 0.224 | 0.583 | 0.0005 | 0.49 | 0.482 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 31 | 52 | 60 | 0.0006 | 0.87 | 0.0851 | 0.184 | 0.0004 | 0.35 | 0.143 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 52 | 17 | 0.0024 | 0.3 | 0.0436 | 0.0966 | 0.0011 | 1.1 | 0.0263 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | bromomethane | µg/kg | 5 | 52 | 10 | 1.8 | 370 | 190.8 | 180.5 | 1.4 | 820 | 240.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | cadmium | mg/kg | 6 | 52 | 12 | 0.0888 | 0.15 | 0.12 | 0.023 | 0.0883 | 0.0883 | 0.115 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | chrysene | mg/kg | 45 | 52 | 87 | 0.0017 | 6.3 | 0.666 | 1.347 | 0.0012 | 0.47 | 1.348 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | cobalt | mg/kg | 52 | 52 | 100 | 5.65 | 9.7 | 7.338 | 1.039 | -- | -- | 7.579 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | copper | mg/kg | 52 | 52 | 100 | 6.44 | 19.1 | 9.715 | 2.308 | -- | -- | 10.26 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 52 | 19 | 0.0025 | 0.16 | 0.0323 | 0.0483 | 0.0007 | 0.67 | 0.016 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24709 ravenna ave | lte10ft | ethylbenzene | µg/kg | 14 | 52 | 27 | 0.31 | 10000 | 2682 | 2850 | 0.12 | 12 | 1887 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 52 | 25 | 0.0045 | 0.25 | 0.0344 | 0.0666 | 0.0009 | 0.87 | 0.0247 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | lead | mg/kg | 52 | 52 | 100 | 3.77 | 27.9 | 7.153 | 4.403 | -- | -- | 8.214 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | naphthalene | mg/kg | 37 | 52 | 71 | 0.00092 | 26 | 3.892 | 6.924 | 0.00025 | 0.00034 | 6.461 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | pyrene | mg/kg | 46 | 52 | 88 | 0.0009 | 33 | 2.285 | 5.941 | 0.0008 | 0.33 | 5.429 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | toluene | µg/kg | 23 | 52 | 44 | 0.12 | 29 | 2.795 | 7.139 | 0.11 | 66 | 4.463 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | tph as diesel | mg/kg | 43 | 52 | 83 | 7.2 | 21000 | 3215 | 5498 | 4.8 | 4.8 | 5772 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | tph as gasoline | mg/kg | 29 | 52 | 56 | 0.057 | 2100 | 317.5 | 479.3 | 0.045 | 0.057 | 414.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | tph as motor oil | mg/kg | 44 | 52 | 85 | 20 | 25000 | 3367 | 5558 | 7 | 7 | 6029 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | vanadium | mg/kg | 52 | 52 | 100 | 19.1 | 35.7 | 27.49 | 4.053 | -- | -- | 28.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24709 ravenna ave | lte10ft | xylenes, total | µg/kg | 27 | 52 | 52 | 0.18 | 27000 | 1724 | 5400 | 0.15 | 0.21 | 3307 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24709 ravenna ave | lte10ft | zinc | mg/kg | 52 | 52 | 100 | 21.6 | 57.3 | 35.79 | 10.67 | -- | -- | 38.29 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 8 | 63 | 0.36 | 47000 | 9807 | 20810 | 0.11 | 11 | 17645 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0061 | 71 | 15.89 | 23.38 | -- | -- | 71 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0078 | 120 | 26.51 | 39.88 | -- | -- | 120 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 2.87 | 9.01 | 5.909 | 2.22 | -- | -- | 7.396 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | bap teq | mg/kg | 5 | 8 | 63 | 0.00119 | 0.525 | 0.205 | 0.272 | 0.208 | 0.208 | 0.312 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 5 | 8 | 63 | 0.0012 | 1.1 | 0.327 | 0.487 | 0.26 | 0.26 | 0.489 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | chrysene | mg/kg | 5 | 8 | 63 | 0.0026 | 3.5 | 0.947 | 1.517 | 0.45 | 0.47 | 1.468 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24710 marbella ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 3.18 | 8.75 | 6.198 | 1.912 | -- | -- | 7.479 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 4.02 | 16.7 | 11.45 | 4.361 | -- | -- | 14.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 6 | 8 | 75 | 1.1 | 23000 | 9007 | 8651 | 0.14 | 0.15 | 12533 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 1.61 | 6.77 | 4.241 | 1.795 | -- | -- | 5.444 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | naphthalene | mg/kg | 8 | 8 | 100 | 0.0036 | 46 | 10.55 | 15.45 | -- | -- | 46 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | pyrene | mg/kg | 6 | 8 | 75 | 0.004 | 6.1 | 1.574 | 2.468 | 0.33 | 0.33 | 4.669 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 7 | 8 | 88 | 28 | 22000 | 8001 | 7476 | 4.8 | 4.8 | 12062 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 8 | 100 | 0.83 | 4900 | 1363 | 1712 | -- | -- | 4900 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 7 | 8 | 88 | 40 | 18000 | 7221 | 6146 | 7 | 7 | 10541 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 12.3 | 35.3 | 27.19 | 7.322 | -- | -- | 32.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | xylenes, total | µg/kg | 5 | 8 | 63 | 0.22 | 52000 | 10458 | 23223 | 0.18 | 20 | 19541 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 14.6 | 47.6 | 33.68 | 10.51 | -- | -- | 40.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 21 | 57 | 0.0011 | 0.044 | 0.0123 | 0.0124 | 0.003 | 0.012 | 0.0128 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | arsenic | mg/kg | 21 | 21 | 100 | 3.15 | 8.61 | 5.41 | 1.405 | -- | -- | 5.939 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte02ft | bap teq | mg/kg | 19 | 21 | 90 | 0.000796 | 0.16 | 0.0274 | 0.0372 | 0.00411 | 0.0103 | 0.0595 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | benzene | µg/kg | 8 | 21 | 38 | 0.25 | 0.68 | 0.41 | 0.158 | 0.11 | 0.15 | 0.375 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 21 | 76 | 0.0019 | 0.055 | 0.0218 | 0.0188 | 0.0052 | 0.013 | 0.0243 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 21 | 62 | 0.0025 | 0.12 | 0.0276 | 0.0318 | 0.0005 | 0.0099 | 0.0316 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 21 | 33 | 0.005 | 0.086 | 0.0219 | 0.0289 | 0.0004 | 0.007 | 0.0177 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | cadmium | mg/kg | 17 | 21 | 81 | 0.106 | 0.518 | 0.207 | 0.107 | 0.0883 | 0.0883 | 0.232 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | chrysene | mg/kg | 18 | 21 | 86 | 0.0052 | 0.14 | 0.0515 | 0.0395 | 0.0095 | 0.024 | 0.0606 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte02ft | cobalt | mg/kg | 21 | 21 | 100 | 7.61 | 12.9 | 10.53 | 1.522 | -- | -- | 11.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte02ft | copper | mg/kg | 21 | 21 | 100 | 12.5 | 36.8 | 20.66 | 6.162 | -- | -- | 22.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 21 | 29 | 0.0011 | 0.065 | 0.0243 | 0.0313 | 0.0035 | 0.017 | 0.0162 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | lead | mg/kg | 21 | 21 | 100 | 4.58 | 140 | 15.64 | 28.84 | -- | -- | 43.07 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte02ft | naphthalene | mg/kg | 5 | 21 | 24 | 0.00037 | 0.036 | 0.0147 | 0.0177 | 0.00026 | 0.0004 | 0.0111 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte02ft | pyrene | mg/kg | 19 | 21 | 90 | 0.0026 | 0.1 | 0.0325 | 0.0278 | 0.016 | 0.016 | 0.0563 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | toluene | µg/kg | 9 | 21 | 43 | 0.2 | 0.95 | 0.438 | 0.217 | 0.12 | 0.18 | 0.373 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | tph as diesel | mg/kg | 21 | 21 | 100 | 11 | 1400 | 241.8 | 336.8 | -- | -- | 393.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | tph as motor oil | mg/kg | 21 | 21 | 100 | 53 | 2600 | 615.4 | 638.6 | -- | -- | 903.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte02ft | vanadium | mg/kg | 21 | 21 | 100 | 31.4 | 45 | 37.57 | 4.366 | -- | -- | 39.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte02ft | zinc | mg/kg | 21 | 21 | 100 | 36.2 | 197 | 58.1 | 33.87 | -- | -- | 71.85 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 35 | 37 | 0.2 | 14000 | 1310 | 3861 | 0.093 | 9.7 | 2287 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 35 | 17 | 0.2 | 2800 | 761.7 | 1131 | 0.079 | 8.3 | 291.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 13 | 35 | 37 | 0.0011 | 85 | 18.09 | 25.21 | 0.0011 | 0.021 | 11.82 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 35 | 71 | 0.0011 | 130 | 14.12 | 31.02 | 0.003 | 0.012 | 29.99 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte05ft | arsenic | mg/kg | 35 | 35 | 100 | 2.04 | 8.61 | 4.881 | 1.581 | -- | -- | 5.333 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte05ft | bap teq | mg/kg | 32 | 35 | 91 | 0.000689 | 2.282 | 0.184 | 0.434 | 0.00411 | 0.103 | 0.477 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte05ft | benzene | µg/kg | 16 | 35 | 46 | 0.25 | 2700 | 209.2 | 672.1 | 0.11 | 11 | 439.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 27 | 35 | 77 | 0.0016 | 3.4 | 0.288 | 0.678 | 0.0007 | 0.13 | 0.671 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 21 | 35 | 60 | 0.0007 | 1.7 | 0.191 | 0.392 | 0.0005 | 0.2 | 0.351 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 8 | 35 | 23 | 0.005 | 0.11 | 0.0329 | 0.0411 | 0.0004 | 0.28 | 0.0199 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte05ft | cadmium | mg/kg | 19 | 35 | 54 | 0.106 | 0.518 | 0.202 | 0.102 | 0.0883 | 0.0883 | 0.184 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte05ft | chrysene | mg/kg | 31 | 35 | 89 | 0.0018 | 5.7 | 0.559 | 1.161 | 0.0095 | 0.22 | 1.313 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte05ft | cobalt | mg/kg | 35 | 35 | 100 | 5.73 | 14 | 9.696 | 2.188 | -- | -- | 10.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte05ft | copper | mg/kg | 35 | 35 | 100 | 7.34 | 36.8 | 17.4 | 7.226 | -- | -- | 19.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte05ft | ethylbenzene | µg/kg | 14 | 35 | 40 | 0.17 | 4800 | 981.8 | 1608 | 0.12 | 0.19 | 716.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 35 | 23 | 0.0011 | 0.087 | 0.0367 | 0.0357 | 0.0009 | 0.69 | 0.0197 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte05ft | lead | mg/kg | 35 | 35 | 100 | 2.81 | 140 | 11.45 | 22.76 | -- | -- | 28.22 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte05ft | naphthalene | mg/kg | 18 | 35 | 51 | 0.00037 | 32 | 6.108 | 10.04 | 0.00026 | 0.0004 | 5.353 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte05ft | pyrene | mg/kg | 33 | 35 | 94 | 0.0026 | 10 | 0.932 | 2.059 | 0.016 | 0.016 | 2.361 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte05ft | toluene | µg/kg | 11 | 35 | 31 | 0.18 | 1.7 | 0.529 | 0.441 | 0.12 | 61 | 0.431 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte05ft | tph as diesel | mg/kg | 34 | 35 | 97 | 11 | 22000 | 2768 | 5311 | 4.8 | 4.8 | 6562 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte05ft | tph as gasoline | mg/kg | 17 | 35 | 49 | 0.055 | 1300 | 255.3 | 385.9 | 0.047 | 0.074 | 209.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte05ft | tph as motor oil | mg/kg | 34 | 35 | 97 | 7.4 | 20000 | 2915 | 4782 | 7 | 7 | 6323 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24710 marbella ave | lte05ft | vanadium | mg/kg | 35 | 35 | 100 | 23.8 | 51 | 35.42 | 6.421 | -- | -- | 37.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte05ft | xylenes, total | µg/kg | 14 | 35 | 40 | 0.18 | 19000 | 1469 | 5052 | 0.16 | 16 | 3005 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte05ft | zinc | mg/kg | 35 | 35 | 100 | 25.1 | 197 | 48.73 | 29.04 | -- | -- | 57.59 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 43 | 42 | 0.2 | 47000 | 3670 | 11303 | 0.093 | 11 | 6553 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24710 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 43 | 19 | 0.2 | 10000 | 1839 | 3440 | 0.079 | 9.6 | 770.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 21 | 43 | 49 | 0.0011 | 85 | 17.25 | 23.95 | 0.0011 | 0.021 | 13.28 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 33 | 43 | 77 | 0.0011 | 130 | 17.13 | 33.15 | 0.003 | 0.012 | 33.05 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte10ft | arsenic | mg/kg | 43 | 43 | 100 | 2.04 | 9.01 | 5.072 | 1.734 | -- | -- | 5.517 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte10ft | bap teq | mg/kg | 37 | 43 | 86 | 0.000689 | 2.282 | 0.187 | 0.413 | 0.00411 | 0.208 | 0.421 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte10ft | benzene | µg/kg | 18 | 43 | 42 | 0.25 | 22000 | 1408 | 5178 | 0.11 | 13 | 2867 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 32 | 43 | 74 | 0.0012 | 3.4 | 0.294 | 0.645 | 0.0007 | 0.26 | 0.601 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 25 | 43 | 58 | 0.0007 | 1.7 | 0.176 | 0.366 | 0.0005 | 0.39 | 0.3 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 43 | 21 | 0.005 | 0.11 | 0.0306 | 0.0391 | 0.0004 | 0.28 | 0.0218 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte10ft | cadmium | mg/kg | 19 | 43 | 44 | 0.106 | 0.518 | 0.202 | 0.102 | 0.0883 | 0.0883 | 0.17 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte10ft | chrysene | mg/kg | 36 | 43 | 84 | 0.0018 | 5.7 | 0.613 | 1.199 | 0.0095 | 0.47 | 1.261 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte10ft | cobalt | mg/kg | 43 | 43 | 100 | 3.18 | 14 | 9.045 | 2.526 | -- | -- | 9.693 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte10ft | copper | mg/kg | 43 | 43 | 100 | 4.02 | 36.8 | 16.29 | 7.137 | -- | -- | 18.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte10ft | ethylbenzene | µg/kg | 20 | 43 | 47 | 0.17 | 23000 | 3389 | 5975 | 0.12 | 0.19 | 2712 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 43 | 23 | 0.0011 | 0.087 | 0.0305 | 0.0342 | 0.0009 | 0.69 | 0.0183 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte10ft | lead | mg/kg | 43 | 43 | 100 | 1.61 | 140 | 10.11 | 20.69 | -- | -- | 23.86 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte10ft | naphthalene | mg/kg | 26 | 43 | 60 | 0.00037 | 46 | 7.476 | 11.82 | 0.00026 | 0.0004 | 11.11 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte10ft | pyrene | mg/kg | 39 | 43 | 91 | 0.0026 | 10 | 1.031 | 2.104 | 0.016 | 0.33 | 2.284 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte10ft | toluene | µg/kg | 11 | 43 | 26 | 0.18 | 1.7 | 0.529 | 0.441 | 0.12 | 66 | 0.406 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte10ft | tph as diesel | mg/kg | 41 | 43 | 95 | 11 | 22000 | 3661 | 5969 | 4.8 | 4.8 | 7400 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24710 marbella ave | lte10ft | tph as gasoline | mg/kg | 25 | 43 | 58 | 0.055 | 4900 | 609.7 | 1110 | 0.047 | 0.074 | 571.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24710 marbella ave | lte10ft | tph as motor oil | mg/kg | 41 | 43 | 95 | 7.4 | 20000 | 3650 | 5218 | 7 | 7 | 6906 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte10ft | vanadium | mg/kg | 43 | 43 | 100 | 12.3 | 51 | 33.89 | 7.267 | -- | -- | 35.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24710 marbella ave | lte10ft | xylenes, total | µg/kg | 19 | 43 | 44 | 0.18 | 52000 | 3834 | 12443 | 0.16 | 20 | 7344 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24710 marbella ave | lte10ft | zinc | mg/kg | 43 | 43 | 100 | 14.6 | 197 | 45.93 | 27.13 | -- | -- | 53.33 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 14 | 43 | 0.0041 | 0.1 | 0.0235 | 0.0377 | 0.0043 | 0.043 | 0.0255 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.0027 | 0.16 | 0.0356 | 0.0497 | 0.003 | 0.003 | 0.0899 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 3.44 | 10.9 | 5.174 | 2.339 | -- | -- | 6.326 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00356 | 0.319 | 0.0487 | 0.079 | -- | -- | 0.0946 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.0082 | 0.22 | 0.0418 | 0.0529 | -- | -- | 0.0654 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.0089 | 0.25 | 0.0396 | 0.0639 | 0.0025 | 0.0025 | 0.11 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 14 | 93 | 0.0041 | 0.13 | 0.0211 | 0.0333 | 0.0018 | 0.0018 | 0.0576 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 14 | 36 | 0.0039 | 0.059 | 0.0162 | 0.024 | 0.0045 | 0.009 | 0.021 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte02ft | bis(2-ethylhexyl) phthalate | mg/kg | 6 | 14 | 43 | 0.46 | 0.88 | 0.628 | 0.156 | 0.16 | 1.6 | 0.644 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.018 | 0.69 | 0.132 | 0.171 | -- | -- | 0.219 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.09 | 9.25 | 7.432 | 0.956 | -- | -- | 7.885 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 8.25 | 16.4 | 11.22 | 2.404 | -- | -- | 12.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 9 | 14 | 64 | 0.003 | 0.042 | 0.0105 | 0.0121 | 0.0034 | 0.0054 | 0.0133 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 14 | 79 | 0.0046 | 0.066 | 0.0119 | 0.018 | 0.0043 | 0.0069 | 0.0193 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 4.62 | 37.3 | 8.963 | 8.548 | -- | -- | 18.92 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte02ft | naphthalene | mg/kg | 8 | 14 | 57 | 0.006 | 0.04 | 0.0141 | 0.0111 | 0.00024 | 0.00028 | 0.015 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 neptune ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0085 | 1.1 | 0.136 | 0.285 | -- | -- | 0.468 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 45 | 380 | 152.3 | 94.22 | -- | -- | 196.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 110 | 870 | 432.1 | 226.6 | -- | -- | 539.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 23.2 | 37 | 28.97 | 4.129 | -- | -- | 30.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 27.3 | 63.2 | 36.22 | 9.08 | -- | -- | 40.76 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 25 | 56 | 0.0041 | 8.4 | 1.243 | 2.604 | 0.0011 | 0.043 | 2.486 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 25 | 88 | 0.0021 | 10 | 0.975 | 2.528 | 0.0012 | 0.003 | 2.945 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 1.42 | 11.5 | 5.006 | 2.418 | -- | -- | 5.877 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.00356 | 0.319 | 0.053 | 0.0754 | -- | -- | 0.0788 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 25 | 100 | 0.0028 | 0.28 | 0.0601 | 0.0788 | -- | -- | 0.11 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 22 | 25 | 88 | 0.0028 | 0.25 | 0.0416 | 0.0589 | 0.0025 | 0.049 | 0.087 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 25 | 80 | 0.0013 | 0.13 | 0.0231 | 0.0325 | 0.0018 | 0.035 | 0.0456 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 25 | 24 | 0.0039 | 0.059 | 0.0147 | 0.0217 | 0.0011 | 0.23 | 0.0117 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 10 | 25 | 40 | 0.41 | 0.88 | 0.589 | 0.143 | 0.16 | 1.6 | 0.565 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.0087 | 0.69 | 0.14 | 0.152 | -- | -- | 0.201 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 neptune ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 5.49 | 9.25 | 7.3 | 0.918 | -- | -- | 7.615 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 7.39 | 16.4 | 9.977 | 2.306 | -- | -- | 10.76 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 25 | 48 | 0.003 | 0.042 | 0.0101 | 0.0104 | 0.0007 | 0.13 | 0.00996 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24712 neptune ave | lte05ft | ethylbenzene | µg/kg | 6 | 25 | 24 | 1.6 | 240 | 104.8 | 99.75 | 0.11 | 0.15 | 81.32 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 25 | 64 | 0.001 | 0.066 | 0.0102 | 0.0151 | 0.0043 | 0.17 | 0.0138 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 2.78 | 37.3 | 6.922 | 6.738 | -- | -- | 12.8 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte05ft | naphthalene | mg/kg | 17 | 25 | 68 | 0.006 | 2.9 | 0.386 | 0.808 | 0.00024 | 0.00028 | 0.867 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte05ft | pyrene | mg/kg | 25 | 25 | 100 | 0.0085 | 1.4 | 0.209 | 0.346 | -- | -- | 0.551 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte05ft | tph as diesel | mg/kg | 25 | 25 | 100 | 45 | 6700 | 904.5 | 1542 | -- | -- | 2099 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte05ft | tph as gasoline | mg/kg | 10 | 25 | 40 | 0.056 | 610 | 195.8 | 250.9 | 0.047 | 0.055 | 142.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 neptune ave | lte05ft | tph as motor oil | mg/kg | 25 | 25 | 100 | 110 | 7900 | 1126 | 1646 | -- | -- | 1741 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 18.7 | 37.1 | 28.96 | 4.415 | -- | -- | 30.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 21.3 | 138 | 37.19 | 22.47 | -- | -- | 45.49 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 31 | 19 | 2.6 | 2100 | 753.1 | 973 | 0.086 | 9.7 | 311.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 21 | 32 | 66 | 0.0041 | 33 | 6.9 | 9.731 | 0.0011 | 0.043 | 7.249 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 29 | 32 | 91 | 0.0021 | 51 | 8.223 | 15.59 | 0.0012 | 0.003 | 19.04 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 1.42 | 11.5 | 4.733 | 2.226 | -- | -- | 5.47 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte10ft | bap teq | mg/kg | 31 | 32 | 97 | 0.00356 | 0.992 | 0.113 | 0.193 | 0.411 | 0.411 | 0.26 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 30 | 32 | 94 | 0.0028 | 1.4 | 0.155 | 0.28 | 0.13 | 0.52 | 0.36 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 25 | 32 | 78 | 0.0028 | 0.64 | 0.077 | 0.136 | 0.0025 | 0.39 | 0.162 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 21 | 32 | 66 | 0.0013 | 0.13 | 0.0251 | 0.033 | 0.0018 | 0.28 | 0.0464 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 32 | 19 | 0.0039 | 0.059 | 0.0147 | 0.0217 | 0.0011 | 0.9 | 0.0117 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 10 | 32 | 31 | 0.41 | 0.88 | 0.589 | 0.143 | 0.16 | 6.6 | 0.563 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte10ft | chrysene | mg/kg | 31 | 32 | 97 | 0.0087 | 2.7 | 0.297 | 0.501 | 0.95 | 0.95 | 0.678 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 neptune ave | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 5.49 | 9.25 | 7.134 | 0.904 | -- | -- | 7.405 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte10ft | copper | mg/kg | 32 | 32 | 100 | 7.39 | 16.4 | 9.663 | 2.146 | -- | -- | 10.33 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 32 | 38 | 0.003 | 0.042 | 0.0101 | 0.0104 | 0.0007 | 0.54 | 0.00977 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte10ft | ethylbenzene | µg/kg | 11 | 31 | 35 | 1.6 | 3600 | 442.1 | 1052 | 0.11 | 13 | 360.5 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 32 | 50 | 0.001 | 0.066 | 0.0102 | 0.0151 | 0.0043 | 0.69 | 0.0128 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte10ft | lead | mg/kg | 32 | 32 | 100 | 2.78 | 37.3 | 6.273 | 6.062 | -- | -- | 8.237 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte10ft | naphthalene | mg/kg | 24 | 32 | 75 | 0.006 | 21 | 3.502 | 6.218 | 0.00024 | 0.00028 | 6.945 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 neptune ave | lte10ft | pyrene | mg/kg | 31 | 32 | 97 | 0.0085 | 5.6 | 0.529 | 1.075 | 0.65 | 0.65 | 1.335 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte10ft | tph as diesel | mg/kg | 32 | 32 | 100 | 45 | 13000 | 2500 | 3794 | -- | -- | 4193 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 neptune ave | lte10ft | tph as gasoline | mg/kg | 17 | 32 | 53 | 0.056 | 1400 | 367.9 | 432.7 | 0.047 | 0.055 | 319.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 neptune ave | lte10ft | tph as motor oil | mg/kg | 32 | 32 | 100 | 110 | 13000 | 2533 | 3508 | -- | -- | 5141 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24712 neptune ave | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 18.7 | 37.1 | 28.77 | 4.087 | -- | -- | 30 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 neptune ave | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 21.3 | 138 | 35.42 | 20.11 | -- | -- | 41.93 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0049 | 0.23 | 0.0818 | 0.0817 | 0.0011 | 0.021 | 0.0942 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.0021 | 0.64 | 0.141 | 0.2 | 0.012 | 0.012 | 0.375 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 4.12 | 7.33 | 5.182 | 0.931 | -- | -- | 5.664 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00323 | 0.228 | 0.0916 | 0.0667 | -- | -- | 0.126 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0043 | 0.18 | 0.0802 | 0.0561 | -- | -- | 0.109 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.0023 | 0.16 | 0.0662 | 0.0475 | -- | -- | 0.0908 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 12 | 100 | 0.0017 | 0.14 | 0.0443 | 0.0388 | -- | -- | 0.075 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.011 | 0.42 | 0.195 | 0.138 | -- | -- | 0.266 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.46 | 10.8 | 7.055 | 1.341 | -- | -- | 7.751 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 panama ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 8.16 | 14.6 | 10.23 | 1.868 | -- | -- | 11.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 12 | 67 | 0.0074 | 0.048 | 0.0262 | 0.0142 | 0.0007 | 0.027 | 0.0288 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 12 | 75 | 0.011 | 0.1 | 0.0334 | 0.0281 | 0.0009 | 0.035 | 0.041 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.48 | 19.3 | 10.69 | 5.156 | -- | -- | 13.84 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte02ft | naphthalene | mg/kg | 11 | 12 | 92 | 0.00061 | 3.3 | 0.62 | 1.123 | 0.00026 | 0.00026 | 1.939 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 panama ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0052 | 0.31 | 0.117 | 0.0931 | -- | -- | 0.166 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 29 | 1800 | 353.6 | 513.2 | -- | -- | 720.4 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 panama ave | lte02ft | tph as gasoline | mg/kg | 5 | 12 | 42 | 0.062 | 0.1 | 0.0758 | 0.0144 | 0.046 | 0.054 | 0.0777 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 70 | 2800 | 735 | 820.3 | -- | -- | 1352 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 23.8 | 32 | 26.53 | 2.038 | -- | -- | 27.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 28.2 | 39.4 | 31.48 | 3.407 | -- | -- | 33.28 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 19 | 42 | 0.18 | 50 | 13.99 | 18.66 | 0.092 | 0.11 | 11.62 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 19 | 26 | 0.15 | 21 | 5.804 | 9.009 | 0.078 | 7.9 | 3.857 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 13 | 20 | 65 | 0.0049 | 2.6 | 0.54 | 0.926 | 0.0011 | 0.86 | 0.664 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 20 | 90 | 0.0021 | 2.8 | 0.487 | 0.892 | 0.012 | 0.48 | 1.279 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | arsenic | mg/kg | 20 | 20 | 100 | 1.83 | 7.33 | 4.466 | 1.34 | -- | -- | 4.984 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24712 panama ave | lte05ft | bap teq | mg/kg | 20 | 20 | 100 | 0.0032 | 1.639 | 0.234 | 0.364 | -- | -- | 0.398 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | benzene | µg/kg | 7 | 19 | 37 | 0.14 | 0.25 | 0.183 | 0.035 | 0.11 | 11 | 0.182 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 20 | 20 | 100 | 0.0043 | 1.3 | 0.227 | 0.31 | -- | -- | 0.384 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 20 | 100 | 0.0023 | 1.2 | 0.17 | 0.265 | -- | -- | 0.289 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 20 | 100 | 0.0015 | 0.9 | 0.112 | 0.197 | -- | -- | 0.194 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 20 | 35 | 0.013 | 0.09 | 0.0467 | 0.0335 | 0.0011 | 0.9 | 0.0397 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte05ft | chrysene | mg/kg | 20 | 20 | 100 | 0.009 | 4.8 | 0.592 | 1.052 | -- | -- | 1.03 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | cobalt | mg/kg | 20 | 20 | 100 | 4.16 | 10.8 | 6.952 | 1.296 | -- | -- | 7.453 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte05ft | copper | mg/kg | 20 | 20 | 100 | 6.63 | 16 | 10.72 | 2.625 | -- | -- | 11.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 13 | 20 | 65 | 0.0074 | 0.095 | 0.0398 | 0.0273 | 0.0007 | 0.54 | 0.0416 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 20 | 70 | 0.011 | 0.2 | 0.0542 | 0.0521 | 0.0009 | 0.69 | 0.0619 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | lead | mg/kg | 20 | 20 | 100 | 4.48 | 220 | 21.49 | 47.06 | -- | -- | 67.36 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 panama ave | lte05ft | naphthalene | mg/kg | 18 | 20 | 90 | 0.00061 | 3.3 | 0.525 | 0.902 | 0.00026 | 0.74 | 1.327 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0052 | 5.1 | 0.628 | 1.171 | -- | -- | 1.191 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte05ft | toluene | µg/kg | 7 | 19 | 37 | 0.12 | 0.18 | 0.146 | 0.0215 | 0.12 | 12 | 0.144 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte05ft | tph as diesel | mg/kg | 20 | 20 | 100 | 29 | 15000 | 1940 | 3573 | -- | -- | 5422 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 panama ave | lte05ft | tph as gasoline | mg/kg | 12 | 19 | 63 | 0.062 | 490 | 74.37 | 138.7 | 0.046 | 0.054 | 163.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 panama ave | lte05ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 70 | 38000 | 3549 | 8388 | -- | -- | 7395 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 panama ave | lte05ft | vanadium | mg/kg | 20 | 20 | 100 | 16.4 | 32 | 25.71 | 3.245 | -- | -- | 26.96 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 panama ave | lte05ft | zinc | mg/kg | 20 | 20 | 100 | 19.7 | 49 | 32.56 | 6.387 | -- | -- | 35.13 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 26 | 50 | 0.18 | 50 | 12.52 | 18.09 | 0.091 | 0.11 | 11.15 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 26 | 35 | 0.1 | 21 | 4.677 | 7.248 | 0.076 | 7.9 | 3.352 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 19 | 27 | 70 | 0.0049 | 2.6 | 0.4 | 0.787 | 0.0011 | 0.86 | 0.86 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 27 | 93 | 0.0018 | 2.8 | 0.399 | 0.774 | 0.012 | 0.48 | 1.004 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 panama ave | lte10ft | arsenic | mg/kg | 27 | 27 | 100 | 1.83 | 7.33 | 4.734 | 1.343 | -- | -- | 5.175 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte10ft | bap teq | mg/kg | 27 | 27 | 100 | 0.00294 | 1.979 | 0.271 | 0.471 | -- | -- | 0.449 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | benzene | µg/kg | 11 | 26 | 42 | 0.13 | 0.56 | 0.256 | 0.147 | 0.1 | 11 | 0.238 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 27 | 27 | 100 | 0.0031 | 1.9 | 0.257 | 0.429 | -- | -- | 0.424 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 27 | 27 | 100 | 0.0022 | 1.4 | 0.196 | 0.338 | -- | -- | 0.325 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 27 | 27 | 100 | 0.0014 | 1 | 0.134 | 0.247 | -- | -- | 0.226 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 27 | 41 | 0.0019 | 0.58 | 0.0859 | 0.167 | 0.0011 | 0.9 | 0.0784 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | chrysene | mg/kg | 27 | 27 | 100 | 0.0075 | 4.8 | 0.627 | 1.142 | -- | -- | 1.044 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | cobalt | mg/kg | 27 | 27 | 100 | 4.16 | 13.6 | 7.477 | 1.771 | -- | -- | 8.059 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | copper | mg/kg | 27 | 27 | 100 | 6.63 | 16.7 | 10.73 | 2.6 | -- | -- | 11.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 18 | 27 | 67 | 0.001 | 0.39 | 0.0529 | 0.0883 | 0.0007 | 0.54 | 0.0685 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | ethylbenzene | µg/kg | 7 | 26 | 27 | 0.15 | 57 | 9.131 | 21.14 | 0.12 | 12 | 6.535 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 27 | 70 | 0.0034 | 0.58 | 0.0843 | 0.133 | 0.0009 | 0.69 | 0.165 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | lead | mg/kg | 27 | 27 | 100 | 4.48 | 220 | 20.84 | 41.53 | -- | -- | 55.68 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 panama ave | lte10ft | naphthalene | mg/kg | 25 | 27 | 93 | 0.00061 | 3.3 | 0.41 | 0.786 | 0.00026 | 0.74 | 1.025 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 panama ave | lte10ft | pyrene | mg/kg | 27 | 27 | 100 | 0.0046 | 5.1 | 0.623 | 1.142 | -- | -- | 1.135 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | toluene | µg/kg | 11 | 26 | 42 | 0.12 | 0.62 | 0.25 | 0.194 | 0.12 | 12 | 0.239 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 panama ave | lte10ft | tph as diesel | mg/kg | 26 | 27 | 96 | 21 | 15000 | 1664 | 3188 | 4.8 | 4.8 | 4241 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 panama ave | lte10ft | tph as gasoline | mg/kg | 19 | 26 | 73 | 0.062 | 490 | 53.88 | 112.5 | 0.046 | 0.054 | 124.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 panama ave | lte10ft | tph as motor oil | mg/kg | 26 | 27 | 96 | 47 | 38000 | 3044 | 7417 | 7 | 7 | 9058 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 panama ave | lte10ft | vanadium | mg/kg | 27 | 27 | 100 | 16.4 | 38.8 | 27.5 | 4.601 | -- | -- | 29.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 panama ave | lte10ft | xylenes, total | µg/kg | 7 | 26 | 27 | 0.3 | 10 | 2.514 | 3.412 | 0.15 | 16 | 1.75 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 panama ave | lte10ft | zinc | mg/kg | 27 | 27 | 100 | 19.7 | 72.9 | 34.51 | 9.544 | -- | -- | 37.81 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 5 | 11 | 45 | 0.0022 | 0.013 | 0.0059 | 0.00418 | 0.0011 | 0.021 | 0.00664 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 11 | 82 | 0.0006 | 0.023 | 0.00757 | 0.00763 | 0.0006 | 0.0006 | 0.0104 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 3.27 | 7.44 | 5.693 | 1.213 | -- | -- | 6.355 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | gt05lte10ft | bap teq | mg/kg | 10 | 11 | 91 | 0.000536 | 0.108 | 0.013 | 0.0336 | 0.00053 | 0.00053 | 0.0542 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 11 | 82 | 0.0009 | 0.1 | 0.0131 | 0.0326 | 0.0007 | 0.0007 | 0.0502 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 11 | 82 | 0.0007 | 0.08 | 0.0106 | 0.026 | 0.0005 | 0.0005 | 0.0402 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 11 | 64 | 0.0006 | 0.051 | 0.00859 | 0.0187 | 0.0004 | 0.0004 | 0.026 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | gt05lte10ft | chrysene | mg/kg | 10 | 11 | 91 | 0.0012 | 0.37 | 0.0415 | 0.115 | 0.0012 | 0.0012 | 0.183 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 5.27 | 9.29 | 6.782 | 1.116 | -- | -- | 7.392 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 6.53 | 13.7 | 8.281 | 1.885 | -- | -- | 9.39 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 11 | 45 | 0.001 | 0.024 | 0.0057 | 0.0102 | 0.0009 | 0.0009 | 0.00731 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 4.09 | 12.7 | 5.576 | 2.413 | -- | -- | 7.007 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24712 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 9 | 11 | 82 | 0.0013 | 0.012 | 0.00421 | 0.00385 | 0.00026 | 0.00026 | 0.00565 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | gt05lte10ft | pyrene | mg/kg | 10 | 11 | 91 | 0.0019 | 0.31 | 0.036 | 0.0963 | 0.0008 | 0.0008 | 0.154 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 5 | 11 | 45 | 20 | 600 | 141.8 | 256.3 | 4.8 | 4.8 | 181.9 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 11 | 64 | 0.075 | 0.37 | 0.215 | 0.124 | 0.045 | 0.048 | 0.239 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 7.4 | 930 | 114.5 | 272 | -- | -- | 471.9 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 23.9 | 32.1 | 27.96 | 2.419 | -- | -- | 29.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 25.7 | 33.8 | 28.93 | 2.704 | -- | -- | 30.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 20 | 30 | 0.0012 | 0.028 | 0.0104 | 0.0107 | 0.0011 | 0.086 | 0.00968 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 19 | 20 | 95 | 0.0011 | 0.12 | 0.0236 | 0.0299 | 0.0006 | 0.0006 | 0.0513 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 3.46 | 8.7 | 5.435 | 1.57 | -- | -- | 6.074 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00149 | 0.281 | 0.0613 | 0.0698 | -- | -- | 0.102 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | benzene | µg/kg | 12 | 20 | 60 | 0.18 | 0.45 | 0.28 | 0.0874 | 0.11 | 0.13 | 0.274 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 19 | 20 | 95 | 0.0024 | 0.24 | 0.0525 | 0.0599 | 0.0007 | 0.0007 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 20 | 20 | 100 | 0.0012 | 0.22 | 0.0461 | 0.0539 | -- | -- | 0.0773 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 20 | 90 | 0.0012 | 0.13 | 0.0324 | 0.036 | 0.0004 | 0.0018 | 0.0638 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0014 | 0.66 | 0.135 | 0.167 | -- | -- | 0.233 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 4.96 | 7.71 | 6.401 | 0.585 | -- | -- | 6.627 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 7.54 | 15.1 | 10.47 | 2.078 | -- | -- | 11.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 14 | 20 | 70 | 0.001 | 0.033 | 0.0115 | 0.00964 | 0.0007 | 0.054 | 0.0125 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 20 | 80 | 0.0012 | 0.046 | 0.0172 | 0.0158 | 0.0009 | 0.069 | 0.0304 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 3.62 | 73.4 | 13.06 | 15 | -- | -- | 17.47 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte02ft | naphthalene | mg/kg | 13 | 20 | 65 | 0.0009 | 0.026 | 0.0106 | 0.00861 | 0.00026 | 0.00032 | 0.0106 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.001 | 0.4 | 0.107 | 0.131 | -- | -- | 0.191 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | toluene | µg/kg | 10 | 20 | 50 | 0.13 | 0.42 | 0.196 | 0.0862 | 0.12 | 0.15 | 0.19 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte02ft | tph as diesel | mg/kg | 20 | 20 | 100 | 5.5 | 1800 | 245.6 | 406.8 | -- | -- | 455.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | tph as gasoline | mg/kg | 8 | 20 | 40 | 0.053 | 0.11 | 0.0756 | 0.0198 | 0.047 | 0.061 | 0.0723 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte02ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 21 | 5100 | 710.5 | 1149 | -- | -- | 1286 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 19.8 | 29 | 24.23 | 2.733 | -- | -- | 25.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 25 | 79.6 | 37.38 | 12.59 | -- | -- | 42.06 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 34 | 21 | 0.1 | 2500 | 364 | 941.9 | 0.089 | 9.4 | 207.4 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 18 | 34 | 53 | 0.0012 | 9.3 | 0.767 | 2.28 | 0.0011 | 0.086 | 1.682 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 32 | 34 | 94 | 0.0011 | 12 | 0.558 | 2.252 | 0.0006 | 0.012 | 2.162 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte05ft | antimony | mg/kg | 12 | 34 | 35 | 0.374 | 1.02 | 0.577 | 0.195 | 0.306 | 0.306 | 0.505 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte05ft | arsenic | mg/kg | 34 | 34 | 100 | 2.23 | 8.7 | 4.881 | 1.545 | -- | -- | 5.35 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte05ft | bap teq | mg/kg | 34 | 34 | 100 | 0.00149 | 1.51 | 0.136 | 0.283 | -- | -- | 0.347 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte05ft | benzene | µg/kg | 20 | 34 | 59 | 0.12 | 40 | 2.345 | 8.868 | 0.11 | 11 | 6.59 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 33 | 34 | 97 | 0.0024 | 0.96 | 0.0944 | 0.171 | 0.0007 | 0.0007 | 0.218 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 34 | 34 | 100 | 0.0012 | 1.2 | 0.105 | 0.223 | -- | -- | 0.271 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 31 | 34 | 91 | 0.0012 | 0.71 | 0.0745 | 0.154 | 0.0004 | 0.0018 | 0.179 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 11 | 34 | 32 | 0.0023 | 0.32 | 0.0533 | 0.0967 | 0.0011 | 0.23 | 0.0651 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte05ft | cadmium | mg/kg | 5 | 34 | 15 | 0.141 | 0.184 | 0.159 | 0.0223 | 0.0883 | 0.0883 | 0.147 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 34 | 15 | 0.087 | 0.35 | 0.193 | 0.0974 | 0.038 | 0.22 | 0.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte05ft | chrysene | mg/kg | 34 | 34 | 100 | 0.0014 | 5.1 | 0.315 | 0.863 | -- | -- | 0.498 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte05ft | cobalt | mg/kg | 34 | 34 | 100 | 4.96 | 8.69 | 6.543 | 0.734 | -- | -- | 6.759 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte05ft | copper | mg/kg | 34 | 34 | 100 | 6.58 | 26.8 | 10.55 | 4.185 | -- | -- | 11.82 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 27 | 34 | 79 | 0.001 | 0.16 | 0.0226 | 0.0384 | 0.0007 | 0.054 | 0.0448 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 30 | 34 | 88 | 0.0012 | 0.26 | 0.0357 | 0.0638 | 0.0009 | 0.069 | 0.0776 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte05ft | lead | mg/kg | 34 | 34 | 100 | 3.62 | 146 | 15.45 | 25.89 | -- | -- | 34.8 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte05ft | naphthalene | mg/kg | 25 | 34 | 74 | 0.0009 | 4.2 | 0.233 | 0.86 | 0.00025 | 0.00032 | 0.728 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte05ft | pyrene | mg/kg | 34 | 34 | 100 | 0.001 | 6.4 | 0.333 | 1.086 | -- | -- | 0.57 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte05ft | toluene | µg/kg | 13 | 34 | 38 | 0.13 | 110 | 8.868 | 30.4 | 0.11 | 12 | 17.91 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte05ft | tph as diesel | mg/kg | 34 | 34 | 100 | 5.5 | 10000 | 676 | 1716 | -- | -- | 1126 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte05ft | tph as gasoline | mg/kg | 20 | 34 | 59 | 0.053 | 220 | 24.71 | 53.75 | 0.047 | 0.061 | 46.75 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte05ft | tph as motor oil | mg/kg | 34 | 34 | 100 | 21 | 15000 | 1306 | 2681 | -- | -- | 2024 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte05ft | vanadium | mg/kg | 34 | 34 | 100 | 19.8 | 34.9 | 24.8 | 3.43 | -- | -- | 25.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte05ft | xylenes, total | µg/kg | 5 | 34 | 15 | 0.23 | 860 | 176 | 382.5 | 0.15 | 17 | 73.19 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte05ft | zinc | mg/kg | 34 | 34 | 100 | 23.6 | 120 | 38.94 | 19.84 | -- | -- | 44.97 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 45 | 24 | 0.097 | 2500 | 232.2 | 752.2 | 0.086 | 9.4 | 307.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 45 | 13 | 0.078 | 980 | 164.9 | 399.3 | 0.072 | 8.2 | 61.7 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24712 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 23 | 45 | 51 | 0.0012 | 9.3 | 0.602 | 2.03 | 0.0011 | 0.086 | 1.273 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 41 | 45 | 91 | 0.0006 | 12 | 0.437 | 1.996 | 0.0006 | 0.012 | 1.639 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte10ft | antimony | mg/kg | 15 | 45 | 33 | 0.374 | 1.02 | 0.579 | 0.174 | 0.306 | 0.306 | 0.504 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | arsenic | mg/kg | 45 | 45 | 100 | 2.23 | 8.7 | 5.08 | 1.5 | -- | -- | 5.455 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | bap teq | mg/kg | 44 | 45 | 98 | 0.000536 | 1.51 | 0.108 | 0.253 | 0.00053 | 0.00053 | 0.269 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | benzene | µg/kg | 23 | 45 | 51 | 0.12 | 40 | 2.077 | 8.272 | 0.099 | 11 | 5.023 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 42 | 45 | 93 | 0.0009 | 0.96 | 0.077 | 0.156 | 0.0007 | 0.0007 | 0.17 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24712 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 43 | 45 | 96 | 0.0007 | 1.2 | 0.085 | 0.201 | 0.0005 | 0.0005 | 0.21 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 38 | 45 | 84 | 0.0006 | 0.71 | 0.0623 | 0.141 | 0.0004 | 0.0018 | 0.138 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 45 | 24 | 0.0023 | 0.32 | 0.0533 | 0.0967 | 0.0011 | 0.23 | 0.0499 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | cadmium | mg/kg | 5 | 45 | 11 | 0.141 | 0.184 | 0.159 | 0.0223 | 0.0883 | 0.0883 | 0.145 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 45 | 16 | 0.057 | 0.35 | 0.162 | 0.0971 | 0.038 | 0.22 | 0.168 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | chrysene | mg/kg | 44 | 45 | 98 | 0.0012 | 5.1 | 0.253 | 0.767 | 0.0012 | 0.0012 | 0.741 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte10ft | cobalt | mg/kg | 45 | 45 | 100 | 4.96 | 9.29 | 6.601 | 0.835 | -- | -- | 6.814 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte10ft | copper | mg/kg | 45 | 45 | 100 | 6.53 | 26.8 | 9.997 | 3.862 | -- | -- | 11.01 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 30 | 45 | 67 | 0.0008 | 0.16 | 0.021 | 0.0367 | 0.0007 | 0.054 | 0.0349 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | ethylbenzene | µg/kg | 7 | 45 | 16 | 0.13 | 170 | 25.08 | 63.92 | 0.11 | 13 | 21.58 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 35 | 45 | 78 | 0.001 | 0.26 | 0.0314 | 0.06 | 0.0009 | 0.069 | 0.0602 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte10ft | lead | mg/kg | 45 | 45 | 100 | 3.62 | 146 | 13.03 | 22.85 | -- | -- | 27.88 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte10ft | naphthalene | mg/kg | 34 | 45 | 76 | 0.0009 | 4.2 | 0.172 | 0.741 | 0.00025 | 0.00032 | 0.552 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte10ft | pyrene | mg/kg | 44 | 45 | 98 | 0.001 | 6.4 | 0.266 | 0.961 | 0.0008 | 0.0008 | 0.878 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte10ft | toluene | µg/kg | 16 | 45 | 36 | 0.13 | 110 | 7.261 | 27.41 | 0.11 | 12 | 13.53 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte10ft | tph as diesel | mg/kg | 39 | 45 | 87 | 5.5 | 10000 | 607.6 | 1612 | 4.8 | 4.8 | 1512 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte10ft | tph as gasoline | mg/kg | 27 | 45 | 60 | 0.053 | 220 | 18.36 | 47.23 | 0.045 | 0.061 | 35.54 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24712 ravenna ave | lte10ft | tph as motor oil | mg/kg | 45 | 45 | 100 | 7.4 | 15000 | 1015 | 2382 | -- | -- | 1574 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte10ft | vanadium | mg/kg | 45 | 45 | 100 | 19.8 | 34.9 | 25.57 | 3.471 | -- | -- | 26.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24712 ravenna ave | lte10ft | xylenes, total | µg/kg | 6 | 45 | 13 | 0.23 | 860 | 147.2 | 349.3 | 0.15 | 17 | 54.59 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24712 ravenna ave | lte10ft | zinc | mg/kg | 45 | 45 | 100 | 23.6 | 120 | 36.49 | 17.77 | -- | -- | 41.16 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 9 | 67 | 0.0013 | 0.055 | 0.0134 | 0.0207 | 0.0011 | 0.0011 | 0.0204 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 9 | 78 | 0.0011 | 0.15 | 0.03 | 0.054 | 0.0006 | 0.0006 | 0.0953 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 4.34 | 9.79 | 6.74 | 1.911 | -- | -- | 7.925 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | bap teq | mg/kg | 5 | 9 | 56 | 0.000855 | 0.0104 | 0.00471 | 0.00488 | 0.00053 | 0.00261 | 0.00975 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 5 | 9 | 56 | 0.0007 | 0.0087 | 0.00374 | 0.00396 | 0.0007 | 0.0033 | 0.00486 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 9 | 56 | 0.0005 | 0.0081 | 0.00338 | 0.00363 | 0.0005 | 0.0025 | 0.00407 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 4.19 | 7.83 | 6.031 | 0.943 | -- | -- | 6.616 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 6.53 | 18 | 11.3 | 3.447 | -- | -- | 13.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 1.6 | 5.11 | 2.764 | 1.191 | -- | -- | 3.502 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | naphthalene | mg/kg | 9 | 9 | 100 | 0.0023 | 0.75 | 0.154 | 0.248 | -- | -- | 0.631 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | pyrene | mg/kg | 6 | 9 | 67 | 0.0009 | 0.035 | 0.00995 | 0.0137 | 0.0008 | 0.0041 | 0.0149 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 19.8 | 41.3 | 29.91 | 6.703 | -- | -- | 34.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 22.3 | 46.3 | 33.93 | 6.713 | -- | -- | 38.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 16 | 19 | 84 | 0.0014 | 0.089 | 0.0252 | 0.0287 | 0.0011 | 0.043 | 0.0498 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 19 | 95 | 0.0008 | 0.31 | 0.0584 | 0.0852 | 0.024 | 0.024 | 0.14 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 marbella ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 3.4 | 8.3 | 5.368 | 1.141 | -- | -- | 5.822 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | bap teq | mg/kg | 18 | 19 | 95 | 0.000595 | 0.086 | 0.0271 | 0.0263 | 0.00513 | 0.00513 | 0.0521 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte02ft | benzene | µg/kg | 9 | 19 | 47 | 0.13 | 2.3 | 0.511 | 0.682 | 0.1 | 0.13 | 0.514 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 19 | 84 | 0.0007 | 0.047 | 0.0159 | 0.0147 | 0.0065 | 0.026 | 0.0202 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 19 | 89 | 0.0007 | 0.067 | 0.0221 | 0.021 | 0.0005 | 0.0049 | 0.0409 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 19 | 79 | 0.0006 | 0.026 | 0.0107 | 0.00837 | 0.0004 | 0.014 | 0.0122 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 19 | 32 | 0.0025 | 0.016 | 0.00763 | 0.00461 | 0.0011 | 0.045 | 0.00805 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | cadmium | mg/kg | 14 | 19 | 74 | 0.0904 | 0.341 | 0.179 | 0.0717 | 0.0883 | 0.0883 | 0.185 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | chrysene | mg/kg | 16 | 19 | 84 | 0.0013 | 0.077 | 0.0366 | 0.0268 | 0.0012 | 0.012 | 0.0422 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 7.83 | 14.3 | 11.17 | 1.608 | -- | -- | 11.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 9.76 | 26.7 | 18.05 | 5.605 | -- | -- | 20.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 19 | 32 | 0.001 | 0.0071 | 0.0052 | 0.00236 | 0.0007 | 0.027 | 0.00569 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 19 | 58 | 0.0014 | 0.047 | 0.0128 | 0.0131 | 0.0009 | 0.035 | 0.0134 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 3.88 | 12 | 7.209 | 2.481 | -- | -- | 8.196 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | naphthalene | mg/kg | 18 | 19 | 95 | 0.002 | 2.1 | 0.346 | 0.567 | 0.00025 | 0.00025 | 0.886 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte02ft | pyrene | mg/kg | 17 | 19 | 89 | 0.0017 | 0.12 | 0.0361 | 0.0378 | 0.0082 | 0.033 | 0.0703 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24713 marbella ave | lte02ft | toluene | µg/kg | 8 | 19 | 42 | 0.13 | 1.2 | 0.348 | 0.35 | 0.12 | 0.14 | 0.338 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 marbella ave | lte02ft | tph as diesel | mg/kg | 13 | 19 | 68 | 9.7 | 820 | 199.9 | 245 | 4.8 | 4.8 | 243.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte02ft | tph as motor oil | mg/kg | 14 | 19 | 74 | 16 | 2700 | 598.4 | 754.6 | 7 | 7 | 1145 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 28.3 | 45.4 | 37.53 | 4.468 | -- | -- | 39.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 31.2 | 56.4 | 44.49 | 8.977 | -- | -- | 48.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 28 | 18 | 0.16 | 0.39 | 0.274 | 0.0817 | 0.09 | 0.11 | 0.284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 23 | 28 | 82 | 0.0012 | 0.089 | 0.0221 | 0.0253 | 0.0011 | 0.043 | 0.0389 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 27 | 28 | 96 | 0.0008 | 0.31 | 0.0498 | 0.0738 | 0.024 | 0.024 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | arsenic | mg/kg | 28 | 28 | 100 | 3.37 | 8.3 | 4.979 | 1.161 | -- | -- | 5.352 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte05ft | bap teq | mg/kg | 21 | 28 | 75 | 0.000595 | 0.086 | 0.0239 | 0.0256 | 0.00053 | 0.00513 | 0.0382 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | benzene | µg/kg | 10 | 28 | 36 | 0.13 | 2.3 | 0.474 | 0.654 | 0.1 | 0.13 | 0.391 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 28 | 68 | 0.0007 | 0.047 | 0.0139 | 0.0143 | 0.0007 | 0.026 | 0.0147 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 28 | 71 | 0.0007 | 0.067 | 0.0193 | 0.0205 | 0.0005 | 0.0049 | 0.03 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 28 | 57 | 0.0006 | 0.026 | 0.0102 | 0.00838 | 0.0004 | 0.014 | 0.00899 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 28 | 25 | 0.002 | 0.016 | 0.00683 | 0.00472 | 0.0011 | 0.045 | 0.00634 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte05ft | cadmium | mg/kg | 15 | 28 | 54 | 0.0883 | 0.341 | 0.173 | 0.073 | 0.0883 | 0.0883 | 0.157 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte05ft | chrysene | mg/kg | 18 | 28 | 64 | 0.0013 | 0.077 | 0.0329 | 0.0274 | 0.0012 | 0.012 | 0.0306 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 4.52 | 14.3 | 9.585 | 2.786 | -- | -- | 10.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte05ft | copper | mg/kg | 28 | 28 | 100 | 6 | 26.7 | 14.72 | 6.762 | -- | -- | 17.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 7 | 28 | 25 | 0.0007 | 0.0071 | 0.00456 | 0.00274 | 0.0007 | 0.027 | 0.00489 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 28 | 43 | 0.0014 | 0.047 | 0.0119 | 0.0128 | 0.0009 | 0.035 | 0.00958 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | lead | mg/kg | 28 | 28 | 100 | 1.98 | 12 | 5.741 | 2.985 | -- | -- | 6.852 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | naphthalene | mg/kg | 27 | 28 | 96 | 0.002 | 2.1 | 0.306 | 0.489 | 0.00025 | 0.00025 | 0.693 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | pyrene | mg/kg | 20 | 28 | 71 | 0.0017 | 0.12 | 0.032 | 0.0362 | 0.0008 | 0.033 | 0.0514 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | toluene | µg/kg | 9 | 28 | 32 | 0.13 | 1.2 | 0.326 | 0.334 | 0.12 | 0.14 | 0.276 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 marbella ave | lte05ft | tph as diesel | mg/kg | 14 | 28 | 50 | 6.1 | 820 | 186.1 | 241.1 | 4.8 | 4.8 | 158.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | tph as motor oil | mg/kg | 15 | 28 | 54 | 16 | 2700 | 559.8 | 742.3 | 7 | 7 | 525 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 19.7 | 45.4 | 34.02 | 7.039 | -- | -- | 36.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 20.7 | 56.4 | 38.83 | 11.41 | -- | -- | 42.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 37 | 19 | 0.11 | 0.39 | 0.243 | 0.0911 | 0.09 | 0.11 | 0.234 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 29 | 37 | 78 | 0.0012 | 0.089 | 0.0203 | 0.0243 | 0.0011 | 0.043 | 0.0329 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 34 | 37 | 92 | 0.0008 | 0.31 | 0.0458 | 0.0699 | 0.0006 | 0.024 | 0.0911 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 marbella ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 3.37 | 9.79 | 5.407 | 1.552 | -- | -- | 5.846 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | bap teq | mg/kg | 26 | 37 | 70 | 0.000595 | 0.086 | 0.0202 | 0.0242 | 0.00053 | 0.00513 | 0.0304 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | benzene | µg/kg | 10 | 37 | 27 | 0.13 | 2.3 | 0.474 | 0.654 | 0.1 | 0.13 | 0.327 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 24 | 37 | 65 | 0.0007 | 0.047 | 0.0118 | 0.0134 | 0.0007 | 0.026 | 0.0116 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 25 | 37 | 68 | 0.0005 | 0.067 | 0.0161 | 0.0194 | 0.0005 | 0.0049 | 0.0163 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 19 | 37 | 51 | 0.0005 | 0.026 | 0.00891 | 0.00825 | 0.0004 | 0.014 | 0.00734 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 37 | 22 | 0.002 | 0.016 | 0.0063 | 0.00461 | 0.0011 | 0.045 | 0.00486 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte10ft | cadmium | mg/kg | 15 | 37 | 41 | 0.0883 | 0.341 | 0.173 | 0.073 | 0.0883 | 0.0883 | 0.141 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte10ft | chrysene | mg/kg | 21 | 37 | 57 | 0.0013 | 0.077 | 0.0301 | 0.0265 | 0.0012 | 0.012 | 0.025 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 4.19 | 14.3 | 8.721 | 2.9 | -- | -- | 9.607 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 marbella ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 6 | 26.7 | 13.89 | 6.256 | -- | -- | 15.77 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 37 | 19 | 0.0007 | 0.0071 | 0.00456 | 0.00274 | 0.0007 | 0.027 | 0.00488 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 37 | 35 | 0.0014 | 0.047 | 0.0112 | 0.0126 | 0.0009 | 0.035 | 0.0076 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 1.6 | 12 | 5.017 | 2.945 | -- | -- | 5.917 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | naphthalene | mg/kg | 36 | 37 | 97 | 0.002 | 2.1 | 0.268 | 0.442 | 0.00025 | 0.00025 | 0.575 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 marbella ave | lte10ft | pyrene | mg/kg | 26 | 37 | 70 | 0.0009 | 0.12 | 0.0269 | 0.0335 | 0.0008 | 0.033 | 0.0413 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 marbella ave | lte10ft | toluene | µg/kg | 10 | 37 | 27 | 0.13 | 1.2 | 0.306 | 0.321 | 0.12 | 0.14 | 0.237 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 marbella ave | lte10ft | tph as diesel | mg/kg | 15 | 37 | 41 | 5.3 | 820 | 174 | 236.9 | 4.8 | 4.8 | 121.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | tph as motor oil | mg/kg | 15 | 37 | 41 | 16 | 2700 | 559.8 | 742.3 | 7 | 7 | 388.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 marbella ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 19.7 | 45.4 | 33.02 | 7.095 | -- | -- | 34.99 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 marbella ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 20.7 | 56.4 | 37.64 | 10.59 | -- | -- | 40.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 9 | 78 | 0.12 | 29 | 4.996 | 10.64 | 0.094 | 0.86 | 17.93 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 9 | 56 | 0.11 | 9.2 | 2.288 | 3.92 | 0.078 | 1 | 3.343 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 9 | 9 | 100 | 0.0024 | 0.57 | 0.0927 | 0.181 | -- | -- | 0.275 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 9 | 100 | 0.0034 | 0.6 | 0.11 | 0.189 | -- | -- | 0.301 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 5.19 | 6.9 | 5.899 | 0.585 | -- | -- | 6.262 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | bap teq | mg/kg | 9 | 9 | 100 | 0.00467 | 2.124 | 0.298 | 0.687 | -- | -- | 1.385 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24713 panama ave | gt05lte10ft | benzene | µg/kg | 6 | 9 | 67 | 0.14 | 41 | 7.14 | 16.59 | 0.11 | 0.82 | 25.18 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 9 | 100 | 0.0037 | 1.2 | 0.169 | 0.387 | -- | -- | 0.732 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 9 | 100 | 0.0027 | 1.8 | 0.247 | 0.584 | -- | -- | 1.209 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 9 | 100 | 0.0019 | 0.87 | 0.136 | 0.278 | -- | -- | 0.575 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 9 | 56 | 0.0031 | 0.026 | 0.0105 | 0.0091 | 0.0011 | 0.088 | 0.0136 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | cadmium | mg/kg | 7 | 9 | 78 | 0.015 | 0.336 | 0.205 | 0.117 | 0.0064 | 0.0064 | 0.25 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | chrysene | mg/kg | 9 | 9 | 100 | 0.011 | 3.5 | 0.501 | 1.129 | -- | -- | 2.141 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 7.42 | 9.36 | 8.386 | 0.751 | -- | -- | 8.851 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 11 | 24.9 | 13.98 | 4.385 | -- | -- | 16.76 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 9 | 100 | 0.0013 | 0.54 | 0.0856 | 0.174 | -- | -- | 0.416 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 5 | 209 | 41.04 | 67.02 | -- | -- | 209 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | gt05lte10ft | naphthalene | mg/kg | 8 | 9 | 89 | 0.0011 | 0.12 | 0.0276 | 0.0387 | 0.00026 | 0.00026 | 0.0792 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | pyrene | mg/kg | 9 | 9 | 100 | 0.011 | 7 | 0.931 | 2.28 | -- | -- | 4.243 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | toluene | µg/kg | 6 | 9 | 67 | 0.16 | 1.1 | 0.425 | 0.384 | 0.12 | 0.83 | 0.561 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | tph as diesel | mg/kg | 9 | 9 | 100 | 19 | 13000 | 1883 | 4219 | -- | -- | 9344 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 9 | 78 | 0.11 | 0.87 | 0.367 | 0.245 | 0.047 | 0.049 | 0.462 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 9 | 100 | 55 | 32000 | 4894 | 10406 | -- | -- | 23829 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 30 | 40 | 34.46 | 2.765 | -- | -- | 36.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 8 | 75 | 0.42 | 65 | 11.46 | 26.24 | 0.16 | 0.16 | 44.63 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 30 | 59.7 | 38.2 | 9.457 | -- | -- | 44.39 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 16 | 56 | 0.11 | 0.18 | 0.139 | 0.0271 | 0.096 | 0.11 | 0.139 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 13 | 16 | 81 | 0.0011 | 0.012 | 0.00586 | 0.00324 | 0.0043 | 0.0043 | 0.00665 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 16 | 100 | 0.002 | 0.033 | 0.0133 | 0.0101 | -- | -- | 0.0192 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.3 | 13.6 | 5.585 | 2.972 | -- | -- | 7.026 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00188 | 0.0768 | 0.0261 | 0.0222 | -- | -- | 0.0358 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte02ft | benzene | µg/kg | 12 | 16 | 75 | 0.13 | 3 | 0.723 | 0.97 | 0.11 | 0.12 | 1.535 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0022 | 0.088 | 0.0244 | 0.025 | -- | -- | 0.0395 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0013 | 0.055 | 0.0198 | 0.0158 | 0.002 | 0.002 | 0.0257 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 16 | 100 | 0.0007 | 0.044 | 0.0152 | 0.0135 | -- | -- | 0.0246 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 16 | 38 | 0.0019 | 0.0099 | 0.00535 | 0.00323 | 0.0011 | 0.0056 | 0.00566 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte02ft | cadmium | mg/kg | 14 | 16 | 88 | 0.0072 | 0.498 | 0.276 | 0.162 | 0.0064 | 0.0064 | 0.32 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.005 | 0.27 | 0.0755 | 0.0773 | -- | -- | 0.125 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 4.2 | 9.1 | 6.741 | 1.303 | -- | -- | 7.312 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 8.7 | 18.2 | 13.22 | 2.794 | -- | -- | 14.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 16 | 63 | 0.0024 | 0.017 | 0.00669 | 0.00468 | 0.0007 | 0.0027 | 0.00714 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 16 | 81 | 0.0033 | 0.02 | 0.00819 | 0.00454 | 0.0009 | 0.0035 | 0.00931 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.1 | 35 | 11.13 | 7.869 | -- | -- | 14.83 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte02ft | naphthalene | mg/kg | 13 | 16 | 81 | 0.0016 | 0.013 | 0.00643 | 0.00405 | 0.00025 | 0.00027 | 0.00734 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.003 | 0.11 | 0.0363 | 0.0319 | -- | -- | 0.0566 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte02ft | toluene | µg/kg | 14 | 16 | 88 | 0.12 | 0.58 | 0.237 | 0.153 | 0.13 | 0.13 | 0.384 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte02ft | tph as diesel | mg/kg | 14 | 16 | 88 | 14 | 540 | 144.4 | 182 | 4.8 | 4.8 | 319.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte02ft | tph as motor oil | mg/kg | 14 | 16 | 88 | 37 | 1800 | 509.1 | 602.1 | 7 | 7 | 1089 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 21 | 36 | 26.95 | 4.439 | -- | -- | 28.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 20 | 77 | 36.02 | 12.96 | -- | -- | 42.02 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 25 | 60 | 0.11 | 53 | 6.464 | 15.65 | 0.09 | 0.11 | 14.86 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 25 | 20 | 0.52 | 10 | 3.488 | 3.931 | 0.076 | 0.092 | 2.988 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 22 | 25 | 88 | 0.0011 | 2.7 | 0.203 | 0.599 | 0.0043 | 0.0043 | 0.673 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 24 | 25 | 96 | 0.002 | 4.9 | 0.379 | 1.208 | 0.012 | 0.012 | 1.398 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 2.3 | 16.5 | 5.994 | 3.406 | -- | -- | 7.22 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.00188 | 1.012 | 0.113 | 0.22 | -- | -- | 0.305 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte05ft | benzene | µg/kg | 20 | 25 | 80 | 0.13 | 4.1 | 0.793 | 1.092 | 0.11 | 0.12 | 1.545 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 25 | 100 | 0.0022 | 0.52 | 0.087 | 0.138 | -- | -- | 0.207 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 25 | 96 | 0.0013 | 0.71 | 0.088 | 0.161 | 0.002 | 0.002 | 0.223 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 25 | 25 | 100 | 0.0007 | 0.8 | 0.066 | 0.162 | -- | -- | 0.122 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 11 | 25 | 44 | 0.0019 | 0.53 | 0.062 | 0.158 | 0.0011 | 0.023 | 0.124 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte05ft | bromomethane | µg/kg | 5 | 25 | 20 | 0.87 | 3.6 | 1.992 | 1.346 | 0.67 | 0.81 | 1.576 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte05ft | cadmium | mg/kg | 21 | 25 | 84 | 0.0072 | 0.618 | 0.26 | 0.168 | 0.0064 | 0.0064 | 0.283 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.005 | 1.4 | 0.264 | 0.393 | -- | -- | 0.607 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 4.2 | 9.1 | 6.888 | 1.167 | -- | -- | 7.287 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24713 panama ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 8.7 | 20 | 13.15 | 2.873 | -- | -- | 14.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 14 | 25 | 56 | 0.0015 | 0.18 | 0.0248 | 0.0506 | 0.0007 | 0.018 | 0.0494 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte05ft | ethylbenzene | µg/kg | 9 | 25 | 36 | 0.14 | 69 | 10.53 | 22.63 | 0.12 | 0.14 | 16.58 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 25 | 88 | 0.0018 | 0.42 | 0.0359 | 0.0887 | 0.0009 | 0.0035 | 0.105 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 3.1 | 35 | 13.35 | 8.957 | -- | -- | 16.83 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte05ft | methylene chloride | µg/kg | 5 | 25 | 20 | 5 | 7 | 6 | 0.718 | 3.8 | 4.6 | 6.136 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte05ft | naphthalene | mg/kg | 19 | 25 | 76 | 0.0016 | 1.4 | 0.143 | 0.372 | 0.00025 | 0.00027 | 0.397 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte05ft | pyrene | mg/kg | 25 | 25 | 100 | 0.003 | 2.2 | 0.403 | 0.734 | -- | -- | 1.043 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte05ft | thallium | mg/kg | 5 | 25 | 20 | 0.23 | 0.28 | 0.256 | 0.0182 | 0.23 | 0.23 | 0.261 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte05ft | toluene | µg/kg | 21 | 25 | 84 | 0.12 | 0.94 | 0.28 | 0.206 | 0.12 | 0.13 | 0.427 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte05ft | tph as diesel | mg/kg | 23 | 25 | 92 | 14 | 6300 | 1002 | 1696 | 4.8 | 4.8 | 2361 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 panama ave | lte05ft | tph as gasoline | mg/kg | 10 | 25 | 40 | 0.061 | 340 | 35.66 | 107 | 0.046 | 0.054 | 75.41 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte05ft | tph as motor oil | mg/kg | 23 | 25 | 92 | 37 | 10000 | 2164 | 3195 | 7 | 7 | 4714 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 21 | 39.6 | 28.35 | 4.667 | -- | -- | 29.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte05ft | xylenes, total | µg/kg | 7 | 25 | 28 | 0.24 | 20 | 4.291 | 7.13 | 0.15 | 0.19 | 2.83 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 20 | 77 | 35.8 | 11.46 | -- | -- | 39.9 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 22 | 34 | 65 | 0.11 | 53 | 5.997 | 14.01 | 0.09 | 0.86 | 12.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 34 | 29 | 0.11 | 10 | 2.888 | 3.755 | 0.076 | 1 | 1.635 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 31 | 34 | 91 | 0.0011 | 2.7 | 0.171 | 0.512 | 0.0043 | 0.0043 | 0.524 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 33 | 34 | 97 | 0.002 | 4.9 | 0.306 | 1.036 | 0.012 | 0.012 | 1.06 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 2.3 | 16.5 | 5.969 | 2.919 | -- | -- | 6.846 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | bap teq | mg/kg | 34 | 34 | 100 | 0.00188 | 2.124 | 0.162 | 0.396 | -- | -- | 0.458 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | benzene | µg/kg | 26 | 34 | 76 | 0.13 | 41 | 2.258 | 7.963 | 0.11 | 0.82 | 7.011 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 34 | 34 | 100 | 0.0022 | 1.2 | 0.109 | 0.227 | -- | -- | 0.279 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 33 | 34 | 97 | 0.0013 | 1.8 | 0.131 | 0.331 | 0.002 | 0.002 | 0.372 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 34 | 34 | 100 | 0.0007 | 0.87 | 0.0846 | 0.197 | -- | -- | 0.232 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 16 | 34 | 47 | 0.0019 | 0.53 | 0.0459 | 0.131 | 0.0011 | 0.088 | 0.0562 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | bromomethane | µg/kg | 7 | 34 | 21 | 0.87 | 3.7 | 2.109 | 1.346 | 0.67 | 0.87 | 1.362 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 panama ave | lte10ft | cadmium | mg/kg | 28 | 34 | 82 | 0.0072 | 0.618 | 0.246 | 0.157 | 0.0064 | 0.0064 | 0.254 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte10ft | chrysene | mg/kg | 34 | 34 | 100 | 0.005 | 3.5 | 0.327 | 0.657 | -- | -- | 0.818 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 4.2 | 9.36 | 7.284 | 1.256 | -- | -- | 7.649 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte10ft | copper | mg/kg | 34 | 34 | 100 | 8.7 | 24.9 | 13.37 | 3.287 | -- | -- | 14.35 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 18 | 34 | 53 | 0.0011 | 0.18 | 0.0226 | 0.0455 | 0.0007 | 0.054 | 0.0389 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | ethylbenzene | µg/kg | 13 | 34 | 38 | 0.14 | 69 | 9.713 | 19.94 | 0.12 | 0.91 | 13.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 31 | 34 | 91 | 0.0013 | 0.54 | 0.0503 | 0.119 | 0.0009 | 0.0035 | 0.131 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | lead | mg/kg | 34 | 34 | 100 | 3.1 | 209 | 20.68 | 36.07 | -- | -- | 47.64 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | methylene chloride | µg/kg | 8 | 34 | 24 | 5 | 11 | 6.938 | 1.828 | 3.8 | 4.6 | 6.459 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte10ft | naphthalene | mg/kg | 27 | 34 | 79 | 0.0011 | 1.4 | 0.109 | 0.315 | 0.00025 | 0.00027 | 0.299 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | pyrene | mg/kg | 34 | 34 | 100 | 0.003 | 7 | 0.543 | 1.307 | -- | -- | 1.52 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | thallium | mg/kg | 8 | 34 | 24 | 0.23 | 0.36 | 0.279 | 0.0528 | 0.23 | 0.23 | 0.251 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 panama ave | lte10ft | toluene | µg/kg | 27 | 34 | 79 | 0.12 | 1.1 | 0.312 | 0.255 | 0.12 | 0.83 | 0.346 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | tph as diesel | mg/kg | 32 | 34 | 94 | 14 | 13000 | 1250 | 2607 | 4.8 | 4.8 | 3081 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | tph as gasoline | mg/kg | 17 | 34 | 50 | 0.061 | 340 | 21.13 | 82.2 | 0.046 | 0.054 | 54.79 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | tph as motor oil | mg/kg | 32 | 34 | 94 | 37 | 32000 | 2932 | 6062 | 7 | 7 | 7188 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 panama ave | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 21 | 40 | 29.97 | 5.016 | -- | -- | 31.42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 panama ave | lte10ft | xylenes, total | µg/kg | 13 | 33 | 39 | 0.24 | 65 | 7.599 | 18.06 | 0.15 | 0.19 | 12.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 panama ave | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 20 | 77 | 36.44 | 10.88 | -- | -- | 39.7 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 11 | 55 | 54 | 6300 | 1666 | 2331 | 0.085 | 0.098 | 2200 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 11 | 64 | 0.23 | 570 | 250.2 | 214.8 | 0.072 | 0.083 | 290.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 11 | 64 | 0.47 | 22 | 9.819 | 9.312 | 0.0011 | 0.0011 | 11.56 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 11 | 64 | 0.72 | 37 | 12.8 | 13.17 | 0.0006 | 0.0006 | 15.37 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 2.47 | 6.29 | 4.366 | 1.035 | -- | -- | 4.932 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | bap teq | mg/kg | 6 | 11 | 55 | 0.0071 | 2.226 | 0.81 | 0.902 | 0.00053 | 0.00513 | 0.91 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 11 | 55 | 0.016 | 3.1 | 1.078 | 1.203 | 0.0007 | 0.0065 | 1.262 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 11 | 45 | 0.0053 | 0.5 | 0.218 | 0.206 | 0.0004 | 0.14 | 0.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | cadmium | mg/kg | 10 | 11 | 91 | 0.109 | 0.174 | 0.128 | 0.019 | 0.0883 | 0.0883 | 0.137 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | chrysene | mg/kg | 6 | 11 | 55 | 0.04 | 4.1 | 1.608 | 1.52 | 0.0012 | 0.012 | 1.855 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 5.24 | 7.8 | 6.537 | 0.937 | -- | -- | 7.049 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 7.44 | 9.69 | 8.33 | 0.872 | -- | -- | 8.807 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24713 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 11 | 64 | 35 | 6700 | 1396 | 2391 | 0.11 | 0.13 | 2138 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 2.66 | 4.81 | 3.726 | 0.737 | -- | -- | 4.129 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 10 | 11 | 91 | 0.0038 | 15 | 3.3 | 4.552 | 0.00027 | 0.00027 | 8.854 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | pyrene | mg/kg | 10 | 11 | 91 | 0.0011 | 10 | 2.064 | 3.368 | 0.0008 | 0.0008 | 6.176 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 7 | 11 | 64 | 460 | 18000 | 6869 | 7512 | 4.8 | 4.8 | 8864 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 11 | 64 | 1.9 | 1300 | 457.4 | 399.8 | 0.046 | 0.049 | 813.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 7 | 11 | 64 | 470 | 23000 | 8010 | 8959 | 7 | 7 | 9722 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 22.9 | 32.4 | 27.06 | 3.532 | -- | -- | 28.99 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 11 | 64 | 1.1 | 1800 | 734.4 | 639 | 0.15 | 0.17 | 867.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 23.5 | 30.7 | 27.12 | 2.002 | -- | -- | 28.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 16 | 81 | 0.0007 | 23 | 1.781 | 6.375 | 0.0006 | 0.012 | 7.759 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.31 | 6.31 | 3.116 | 1.527 | -- | -- | 3.785 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte02ft | bap teq | mg/kg | 13 | 16 | 81 | 0.000732 | 0.442 | 0.0606 | 0.12 | 0.00053 | 0.00411 | 0.17 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte02ft | benzene | µg/kg | 8 | 16 | 50 | 0.11 | 32 | 4.16 | 11.25 | 0.097 | 0.13 | 11.12 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 16 | 75 | 0.0016 | 0.36 | 0.0616 | 0.1 | 0.0007 | 0.0052 | 0.146 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 16 | 69 | 0.0008 | 0.32 | 0.0501 | 0.093 | 0.0005 | 0.0099 | 0.0716 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 16 | 44 | 0.0009 | 0.059 | 0.0166 | 0.02 | 0.0004 | 0.14 | 0.0155 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte02ft | cadmium | mg/kg | 16 | 16 | 100 | 0.129 | 0.607 | 0.198 | 0.12 | -- | -- | 0.255 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte02ft | chrysene | mg/kg | 12 | 16 | 75 | 0.0024 | 0.43 | 0.107 | 0.126 | 0.0012 | 0.0095 | 0.21 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 4.94 | 9.56 | 6.811 | 1.312 | -- | -- | 7.386 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.91 | 18 | 10.43 | 2.356 | -- | -- | 11.43 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 16 | 38 | 0.006 | 0.032 | 0.0136 | 0.00955 | 0.0007 | 0.27 | 0.0124 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 16 | 38 | 0.0053 | 0.027 | 0.0126 | 0.00758 | 0.0009 | 0.35 | 0.0127 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 2.49 | 21.8 | 5.904 | 4.625 | -- | -- | 10.94 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte02ft | naphthalene | mg/kg | 14 | 16 | 88 | 0.0014 | 9.5 | 0.695 | 2.534 | 0.00026 | 0.00027 | 3.204 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte02ft | pyrene | mg/kg | 15 | 16 | 94 | 0.0027 | 0.25 | 0.0474 | 0.0682 | 0.016 | 0.016 | 0.118 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte02ft | tph as diesel | mg/kg | 14 | 16 | 88 | 5.6 | 9600 | 761.2 | 2546 | 4.8 | 4.8 | 3277 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte02ft | tph as gasoline | mg/kg | 5 | 16 | 31 | 0.054 | 1300 | 260.1 | 581.3 | 0.047 | 0.054 | 464.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte02ft | tph as motor oil | mg/kg | 14 | 16 | 88 | 8 | 8900 | 894.3 | 2322 | 7 | 7 | 3174 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 ravenna ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 17.8 | 36.2 | 24.44 | 5.948 | -- | -- | 27.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 21.3 | 70.3 | 30.28 | 12.21 | -- | -- | 35.96 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 24 | 25 | 0.0074 | 13 | 2.73 | 5.143 | 0.0011 | 0.021 | 1.695 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 24 | 79 | 0.0006 | 23 | 1.442 | 5.284 | 0.0006 | 0.012 | 5.359 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 1.31 | 6.31 | 3.205 | 1.443 | -- | -- | 3.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte05ft | bap teq | mg/kg | 19 | 24 | 79 | 0.000732 | 0.442 | 0.0573 | 0.105 | 0.00053 | 0.00411 | 0.132 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte05ft | benzene | µg/kg | 8 | 24 | 33 | 0.11 | 32 | 4.16 | 11.25 | 0.097 | 10 | 7.518 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 16 | 24 | 67 | 0.0016 | 0.36 | 0.0629 | 0.0907 | 0.0007 | 0.0052 | 0.07 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 24 | 63 | 0.0005 | 0.32 | 0.0512 | 0.0841 | 0.0005 | 0.0099 | 0.0592 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 9 | 24 | 38 | 0.0009 | 0.059 | 0.024 | 0.0227 | 0.0004 | 0.14 | 0.0187 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte05ft | cadmium | mg/kg | 24 | 24 | 100 | 0.0942 | 0.607 | 0.174 | 0.104 | -- | -- | 0.213 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte05ft | chrysene | mg/kg | 17 | 24 | 71 | 0.0024 | 0.43 | 0.119 | 0.131 | 0.0012 | 0.0095 | 0.194 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 4.94 | 9.56 | 6.928 | 1.136 | -- | -- | 7.325 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 6.56 | 18 | 9.735 | 2.279 | -- | -- | 10.52 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 24 | 33 | 0.006 | 0.034 | 0.0179 | 0.0115 | 0.0007 | 0.27 | 0.0146 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 24 | 33 | 0.0053 | 0.04 | 0.0187 | 0.0131 | 0.0009 | 0.35 | 0.0154 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 2.49 | 21.8 | 5.207 | 3.911 | -- | -- | 6.673 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte05ft | naphthalene | mg/kg | 19 | 24 | 79 | 0.0014 | 9.5 | 0.602 | 2.171 | 0.00024 | 0.00027 | 2.21 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte05ft | pyrene | mg/kg | 23 | 24 | 96 | 0.001 | 0.48 | 0.0697 | 0.119 | 0.016 | 0.016 | 0.171 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte05ft | tph as diesel | mg/kg | 18 | 24 | 75 | 5.6 | 9600 | 831.5 | 2268 | 4.8 | 4.8 | 2403 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 ravenna ave | lte05ft | tph as gasoline | mg/kg | 9 | 24 | 38 | 0.054 | 1300 | 144.7 | 433.2 | 0.047 | 0.054 | 299.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte05ft | tph as motor oil | mg/kg | 19 | 24 | 79 | 7.3 | 8900 | 937.7 | 2043 | 7 | 7 | 2398 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 17.8 | 36.2 | 25.1 | 5.552 | -- | -- | 27.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte05ft | xylenes, total | µg/kg | 6 | 24 | 25 | 0.19 | 9400 | 1619 | 3814 | 0.14 | 0.19 | 1124 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 21.3 | 70.3 | 28.76 | 10.21 | -- | -- | 32.56 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 35 | 26 | 0.2 | 21000 | 3529 | 6831 | 0.084 | 0.11 | 2003 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 35 | 29 | 0.11 | 7100 | 910.1 | 2183 | 0.071 | 0.095 | 615.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 13 | 35 | 37 | 0.0074 | 22 | 6.547 | 8.241 | 0.0011 | 0.021 | 4.152 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 26 | 35 | 74 | 0.0006 | 37 | 4.501 | 9.387 | 0.0006 | 0.012 | 9.485 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte10ft | arsenic | mg/kg | 35 | 35 | 100 | 1.31 | 6.31 | 3.57 | 1.422 | -- | -- | 3.977 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24713 ravenna ave | lte10ft | bap teq | mg/kg | 25 | 35 | 71 | 0.000732 | 2.226 | 0.238 | 0.534 | 0.00053 | 0.00513 | 0.513 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 ravenna ave | lte10ft | benzene | µg/kg | 12 | 35 | 34 | 0.11 | 450 | 63.69 | 132.9 | 0.097 | 13 | 83.76 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 22 | 35 | 63 | 0.0016 | 3.1 | 0.34 | 0.752 | 0.0007 | 0.0065 | 0.67 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 18 | 35 | 51 | 0.0005 | 1.7 | 0.24 | 0.477 | 0.0005 | 0.2 | 0.238 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 14 | 35 | 40 | 0.0009 | 0.5 | 0.0935 | 0.151 | 0.0004 | 0.14 | 0.0688 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 35 | 17 | 0.0012 | 0.2 | 0.0429 | 0.0775 | 0.0011 | 0.45 | 0.0211 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte10ft | cadmium | mg/kg | 34 | 35 | 97 | 0.0942 | 0.607 | 0.161 | 0.0899 | 0.0883 | 0.0883 | 0.225 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte10ft | chrysene | mg/kg | 23 | 35 | 66 | 0.0024 | 4.1 | 0.507 | 0.992 | 0.0012 | 0.012 | 0.578 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte10ft | cobalt | mg/kg | 35 | 35 | 100 | 4.94 | 9.56 | 6.805 | 1.079 | -- | -- | 7.113 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte10ft | copper | mg/kg | 35 | 35 | 100 | 6.56 | 18 | 9.293 | 2.044 | -- | -- | 9.849 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 35 | 29 | 0.006 | 0.25 | 0.0404 | 0.0744 | 0.0007 | 0.27 | 0.0353 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 ravenna ave | lte10ft | ethylbenzene | µg/kg | 11 | 35 | 31 | 0.32 | 6700 | 1102 | 1977 | 0.11 | 0.15 | 698.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 35 | 34 | 0.0053 | 0.26 | 0.0718 | 0.0989 | 0.0009 | 0.35 | 0.0497 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 ravenna ave | lte10ft | lead | mg/kg | 35 | 35 | 100 | 2.49 | 21.8 | 4.741 | 3.316 | -- | -- | 5.757 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte10ft | naphthalene | mg/kg | 29 | 35 | 83 | 0.0014 | 15 | 1.532 | 3.375 | 0.00024 | 0.00027 | 3.575 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte10ft | pyrene | mg/kg | 33 | 35 | 94 | 0.001 | 10 | 0.674 | 2.017 | 0.0008 | 0.016 | 2.083 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 ravenna ave | lte10ft | toluene | µg/kg | 6 | 35 | 17 | 0.12 | 58 | 20.26 | 25.1 | 0.11 | 14 | 8.984 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte10ft | tph as diesel | mg/kg | 25 | 35 | 71 | 5.6 | 18000 | 2522 | 5040 | 4.8 | 4.8 | 5056 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24713 ravenna ave | lte10ft | tph as gasoline | mg/kg | 16 | 35 | 46 | 0.054 | 1300 | 281.5 | 435.5 | 0.046 | 0.054 | 370.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24713 ravenna ave | lte10ft | tph as motor oil | mg/kg | 26 | 35 | 74 | 7.3 | 23000 | 2842 | 5701 | 7 | 7 | 5851 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24713 ravenna ave | lte10ft | vanadium | mg/kg | 35 | 35 | 100 | 17.8 | 36.2 | 25.71 | 5.038 | -- | -- | 27.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24713 ravenna ave | lte10ft | xylenes, total | µg/kg | 13 | 35 | 37 | 0.19 | 9400 | 1143 | 2545 | 0.14 | 0.19 | 897.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24713 ravenna ave | lte10ft | zinc | mg/kg | 35 | 35 | 100 | 21.3 | 70.3 | 28.24 | 8.502 | -- | -- | 30.83 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 12 | 92 | 8 | 22000 | 5714 | 7104 | 0.095 | 0.095 | 14047 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 12 | 83 | 1.3 | 7400 | 1634 | 2217 | 0.08 | 230 | 4034 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.016 | 44 | 16.33 | 14.72 | -- | -- | 23.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.035 | 66 | 22.33 | 21.72 | -- | -- | 33.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 2.89 | 16.7 | 5.888 | 3.945 | -- | -- | 8.185 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | bap teq | mg/kg | 12 | 12 | 100 | 0.0435 | 1.715 | 0.642 | 0.544 | -- | -- | 0.924 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | benzene | µg/kg | 11 | 12 | 92 | 0.8 | 6200 | 866.7 | 1791 | 0.11 | 0.11 | 2975 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 12 | 75 | 0.044 | 2.4 | 0.823 | 0.794 | 0.52 | 0.65 | 1.061 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 12 | 75 | 0.031 | 1.3 | 0.575 | 0.424 | 0.1 | 0.39 | 0.68 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 12 | 42 | 0.015 | 0.68 | 0.27 | 0.296 | 0.1 | 0.35 | 0.293 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | chrysene | mg/kg | 12 | 12 | 100 | 0.13 | 4.1 | 1.828 | 1.315 | -- | -- | 2.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 5.15 | 9.42 | 7.518 | 1.146 | -- | -- | 8.112 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 6.95 | 19.7 | 10.66 | 3.816 | -- | -- | 12.74 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 11 | 12 | 92 | 3.9 | 11000 | 1938 | 3386 | 0.13 | 0.13 | 5916 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 3.31 | 7.31 | 5.385 | 1.139 | -- | -- | 5.975 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.055 | 38 | 9.418 | 11.18 | -- | -- | 20.72 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | pyrene | mg/kg | 12 | 12 | 100 | 0.11 | 8.2 | 4.321 | 3.072 | -- | -- | 5.913 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | toluene | µg/kg | 8 | 12 | 67 | 0.16 | 180 | 76.71 | 61.13 | 0.12 | 220 | 93.09 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 12 | 12 | 100 | 750 | 22000 | 9546 | 7480 | -- | -- | 13423 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 12 | 12 | 100 | 0.72 | 2200 | 585.4 | 651 | -- | -- | 1757 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 850 | 25000 | 10571 | 8142 | -- | -- | 14792 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 21.5 | 38.5 | 28.42 | 4.2 | -- | -- | 30.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 12 | 12 | 100 | 0.26 | 12000 | 2962 | 3630 | -- | -- | 11505 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24715 neptune ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 24.7 | 53.2 | 32.01 | 7.962 | -- | -- | 36.21 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 14 | 50 | 0.0025 | 1.2 | 0.184 | 0.449 | 0.0043 | 0.043 | 0.48 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.0034 | 0.95 | 0.108 | 0.265 | 0.006 | 0.006 | 0.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 2.78 | 14.6 | 6.076 | 3.227 | -- | -- | 7.762 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00526 | 0.589 | 0.0696 | 0.151 | -- | -- | 0.245 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | benzene | µg/kg | 11 | 14 | 79 | 0.12 | 0.49 | 0.225 | 0.122 | 0.11 | 0.12 | 0.255 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 14 | 93 | 0.0061 | 0.73 | 0.0865 | 0.194 | 0.0065 | 0.0065 | 0.3 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 14 | 86 | 0.0063 | 0.4 | 0.0546 | 0.11 | 0.0049 | 0.02 | 0.168 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 14 | 86 | 0.0049 | 0.28 | 0.0393 | 0.077 | 0.0014 | 0.0035 | 0.119 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 14 | 36 | 0.0032 | 0.089 | 0.0213 | 0.0379 | 0.0045 | 0.045 | 0.0222 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.017 | 1.9 | 0.222 | 0.487 | -- | -- | 0.789 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 7.05 | 10.9 | 8.613 | 1.221 | -- | -- | 9.191 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 8.61 | 17.3 | 13.64 | 2.73 | -- | -- | 14.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24715 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 14 | 43 | 0.0018 | 0.14 | 0.0276 | 0.0552 | 0.0027 | 0.027 | 0.0585 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 14 | 57 | 0.0038 | 0.12 | 0.0255 | 0.0406 | 0.0035 | 0.035 | 0.0546 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 5.44 | 34.7 | 12.02 | 8.168 | -- | -- | 16.21 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | naphthalene | mg/kg | 9 | 14 | 64 | 0.0011 | 0.26 | 0.0465 | 0.0886 | 0.00027 | 0.0003 | 0.117 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.011 | 1.1 | 0.167 | 0.313 | -- | -- | 0.532 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | toluene | µg/kg | 10 | 14 | 71 | 0.13 | 0.76 | 0.304 | 0.207 | 0.12 | 0.13 | 0.346 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 14 | 8400 | 696.6 | 2219 | -- | -- | 3281 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 47 | 9300 | 1030 | 2408 | -- | -- | 3835 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 24.5 | 36.4 | 30.71 | 3.665 | -- | -- | 32.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 31.1 | 58.3 | 39.84 | 7.165 | -- | -- | 43.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 25 | 48 | 0.11 | 140 | 22.33 | 41.63 | 0.092 | 0.12 | 21.41 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 25 | 60 | 0.0025 | 6.4 | 1.039 | 1.827 | 0.0043 | 0.043 | 1.152 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 23 | 25 | 92 | 0.0034 | 6.1 | 0.716 | 1.455 | 0.0024 | 0.006 | 1.888 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte05ft | antimony | mg/kg | 7 | 25 | 28 | 0.361 | 1.4 | 0.946 | 0.407 | 0.149 | 0.306 | 0.871 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 2.78 | 14.6 | 6.982 | 3.112 | -- | -- | 8.046 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.00526 | 2.31 | 0.166 | 0.464 | -- | -- | 0.283 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte05ft | benzene | µg/kg | 16 | 25 | 64 | 0.12 | 26 | 1.884 | 6.435 | 0.11 | 14 | 5.817 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 22 | 25 | 88 | 0.0061 | 2.9 | 0.227 | 0.62 | 0.0065 | 0.065 | 0.712 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 25 | 80 | 0.0063 | 1.6 | 0.143 | 0.356 | 0.0049 | 0.049 | 0.398 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 25 | 76 | 0.0049 | 0.97 | 0.0872 | 0.222 | 0.0014 | 0.035 | 0.24 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 11 | 25 | 44 | 0.0032 | 0.3 | 0.046 | 0.0877 | 0.0035 | 0.11 | 0.0507 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte05ft | cadmium | mg/kg | 8 | 25 | 32 | 0.0908 | 0.355 | 0.146 | 0.087 | 0.0883 | 0.0883 | 0.132 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.017 | 7.4 | 0.517 | 1.486 | -- | -- | 1.812 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 6.07 | 10.9 | 8.635 | 1.114 | -- | -- | 9.016 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 8.61 | 20.1 | 14.51 | 2.854 | -- | -- | 15.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 25 | 48 | 0.0018 | 0.52 | 0.0651 | 0.148 | 0.0027 | 0.067 | 0.127 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte05ft | ethylbenzene | µg/kg | 9 | 25 | 36 | 0.14 | 2300 | 399.6 | 755.5 | 0.12 | 0.15 | 314 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 25 | 56 | 0.0038 | 0.42 | 0.0527 | 0.11 | 0.0035 | 0.087 | 0.107 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 5.43 | 34.7 | 10.06 | 6.531 | -- | -- | 12.41 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte05ft | naphthalene | mg/kg | 18 | 25 | 72 | 0.00031 | 5 | 0.628 | 1.214 | 0.00027 | 0.0007 | 1.385 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte05ft | pyrene | mg/kg | 24 | 25 | 96 | 0.011 | 4.6 | 0.42 | 0.983 | 0.016 | 0.016 | 1.246 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte05ft | toluene | µg/kg | 12 | 25 | 48 | 0.13 | 21 | 2.061 | 5.968 | 0.12 | 15 | 2.765 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte05ft | tph as diesel | mg/kg | 25 | 25 | 100 | 14 | 17000 | 1771 | 3856 | -- | -- | 5132 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte05ft | tph as gasoline | mg/kg | 11 | 25 | 44 | 0.063 | 610 | 58.44 | 183 | 0.042 | 0.063 | 134.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte05ft | tph as motor oil | mg/kg | 25 | 25 | 100 | 47 | 19000 | 2242 | 4310 | -- | -- | 5412 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 23.1 | 38.6 | 31.64 | 3.844 | -- | -- | 32.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte05ft | xylenes, total | µg/kg | 7 | 25 | 28 | 0.19 | 67 | 9.919 | 25.17 | 0.16 | 20 | 15.24 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 31.1 | 58.3 | 39.32 | 5.933 | -- | -- | 41.35 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 23 | 37 | 62 | 0.11 | 22000 | 2745 | 5603 | 0.092 | 0.12 | 3100 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 37 | 35 | 0.19 | 7400 | 1260 | 2048 | 0.078 | 230 | 821.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 27 | 37 | 73 | 0.0025 | 44 | 7.833 | 12.39 | 0.0043 | 0.043 | 13.71 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 35 | 37 | 95 | 0.0034 | 66 | 8.126 | 16.2 | 0.0024 | 0.006 | 19.05 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | antimony | mg/kg | 10 | 37 | 27 | 0.361 | 1.4 | 0.882 | 0.413 | 0.149 | 0.306 | 0.698 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 2.78 | 16.7 | 6.627 | 3.388 | -- | -- | 7.608 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte10ft | bap teq | mg/kg | 37 | 37 | 100 | 0.00526 | 2.31 | 0.321 | 0.534 | -- | -- | 0.703 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte10ft | benzene | µg/kg | 27 | 37 | 73 | 0.12 | 6200 | 354.2 | 1192 | 0.11 | 14 | 997.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 31 | 37 | 84 | 0.0061 | 2.9 | 0.4 | 0.716 | 0.0065 | 0.65 | 0.824 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 29 | 37 | 78 | 0.0063 | 1.6 | 0.277 | 0.423 | 0.0049 | 0.39 | 0.501 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 24 | 37 | 65 | 0.0049 | 0.97 | 0.125 | 0.244 | 0.0014 | 0.35 | 0.233 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 13 | 37 | 35 | 0.0032 | 0.42 | 0.0859 | 0.134 | 0.0035 | 1.1 | 0.0671 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24715 neptune ave | lte10ft | cadmium | mg/kg | 12 | 37 | 32 | 0.0908 | 0.473 | 0.209 | 0.139 | 0.0883 | 0.0883 | 0.161 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | chrysene | mg/kg | 37 | 37 | 100 | 0.017 | 7.4 | 0.942 | 1.545 | -- | -- | 2.049 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 5.15 | 10.9 | 8.273 | 1.228 | -- | -- | 8.614 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 6.95 | 20.1 | 13.26 | 3.635 | -- | -- | 14.27 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 37 | 38 | 0.0018 | 0.52 | 0.0723 | 0.144 | 0.0027 | 0.67 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte10ft | ethylbenzene | µg/kg | 20 | 37 | 54 | 0.14 | 11000 | 1246 | 2625 | 0.12 | 0.15 | 1287 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24715 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 37 | 41 | 0.0038 | 0.42 | 0.05 | 0.106 | 0.0035 | 0.87 | 0.0544 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 3.31 | 34.7 | 8.541 | 5.809 | -- | -- | 10.24 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | naphthalene | mg/kg | 30 | 37 | 81 | 0.00031 | 38 | 4.144 | 8.212 | 0.00027 | 0.0007 | 8.789 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24715 neptune ave | lte10ft | pyrene | mg/kg | 36 | 37 | 97 | 0.011 | 8.2 | 1.721 | 2.66 | 0.016 | 0.016 | 3.566 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | toluene | µg/kg | 20 | 37 | 54 | 0.13 | 180 | 31.92 | 52.96 | 0.12 | 220 | 49.16 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | tph as diesel | mg/kg | 37 | 37 | 100 | 14 | 22000 | 4292 | 6373 | -- | -- | 8860 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | tph as gasoline | mg/kg | 23 | 37 | 62 | 0.063 | 2200 | 333.4 | 547.3 | 0.042 | 0.063 | 538.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24715 neptune ave | lte10ft | tph as motor oil | mg/kg | 37 | 37 | 100 | 47 | 25000 | 4943 | 6947 | -- | -- | 9922 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24715 neptune ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 21.5 | 38.6 | 30.59 | 4.193 | -- | -- | 31.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24715 neptune ave | lte10ft | xylenes, total | µg/kg | 19 | 37 | 51 | 0.19 | 12000 | 1875 | 3193 | 0.16 | 20 | 1678 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24715 neptune ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 24.7 | 58.3 | 36.95 | 7.407 | -- | -- | 39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 5 | 14 | 36 | 0.0026 | 1.3 | 0.344 | 0.559 | 0.0006 | 0.024 | 0.305 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 5.47 | 7.64 | 6.602 | 0.758 | -- | -- | 6.961 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte02ft | bap teq | mg/kg | 13 | 14 | 93 | 0.00055 | 0.269 | 0.036 | 0.0713 | 0.0103 | 0.0103 | 0.114 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24716 marbella ave | lte02ft | benzene | µg/kg | 11 | 14 | 79 | 0.11 | 11 | 1.2 | 3.251 | 0.11 | 0.12 | 4.368 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 14 | 71 | 0.0017 | 0.44 | 0.0593 | 0.134 | 0.0007 | 0.013 | 0.179 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 14 | 64 | 0.0015 | 0.15 | 0.0327 | 0.045 | 0.0005 | 0.0099 | 0.0675 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 14 | 50 | 0.0009 | 0.31 | 0.0503 | 0.115 | 0.0004 | 0.007 | 0.125 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte02ft | chrysene | mg/kg | 13 | 14 | 93 | 0.0026 | 0.9 | 0.109 | 0.241 | 0.024 | 0.024 | 0.374 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 7.98 | 12 | 10.24 | 1.184 | -- | -- | 10.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 14.6 | 25 | 19.49 | 3.196 | -- | -- | 21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 7.07 | 32.6 | 11.69 | 7.319 | -- | -- | 15.34 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte02ft | pyrene | mg/kg | 13 | 14 | 93 | 0.0014 | 3.1 | 0.268 | 0.852 | 0.016 | 0.016 | 1.21 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte02ft | toluene | µg/kg | 8 | 14 | 57 | 0.17 | 0.86 | 0.326 | 0.249 | 0.12 | 12 | 0.37 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte02ft | tph as diesel | mg/kg | 13 | 14 | 93 | 49 | 1800 | 391.2 | 507.1 | 4.8 | 4.8 | 946 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 26 | 2200 | 717.6 | 658.7 | -- | -- | 1207 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 30.7 | 41.9 | 37.42 | 3.741 | -- | -- | 39.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 39 | 106 | 52.9 | 16.68 | -- | -- | 61.37 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 23 | 30 | 0.0013 | 18 | 4.167 | 7.11 | 0.0011 | 0.043 | 2.857 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 10 | 23 | 43 | 0.0008 | 22 | 4.177 | 8.402 | 0.0006 | 0.024 | 3.949 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte05ft | arsenic | mg/kg | 23 | 23 | 100 | 4.74 | 8.09 | 6.329 | 0.9 | -- | -- | 6.651 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte05ft | bap teq | mg/kg | 18 | 23 | 78 | 0.00055 | 0.378 | 0.0602 | 0.101 | 0.00053 | 0.0103 | 0.132 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte05ft | benzene | µg/kg | 14 | 23 | 61 | 0.11 | 1200 | 87.6 | 320.2 | 0.11 | 0.12 | 284 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 14 | 23 | 61 | 0.0017 | 0.54 | 0.0912 | 0.171 | 0.0007 | 0.065 | 0.185 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 13 | 23 | 57 | 0.0015 | 0.27 | 0.055 | 0.0757 | 0.0005 | 0.049 | 0.0608 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 10 | 23 | 43 | 0.0009 | 0.31 | 0.0571 | 0.0984 | 0.0004 | 0.035 | 0.051 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte05ft | chrysene | mg/kg | 18 | 23 | 78 | 0.0026 | 1.9 | 0.227 | 0.468 | 0.0012 | 0.024 | 0.564 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte05ft | cobalt | mg/kg | 23 | 23 | 100 | 5.89 | 12 | 9.354 | 1.859 | -- | -- | 10.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte05ft | copper | mg/kg | 23 | 23 | 100 | 7.61 | 25 | 16.51 | 5.272 | -- | -- | 18.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte05ft | lead | mg/kg | 23 | 23 | 100 | 3.88 | 32.6 | 9.419 | 6.484 | -- | -- | 15.31 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte05ft | naphthalene | mg/kg | 7 | 23 | 30 | 0.0003 | 11 | 2.395 | 4.283 | 0.00025 | 0.00034 | 1.676 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte05ft | pyrene | mg/kg | 19 | 23 | 83 | 0.0014 | 3.7 | 0.433 | 1.057 | 0.0008 | 0.016 | 1.244 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte05ft | thallium | mg/kg | 7 | 23 | 30 | 0.242 | 0.578 | 0.429 | 0.141 | 0.232 | 0.232 | 0.441 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte05ft | toluene | µg/kg | 10 | 23 | 43 | 0.13 | 0.86 | 0.301 | 0.228 | 0.12 | 13 | 0.298 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte05ft | tph as diesel | mg/kg | 19 | 23 | 83 | 20 | 14000 | 1540 | 3494 | 4.8 | 4.8 | 4212 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24716 marbella ave | lte05ft | tph as gasoline | mg/kg | 7 | 23 | 30 | 0.068 | 2000 | 360.6 | 731.8 | 0.047 | 0.065 | 267.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte05ft | tph as motor oil | mg/kg | 20 | 23 | 87 | 26 | 14000 | 1710 | 3204 | 7 | 7 | 4257 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte05ft | vanadium | mg/kg | 23 | 23 | 100 | 26.9 | 42.1 | 35.95 | 4.386 | -- | -- | 37.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte05ft | xylenes, total | µg/kg | 7 | 23 | 30 | 0.19 | 26000 | 3723 | 9823 | 0.16 | 17 | 6338 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte05ft | zinc | mg/kg | 23 | 23 | 100 | 24.4 | 106 | 46.36 | 16.29 | -- | -- | 52.47 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 30 | 23 | 0.23 | 27000 | 4944 | 10094 | 0.088 | 0.12 | 2821 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 30 | 33 | 0.0013 | 43 | 7.239 | 13.94 | 0.0011 | 0.043 | 5.149 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 15 | 30 | 50 | 0.0006 | 71 | 7.537 | 18.9 | 0.0006 | 0.024 | 14.85 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 4.3 | 11.2 | 6.711 | 1.474 | -- | -- | 7.173 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte10ft | bap teq | mg/kg | 23 | 30 | 77 | 0.00055 | 0.869 | 0.0859 | 0.193 | 0.00053 | 0.0103 | 0.204 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte10ft | benzene | µg/kg | 19 | 30 | 63 | 0.11 | 1200 | 122.7 | 362.4 | 0.11 | 11 | 312.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 19 | 30 | 63 | 0.0016 | 1.2 | 0.132 | 0.299 | 0.0007 | 0.065 | 0.28 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 17 | 30 | 57 | 0.0015 | 0.61 | 0.0789 | 0.153 | 0.0005 | 0.049 | 0.143 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 14 | 30 | 47 | 0.0009 | 0.31 | 0.0617 | 0.106 | 0.0004 | 0.035 | 0.0538 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte10ft | chrysene | mg/kg | 23 | 30 | 77 | 0.0026 | 2.5 | 0.289 | 0.639 | 0.0012 | 0.024 | 0.678 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 5.04 | 12 | 8.599 | 2.23 | -- | -- | 9.291 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 6.49 | 25 | 15.18 | 5.389 | -- | -- | 16.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24716 marbella ave | lte10ft | ethylbenzene | µg/kg | 8 | 30 | 27 | 0.18 | 16000 | 3192 | 6043 | 0.12 | 0.16 | 1927 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 3.11 | 32.6 | 8.19 | 6.093 | -- | -- | 13.04 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte10ft | naphthalene | mg/kg | 10 | 30 | 33 | 0.0003 | 27 | 4.423 | 8.716 | 0.00025 | 0.00034 | 3.178 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte10ft | pyrene | mg/kg | 25 | 30 | 83 | 0.0014 | 6.2 | 0.58 | 1.496 | 0.0008 | 0.016 | 1.584 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte10ft | thallium | mg/kg | 13 | 30 | 43 | 0.242 | 0.783 | 0.474 | 0.164 | 0.232 | 0.232 | 0.428 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte10ft | toluene | µg/kg | 14 | 30 | 47 | 0.13 | 0.86 | 0.281 | 0.195 | 0.12 | 28 | 0.281 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte10ft | tph as diesel | mg/kg | 23 | 30 | 77 | 20 | 17000 | 2020 | 4572 | 4.8 | 4.8 | 4813 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24716 marbella ave | lte10ft | tph as gasoline | mg/kg | 13 | 30 | 43 | 0.062 | 3400 | 469.8 | 1034 | 0.047 | 0.065 | 427.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 marbella ave | lte10ft | tph as motor oil | mg/kg | 24 | 30 | 80 | 26 | 14000 | 2022 | 3909 | 7 | 7 | 4480 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24716 marbella ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 21.4 | 42.1 | 33.96 | 5.697 | -- | -- | 35.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 marbella ave | lte10ft | xylenes, total | µg/kg | 9 | 30 | 30 | 0.19 | 26000 | 3629 | 8668 | 0.16 | 17 | 5119 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 marbella ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 24.4 | 106 | 43.33 | 15.37 | -- | -- | 47.83 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0013 | 1.2 | 0.453 | 0.477 | 0.0011 | 0.043 | 0.492 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 9 | 12 | 75 | 0.0027 | 0.65 | 0.196 | 0.247 | 0.0006 | 0.012 | 0.439 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte05ft | arsenic | mg/kg | 12 | 12 | 100 | 2.04 | 4.97 | 3.259 | 0.929 | -- | -- | 3.741 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | bap teq | mg/kg | 12 | 12 | 100 | 0.000634 | 0.313 | 0.102 | 0.0912 | -- | -- | 0.149 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | benzene | µg/kg | 12 | 12 | 100 | 0.11 | 1.3 | 0.326 | 0.322 | -- | -- | 0.493 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24716 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0012 | 0.35 | 0.0982 | 0.0977 | -- | -- | 0.2 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 10 | 12 | 83 | 0.0036 | 0.25 | 0.0968 | 0.0709 | 0.0005 | 0.0099 | 0.12 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | cadmium | mg/kg | 5 | 12 | 42 | 0.0904 | 0.197 | 0.138 | 0.045 | 0.0883 | 0.0883 | 0.147 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0025 | 0.93 | 0.274 | 0.27 | -- | -- | 0.414 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | cobalt | mg/kg | 12 | 12 | 100 | 5.19 | 7.23 | 6.206 | 0.716 | -- | -- | 6.577 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | copper | mg/kg | 12 | 12 | 100 | 8.04 | 16.3 | 10.3 | 2.423 | -- | -- | 11.62 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 12 | 50 | 0.0033 | 0.074 | 0.0427 | 0.0271 | 0.0009 | 0.069 | 0.0466 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | lead | mg/kg | 12 | 12 | 100 | 2.41 | 21 | 10.16 | 5.823 | -- | -- | 13.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | naphthalene | mg/kg | 7 | 12 | 58 | 0.00097 | 0.18 | 0.0479 | 0.0697 | 0.00025 | 0.00034 | 0.0622 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte05ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0019 | 1.8 | 0.347 | 0.504 | -- | -- | 0.813 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte05ft | toluene | µg/kg | 7 | 12 | 58 | 0.21 | 0.4 | 0.277 | 0.0675 | 0.12 | 0.14 | 0.284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | tph as diesel | mg/kg | 12 | 12 | 100 | 6.6 | 3500 | 1030 | 1136 | -- | -- | 2376 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte05ft | tph as gasoline | mg/kg | 10 | 12 | 83 | 0.071 | 1.6 | 0.382 | 0.459 | 0.049 | 0.054 | 0.879 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte05ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 20 | 5200 | 1625 | 1567 | -- | -- | 2438 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | vanadium | mg/kg | 12 | 12 | 100 | 18.4 | 29.8 | 23.16 | 3.277 | -- | -- | 24.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte05ft | zinc | mg/kg | 12 | 12 | 100 | 25 | 51.1 | 33.06 | 7.462 | -- | -- | 36.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 15 | 40 | 0.28 | 2.1 | 0.943 | 0.776 | 0.088 | 0.12 | 0.903 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 8 | 15 | 53 | 0.0012 | 1.2 | 0.341 | 0.453 | 0.0011 | 0.043 | 0.349 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 12 | 15 | 80 | 0.0009 | 0.65 | 0.147 | 0.228 | 0.0006 | 0.012 | 0.358 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte10ft | arsenic | mg/kg | 15 | 15 | 100 | 2.04 | 10.5 | 3.87 | 2.078 | -- | -- | 4.874 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24716 ravenna ave | lte10ft | bap teq | mg/kg | 15 | 15 | 100 | 0.000634 | 0.313 | 0.0819 | 0.0905 | -- | -- | 0.171 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte10ft | benzene | µg/kg | 13 | 15 | 87 | 0.11 | 1.3 | 0.318 | 0.309 | 0.1 | 0.11 | 0.445 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24716 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 14 | 15 | 93 | 0.0012 | 0.35 | 0.0845 | 0.0963 | 0.0007 | 0.0007 | 0.186 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 13 | 15 | 87 | 0.0014 | 0.25 | 0.075 | 0.074 | 0.0005 | 0.0099 | 0.0987 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte10ft | cadmium | mg/kg | 5 | 15 | 33 | 0.0904 | 0.197 | 0.138 | 0.045 | 0.0883 | 0.0883 | 0.144 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte10ft | chrysene | mg/kg | 15 | 15 | 100 | 0.0025 | 0.93 | 0.22 | 0.264 | -- | -- | 0.471 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte10ft | cobalt | mg/kg | 15 | 15 | 100 | 4.8 | 7.23 | 6.065 | 0.742 | -- | -- | 6.403 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte10ft | copper | mg/kg | 15 | 15 | 100 | 7.58 | 16.3 | 9.999 | 2.271 | -- | -- | 11.08 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24716 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 15 | 47 | 0.0031 | 0.074 | 0.0371 | 0.029 | 0.0009 | 0.069 | 0.0393 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte10ft | lead | mg/kg | 15 | 15 | 100 | 2.31 | 21 | 8.695 | 5.989 | -- | -- | 11.42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte10ft | naphthalene | mg/kg | 10 | 15 | 67 | 0.00072 | 0.18 | 0.0343 | 0.061 | 0.00025 | 0.00034 | 0.0481 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte10ft | pyrene | mg/kg | 15 | 15 | 100 | 0.0019 | 1.8 | 0.279 | 0.468 | -- | -- | 0.702 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte10ft | toluene | µg/kg | 9 | 15 | 60 | 0.13 | 0.4 | 0.246 | 0.0857 | 0.11 | 0.14 | 0.254 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte10ft | tph as diesel | mg/kg | 15 | 15 | 100 | 5.1 | 3500 | 826.6 | 1092 | -- | -- | 2170 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte10ft | tph as gasoline | mg/kg | 13 | 15 | 87 | 0.071 | 1.6 | 0.334 | 0.408 | 0.049 | 0.054 | 0.483 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte10ft | tph as motor oil | mg/kg | 15 | 15 | 100 | 13 | 5200 | 1305 | 1539 | -- | -- | 2839 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24716 ravenna ave | lte10ft | vanadium | mg/kg | 15 | 15 | 100 | 18.4 | 29.8 | 23.3 | 3.075 | -- | -- | 24.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24716 ravenna ave | lte10ft | zinc | mg/kg | 15 | 15 | 100 | 25 | 51.1 | 31.86 | 7.074 | -- | -- | 35.13 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.0011 | 0.097 | 0.0247 | 0.038 | 0.0011 | 0.0011 | 0.0724 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 8 | 88 | 0.001 | 0.055 | 0.0179 | 0.0239 | 0.0006 | 0.0006 | 0.0515 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 3.56 | 7.32 | 4.834 | 1.271 | -- | -- | 5.685 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | bap teq | mg/kg | 6 | 8 | 75 | 0.000536 | 0.0502 | 0.0111 | 0.0194 | 0.00053 | 0.00053 | 0.0355 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24717 marbella ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 8 | 63 | 0.0006 | 0.028 | 0.00752 | 0.0117 | 0.0004 | 0.0004 | 0.0119 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | chrysene | mg/kg | 5 | 8 | 63 | 0.0012 | 0.052 | 0.0173 | 0.0203 | 0.0012 | 0.0012 | 0.0235 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 4.68 | 17 | 9.409 | 4.816 | -- | -- | 14.22 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 6.49 | 12.7 | 8.918 | 1.885 | -- | -- | 10.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 2.6 | 4.05 | 3.229 | 0.515 | -- | -- | 3.574 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | naphthalene | mg/kg | 6 | 8 | 75 | 0.00068 | 0.13 | 0.0349 | 0.0515 | 0.00028 | 0.00029 | 0.0995 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | pyrene | mg/kg | 7 | 8 | 88 | 0.001 | 0.14 | 0.0262 | 0.0506 | 0.0008 | 0.0008 | 0.0973 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 18.3 | 30.4 | 22.11 | 4.226 | -- | -- | 24.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 27.6 | 42.1 | 35.08 | 4.942 | -- | -- | 38.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 20 | 45 | 0.11 | 90 | 10.36 | 29.87 | 0.095 | 9.8 | 24.95 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 20 | 35 | 0.0017 | 7.6 | 1.156 | 2.844 | 0.0011 | 0.021 | 1.096 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 20 | 55 | 0.0017 | 8.7 | 0.83 | 2.611 | 0.0006 | 0.012 | 2.392 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 2.85 | 10.7 | 4.866 | 1.763 | -- | -- | 5.55 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | bap teq | mg/kg | 14 | 20 | 70 | 0.00091 | 0.284 | 0.0528 | 0.077 | 0.00053 | 0.00053 | 0.0685 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | benzene | µg/kg | 14 | 20 | 70 | 0.14 | 1.8 | 0.47 | 0.439 | 0.11 | 11 | 0.554 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 20 | 55 | 0.0008 | 0.17 | 0.036 | 0.0596 | 0.0007 | 0.013 | 0.0402 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 20 | 70 | 0.0006 | 0.24 | 0.0444 | 0.0655 | 0.0005 | 0.0005 | 0.0541 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 20 | 55 | 0.0005 | 0.12 | 0.0221 | 0.0356 | 0.0004 | 0.007 | 0.0254 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 20 | 25 | 0.0032 | 0.01 | 0.00662 | 0.00322 | 0.0011 | 0.045 | 0.00761 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | lte02ft | chrysene | mg/kg | 13 | 20 | 65 | 0.0016 | 0.69 | 0.116 | 0.191 | 0.0012 | 0.0012 | 0.141 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 6.07 | 16.4 | 9.284 | 2.582 | -- | -- | 10.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 6.44 | 25.2 | 13.51 | 5.476 | -- | -- | 15.83 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 20 | 40 | 0.0037 | 0.03 | 0.0105 | 0.00859 | 0.0009 | 0.035 | 0.00944 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 4.15 | 12.1 | 7.219 | 2.328 | -- | -- | 8.174 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte02ft | naphthalene | mg/kg | 13 | 20 | 65 | 0.00033 | 2.8 | 0.277 | 0.774 | 0.00027 | 0.00031 | 0.803 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte02ft | pyrene | mg/kg | 16 | 20 | 80 | 0.0009 | 2.9 | 0.273 | 0.718 | 0.0008 | 0.0008 | 0.854 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte02ft | toluene | µg/kg | 11 | 20 | 55 | 0.14 | 1.4 | 0.452 | 0.389 | 0.12 | 13 | 0.454 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte02ft | tph as diesel | mg/kg | 11 | 20 | 55 | 5.9 | 12000 | 1484 | 3514 | 4.8 | 4.8 | 2071 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | tph as gasoline | mg/kg | 8 | 20 | 40 | 0.049 | 140 | 22.03 | 48.85 | 0.049 | 0.096 | 40.98 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte02ft | tph as motor oil | mg/kg | 12 | 20 | 60 | 12 | 13000 | 1846 | 3624 | 7 | 7 | 2523 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 20.6 | 41.2 | 30.87 | 6.943 | -- | -- | 33.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 22 | 61.2 | 38.97 | 11.66 | -- | -- | 43.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 30 | 47 | 0.11 | 160 | 21.34 | 47.38 | 0.09 | 9.8 | 37.22 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 30 | 23 | 0.23 | 49 | 13.72 | 19.6 | 0.077 | 8.3 | 12.37 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 30 | 47 | 0.0016 | 17 | 2.805 | 5.769 | 0.0011 | 0.021 | 4.653 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 30 | 63 | 0.0008 | 21 | 2.438 | 6.055 | 0.0006 | 0.012 | 5.497 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 2.85 | 10.7 | 4.955 | 1.674 | -- | -- | 5.471 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte05ft | bap teq | mg/kg | 22 | 30 | 73 | 0.00091 | 0.682 | 0.0859 | 0.166 | 0.00053 | 0.00053 | 0.181 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte05ft | benzene | µg/kg | 20 | 30 | 67 | 0.12 | 13 | 1.442 | 3.079 | 0.1 | 11 | 3.095 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 30 | 60 | 0.0008 | 0.58 | 0.0785 | 0.155 | 0.0007 | 0.013 | 0.148 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 22 | 30 | 73 | 0.0006 | 0.53 | 0.0676 | 0.129 | 0.0005 | 0.0005 | 0.141 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 30 | 60 | 0.0005 | 0.34 | 0.0463 | 0.0898 | 0.0004 | 0.007 | 0.052 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 30 | 23 | 0.002 | 0.034 | 0.00987 | 0.0111 | 0.0011 | 0.23 | 0.00643 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 30 | 17 | 0.23 | 0.27 | 0.244 | 0.0152 | 0.22 | 0.22 | 0.242 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | lte05ft | chrysene | mg/kg | 21 | 30 | 70 | 0.0015 | 1.8 | 0.22 | 0.463 | 0.0012 | 0.0012 | 0.291 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 4.79 | 16.4 | 8.328 | 2.656 | -- | -- | 9.152 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | lte05ft | copper | mg/kg | 30 | 30 | 100 | 4.34 | 25.2 | 11.43 | 5.42 | -- | -- | 13.36 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte05ft | ethylbenzene | µg/kg | 8 | 30 | 27 | 0.19 | 270 | 58.91 | 93.98 | 0.12 | 13 | 33.22 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 30 | 33 | 0.0017 | 0.03 | 0.0101 | 0.00825 | 0.0009 | 0.17 | 0.00718 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte05ft | lead | mg/kg | 30 | 30 | 100 | 2.97 | 12.1 | 6.39 | 2.415 | -- | -- | 7.181 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte05ft | naphthalene | mg/kg | 21 | 30 | 70 | 0.00033 | 6.8 | 0.769 | 1.901 | 0.00027 | 0.00031 | 1.836 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte05ft | pyrene | mg/kg | 24 | 30 | 80 | 0.0009 | 3.5 | 0.442 | 1.005 | 0.0008 | 0.0008 | 1.084 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte05ft | toluene | µg/kg | 15 | 30 | 50 | 0.14 | 1.4 | 0.453 | 0.344 | 0.12 | 13 | 0.404 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte05ft | tph as diesel | mg/kg | 17 | 30 | 57 | 5.9 | 13000 | 2219 | 4320 | 4.8 | 4.8 | 2470 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte05ft | tph as gasoline | mg/kg | 14 | 30 | 47 | 0.049 | 430 | 73.3 | 136.3 | 0.048 | 0.096 | 65.41 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte05ft | tph as motor oil | mg/kg | 18 | 30 | 60 | 12 | 13000 | 2316 | 4082 | 7 | 7 | 2545 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 19 | 41.2 | 28.97 | 6.795 | -- | -- | 31.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | lte05ft | xylenes, total | µg/kg | 10 | 30 | 33 | 0.18 | 99 | 13.93 | 30.29 | 0.16 | 17 | 10.64 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 22 | 61.2 | 35.28 | 11.11 | -- | -- | 38.84 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24717 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 38 | 45 | 0.11 | 160 | 18.14 | 43.31 | 0.09 | 9.8 | 29.68 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 38 | 26 | 0.15 | 49 | 9.89 | 17.15 | 0.077 | 8.3 | 9.711 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 20 | 38 | 53 | 0.0011 | 17 | 1.971 | 4.948 | 0.0011 | 0.021 | 3.675 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 26 | 38 | 68 | 0.0008 | 21 | 1.786 | 5.253 | 0.0006 | 0.012 | 4.353 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte10ft | arsenic | mg/kg | 38 | 38 | 100 | 2.85 | 10.7 | 4.93 | 1.582 | -- | -- | 5.356 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte10ft | bap teq | mg/kg | 28 | 38 | 74 | 0.000536 | 0.682 | 0.0699 | 0.15 | 0.00053 | 0.00053 | 0.146 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte10ft | benzene | µg/kg | 24 | 38 | 63 | 0.12 | 13 | 1.248 | 2.834 | 0.1 | 11 | 2.491 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 22 | 38 | 58 | 0.0008 | 0.58 | 0.0671 | 0.142 | 0.0007 | 0.013 | 0.119 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 26 | 38 | 68 | 0.0006 | 0.53 | 0.0589 | 0.12 | 0.0005 | 0.0005 | 0.113 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 38 | 61 | 0.0005 | 0.34 | 0.0379 | 0.0807 | 0.0004 | 0.007 | 0.0695 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 38 | 24 | 0.002 | 0.034 | 0.0112 | 0.0114 | 0.0011 | 0.23 | 0.00652 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 38 | 16 | 0.22 | 0.27 | 0.24 | 0.0167 | 0.22 | 0.22 | 0.241 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | lte10ft | chrysene | mg/kg | 26 | 38 | 68 | 0.0012 | 1.8 | 0.181 | 0.422 | 0.0012 | 0.0012 | 0.378 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte10ft | cobalt | mg/kg | 38 | 38 | 100 | 4.68 | 17 | 8.555 | 3.181 | -- | -- | 9.428 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte10ft | copper | mg/kg | 38 | 38 | 100 | 4.34 | 25.2 | 10.9 | 4.978 | -- | -- | 12.3 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte10ft | ethylbenzene | µg/kg | 12 | 38 | 32 | 0.15 | 270 | 43.7 | 78.65 | 0.12 | 13 | 27.33 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 38 | 32 | 0.0017 | 0.03 | 0.0102 | 0.00813 | 0.0009 | 0.17 | 0.00711 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24717 marbella ave | lte10ft | lead | mg/kg | 38 | 38 | 100 | 2.6 | 12.1 | 5.724 | 2.515 | -- | -- | 6.444 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte10ft | naphthalene | mg/kg | 27 | 38 | 71 | 0.00033 | 6.8 | 0.606 | 1.696 | 0.00027 | 0.00031 | 1.461 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24717 marbella ave | lte10ft | pyrene | mg/kg | 31 | 38 | 82 | 0.0009 | 3.5 | 0.348 | 0.898 | 0.0008 | 0.0008 | 0.866 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte10ft | toluene | µg/kg | 19 | 38 | 50 | 0.14 | 1.4 | 0.398 | 0.324 | 0.12 | 13 | 0.355 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte10ft | tph as diesel | mg/kg | 20 | 38 | 53 | 5.9 | 13000 | 1891 | 4045 | 4.8 | 4.8 | 3183 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte10ft | tph as gasoline | mg/kg | 17 | 38 | 45 | 0.049 | 430 | 63.46 | 125.2 | 0.048 | 0.096 | 53 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24717 marbella ave | lte10ft | tph as motor oil | mg/kg | 21 | 38 | 55 | 11 | 13000 | 1991 | 3851 | 7 | 7 | 3252 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24717 marbella ave | lte10ft | vanadium | mg/kg | 38 | 38 | 100 | 18.3 | 41.2 | 27.52 | 6.898 | -- | -- | 29.49 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte10ft | xylenes, total | µg/kg | 13 | 38 | 34 | 0.18 | 99 | 11.43 | 26.67 | 0.16 | 17 | 8.597 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24717 marbella ave | lte10ft | zinc | mg/kg | 38 | 38 | 100 | 22 | 61.2 | 35.24 | 10.07 | -- | -- | 38.04 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 17 | 59 | 0.13 | 2100 | 418.9 | 688.1 | 0.091 | 9.5 | 507.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 17 | 41 | 2.3 | 770 | 158.9 | 272 | 0.077 | 86 | 149 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 17 | 59 | 0.0041 | 25 | 14.65 | 7.859 | 0.0011 | 0.0011 | 15.35 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 17 | 65 | 0.0008 | 41 | 19.92 | 14.88 | 0.0006 | 0.0006 | 20.07 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | antimony | mg/kg | 7 | 16 | 44 | 0.309 | 0.592 | 0.405 | 0.107 | 0.306 | 0.306 | 0.399 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | arsenic | mg/kg | 16 | 16 | 100 | 1.62 | 5.87 | 3.932 | 1.101 | -- | -- | 4.414 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | cobalt | mg/kg | 16 | 16 | 100 | 5.22 | 9.39 | 6.508 | 1.042 | -- | -- | 6.983 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | gt05lte10ft | copper | mg/kg | 16 | 16 | 100 | 6.53 | 9.58 | 8.325 | 0.986 | -- | -- | 8.757 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 17 | 59 | 0.2 | 22000 | 8320 | 6165 | 0.12 | 0.13 | 8306 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | lead | mg/kg | 16 | 16 | 100 | 3.39 | 5.6 | 4.041 | 0.542 | -- | -- | 4.28 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | naphthalene | mg/kg | 12 | 17 | 71 | 0.0055 | 21 | 8.619 | 6.762 | 0.00025 | 0.00027 | 9.052 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | pyrene | mg/kg | 5 | 17 | 29 | 0.0015 | 1.1 | 0.389 | 0.449 | 0.0008 | 0.33 | 0.477 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 17 | 59 | 5.5 | 16000 | 8571 | 5501 | 4.8 | 4.8 | 8435 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 17 | 59 | 0.49 | 2100 | 1044 | 684.4 | 0.048 | 0.053 | 1102 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 9 | 17 | 53 | 2000 | 15000 | 9656 | 4683 | 7 | 7 | 9706 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | vanadium | mg/kg | 16 | 16 | 100 | 18.8 | 34.8 | 26.81 | 4.453 | -- | -- | 28.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 17 | 35 | 88 | 2300 | 495.5 | 884.9 | 0.16 | 81 | 623.5 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | gt05lte10ft | zinc | mg/kg | 16 | 16 | 100 | 22.3 | 33.7 | 26.63 | 2.895 | -- | -- | 27.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 30 | 17 | 0.26 | 1.1 | 0.538 | 0.342 | 0.095 | 0.52 | 0.533 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 30 | 40 | 0.0008 | 0.11 | 0.0249 | 0.029 | 0.0006 | 0.012 | 0.0175 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | antimony | mg/kg | 21 | 28 | 75 | 0.333 | 2.55 | 0.815 | 0.532 | 0.306 | 0.306 | 0.86 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | arsenic | mg/kg | 28 | 28 | 100 | 1.02 | 7.88 | 3.334 | 2.162 | -- | -- | 4.13 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | bap teq | mg/kg | 27 | 30 | 90 | 0.00088 | 0.143 | 0.0232 | 0.034 | 0.00053 | 0.00053 | 0.0472 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | benzene | µg/kg | 27 | 30 | 90 | 0.12 | 3.4 | 0.476 | 0.653 | 0.11 | 0.12 | 0.941 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 30 | 57 | 0.0016 | 0.16 | 0.0293 | 0.0388 | 0.0007 | 0.026 | 0.0287 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 30 | 60 | 0.0006 | 0.1 | 0.0223 | 0.0305 | 0.0005 | 0.02 | 0.0225 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 30 | 47 | 0.001 | 0.053 | 0.013 | 0.0175 | 0.0004 | 0.014 | 0.011 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 30 | 23 | 0.0016 | 0.011 | 0.00526 | 0.00447 | 0.0011 | 0.045 | 0.00449 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte02ft | cadmium | mg/kg | 16 | 28 | 57 | 0.0919 | 0.19 | 0.113 | 0.0248 | 0.0883 | 0.0883 | 0.111 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte02ft | chrysene | mg/kg | 25 | 30 | 83 | 0.0016 | 0.65 | 0.0806 | 0.134 | 0.0012 | 0.0012 | 0.167 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | cobalt | mg/kg | 28 | 28 | 100 | 5.33 | 9.96 | 6.802 | 1.184 | -- | -- | 7.19 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | copper | mg/kg | 28 | 28 | 100 | 8.1 | 16.3 | 10.4 | 2.306 | -- | -- | 11.16 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24718 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 30 | 40 | 0.0012 | 0.031 | 0.00963 | 0.0108 | 0.0009 | 0.035 | 0.00821 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | lead | mg/kg | 28 | 28 | 100 | 3.09 | 17.3 | 5.734 | 2.909 | -- | -- | 6.604 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte02ft | naphthalene | mg/kg | 11 | 30 | 37 | 0.00027 | 0.039 | 0.00467 | 0.0114 | 0.00026 | 0.00072 | 0.00572 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte02ft | pyrene | mg/kg | 26 | 30 | 87 | 0.0009 | 0.44 | 0.0548 | 0.0955 | 0.0008 | 0.0008 | 0.12 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | toluene | µg/kg | 17 | 30 | 57 | 0.13 | 1.4 | 0.379 | 0.358 | 0.13 | 0.45 | 0.367 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte02ft | tph as diesel | mg/kg | 23 | 30 | 77 | 5.5 | 5100 | 609.7 | 1332 | 4.8 | 4.8 | 1420 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte02ft | tph as gasoline | mg/kg | 20 | 30 | 67 | 0.055 | 0.54 | 0.152 | 0.124 | 0.051 | 0.063 | 0.156 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte02ft | tph as motor oil | mg/kg | 23 | 30 | 77 | 11 | 8600 | 1341 | 2225 | 7 | 7 | 2647 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte02ft | vanadium | mg/kg | 28 | 28 | 100 | 15.7 | 33.8 | 23.66 | 5.658 | -- | -- | 25.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | lte02ft | xylenes, total | µg/kg | 8 | 30 | 27 | 0.21 | 0.45 | 0.279 | 0.0864 | 0.16 | 0.49 | 0.251 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | lte02ft | zinc | mg/kg | 28 | 28 | 100 | 20.9 | 42.2 | 29.19 | 5.797 | -- | -- | 31.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 53 | 34 | 0.26 | 60000 | 3481 | 14111 | 0.091 | 0.52 | 6210 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 neptune ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 15 | 53 | 28 | 0.11 | 25000 | 1698 | 6447 | 0.077 | 9.2 | 2588 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 17 | 53 | 32 | 0.013 | 28 | 9.374 | 9.834 | 0.0011 | 0.05 | 4.663 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 29 | 53 | 55 | 0.0007 | 51 | 8.462 | 14.66 | 0.0006 | 0.012 | 11.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | antimony | mg/kg | 34 | 49 | 69 | 0.333 | 2.55 | 0.707 | 0.443 | 0.306 | 0.306 | 0.709 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | arsenic | mg/kg | 49 | 49 | 100 | 1.02 | 7.88 | 3.044 | 1.841 | -- | -- | 4.19 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | bap teq | mg/kg | 39 | 53 | 74 | 0.00088 | 0.475 | 0.0543 | 0.0943 | 0.00053 | 0.208 | 0.0923 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 neptune ave | lte05ft | benzene | µg/kg | 36 | 53 | 68 | 0.11 | 1200 | 33.75 | 199.9 | 0.11 | 20 | 122.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 24 | 53 | 45 | 0.0016 | 0.35 | 0.0781 | 0.11 | 0.0007 | 0.26 | 0.0578 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 23 | 53 | 43 | 0.0006 | 0.39 | 0.0468 | 0.0892 | 0.0005 | 0.2 | 0.037 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 53 | 34 | 0.001 | 0.12 | 0.0192 | 0.0301 | 0.0004 | 0.14 | 0.0132 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 11 | 53 | 21 | 0.0016 | 0.058 | 0.011 | 0.0168 | 0.0011 | 0.45 | 0.00805 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | cadmium | mg/kg | 18 | 49 | 37 | 0.0898 | 0.19 | 0.112 | 0.0241 | 0.0883 | 0.0883 | 0.102 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte05ft | chrysene | mg/kg | 37 | 53 | 70 | 0.0016 | 1 | 0.191 | 0.287 | 0.0012 | 0.47 | 0.198 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte05ft | cobalt | mg/kg | 49 | 49 | 100 | 5.02 | 11.3 | 7.098 | 1.409 | -- | -- | 7.436 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte05ft | copper | mg/kg | 49 | 49 | 100 | 6.21 | 16.3 | 9.711 | 2.379 | -- | -- | 10.29 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 53 | 11 | 0.0025 | 0.058 | 0.0222 | 0.021 | 0.0007 | 0.27 | 0.0131 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | lte05ft | ethylbenzene | µg/kg | 18 | 53 | 34 | 0.14 | 25000 | 3456 | 6561 | 0.12 | 0.16 | 2135 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 53 | 30 | 0.0012 | 0.078 | 0.0143 | 0.0198 | 0.0009 | 0.35 | 0.0105 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte05ft | lead | mg/kg | 49 | 49 | 100 | 3.05 | 17.3 | 5.208 | 2.406 | -- | -- | 5.809 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | naphthalene | mg/kg | 24 | 53 | 45 | 0.00027 | 24 | 4.465 | 6.851 | 0.00025 | 0.00072 | 5.099 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | pyrene | mg/kg | 42 | 53 | 79 | 0.0009 | 2.7 | 0.34 | 0.726 | 0.0008 | 0.33 | 0.667 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | toluene | µg/kg | 23 | 53 | 43 | 0.13 | 17 | 1.085 | 3.485 | 0.12 | 57 | 1.247 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | tph as diesel | mg/kg | 41 | 53 | 77 | 5.5 | 20000 | 3431 | 5601 | 4.8 | 4.8 | 5730 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | tph as gasoline | mg/kg | 35 | 53 | 66 | 0.055 | 3400 | 339.1 | 728.4 | 0.041 | 0.063 | 591.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | tph as motor oil | mg/kg | 41 | 53 | 77 | 11 | 20000 | 4073 | 5702 | 7 | 7 | 6328 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte05ft | vanadium | mg/kg | 49 | 49 | 100 | 15.7 | 36.3 | 24.17 | 5.902 | -- | -- | 25.66 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte05ft | xylenes, total | µg/kg | 19 | 53 | 36 | 0.18 | 79000 | 4210 | 18112 | 0.16 | 19 | 8120 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte05ft | zinc | mg/kg | 49 | 49 | 100 | 19.9 | 42.2 | 27.48 | 5.392 | -- | -- | 28.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 28 | 70 | 40 | 0.13 | 60000 | 2388 | 11304 | 0.091 | 9.5 | 4731 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 22 | 70 | 31 | 0.11 | 25000 | 1208 | 5317 | 0.077 | 86 | 1961 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 27 | 70 | 39 | 0.0041 | 28 | 11.33 | 9.362 | 0.0011 | 0.05 | 8.584 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 40 | 70 | 57 | 0.0007 | 51 | 11.61 | 15.43 | 0.0006 | 0.012 | 13.43 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | antimony | mg/kg | 41 | 65 | 63 | 0.309 | 2.55 | 0.656 | 0.42 | 0.306 | 0.306 | 0.621 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | arsenic | mg/kg | 65 | 65 | 100 | 1.02 | 7.88 | 3.262 | 1.725 | -- | -- | 3.646 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte10ft | bap teq | mg/kg | 42 | 70 | 60 | 0.00088 | 0.475 | 0.0634 | 0.0973 | 0.00053 | 0.234 | 0.0838 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | benzene | µg/kg | 39 | 70 | 56 | 0.11 | 1200 | 32.4 | 192 | 0.1 | 54 | 93.32 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 25 | 70 | 36 | 0.0016 | 0.35 | 0.0846 | 0.112 | 0.0007 | 0.39 | 0.0511 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 70 | 33 | 0.0006 | 0.39 | 0.0468 | 0.0892 | 0.0005 | 0.25 | 0.0293 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 18 | 70 | 26 | 0.001 | 0.12 | 0.0192 | 0.0301 | 0.0004 | 0.25 | 0.011 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 70 | 16 | 0.0016 | 0.058 | 0.011 | 0.0168 | 0.0011 | 0.45 | 0.00715 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | cadmium | mg/kg | 18 | 65 | 28 | 0.0898 | 0.19 | 0.112 | 0.0241 | 0.0883 | 0.0883 | 0.0993 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte10ft | chrysene | mg/kg | 40 | 70 | 57 | 0.0016 | 1 | 0.216 | 0.29 | 0.0012 | 0.47 | 0.177 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte10ft | cobalt | mg/kg | 65 | 65 | 100 | 5.02 | 11.3 | 6.952 | 1.345 | -- | -- | 7.235 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | copper | mg/kg | 65 | 65 | 100 | 6.21 | 16.3 | 9.37 | 2.199 | -- | -- | 9.834 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 70 | 8.6 | 0.0025 | 0.058 | 0.0222 | 0.021 | 0.0007 | 0.27 | 0.0242 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | lte10ft | ethylbenzene | µg/kg | 28 | 70 | 40 | 0.14 | 25000 | 5193 | 6738 | 0.12 | 0.16 | 4676 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 70 | 23 | 0.0012 | 0.078 | 0.0143 | 0.0198 | 0.0009 | 0.35 | 0.00891 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24718 neptune ave | lte10ft | lead | mg/kg | 65 | 65 | 100 | 3.05 | 17.3 | 4.92 | 2.161 | -- | -- | 5.387 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | naphthalene | mg/kg | 36 | 70 | 51 | 0.00027 | 24 | 5.85 | 7.011 | 0.00025 | 0.00072 | 6.05 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | pyrene | mg/kg | 47 | 70 | 67 | 0.0009 | 2.7 | 0.346 | 0.699 | 0.0008 | 0.33 | 0.545 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 neptune ave | lte10ft | toluene | µg/kg | 24 | 70 | 34 | 0.13 | 17 | 1.665 | 4.437 | 0.12 | 81 | 1.414 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | tph as diesel | mg/kg | 51 | 70 | 73 | 5.5 | 20000 | 4438 | 5898 | 4.8 | 4.8 | 6056 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 neptune ave | lte10ft | tph as gasoline | mg/kg | 45 | 70 | 64 | 0.055 | 3400 | 495.7 | 770.4 | 0.041 | 0.063 | 664 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | tph as motor oil | mg/kg | 50 | 70 | 71 | 11 | 20000 | 5078 | 5901 | 7 | 7 | 6494 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 neptune ave | lte10ft | vanadium | mg/kg | 65 | 65 | 100 | 15.7 | 36.3 | 24.82 | 5.664 | -- | -- | 25.99 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 neptune ave | lte10ft | xylenes, total | µg/kg | 25 | 70 | 36 | 0.18 | 79000 | 3318 | 15774 | 0.16 | 81 | 6169 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 neptune ave | lte10ft | zinc | mg/kg | 65 | 65 | 100 | 19.9 | 42.2 | 27.27 | 4.889 | -- | -- | 28.28 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 14 | 57 | 0.0065 | 0.033 | 0.0124 | 0.00886 | 0.0011 | 0.0054 | 0.0133 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 14 | 100 | 0.0011 | 0.13 | 0.029 | 0.0336 | -- | -- | 0.0499 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 3.24 | 11.7 | 5.417 | 2.21 | -- | -- | 6.517 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00452 | 0.17 | 0.0606 | 0.0503 | -- | -- | 0.0844 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte02ft | benzene | µg/kg | 10 | 14 | 71 | 0.15 | 0.84 | 0.42 | 0.236 | 0.1 | 0.12 | 0.455 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.0043 | 0.22 | 0.0649 | 0.0679 | -- | -- | 0.11 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 14 | 100 | 0.0034 | 0.13 | 0.045 | 0.0375 | -- | -- | 0.0628 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 14 | 100 | 0.0015 | 0.084 | 0.0295 | 0.0264 | -- | -- | 0.0482 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 14 | 64 | 0.0021 | 0.042 | 0.0162 | 0.0127 | 0.0056 | 0.023 | 0.0179 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.012 | 0.62 | 0.183 | 0.187 | -- | -- | 0.313 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.27 | 7.78 | 6.907 | 0.497 | -- | -- | 7.143 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 8.07 | 26.3 | 14.68 | 5.739 | -- | -- | 18 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 14 | 50 | 0.0037 | 0.014 | 0.00956 | 0.00448 | 0.0007 | 0.0034 | 0.0106 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 14 | 71 | 0.0009 | 0.044 | 0.0162 | 0.014 | 0.0043 | 0.0043 | 0.0186 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 8.02 | 37.6 | 16.45 | 9.675 | -- | -- | 21.54 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 panama ave | lte02ft | naphthalene | mg/kg | 11 | 14 | 79 | 0.0043 | 0.045 | 0.0136 | 0.0117 | 0.00027 | 0.00028 | 0.0182 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.009 | 0.6 | 0.174 | 0.189 | -- | -- | 0.321 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte02ft | toluene | µg/kg | 8 | 14 | 57 | 0.14 | 0.61 | 0.311 | 0.161 | 0.11 | 0.14 | 0.329 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 43 | 1300 | 268.7 | 318.2 | -- | -- | 436.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 150 | 3300 | 695 | 786.2 | -- | -- | 1072 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 panama ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 20.8 | 30.8 | 26.43 | 2.844 | -- | -- | 27.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 25.9 | 102 | 50.14 | 24.08 | -- | -- | 62.29 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 26 | 38 | 0.091 | 150 | 16.54 | 46.99 | 0.088 | 0.13 | 32.35 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 26 | 27 | 0.14 | 62 | 9.63 | 23.11 | 0.074 | 0.11 | 13.66 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 19 | 26 | 73 | 0.0046 | 3.8 | 0.394 | 0.932 | 0.0011 | 0.0054 | 0.987 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 26 | 26 | 100 | 0.0011 | 9 | 0.512 | 1.774 | -- | -- | 2.029 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 2.1 | 11.7 | 4.754 | 2.007 | -- | -- | 5.429 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24718 panama ave | lte05ft | bap teq | mg/kg | 26 | 26 | 100 | 0.00452 | 16.09 | 0.76 | 3.132 | -- | -- | 3.437 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | benzene | µg/kg | 20 | 26 | 77 | 0.15 | 0.84 | 0.447 | 0.212 | 0.1 | 10 | 0.47 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 26 | 26 | 100 | 0.0043 | 21 | 0.947 | 4.093 | -- | -- | 4.446 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 26 | 26 | 100 | 0.0034 | 11 | 0.528 | 2.141 | -- | -- | 2.358 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 25 | 26 | 96 | 0.0015 | 7.5 | 0.368 | 1.489 | 0.0018 | 0.0018 | 1.604 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 19 | 26 | 73 | 0.0015 | 2.1 | 0.154 | 0.476 | 0.0056 | 0.023 | 0.466 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 26 | 19 | 0.24 | 0.6 | 0.34 | 0.15 | 0.22 | 0.22 | 0.286 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte05ft | chrysene | mg/kg | 26 | 26 | 100 | 0.012 | 55 | 2.498 | 10.72 | -- | -- | 11.66 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 5.09 | 7.78 | 6.601 | 0.719 | -- | -- | 6.842 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 6.15 | 26.3 | 12.37 | 5.13 | -- | -- | 14.2 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 26 | 46 | 0.0037 | 3.4 | 0.31 | 0.975 | 0.0007 | 0.027 | 0.727 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte05ft | ethylbenzene | µg/kg | 8 | 26 | 31 | 0.13 | 56 | 8.4 | 19.52 | 0.12 | 0.17 | 12.56 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 26 | 73 | 0.0009 | 3.2 | 0.221 | 0.73 | 0.0009 | 0.0087 | 0.702 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 3.95 | 91 | 18.08 | 17.32 | -- | -- | 23.36 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte05ft | naphthalene | mg/kg | 23 | 26 | 88 | 0.00032 | 2.6 | 0.18 | 0.544 | 0.00027 | 0.00028 | 0.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | pyrene | mg/kg | 26 | 26 | 100 | 0.009 | 47 | 2.304 | 9.153 | -- | -- | 10.13 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | toluene | µg/kg | 18 | 26 | 69 | 0.14 | 1.2 | 0.333 | 0.256 | 0.11 | 12 | 0.366 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte05ft | tph as diesel | mg/kg | 26 | 26 | 100 | 43 | 16000 | 1210 | 3171 | -- | -- | 2402 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | tph as gasoline | mg/kg | 12 | 26 | 46 | 0.054 | 3.3 | 0.761 | 1.035 | 0.048 | 0.057 | 0.646 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte05ft | tph as motor oil | mg/kg | 26 | 26 | 100 | 140 | 27000 | 2153 | 5283 | -- | -- | 3427 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 17.1 | 30.8 | 24.73 | 3.686 | -- | -- | 25.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte05ft | xylenes, total | µg/kg | 8 | 26 | 31 | 0.18 | 77 | 11.3 | 26.72 | 0.15 | 0.23 | 8.897 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24718 panama ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 18.6 | 102 | 42.6 | 20.46 | -- | -- | 49.36 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte10ft | 1,2,3-trichloropropane | µg/kg | 5 | 33 | 15 | 0.65 | 1.2 | 0.9 | 0.242 | 0.48 | 50 | 0.882 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 33 | 39 | 0.091 | 150 | 12.79 | 41.31 | 0.088 | 0.13 | 25.37 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 33 | 27 | 0.093 | 62 | 7.527 | 20.45 | 0.073 | 0.11 | 10.65 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 25 | 33 | 76 | 0.0046 | 3.8 | 0.303 | 0.824 | 0.0011 | 0.0054 | 0.784 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 33 | 33 | 100 | 0.0011 | 9 | 0.41 | 1.581 | -- | -- | 1.61 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 2.1 | 11.7 | 4.978 | 1.86 | -- | -- | 5.542 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte10ft | bap teq | mg/kg | 33 | 33 | 100 | 0.00452 | 16.09 | 0.625 | 2.781 | -- | -- | 2.735 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | benzene | µg/kg | 25 | 33 | 76 | 0.11 | 1.9 | 0.488 | 0.362 | 0.1 | 10 | 0.519 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 33 | 33 | 100 | 0.0043 | 21 | 0.763 | 3.636 | -- | -- | 3.522 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 33 | 33 | 100 | 0.0034 | 11 | 0.435 | 1.901 | -- | -- | 1.877 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 32 | 33 | 97 | 0.0015 | 7.5 | 0.306 | 1.316 | 0.0018 | 0.0018 | 1.281 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 24 | 33 | 73 | 0.0015 | 2.1 | 0.137 | 0.423 | 0.0056 | 0.023 | 0.378 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | chromium, hexavalent | mg/kg | 8 | 33 | 24 | 0.22 | 0.6 | 0.319 | 0.126 | 0.22 | 0.22 | 0.267 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte10ft | chrysene | mg/kg | 33 | 33 | 100 | 0.012 | 55 | 2.015 | 9.521 | -- | -- | 9.239 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 5.09 | 9.58 | 6.908 | 0.971 | -- | -- | 7.194 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 6.15 | 26.3 | 11.62 | 4.776 | -- | -- | 13.07 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 18 | 33 | 55 | 0.0037 | 3.4 | 0.214 | 0.796 | 0.0007 | 0.027 | 0.572 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte10ft | ethylbenzene | µg/kg | 9 | 33 | 27 | 0.13 | 56 | 7.492 | 18.46 | 0.12 | 0.17 | 9.913 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 26 | 33 | 79 | 0.0009 | 3.2 | 0.176 | 0.624 | 0.0009 | 0.0087 | 0.563 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 3.95 | 91 | 15.67 | 16.03 | -- | -- | 19.51 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | naphthalene | mg/kg | 29 | 33 | 88 | 0.00032 | 2.6 | 0.145 | 0.488 | 0.00027 | 0.00034 | 0.477 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte10ft | pyrene | mg/kg | 33 | 33 | 100 | 0.009 | 47 | 1.85 | 8.139 | -- | -- | 8.026 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | toluene | µg/kg | 21 | 33 | 64 | 0.12 | 1.2 | 0.349 | 0.261 | 0.11 | 12 | 0.342 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24718 panama ave | lte10ft | tph as diesel | mg/kg | 33 | 33 | 100 | 29 | 16000 | 981.8 | 2838 | -- | -- | 1462 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | tph as gasoline | mg/kg | 16 | 33 | 48 | 0.054 | 3.3 | 0.633 | 0.919 | 0.047 | 0.057 | 0.555 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24718 panama ave | lte10ft | tph as motor oil | mg/kg | 33 | 33 | 100 | 91 | 27000 | 1769 | 4730 | -- | -- | 5358 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 17.1 | 35.4 | 26.44 | 4.803 | -- | -- | 27.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24718 panama ave | lte10ft | xylenes, total | µg/kg | 10 | 33 | 30 | 0.18 | 77 | 9.12 | 24.01 | 0.15 | 0.23 | 13.44 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24718 panama ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 18.6 | 102 | 40.59 | 18.63 | -- | -- | 46.29 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24719 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 16 | 31 | 0.35 | 3 | 1.024 | 1.125 | 0.083 | 0.19 | 0.876 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 16 | 69 | 0.0015 | 0.064 | 0.0196 | 0.0175 | 0.0006 | 0.048 | 0.0232 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.32 | 8.64 | 5.978 | 1.922 | -- | -- | 6.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte02ft | bap teq | mg/kg | 14 | 16 | 88 | 0.000888 | 0.192 | 0.0533 | 0.0506 | 0.0103 | 0.0103 | 0.102 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | benzene | µg/kg | 15 | 16 | 94 | 0.16 | 1 | 0.421 | 0.252 | 0.095 | 0.095 | 0.523 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 16 | 75 | 0.0031 | 0.14 | 0.0405 | 0.0352 | 0.0007 | 0.013 | 0.0481 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 16 | 81 | 0.0006 | 0.16 | 0.0443 | 0.0422 | 0.0039 | 0.0099 | 0.0819 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 16 | 63 | 0.0028 | 0.047 | 0.0253 | 0.0117 | 0.0004 | 0.028 | 0.0274 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 16 | 31 | 0.013 | 0.024 | 0.0192 | 0.00444 | 0.0011 | 0.09 | 0.0198 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte02ft | bis(2-ethylhexyl) phthalate | mg/kg | 6 | 16 | 38 | 0.48 | 0.76 | 0.63 | 0.118 | 0.16 | 1.6 | 0.629 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte02ft | chrysene | mg/kg | 14 | 16 | 88 | 0.0014 | 0.37 | 0.117 | 0.111 | 0.024 | 0.024 | 0.223 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.12 | 12.1 | 8.302 | 1.635 | -- | -- | 9.018 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 8.46 | 36.5 | 19.27 | 7.939 | -- | -- | 22.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 16 | 63 | 0.0024 | 0.074 | 0.0219 | 0.0199 | 0.0009 | 0.017 | 0.0253 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 6.49 | 65.5 | 24.42 | 17.78 | -- | -- | 34.19 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | naphthalene | mg/kg | 6 | 16 | 38 | 0.0048 | 0.1 | 0.0261 | 0.0372 | 0.00025 | 0.00031 | 0.0325 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 neptune ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.001 | 0.45 | 0.118 | 0.143 | -- | -- | 0.219 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | toluene | µg/kg | 15 | 16 | 94 | 0.16 | 2.1 | 0.65 | 0.482 | 0.11 | 0.11 | 0.84 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 15 | 3000 | 503.5 | 769.1 | -- | -- | 944.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 22 | 6200 | 1220 | 1583 | -- | -- | 2203 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 19.7 | 39 | 28.65 | 5.302 | -- | -- | 30.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte02ft | xylenes, total | µg/kg | 10 | 16 | 63 | 0.19 | 1.3 | 0.422 | 0.318 | 0.14 | 0.19 | 0.514 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 29.5 | 175 | 76.04 | 43.97 | -- | -- | 97.76 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 26 | 42 | 0.15 | 1700 | 183.7 | 511.4 | 0.083 | 0.19 | 373.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 26 | 23 | 0.11 | 70 | 16.13 | 28 | 0.07 | 0.16 | 8.947 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 8 | 26 | 31 | 0.0055 | 16 | 3.872 | 6.392 | 0.0011 | 0.086 | 2.544 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 26 | 73 | 0.0014 | 31 | 2.988 | 8.45 | 0.0006 | 0.048 | 8.468 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 2.32 | 8.64 | 5.545 | 1.794 | -- | -- | 6.146 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte05ft | bap teq | mg/kg | 23 | 26 | 88 | 0.000888 | 0.192 | 0.0533 | 0.0456 | 0.00053 | 0.0103 | 0.0626 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24719 neptune ave | lte05ft | benzene | µg/kg | 24 | 26 | 92 | 0.13 | 25 | 2.02 | 5.735 | 0.095 | 0.12 | 6.605 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 26 | 69 | 0.0031 | 0.14 | 0.0424 | 0.0333 | 0.0007 | 0.13 | 0.0441 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 18 | 26 | 69 | 0.0006 | 0.16 | 0.0425 | 0.0379 | 0.0005 | 0.099 | 0.0453 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 26 | 50 | 0.0028 | 0.047 | 0.0246 | 0.0117 | 0.0004 | 0.07 | 0.0231 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 26 | 23 | 0.0083 | 0.024 | 0.0174 | 0.00596 | 0.0011 | 0.23 | 0.0185 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 6 | 26 | 23 | 0.48 | 0.76 | 0.63 | 0.118 | 0.16 | 3.3 | 0.598 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte05ft | chrysene | mg/kg | 22 | 26 | 85 | 0.0014 | 0.37 | 0.146 | 0.118 | 0.0012 | 0.024 | 0.227 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 6.12 | 12.1 | 8.337 | 1.484 | -- | -- | 8.834 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 7.2 | 36.5 | 15.91 | 7.645 | -- | -- | 18.56 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 neptune ave | lte05ft | ethylbenzene | µg/kg | 9 | 26 | 35 | 0.19 | 7900 | 1279 | 2753 | 0.11 | 0.26 | 1933 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 26 | 42 | 0.0024 | 0.074 | 0.0206 | 0.0194 | 0.0009 | 0.17 | 0.0183 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 4.2 | 65.5 | 17.77 | 16.26 | -- | -- | 31.67 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte05ft | naphthalene | mg/kg | 13 | 26 | 50 | 0.0011 | 12 | 1.757 | 4.089 | 0.00025 | 0.00031 | 3.471 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte05ft | pyrene | mg/kg | 25 | 26 | 96 | 0.001 | 1.1 | 0.233 | 0.302 | 0.16 | 0.16 | 0.481 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte05ft | toluene | µg/kg | 20 | 26 | 77 | 0.16 | 2.1 | 0.569 | 0.446 | 0.11 | 12 | 0.66 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte05ft | tph as diesel | mg/kg | 25 | 26 | 96 | 15 | 7900 | 1376 | 2031 | 4.8 | 4.8 | 3042 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 neptune ave | lte05ft | tph as gasoline | mg/kg | 10 | 26 | 38 | 0.062 | 1400 | 261.2 | 549.5 | 0.045 | 0.076 | 413.5 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 neptune ave | lte05ft | tph as motor oil | mg/kg | 25 | 26 | 96 | 22 | 7900 | 1996 | 2263 | 7 | 7 | 3846 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 19.7 | 39 | 29.07 | 5.508 | -- | -- | 30.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte05ft | xylenes, total | µg/kg | 19 | 26 | 73 | 0.19 | 130 | 11.33 | 33.42 | 0.14 | 0.19 | 33.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 25.1 | 175 | 60 | 39.95 | -- | -- | 94.15 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 33 | 48 | 0.15 | 12000 | 902.3 | 2990 | 0.083 | 0.19 | 2056 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 33 | 27 | 0.11 | 320 | 71.87 | 119.5 | 0.07 | 8.5 | 40.63 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 33 | 36 | 0.0055 | 35 | 8.499 | 11.62 | 0.0011 | 0.086 | 5.513 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 33 | 73 | 0.001 | 68 | 7.532 | 16.85 | 0.0006 | 0.048 | 16.69 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 2.32 | 8.64 | 5.502 | 1.642 | -- | -- | 5.986 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte10ft | bap teq | mg/kg | 29 | 33 | 88 | 0.000888 | 0.192 | 0.0523 | 0.0454 | 0.00053 | 0.0103 | 0.0809 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte10ft | benzene | µg/kg | 27 | 33 | 82 | 0.13 | 590 | 23.66 | 113.3 | 0.095 | 21 | 97.49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 21 | 33 | 64 | 0.0031 | 0.14 | 0.0369 | 0.0336 | 0.0007 | 0.13 | 0.0382 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 33 | 64 | 0.0006 | 0.16 | 0.0374 | 0.0373 | 0.0005 | 0.099 | 0.039 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 15 | 33 | 45 | 0.0021 | 0.047 | 0.0219 | 0.013 | 0.0004 | 0.07 | 0.0185 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 33 | 18 | 0.0083 | 0.024 | 0.0174 | 0.00596 | 0.0011 | 0.23 | 0.0186 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 6 | 33 | 18 | 0.48 | 0.76 | 0.63 | 0.118 | 0.16 | 3.3 | 0.603 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte10ft | chrysene | mg/kg | 28 | 33 | 85 | 0.0014 | 0.66 | 0.167 | 0.166 | 0.0012 | 0.024 | 0.267 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 3.33 | 12.1 | 7.824 | 1.769 | -- | -- | 8.346 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 3.9 | 36.5 | 14.34 | 7.495 | -- | -- | 16.83 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24719 neptune ave | lte10ft | ethylbenzene | µg/kg | 12 | 33 | 36 | 0.19 | 23000 | 3859 | 6754 | 0.11 | 0.26 | 4826 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 33 | 33 | 0.0024 | 0.074 | 0.0206 | 0.0194 | 0.0009 | 0.17 | 0.0157 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 2.15 | 65.5 | 15.05 | 15.35 | -- | -- | 26.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte10ft | naphthalene | mg/kg | 17 | 33 | 52 | 0.0011 | 28 | 4.579 | 8.083 | 0.00025 | 0.00033 | 7.111 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte10ft | pyrene | mg/kg | 31 | 33 | 94 | 0.001 | 2.5 | 0.305 | 0.508 | 0.0008 | 0.16 | 0.666 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte10ft | toluene | µg/kg | 23 | 33 | 70 | 0.12 | 2.1 | 0.55 | 0.432 | 0.11 | 24 | 0.62 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte10ft | tph as diesel | mg/kg | 31 | 33 | 94 | 15 | 24000 | 2354 | 4678 | 4.8 | 4.8 | 5679 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 neptune ave | lte10ft | tph as gasoline | mg/kg | 14 | 33 | 42 | 0.062 | 3400 | 658 | 1065 | 0.045 | 0.076 | 864.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte10ft | tph as motor oil | mg/kg | 31 | 33 | 94 | 22 | 24000 | 2847 | 4643 | 7 | 7 | 6129 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 neptune ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 13.1 | 39.1 | 28.43 | 5.997 | -- | -- | 30.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 neptune ave | lte10ft | xylenes, total | µg/kg | 22 | 33 | 67 | 0.19 | 1700 | 136.1 | 404.8 | 0.14 | 0.2 | 346.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 neptune ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 18.1 | 175 | 53.78 | 37.52 | -- | -- | 82.25 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 8 | 88 | 0.17 | 1 | 0.509 | 0.294 | 0.091 | 0.091 | 0.668 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 8 | 63 | 0.083 | 0.32 | 0.201 | 0.0876 | 0.077 | 0.079 | 0.238 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0012 | 0.72 | 0.118 | 0.245 | -- | -- | 0.715 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 4.18 | 6.85 | 5.26 | 0.788 | -- | -- | 5.788 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00699 | 1.74 | 0.325 | 0.582 | -- | -- | 1.633 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | benzene | µg/kg | 6 | 8 | 75 | 0.11 | 1.4 | 0.603 | 0.491 | 0.1 | 0.1 | 0.805 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.0057 | 1.3 | 0.236 | 0.44 | -- | -- | 1.234 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 8 | 100 | 0.0053 | 1.3 | 0.24 | 0.436 | -- | -- | 1.211 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 8 | 100 | 0.0046 | 1 | 0.195 | 0.335 | -- | -- | 0.986 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 8 | 63 | 0.0024 | 0.077 | 0.0483 | 0.0289 | 0.0056 | 0.45 | 0.062 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.016 | 3.2 | 0.598 | 1.078 | -- | -- | 3.03 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24719 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 6.82 | 9.49 | 7.939 | 0.935 | -- | -- | 8.565 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 9.25 | 22.7 | 11.97 | 4.512 | -- | -- | 15.13 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 8 | 75 | 0.0014 | 1.1 | 0.248 | 0.42 | 0.0043 | 0.0043 | 0.775 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 5.75 | 146 | 32.74 | 48.09 | -- | -- | 81.79 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.012 | 3.1 | 0.605 | 1.039 | -- | -- | 3.1 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | toluene | µg/kg | 6 | 8 | 75 | 0.15 | 0.32 | 0.235 | 0.0723 | 0.12 | 0.12 | 0.268 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 24 | 19000 | 2743 | 6582 | -- | -- | 12886 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 72 | 18000 | 3171 | 6086 | -- | -- | 18000 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 27.8 | 38.6 | 32.19 | 3.894 | -- | -- | 34.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | xylenes, total | µg/kg | 5 | 8 | 63 | 0.45 | 3.5 | 1.196 | 1.293 | 0.16 | 0.16 | 1.765 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 28.9 | 93 | 43.39 | 20.98 | -- | -- | 58.53 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.0006 | 0.029 | 0.0117 | 0.0107 | 0.0024 | 0.0024 | 0.0163 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 3.09 | 9.12 | 5.634 | 1.932 | -- | -- | 6.636 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00212 | 0.255 | 0.0432 | 0.0702 | -- | -- | 0.0965 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | benzene | µg/kg | 9 | 12 | 75 | 0.12 | 0.66 | 0.263 | 0.179 | 0.1 | 0.12 | 0.312 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0024 | 0.15 | 0.0325 | 0.0419 | -- | -- | 0.0674 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.0015 | 0.17 | 0.0299 | 0.0469 | -- | -- | 0.066 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 12 | 100 | 0.001 | 0.14 | 0.0234 | 0.0388 | -- | -- | 0.0534 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 12 | 42 | 0.0071 | 0.1 | 0.0277 | 0.0405 | 0.0011 | 0.023 | 0.0332 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte02ft | chromium, hexavalent | mg/kg | 6 | 12 | 50 | 0.27 | 0.44 | 0.307 | 0.0671 | 0.22 | 0.22 | 0.316 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0048 | 0.28 | 0.084 | 0.088 | -- | -- | 0.172 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.84 | 7.4 | 6.648 | 0.54 | -- | -- | 6.928 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 7.46 | 18 | 11.93 | 3.434 | -- | -- | 13.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 12 | 50 | 0.0035 | 0.057 | 0.0163 | 0.0202 | 0.0007 | 0.013 | 0.0183 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 12 | 75 | 0.0011 | 0.24 | 0.0339 | 0.0775 | 0.0009 | 0.0035 | 0.112 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.19 | 18 | 9.247 | 5.032 | -- | -- | 12.41 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | naphthalene | mg/kg | 5 | 12 | 42 | 0.0018 | 0.014 | 0.00836 | 0.0048 | 0.00024 | 0.00029 | 0.00917 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0026 | 0.32 | 0.0788 | 0.102 | -- | -- | 0.186 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | toluene | µg/kg | 6 | 12 | 50 | 0.14 | 0.34 | 0.202 | 0.0733 | 0.12 | 0.14 | 0.209 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 6.5 | 260 | 77.7 | 92.22 | -- | -- | 154.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | tph as gasoline | mg/kg | 5 | 12 | 42 | 0.056 | 0.16 | 0.102 | 0.0397 | 0.046 | 0.066 | 0.108 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 27 | 840 | 201.9 | 233.9 | -- | -- | 363.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 23.1 | 32.8 | 26.07 | 3.266 | -- | -- | 27.8 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 23.3 | 240 | 57.52 | 59.26 | -- | -- | 86.61 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 20 | 40 | 0.1 | 110 | 14.63 | 38.57 | 0.087 | 0.11 | 30.82 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 20 | 45 | 0.006 | 1.8 | 0.458 | 0.687 | 0.0011 | 0.021 | 0.41 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 20 | 95 | 0.0006 | 1.6 | 0.176 | 0.439 | 0.0024 | 0.0024 | 0.586 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte05ft | arsenic | mg/kg | 20 | 20 | 100 | 3.09 | 13.6 | 5.678 | 2.474 | -- | -- | 6.628 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte05ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00212 | 0.843 | 0.145 | 0.241 | -- | -- | 0.275 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte05ft | benzene | µg/kg | 14 | 20 | 70 | 0.12 | 0.66 | 0.288 | 0.171 | 0.1 | 11 | 0.317 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 20 | 20 | 100 | 0.0024 | 1.2 | 0.167 | 0.321 | -- | -- | 0.352 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 20 | 20 | 100 | 0.0015 | 0.67 | 0.11 | 0.193 | -- | -- | 0.222 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 20 | 100 | 0.001 | 0.26 | 0.0554 | 0.0784 | -- | -- | 0.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 20 | 40 | 0.0071 | 0.1 | 0.0256 | 0.0315 | 0.0011 | 0.23 | 0.0251 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 20 | 30 | 0.27 | 0.44 | 0.307 | 0.0671 | 0.22 | 0.22 | 0.298 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte05ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0048 | 2 | 0.38 | 0.606 | -- | -- | 0.763 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte05ft | cobalt | mg/kg | 20 | 20 | 100 | 5.4 | 7.44 | 6.662 | 0.547 | -- | -- | 6.873 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte05ft | copper | mg/kg | 20 | 20 | 100 | 7.46 | 18 | 11.5 | 3.138 | -- | -- | 12.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 20 | 40 | 0.0035 | 0.057 | 0.0159 | 0.0171 | 0.0007 | 0.13 | 0.0142 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte05ft | ethylbenzene | µg/kg | 7 | 20 | 35 | 0.13 | 17 | 3.723 | 5.984 | 0.11 | 0.14 | 2.932 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 20 | 70 | 0.0011 | 0.24 | 0.0342 | 0.0632 | 0.0009 | 0.17 | 0.079 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte05ft | lead | mg/kg | 20 | 20 | 100 | 4.19 | 41.6 | 12.39 | 9.795 | -- | -- | 16.97 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte05ft | naphthalene | mg/kg | 7 | 20 | 35 | 0.0018 | 0.019 | 0.00961 | 0.00574 | 0.00024 | 0.026 | 0.00895 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte05ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0026 | 4.1 | 0.735 | 1.356 | -- | -- | 2.057 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte05ft | toluene | µg/kg | 10 | 20 | 50 | 0.13 | 0.5 | 0.222 | 0.114 | 0.11 | 12 | 0.216 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | lte05ft | tph as diesel | mg/kg | 20 | 20 | 100 | 6.5 | 5000 | 869.6 | 1400 | -- | -- | 1938 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte05ft | tph as gasoline | mg/kg | 11 | 20 | 55 | 0.056 | 0.97 | 0.195 | 0.265 | 0.046 | 0.066 | 0.217 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte05ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 27 | 7800 | 1576 | 2246 | -- | -- | 3765 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte05ft | vanadium | mg/kg | 20 | 20 | 100 | 22.8 | 35.3 | 26.38 | 3.525 | -- | -- | 27.77 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24719 panama ave | lte05ft | xylenes, total | µg/kg | 6 | 20 | 30 | 0.16 | 55 | 11.84 | 21.21 | 0.15 | 0.19 | 8.697 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | lte05ft | zinc | mg/kg | 20 | 20 | 100 | 23.3 | 240 | 47.12 | 47.03 | -- | -- | 92.96 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 28 | 54 | 0.1 | 110 | 8.041 | 28.23 | 0.087 | 0.11 | 21.71 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 28 | 29 | 0.083 | 81 | 10.56 | 28.47 | 0.073 | 0.091 | 16.29 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 28 | 43 | 0.006 | 1.8 | 0.35 | 0.618 | 0.0011 | 0.43 | 0.518 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 27 | 28 | 96 | 0.0006 | 1.6 | 0.159 | 0.387 | 0.0024 | 0.0024 | 0.468 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 3.09 | 13.6 | 5.558 | 2.122 | -- | -- | 6.207 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte10ft | bap teq | mg/kg | 28 | 28 | 100 | 0.00212 | 1.74 | 0.196 | 0.368 | -- | -- | 0.346 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte10ft | benzene | µg/kg | 20 | 28 | 71 | 0.11 | 1.4 | 0.383 | 0.325 | 0.1 | 11 | 0.415 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 28 | 100 | 0.0024 | 1.3 | 0.187 | 0.352 | -- | -- | 0.477 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 28 | 28 | 100 | 0.0015 | 1.3 | 0.147 | 0.281 | -- | -- | 0.261 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 28 | 100 | 0.001 | 1 | 0.0952 | 0.194 | -- | -- | 0.167 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 13 | 28 | 46 | 0.0024 | 0.1 | 0.0343 | 0.0315 | 0.0011 | 0.45 | 0.0296 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte10ft | chromium, hexavalent | mg/kg | 10 | 28 | 36 | 0.23 | 0.51 | 0.347 | 0.101 | 0.22 | 0.22 | 0.315 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte10ft | chrysene | mg/kg | 28 | 28 | 100 | 0.0048 | 3.2 | 0.442 | 0.755 | -- | -- | 0.775 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 5.4 | 9.49 | 7.026 | 0.885 | -- | -- | 7.311 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 7.46 | 22.7 | 11.63 | 3.501 | -- | -- | 12.75 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 11 | 28 | 39 | 0.0035 | 0.057 | 0.0218 | 0.018 | 0.0007 | 0.27 | 0.0179 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte10ft | ethylbenzene | µg/kg | 10 | 28 | 36 | 0.13 | 17 | 2.881 | 5.107 | 0.11 | 0.14 | 2.192 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 28 | 71 | 0.0011 | 1.1 | 0.0984 | 0.243 | 0.0009 | 0.17 | 0.245 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte10ft | lead | mg/kg | 28 | 28 | 100 | 4.19 | 146 | 18.2 | 27.47 | -- | -- | 40.83 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte10ft | naphthalene | mg/kg | 11 | 28 | 39 | 0.00064 | 0.02 | 0.00819 | 0.00714 | 0.00024 | 0.026 | 0.006 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 panama ave | lte10ft | pyrene | mg/kg | 28 | 28 | 100 | 0.0026 | 4.1 | 0.698 | 1.256 | -- | -- | 1.353 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | lte10ft | toluene | µg/kg | 16 | 28 | 57 | 0.13 | 0.5 | 0.227 | 0.098 | 0.11 | 12 | 0.217 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte10ft | tph as diesel | mg/kg | 28 | 28 | 100 | 6.5 | 19000 | 1405 | 3654 | -- | -- | 2787 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 panama ave | lte10ft | tph as gasoline | mg/kg | 15 | 28 | 54 | 0.056 | 0.97 | 0.168 | 0.229 | 0.046 | 0.066 | 0.182 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 panama ave | lte10ft | tph as motor oil | mg/kg | 28 | 28 | 100 | 27 | 18000 | 2032 | 3700 | -- | -- | 5080 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 22.8 | 38.6 | 28.04 | 4.452 | -- | -- | 29.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 panama ave | lte10ft | xylenes, total | µg/kg | 11 | 28 | 39 | 0.16 | 55 | 7.004 | 16.02 | 0.15 | 0.19 | 11.61 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 panama ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 23.3 | 240 | 46.05 | 40.91 | -- | -- | 60.26 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 10 | 60 | 0.17 | 5800 | 2712 | 2413 | 0.086 | 17 | 3260 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 10 | 50 | 51 | 2500 | 1000 | 932.8 | 0.073 | 15 | 1205 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.0012 | 35 | 18.33 | 12.89 | 0.0011 | 0.0011 | 24.4 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 10 | 90 | 0.0011 | 52 | 23.25 | 22.16 | 0.0006 | 0.0006 | 51.64 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.95 | 6.77 | 4.573 | 1.061 | -- | -- | 5.188 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | bap teq | mg/kg | 7 | 10 | 70 | 0.00385 | 1.022 | 0.401 | 0.414 | 0.00053 | 0.00053 | 0.512 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | benzene | µg/kg | 5 | 10 | 50 | 0.11 | 2100 | 506 | 897.2 | 0.099 | 21 | 656 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | chrysene | mg/kg | 7 | 10 | 70 | 0.0074 | 2.5 | 0.946 | 0.928 | 0.0012 | 0.0012 | 1.189 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.03 | 8.63 | 6.365 | 1.284 | -- | -- | 7.109 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.36 | 9.43 | 8.226 | 0.691 | -- | -- | 8.626 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 6 | 10 | 60 | 570 | 13000 | 5323 | 5520 | 0.11 | 0.12 | 6450 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.68 | 5.66 | 4.343 | 0.66 | -- | -- | 4.726 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 8 | 10 | 80 | 0.001 | 19 | 10.51 | 8.352 | 0.00026 | 0.00026 | 19 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | gt05lte10ft | pyrene | mg/kg | 9 | 10 | 90 | 0.0008 | 6.3 | 1.638 | 2.325 | 0.0008 | 0.0008 | 4.599 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | toluene | µg/kg | 6 | 10 | 60 | 0.13 | 1300 | 375.2 | 538.5 | 0.11 | 23 | 560.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 6 | 10 | 60 | 1100 | 20000 | 11750 | 6499 | 4.8 | 4.8 | 13700 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 10 | 70 | 0.079 | 1900 | 765.7 | 735.6 | 0.048 | 0.049 | 963 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 6 | 10 | 60 | 1100 | 20000 | 12683 | 6885 | 7 | 7 | 15000 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 24.8 | 30.5 | 27 | 2.001 | -- | -- | 28.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 10 | 70 | 0.19 | 10000 | 2547 | 3581 | 0.15 | 30 | 3760 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 24.2 | 29.6 | 26.56 | 1.848 | -- | -- | 27.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 20 | 45 | 0.15 | 27000 | 3000 | 9000 | 0.092 | 0.13 | 7434 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 20 | 35 | 0.0028 | 26 | 4.534 | 9.664 | 0.0011 | 0.11 | 3.977 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 20 | 60 | 0.0051 | 48 | 4.67 | 13.8 | 0.0006 | 0.06 | 13.48 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte02ft | antimony | mg/kg | 6 | 20 | 30 | 0.328 | 0.868 | 0.606 | 0.215 | 0.306 | 0.306 | 0.597 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 1.35 | 7.15 | 3.346 | 1.685 | -- | -- | 3.997 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte02ft | bap teq | mg/kg | 19 | 20 | 95 | 0.00141 | 0.261 | 0.0701 | 0.0738 | 0.00053 | 0.00053 | 0.138 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte02ft | benzene | µg/kg | 13 | 20 | 65 | 0.11 | 220 | 17.24 | 60.92 | 0.11 | 0.12 | 59.83 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 18 | 20 | 90 | 0.0012 | 0.19 | 0.0628 | 0.0626 | 0.0007 | 0.33 | 0.122 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24719 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 20 | 90 | 0.001 | 0.14 | 0.043 | 0.0425 | 0.0005 | 0.25 | 0.0832 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 20 | 65 | 0.0005 | 0.092 | 0.0256 | 0.0298 | 0.0004 | 0.18 | 0.0297 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte02ft | chrysene | mg/kg | 19 | 20 | 95 | 0.0017 | 0.59 | 0.206 | 0.189 | 0.0012 | 0.0012 | 0.381 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 5.21 | 10.2 | 6.906 | 1.227 | -- | -- | 7.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 7.09 | 17.7 | 10.41 | 2.668 | -- | -- | 11.44 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 20 | 35 | 0.0011 | 0.038 | 0.0149 | 0.0141 | 0.0009 | 0.43 | 0.0138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 3.26 | 82.8 | 11.49 | 17.8 | -- | -- | 28.83 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte02ft | naphthalene | mg/kg | 11 | 20 | 55 | 0.00033 | 19 | 2.016 | 5.699 | 0.00026 | 0.00035 | 5.354 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 ravenna ave | lte02ft | pyrene | mg/kg | 19 | 20 | 95 | 0.0011 | 0.87 | 0.14 | 0.209 | 0.0008 | 0.0008 | 0.334 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte02ft | toluene | µg/kg | 17 | 20 | 85 | 0.14 | 4900 | 288.5 | 1188 | 0.12 | 0.13 | 1318 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte02ft | tph as diesel | mg/kg | 20 | 20 | 100 | 7.1 | 18000 | 1390 | 4140 | -- | -- | 5425 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 ravenna ave | lte02ft | tph as gasoline | mg/kg | 10 | 20 | 50 | 0.05 | 2500 | 250.1 | 790.5 | 0.049 | 0.06 | 684.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte02ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 23 | 16000 | 1659 | 3718 | -- | -- | 5283 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 ravenna ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 17.2 | 33.4 | 24.03 | 5.826 | -- | -- | 26.47 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 ravenna ave | lte02ft | xylenes, total | µg/kg | 10 | 20 | 50 | 0.23 | 52000 | 5201 | 16444 | 0.16 | 0.19 | 14244 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 20.5 | 66.5 | 31.62 | 10.46 | -- | -- | 35.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 35 | 49 | 0.095 | 27000 | 3009 | 8309 | 0.092 | 18 | 5878 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 35 | 20 | 0.12 | 12000 | 3106 | 5301 | 0.077 | 15 | 1400 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 35 | 43 | 0.0028 | 26 | 4.031 | 7.084 | 0.0011 | 0.11 | 3.181 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 35 | 63 | 0.0014 | 48 | 4.591 | 10.94 | 0.0006 | 0.06 | 9.493 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte05ft | antimony | mg/kg | 10 | 35 | 29 | 0.328 | 1.65 | 0.724 | 0.422 | 0.306 | 0.306 | 0.561 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte05ft | arsenic | mg/kg | 35 | 35 | 100 | 1.35 | 9.28 | 3.812 | 1.805 | -- | -- | 4.328 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte05ft | bap teq | mg/kg | 31 | 35 | 89 | 0.00129 | 0.261 | 0.0575 | 0.064 | 0.00053 | 0.0513 | 0.0977 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | benzene | µg/kg | 17 | 35 | 49 | 0.11 | 220 | 21.64 | 61.26 | 0.11 | 21 | 43.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 27 | 35 | 77 | 0.0012 | 0.19 | 0.0538 | 0.0555 | 0.0007 | 0.33 | 0.0859 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 26 | 35 | 74 | 0.001 | 0.14 | 0.0364 | 0.038 | 0.0005 | 0.25 | 0.0571 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 15 | 35 | 43 | 0.0005 | 0.092 | 0.0245 | 0.028 | 0.0004 | 0.18 | 0.0186 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | chrysene | mg/kg | 31 | 35 | 89 | 0.0017 | 0.59 | 0.18 | 0.171 | 0.0012 | 0.12 | 0.285 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | cobalt | mg/kg | 35 | 35 | 100 | 5.21 | 10.8 | 7.402 | 1.403 | -- | -- | 7.803 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte05ft | copper | mg/kg | 35 | 35 | 100 | 6.55 | 33.3 | 10.65 | 4.61 | -- | -- | 12.05 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte05ft | ethylbenzene | µg/kg | 8 | 35 | 23 | 0.14 | 6600 | 1942 | 2364 | 0.12 | 13 | 1050 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 35 | 20 | 0.0011 | 0.038 | 0.0149 | 0.0141 | 0.0009 | 0.43 | 0.0104 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte05ft | lead | mg/kg | 35 | 35 | 100 | 3.26 | 82.8 | 9.094 | 13.71 | -- | -- | 19.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte05ft | naphthalene | mg/kg | 22 | 35 | 63 | 0.00033 | 19 | 1.944 | 4.286 | 0.00025 | 0.0046 | 2.282 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | pyrene | mg/kg | 32 | 35 | 91 | 0.0008 | 0.87 | 0.162 | 0.208 | 0.0008 | 0.082 | 0.299 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | toluene | µg/kg | 21 | 35 | 60 | 0.12 | 4900 | 390.7 | 1259 | 0.12 | 23 | 967.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte05ft | tph as diesel | mg/kg | 32 | 35 | 91 | 7.1 | 18000 | 1508 | 3431 | 4.8 | 4.8 | 3816 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 ravenna ave | lte05ft | tph as gasoline | mg/kg | 22 | 35 | 63 | 0.05 | 2500 | 263.8 | 666.6 | 0.046 | 0.06 | 567 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte05ft | tph as motor oil | mg/kg | 32 | 35 | 91 | 23 | 16000 | 1750 | 3107 | 7 | 7 | 3821 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte05ft | vanadium | mg/kg | 35 | 35 | 100 | 17.2 | 34.9 | 26.14 | 5.647 | -- | -- | 27.75 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte05ft | xylenes, total | µg/kg | 19 | 35 | 54 | 0.23 | 52000 | 4751 | 14374 | 0.16 | 16 | 10585 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte05ft | zinc | mg/kg | 35 | 35 | 100 | 20.5 | 66.5 | 30.42 | 8.586 | -- | -- | 32.74 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 23 | 45 | 51 | 0.095 | 27000 | 2931 | 7180 | 0.086 | 18 | 4973 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 45 | 27 | 0.12 | 12000 | 2229 | 4101 | 0.073 | 15 | 1184 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 22 | 45 | 49 | 0.0012 | 35 | 8.581 | 11.29 | 0.0011 | 0.11 | 6.458 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 45 | 69 | 0.0011 | 52 | 10.01 | 17 | 0.0006 | 0.06 | 16.56 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte10ft | antimony | mg/kg | 13 | 45 | 29 | 0.328 | 1.65 | 0.698 | 0.383 | 0.306 | 0.306 | 0.502 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte10ft | arsenic | mg/kg | 45 | 45 | 100 | 1.35 | 9.28 | 3.981 | 1.689 | -- | -- | 4.404 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte10ft | bap teq | mg/kg | 38 | 45 | 84 | 0.00129 | 1.022 | 0.121 | 0.222 | 0.00053 | 0.0513 | 0.238 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte10ft | benzene | µg/kg | 22 | 45 | 49 | 0.11 | 2100 | 131.7 | 446.5 | 0.099 | 21 | 272.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 31 | 45 | 69 | 0.0012 | 1.5 | 0.15 | 0.331 | 0.0007 | 0.33 | 0.292 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 30 | 45 | 67 | 0.001 | 0.74 | 0.0897 | 0.184 | 0.0005 | 0.25 | 0.164 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 45 | 36 | 0.0005 | 0.092 | 0.0231 | 0.0276 | 0.0004 | 0.18 | 0.0161 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte10ft | bromomethane | µg/kg | 6 | 45 | 13 | 140 | 1300 | 678.3 | 541 | 1.4 | 280 | 453.8 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 45 | 13 | 0.24 | 1.1 | 0.67 | 0.325 | 0.22 | 0.22 | 0.64 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte10ft | chrysene | mg/kg | 38 | 45 | 84 | 0.0017 | 2.5 | 0.321 | 0.504 | 0.0012 | 0.12 | 0.582 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte10ft | cobalt | mg/kg | 45 | 45 | 100 | 5.03 | 10.8 | 7.171 | 1.431 | -- | -- | 7.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte10ft | copper | mg/kg | 45 | 45 | 100 | 6.55 | 33.3 | 10.11 | 4.191 | -- | -- | 11.23 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 45 | 11 | 0.0008 | 0.033 | 0.0152 | 0.0121 | 0.0007 | 0.34 | 0.02 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24719 ravenna ave | lte10ft | ethylbenzene | µg/kg | 14 | 45 | 31 | 0.14 | 13000 | 3391 | 4212 | 0.11 | 13 | 1771 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24719 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 45 | 18 | 0.0011 | 0.038 | 0.0133 | 0.0138 | 0.0009 | 0.43 | 0.00838 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24719 ravenna ave | lte10ft | lead | mg/kg | 45 | 45 | 100 | 3.26 | 82.8 | 8.038 | 12.22 | -- | -- | 15.98 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte10ft | naphthalene | mg/kg | 30 | 45 | 67 | 0.00033 | 19 | 4.229 | 6.708 | 0.00025 | 0.0046 | 4.361 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 ravenna ave | lte10ft | pyrene | mg/kg | 41 | 45 | 91 | 0.0008 | 6.3 | 0.486 | 1.224 | 0.0008 | 0.082 | 1.208 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 ravenna ave | lte10ft | toluene | µg/kg | 27 | 45 | 60 | 0.12 | 4900 | 387.3 | 1129 | 0.11 | 23 | 814.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte10ft | tph as diesel | mg/kg | 38 | 45 | 84 | 7.1 | 20000 | 3125 | 5468 | 4.8 | 4.8 | 5988 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 ravenna ave | lte10ft | tph as gasoline | mg/kg | 29 | 45 | 64 | 0.05 | 2500 | 385 | 705 | 0.046 | 0.06 | 635.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte10ft | tph as motor oil | mg/kg | 38 | 45 | 84 | 23 | 20000 | 3477 | 5551 | 7 | 7 | 6355 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24719 ravenna ave | lte10ft | vanadium | mg/kg | 45 | 45 | 100 | 17.2 | 34.9 | 26.33 | 5.059 | -- | -- | 27.71 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24719 ravenna ave | lte10ft | xylenes, total | µg/kg | 26 | 45 | 58 | 0.19 | 52000 | 4158 | 12363 | 0.15 | 30 | 8658 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24719 ravenna ave | lte10ft | zinc | mg/kg | 45 | 45 | 100 | 20.5 | 66.5 | 29.56 | 7.765 | -- | -- | 31.58 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 20 | 25 | 0.0017 | 0.014 | 0.00804 | 0.0044 | 0.0011 | 0.0086 | 0.00899 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 20 | 80 | 0.001 | 0.026 | 0.00957 | 0.00819 | 0.0006 | 0.0048 | 0.0116 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 2.4 | 6.6 | 4.293 | 1.341 | -- | -- | 4.811 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte02ft | bap teq | mg/kg | 19 | 20 | 95 | 0.000537 | 0.687 | 0.0659 | 0.153 | 0.00053 | 0.00053 | 0.209 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte02ft | benzene | µg/kg | 6 | 20 | 30 | 0.11 | 0.27 | 0.157 | 0.0602 | 0.1 | 0.13 | 0.148 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 20 | 85 | 0.0024 | 0.67 | 0.0591 | 0.158 | 0.0007 | 0.0052 | 0.194 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 20 | 85 | 0.0024 | 0.52 | 0.0561 | 0.122 | 0.0005 | 0.0005 | 0.159 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 20 | 80 | 0.0016 | 0.31 | 0.0389 | 0.0754 | 0.0004 | 0.0028 | 0.0988 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 11 | 20 | 55 | 0.0041 | 0.035 | 0.015 | 0.0113 | 0.0011 | 0.009 | 0.0141 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte02ft | cadmium | mg/kg | 13 | 20 | 65 | 0.107 | 0.407 | 0.207 | 0.0957 | 0.0064 | 0.0064 | 0.21 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte02ft | chrysene | mg/kg | 18 | 20 | 90 | 0.0013 | 2 | 0.169 | 0.461 | 0.0012 | 0.0095 | 0.582 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 6.34 | 12.1 | 8.842 | 1.731 | -- | -- | 9.511 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 8 | 25 | 14.8 | 6.071 | -- | -- | 17.48 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 9 | 20 | 45 | 0.0012 | 0.096 | 0.0166 | 0.0303 | 0.0007 | 0.0054 | 0.0166 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 20 | 75 | 0.003 | 0.13 | 0.0196 | 0.0318 | 0.0009 | 0.0035 | 0.0433 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 4.08 | 17.9 | 8.92 | 4.179 | -- | -- | 10.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte02ft | naphthalene | mg/kg | 11 | 20 | 55 | 0.0012 | 0.0099 | 0.00525 | 0.00308 | 0.00025 | 0.00027 | 0.00476 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0009 | 3.3 | 0.203 | 0.731 | -- | -- | 0.915 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte02ft | thallium | mg/kg | 6 | 20 | 30 | 0.23 | 0.31 | 0.268 | 0.0337 | 0.23 | 0.23 | 0.264 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte02ft | toluene | µg/kg | 7 | 20 | 35 | 0.13 | 5.2 | 1.883 | 2.117 | 0.12 | 0.15 | 1.392 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte02ft | tph as diesel | mg/kg | 17 | 20 | 85 | 24 | 2800 | 490.4 | 795 | 4.8 | 4.8 | 1154 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte02ft | tph as gasoline | mg/kg | 6 | 20 | 30 | 0.057 | 2.6 | 0.576 | 1.009 | 0.045 | 0.06 | 0.808 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte02ft | tph as motor oil | mg/kg | 18 | 20 | 90 | 15 | 7100 | 1378 | 2013 | 7 | 7 | 3147 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 21.2 | 42.8 | 31.12 | 6.148 | -- | -- | 33.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 22.4 | 62.2 | 38.32 | 12.94 | -- | -- | 43.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 8 | 27 | 30 | 0.0017 | 0.038 | 0.0129 | 0.012 | 0.0011 | 0.0086 | 0.0101 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 27 | 70 | 0.001 | 0.067 | 0.0138 | 0.0159 | 0.0006 | 0.0048 | 0.0151 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 2.4 | 6.6 | 4.261 | 1.235 | -- | -- | 4.666 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte05ft | bap teq | mg/kg | 25 | 27 | 93 | 0.000537 | 0.687 | 0.0632 | 0.136 | 0.00053 | 0.00053 | 0.169 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte05ft | benzene | µg/kg | 6 | 27 | 22 | 0.11 | 0.27 | 0.157 | 0.0602 | 0.1 | 0.13 | 0.146 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 27 | 78 | 0.0007 | 0.67 | 0.061 | 0.144 | 0.0007 | 0.0052 | 0.156 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 22 | 27 | 81 | 0.0006 | 0.52 | 0.055 | 0.109 | 0.0005 | 0.0005 | 0.129 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 27 | 74 | 0.0008 | 0.31 | 0.0373 | 0.0676 | 0.0004 | 0.0028 | 0.0786 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 27 | 52 | 0.0041 | 0.035 | 0.0173 | 0.0109 | 0.0011 | 0.009 | 0.0147 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte05ft | cadmium | mg/kg | 14 | 27 | 52 | 0.107 | 0.407 | 0.203 | 0.0934 | 0.0064 | 0.0064 | 0.184 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte05ft | chrysene | mg/kg | 22 | 27 | 81 | 0.0013 | 2 | 0.18 | 0.424 | 0.0012 | 0.0095 | 0.473 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 4.04 | 12.1 | 8.387 | 1.868 | -- | -- | 9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 6.5 | 25 | 13.63 | 5.707 | -- | -- | 15.53 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 27 | 37 | 0.0012 | 0.096 | 0.0158 | 0.0287 | 0.0007 | 0.009 | 0.0129 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 27 | 63 | 0.003 | 0.13 | 0.02 | 0.0299 | 0.0009 | 0.0087 | 0.0239 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 3.14 | 17.9 | 8.123 | 3.996 | -- | -- | 9.556 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte05ft | naphthalene | mg/kg | 14 | 27 | 52 | 0.0012 | 0.027 | 0.00775 | 0.00672 | 0.00025 | 0.00027 | 0.00654 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte05ft | pyrene | mg/kg | 26 | 27 | 96 | 0.0009 | 3.3 | 0.205 | 0.655 | 0.0008 | 0.0008 | 0.737 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte05ft | thallium | mg/kg | 10 | 27 | 37 | 0.23 | 0.4 | 0.295 | 0.0504 | 0.23 | 0.23 | 0.279 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte05ft | toluene | µg/kg | 8 | 27 | 30 | 0.13 | 5.2 | 1.81 | 1.971 | 0.12 | 0.15 | 1.186 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte05ft | tph as diesel | mg/kg | 20 | 27 | 74 | 7.9 | 2800 | 632.2 | 926.2 | 4.8 | 4.8 | 1179 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte05ft | tph as gasoline | mg/kg | 9 | 27 | 33 | 0.057 | 2.6 | 0.585 | 0.804 | 0.045 | 0.06 | 0.408 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24722 marbella ave | lte05ft | tph as motor oil | mg/kg | 21 | 27 | 78 | 15 | 7100 | 1506 | 2007 | 7 | 7 | 2752 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 16.8 | 42.8 | 30.72 | 6.029 | -- | -- | 32.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 16.6 | 62.2 | 35.95 | 12.17 | -- | -- | 39.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 34 | 29 | 0.0011 | 0.038 | 0.0113 | 0.0113 | 0.0011 | 0.0086 | 0.00643 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 24 | 34 | 71 | 0.0006 | 0.067 | 0.0114 | 0.0148 | 0.0006 | 0.0048 | 0.0183 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 2.4 | 6.6 | 4.396 | 1.156 | -- | -- | 4.731 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte10ft | bap teq | mg/kg | 32 | 34 | 94 | 0.000537 | 0.687 | 0.0509 | 0.122 | 0.00053 | 0.00053 | 0.137 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte10ft | benzene | µg/kg | 11 | 34 | 32 | 0.11 | 2.9 | 0.708 | 0.906 | 0.1 | 0.13 | 0.476 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 34 | 82 | 0.0007 | 0.67 | 0.0468 | 0.126 | 0.0007 | 0.0052 | 0.125 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 29 | 34 | 85 | 0.0006 | 0.52 | 0.043 | 0.0968 | 0.0005 | 0.0005 | 0.105 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 27 | 34 | 79 | 0.0008 | 0.31 | 0.0284 | 0.0598 | 0.0004 | 0.0028 | 0.0635 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 18 | 34 | 53 | 0.0014 | 0.035 | 0.0141 | 0.0114 | 0.0011 | 0.009 | 0.0112 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte10ft | cadmium | mg/kg | 17 | 34 | 50 | 0.106 | 0.407 | 0.195 | 0.0889 | 0.0064 | 0.0064 | 0.173 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte10ft | chrysene | mg/kg | 29 | 34 | 85 | 0.0013 | 2 | 0.14 | 0.374 | 0.0012 | 0.0095 | 0.381 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 4.04 | 12.1 | 8.061 | 1.9 | -- | -- | 8.612 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte10ft | copper | mg/kg | 34 | 34 | 100 | 6.5 | 25 | 13.19 | 5.262 | -- | -- | 14.74 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 11 | 34 | 32 | 0.0012 | 0.096 | 0.0145 | 0.0275 | 0.0007 | 0.009 | 0.0105 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 34 | 65 | 0.0009 | 0.13 | 0.0159 | 0.0272 | 0.0009 | 0.0087 | 0.0188 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte10ft | lead | mg/kg | 34 | 34 | 100 | 2.6 | 17.9 | 7.246 | 3.982 | -- | -- | 8.471 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 marbella ave | lte10ft | naphthalene | mg/kg | 16 | 34 | 47 | 0.0012 | 0.027 | 0.00699 | 0.0066 | 0.00025 | 0.00032 | 0.0055 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte10ft | pyrene | mg/kg | 33 | 34 | 97 | 0.0009 | 3.3 | 0.166 | 0.584 | 0.0008 | 0.0008 | 0.591 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte10ft | thallium | mg/kg | 16 | 34 | 47 | 0.23 | 0.42 | 0.3 | 0.0569 | 0.23 | 0.23 | 0.28 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte10ft | toluene | µg/kg | 11 | 34 | 32 | 0.13 | 5.2 | 1.394 | 1.797 | 0.12 | 0.15 | 0.886 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte10ft | tph as diesel | mg/kg | 24 | 34 | 71 | 7.9 | 2800 | 543.2 | 867.6 | 4.8 | 4.8 | 961.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 marbella ave | lte10ft | tph as gasoline | mg/kg | 11 | 34 | 32 | 0.057 | 2.6 | 0.514 | 0.737 | 0.045 | 0.06 | 0.343 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte10ft | tph as motor oil | mg/kg | 26 | 34 | 76 | 15 | 7100 | 1249 | 1876 | 7 | 7 | 2248 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 marbella ave | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 16.8 | 42.8 | 29.3 | 6.388 | -- | -- | 31.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 marbella ave | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 16.6 | 62.2 | 35.11 | 11.23 | -- | -- | 38.52 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.57 | 5.46 | 3.911 | 0.79 | -- | -- | 4.369 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 1.44 | 7.78 | 5.553 | 1.714 | -- | -- | 6.547 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 1.66 | 8.79 | 7.324 | 2.134 | -- | -- | 8.79 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24722 neptune ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 0.444 | 5.84 | 3.744 | 1.374 | -- | -- | 4.541 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 6.22 | 31.1 | 24.36 | 7.346 | -- | -- | 28.62 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 neptune ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 7.06 | 29.3 | 23.89 | 6.495 | -- | -- | 27.65 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 20 | 40 | 0.0012 | 0.014 | 0.00534 | 0.00471 | 0.0006 | 0.0006 | 0.0046 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | antimony | mg/kg | 5 | 20 | 25 | 0.247 | 0.394 | 0.309 | 0.0586 | 0.219 | 0.219 | 0.314 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 1.06 | 3.07 | 1.84 | 0.593 | -- | -- | 2.069 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | bap teq | mg/kg | 13 | 20 | 65 | 0.00126 | 0.0318 | 0.0114 | 0.0104 | 0.00053 | 0.00053 | 0.0121 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte02ft | benzene | µg/kg | 9 | 20 | 45 | 0.28 | 2.5 | 1.201 | 0.874 | 0.11 | 0.14 | 1.065 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 20 | 60 | 0.0007 | 0.033 | 0.00907 | 0.00925 | 0.0007 | 0.0007 | 0.00918 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 20 | 65 | 0.0009 | 0.022 | 0.00808 | 0.00724 | 0.0005 | 0.0005 | 0.00865 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 20 | 65 | 0.0007 | 0.02 | 0.0062 | 0.0057 | 0.0004 | 0.0004 | 0.00645 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 20 | 40 | 0.0013 | 0.015 | 0.00568 | 0.00457 | 0.0011 | 0.023 | 0.00509 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | cadmium | mg/kg | 7 | 20 | 35 | 0.237 | 0.311 | 0.267 | 0.0275 | 0.0883 | 0.0883 | 0.262 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | chrysene | mg/kg | 12 | 20 | 60 | 0.0016 | 0.066 | 0.0194 | 0.0193 | 0.0012 | 0.0012 | 0.0201 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 4.45 | 7.79 | 6.403 | 0.828 | -- | -- | 6.723 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 6.64 | 14.4 | 9.617 | 2.313 | -- | -- | 10.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 20 | 40 | 0.0011 | 0.019 | 0.00678 | 0.00557 | 0.0009 | 0.017 | 0.00635 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 3.14 | 18.6 | 7.412 | 4.703 | -- | -- | 9.375 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 neptune ave | lte02ft | naphthalene | mg/kg | 8 | 20 | 40 | 0.0011 | 0.0059 | 0.00244 | 0.00153 | 0.00027 | 0.00033 | 0.0021 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte02ft | pyrene | mg/kg | 13 | 20 | 65 | 0.0011 | 0.035 | 0.0115 | 0.01 | 0.0008 | 0.0008 | 0.0119 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | toluene | µg/kg | 14 | 20 | 70 | 0.36 | 3.1 | 0.874 | 0.682 | 0.12 | 0.15 | 0.982 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 neptune ave | lte02ft | tph as diesel | mg/kg | 10 | 20 | 50 | 6.9 | 140 | 38.19 | 39.36 | 4.8 | 4.8 | 35.05 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte02ft | tph as gasoline | mg/kg | 6 | 20 | 30 | 0.059 | 0.11 | 0.0808 | 0.0191 | 0.052 | 0.062 | 0.0772 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | tph as motor oil | mg/kg | 11 | 20 | 55 | 13 | 440 | 109.9 | 122.4 | 7 | 7 | 118.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 13.3 | 27.8 | 20.89 | 3.33 | -- | -- | 22.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte02ft | xylenes, total | µg/kg | 5 | 20 | 25 | 0.24 | 1.5 | 0.566 | 0.529 | 0.17 | 0.21 | 0.441 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 21.6 | 70.5 | 33.17 | 13.78 | -- | -- | 38.71 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 11 | 30 | 37 | 0.0009 | 0.014 | 0.00486 | 0.00447 | 0.0006 | 0.0006 | 0.0034 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24722 neptune ave | lte05ft | antimony | mg/kg | 6 | 30 | 20 | 0.247 | 0.394 | 0.315 | 0.054 | 0.219 | 0.219 | 0.312 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 1.06 | 3.07 | 1.963 | 0.591 | -- | -- | 2.147 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | bap teq | mg/kg | 15 | 30 | 50 | 0.00126 | 0.0318 | 0.0108 | 0.00995 | 0.00053 | 0.00053 | 0.00869 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | benzene | µg/kg | 12 | 30 | 40 | 0.21 | 2.5 | 1.061 | 0.836 | 0.11 | 0.14 | 0.797 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 14 | 30 | 47 | 0.0007 | 0.033 | 0.00836 | 0.00875 | 0.0007 | 0.0007 | 0.0065 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 30 | 50 | 0.0009 | 0.022 | 0.00752 | 0.00695 | 0.0005 | 0.0005 | 0.00607 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 15 | 30 | 50 | 0.0007 | 0.02 | 0.00581 | 0.00545 | 0.0004 | 0.0004 | 0.00471 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 30 | 30 | 0.0013 | 0.015 | 0.00562 | 0.00428 | 0.0011 | 0.023 | 0.00447 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | cadmium | mg/kg | 8 | 30 | 27 | 0.237 | 0.311 | 0.264 | 0.0264 | 0.0883 | 0.0883 | 0.255 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 30 | 20 | 0.22 | 0.32 | 0.278 | 0.0475 | 0.048 | 0.22 | 0.27 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | chrysene | mg/kg | 14 | 30 | 47 | 0.0013 | 0.066 | 0.0173 | 0.0186 | 0.0012 | 0.0012 | 0.0135 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 4.45 | 11.1 | 6.972 | 1.318 | -- | -- | 7.381 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | copper | mg/kg | 30 | 30 | 100 | 5.72 | 14.4 | 8.891 | 2.22 | -- | -- | 9.591 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 30 | 20 | 0.0009 | 0.0067 | 0.00312 | 0.00217 | 0.0007 | 0.013 | 0.00327 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 30 | 30 | 0.0011 | 0.019 | 0.00677 | 0.00521 | 0.0009 | 0.017 | 0.00556 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | lead | mg/kg | 30 | 30 | 100 | 3.14 | 18.6 | 6.407 | 4.087 | -- | -- | 7.718 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 neptune ave | lte05ft | naphthalene | mg/kg | 11 | 30 | 37 | 0.0011 | 0.0059 | 0.00254 | 0.00148 | 0.00026 | 0.00033 | 0.00198 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | pyrene | mg/kg | 15 | 30 | 50 | 0.0011 | 0.035 | 0.0105 | 0.00969 | 0.0008 | 0.0008 | 0.00842 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | toluene | µg/kg | 19 | 30 | 63 | 0.17 | 3.1 | 0.761 | 0.621 | 0.12 | 0.15 | 0.764 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | tph as diesel | mg/kg | 10 | 30 | 33 | 6.9 | 140 | 38.19 | 39.36 | 4.8 | 4.8 | 25.87 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | tph as gasoline | mg/kg | 6 | 30 | 20 | 0.059 | 0.11 | 0.0808 | 0.0191 | 0.047 | 0.062 | 0.0759 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | tph as motor oil | mg/kg | 13 | 30 | 43 | 13 | 440 | 95.92 | 116.8 | 7 | 7 | 76.23 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 13.3 | 31.2 | 22.57 | 4.211 | -- | -- | 23.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte05ft | xylenes, total | µg/kg | 6 | 30 | 20 | 0.2 | 1.5 | 0.505 | 0.496 | 0.16 | 0.21 | 0.341 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 neptune ave | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 20.9 | 70.5 | 30.34 | 12 | -- | -- | 34.22 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 12 | 40 | 30 | 0.0009 | 0.026 | 0.00663 | 0.00744 | 0.0006 | 0.0006 | 0.00393 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | antimony | mg/kg | 10 | 40 | 25 | 0.227 | 0.394 | 0.309 | 0.0502 | 0.219 | 0.219 | 0.284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 1.06 | 5.46 | 2.45 | 1.064 | -- | -- | 2.749 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | bap teq | mg/kg | 17 | 40 | 43 | 0.00057 | 0.0318 | 0.00961 | 0.00988 | 0.00053 | 0.00053 | 0.00652 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | benzene | µg/kg | 15 | 40 | 38 | 0.13 | 4 | 1.159 | 1.113 | 0.11 | 0.14 | 0.743 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 14 | 40 | 35 | 0.0007 | 0.033 | 0.00836 | 0.00875 | 0.0007 | 0.0007 | 0.00509 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 15 | 40 | 38 | 0.0009 | 0.022 | 0.00752 | 0.00695 | 0.0005 | 0.0005 | 0.00482 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 17 | 40 | 43 | 0.0005 | 0.02 | 0.00519 | 0.00539 | 0.0004 | 0.0004 | 0.00363 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 40 | 23 | 0.0013 | 0.015 | 0.00562 | 0.00428 | 0.0011 | 0.023 | 0.00376 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte10ft | cadmium | mg/kg | 9 | 40 | 23 | 0.237 | 0.311 | 0.263 | 0.0252 | 0.0883 | 0.0883 | 0.253 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 10 | 40 | 25 | 0.22 | 0.33 | 0.279 | 0.0465 | 0.048 | 0.22 | 0.25 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 neptune ave | lte10ft | chrysene | mg/kg | 15 | 40 | 38 | 0.0013 | 0.066 | 0.0162 | 0.0184 | 0.0012 | 0.0012 | 0.0105 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 1.44 | 11.1 | 6.617 | 1.535 | -- | -- | 7.026 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 1.66 | 14.4 | 8.5 | 2.278 | -- | -- | 9.109 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 40 | 15 | 0.0009 | 0.0067 | 0.00312 | 0.00217 | 0.0007 | 0.013 | 0.00313 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 40 | 23 | 0.0011 | 0.019 | 0.00677 | 0.00521 | 0.0009 | 0.017 | 0.00528 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 0.444 | 18.6 | 5.741 | 3.771 | -- | -- | 8.34 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 neptune ave | lte10ft | naphthalene | mg/kg | 12 | 40 | 30 | 0.0011 | 0.013 | 0.00341 | 0.00333 | 0.00026 | 0.00033 | 0.00236 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | pyrene | mg/kg | 17 | 40 | 43 | 0.0009 | 0.035 | 0.00959 | 0.00945 | 0.0008 | 0.0008 | 0.00662 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | toluene | µg/kg | 22 | 40 | 55 | 0.17 | 3.1 | 0.746 | 0.577 | 0.12 | 0.15 | 0.625 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 neptune ave | lte10ft | tph as diesel | mg/kg | 11 | 40 | 28 | 6.9 | 140 | 36.35 | 37.83 | 4.8 | 4.8 | 21.44 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | tph as gasoline | mg/kg | 6 | 40 | 15 | 0.059 | 0.11 | 0.0808 | 0.0191 | 0.047 | 0.062 | 0.0748 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte10ft | tph as motor oil | mg/kg | 14 | 40 | 35 | 13 | 440 | 94.71 | 112.3 | 7 | 7 | 62.32 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 neptune ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 6.22 | 31.2 | 23.02 | 5.124 | -- | -- | 24.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 neptune ave | lte10ft | xylenes, total | µg/kg | 6 | 40 | 15 | 0.2 | 1.5 | 0.505 | 0.496 | 0.16 | 0.21 | 0.306 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 neptune ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 7.06 | 70.5 | 28.72 | 11.17 | -- | -- | 31.81 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.006 | 0.12 | 0.0266 | 0.0458 | 0.086 | 0.086 | 0.0846 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.013 | 0.41 | 0.0998 | 0.14 | -- | -- | 0.263 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte02ft | arsenic | mg/kg | 8 | 8 | 100 | 3.49 | 6.37 | 5.14 | 1.051 | -- | -- | 5.844 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte02ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00446 | 0.646 | 0.219 | 0.263 | -- | -- | 0.646 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.0042 | 0.72 | 0.229 | 0.281 | -- | -- | 0.72 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 8 | 8 | 100 | 0.0031 | 0.45 | 0.157 | 0.187 | -- | -- | 0.45 | Maximum Detected | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 8 | 100 | 0.0018 | 0.33 | 0.112 | 0.136 | -- | -- | 0.33 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte02ft | chrysene | mg/kg | 8 | 8 | 100 | 0.011 | 1.7 | 0.481 | 0.607 | -- | -- | 1.423 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24722 panama ave | lte02ft | cobalt | mg/kg | 8 | 8 | 100 | 4.27 | 7.45 | 6.05 | 0.969 | -- | -- | 6.699 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte02ft | copper | mg/kg | 8 | 8 | 100 | 7.94 | 14.2 | 9.545 | 2.038 | -- | -- | 10.98 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 8 | 88 | 0.0012 | 0.17 | 0.0405 | 0.0625 | 0.054 | 0.054 | 0.128 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 8 | 100 | 0.0012 | 0.15 | 0.0538 | 0.0615 | -- | -- | 0.15 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte02ft | lead | mg/kg | 8 | 8 | 100 | 3.39 | 27.8 | 13.53 | 7.126 | -- | -- | 18.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte02ft | naphthalene | mg/kg | 7 | 8 | 88 | 0.0082 | 0.16 | 0.0428 | 0.0593 | 0.00025 | 0.00025 | 0.126 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 panama ave | lte02ft | pyrene | mg/kg | 8 | 8 | 100 | 0.0058 | 0.81 | 0.271 | 0.329 | -- | -- | 0.81 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte02ft | tph as diesel | mg/kg | 7 | 8 | 88 | 86 | 690 | 316.6 | 221.7 | 4.8 | 4.8 | 437.2 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte02ft | tph as motor oil | mg/kg | 7 | 8 | 88 | 230 | 1600 | 800 | 483.8 | 7 | 7 | 1061 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte02ft | vanadium | mg/kg | 8 | 8 | 100 | 16.5 | 25.6 | 22.9 | 2.877 | -- | -- | 24.83 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 panama ave | lte02ft | zinc | mg/kg | 8 | 8 | 100 | 21.4 | 57.4 | 32.48 | 10.83 | -- | -- | 40.33 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 14 | 36 | 0.15 | 0.35 | 0.216 | 0.0805 | 0.086 | 0.11 | 0.216 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 14 | 86 | 0.0021 | 1.4 | 0.143 | 0.399 | 0.086 | 0.086 | 0.558 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 14 | 100 | 0.0048 | 0.86 | 0.148 | 0.247 | -- | -- | 0.436 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 panama ave | lte05ft | arsenic | mg/kg | 14 | 14 | 100 | 2.36 | 6.37 | 4.286 | 1.408 | -- | -- | 4.952 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte05ft | bap teq | mg/kg | 13 | 14 | 93 | 0.00446 | 0.713 | 0.214 | 0.263 | 0.00053 | 0.00053 | 0.501 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | benzene | µg/kg | 6 | 14 | 43 | 0.11 | 0.34 | 0.213 | 0.0876 | 0.099 | 0.12 | 0.233 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 14 | 93 | 0.0042 | 0.82 | 0.227 | 0.292 | 0.0007 | 0.0007 | 0.547 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.0031 | 0.51 | 0.154 | 0.187 | 0.0005 | 0.0005 | 0.359 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 14 | 93 | 0.0018 | 0.34 | 0.106 | 0.132 | 0.0004 | 0.0004 | 0.251 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | chrysene | mg/kg | 13 | 14 | 93 | 0.011 | 2.9 | 0.575 | 0.861 | 0.0012 | 0.0012 | 1.517 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | cobalt | mg/kg | 14 | 14 | 100 | 4.27 | 7.45 | 5.859 | 0.852 | -- | -- | 6.262 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte05ft | copper | mg/kg | 14 | 14 | 100 | 5.63 | 14.2 | 8.539 | 2.055 | -- | -- | 9.551 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 14 | 79 | 0.001 | 0.17 | 0.0393 | 0.0593 | 0.0007 | 0.054 | 0.0956 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 14 | 93 | 0.0012 | 0.15 | 0.0482 | 0.0551 | 0.0009 | 0.0009 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | lead | mg/kg | 14 | 14 | 100 | 2.26 | 27.8 | 9.841 | 7.096 | -- | -- | 13.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte05ft | naphthalene | mg/kg | 13 | 14 | 93 | 0.002 | 0.16 | 0.0437 | 0.0583 | 0.00025 | 0.00025 | 0.108 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 panama ave | lte05ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0014 | 1.3 | 0.304 | 0.406 | -- | -- | 0.796 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | toluene | µg/kg | 6 | 14 | 43 | 0.12 | 0.61 | 0.273 | 0.186 | 0.11 | 0.14 | 0.277 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte05ft | tph as diesel | mg/kg | 12 | 14 | 86 | 20 | 3000 | 494.2 | 819.8 | 4.8 | 4.8 | 1333 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | tph as gasoline | mg/kg | 5 | 14 | 36 | 0.062 | 0.35 | 0.159 | 0.124 | 0.046 | 0.051 | 0.151 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte05ft | tph as motor oil | mg/kg | 12 | 14 | 86 | 63 | 3800 | 910.5 | 1039 | 7 | 7 | 1966 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte05ft | vanadium | mg/kg | 14 | 14 | 100 | 15.2 | 25.6 | 21.32 | 4.015 | -- | -- | 23.22 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 panama ave | lte05ft | zinc | mg/kg | 14 | 14 | 100 | 18.2 | 57.4 | 28.05 | 9.868 | -- | -- | 32.75 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 18 | 28 | 0.15 | 0.35 | 0.216 | 0.0805 | 0.086 | 0.11 | 0.21 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 14 | 18 | 78 | 0.0021 | 1.4 | 0.124 | 0.37 | 0.0011 | 0.086 | 0.436 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 17 | 18 | 94 | 0.0011 | 0.86 | 0.123 | 0.23 | 0.0006 | 0.0006 | 0.347 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 panama ave | lte10ft | arsenic | mg/kg | 18 | 18 | 100 | 2.36 | 6.56 | 4.596 | 1.418 | -- | -- | 5.177 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte10ft | bap teq | mg/kg | 16 | 18 | 89 | 0.00256 | 0.713 | 0.175 | 0.25 | 0.00053 | 0.00053 | 0.404 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | benzene | µg/kg | 6 | 18 | 33 | 0.11 | 0.34 | 0.213 | 0.0876 | 0.099 | 0.12 | 0.229 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 16 | 18 | 89 | 0.0026 | 0.82 | 0.186 | 0.276 | 0.0007 | 0.0007 | 0.44 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 16 | 18 | 89 | 0.0019 | 0.51 | 0.126 | 0.178 | 0.0005 | 0.0005 | 0.29 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 18 | 89 | 0.0009 | 0.34 | 0.0871 | 0.125 | 0.0004 | 0.0004 | 0.202 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | chrysene | mg/kg | 16 | 18 | 89 | 0.0062 | 2.9 | 0.47 | 0.802 | 0.0012 | 0.0012 | 1.211 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 panama ave | lte10ft | cobalt | mg/kg | 18 | 18 | 100 | 4.27 | 10.2 | 6.326 | 1.447 | -- | -- | 6.932 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | copper | mg/kg | 18 | 18 | 100 | 5.63 | 14.2 | 8.678 | 1.834 | -- | -- | 9.455 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 18 | 67 | 0.001 | 0.17 | 0.0362 | 0.0575 | 0.0007 | 0.054 | 0.0459 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 18 | 78 | 0.0012 | 0.15 | 0.045 | 0.0544 | 0.0009 | 0.0009 | 0.0882 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | lead | mg/kg | 18 | 18 | 100 | 2.26 | 27.8 | 8.758 | 6.549 | -- | -- | 11.86 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | naphthalene | mg/kg | 15 | 18 | 83 | 0.002 | 0.16 | 0.0389 | 0.0555 | 0.00025 | 0.00027 | 0.0868 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 panama ave | lte10ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0009 | 1.3 | 0.238 | 0.377 | -- | -- | 0.576 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | toluene | µg/kg | 6 | 18 | 33 | 0.12 | 0.61 | 0.273 | 0.186 | 0.11 | 0.14 | 0.25 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte10ft | tph as diesel | mg/kg | 14 | 18 | 78 | 12 | 3000 | 458.7 | 765 | 4.8 | 4.8 | 1080 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | tph as gasoline | mg/kg | 6 | 18 | 33 | 0.062 | 0.35 | 0.144 | 0.117 | 0.046 | 0.051 | 0.122 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | tph as motor oil | mg/kg | 14 | 18 | 78 | 35 | 3800 | 842.2 | 983.4 | 7 | 7 | 1623 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 panama ave | lte10ft | vanadium | mg/kg | 18 | 18 | 100 | 15.2 | 35.8 | 23.37 | 5.606 | -- | -- | 25.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 panama ave | lte10ft | zinc | mg/kg | 18 | 18 | 100 | 18.2 | 57.4 | 29.14 | 9.048 | -- | -- | 32.91 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 11 | 55 | 0.22 | 20 | 4.08 | 7.82 | 0.087 | 0.45 | 5.982 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 11 | 45 | 0.11 | 3.4 | 1.022 | 1.358 | 0.074 | 0.42 | 1.099 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24722 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 11 | 91 | 0.0013 | 0.057 | 0.0198 | 0.0211 | 0.0011 | 0.0011 | 0.0456 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 11 | 91 | 0.0026 | 0.067 | 0.0232 | 0.0216 | 0.0006 | 0.0006 | 0.0331 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 3.9 | 5.6 | 4.689 | 0.528 | -- | -- | 5.016 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | bap teq | mg/kg | 10 | 11 | 91 | 0.00103 | 0.0241 | 0.0103 | 0.00747 | 0.00053 | 0.00053 | 0.0136 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 11 | 91 | 0.0007 | 0.021 | 0.00954 | 0.00762 | 0.0007 | 0.0007 | 0.013 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 11 | 91 | 0.0007 | 0.018 | 0.00756 | 0.00593 | 0.0005 | 0.0005 | 0.0102 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 11 | 64 | 0.0019 | 0.01 | 0.00483 | 0.00303 | 0.0004 | 0.0051 | 0.00536 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | chromium, hexavalent | mg/kg | 5 | 9 | 56 | 0.23 | 0.44 | 0.292 | 0.0867 | 0.22 | 0.22 | 0.311 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | chrysene | mg/kg | 10 | 11 | 91 | 0.002 | 0.082 | 0.0296 | 0.0255 | 0.0012 | 0.0012 | 0.0412 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 5.16 | 6.92 | 6.309 | 0.524 | -- | -- | 6.634 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.71 | 9.4 | 8.663 | 0.532 | -- | -- | 8.993 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 11 | 45 | 0.0014 | 0.0037 | 0.0021 | 0.00098489 | 0.0009 | 0.0053 | 0.00232 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 4.82 | 8 | 6.286 | 0.969 | -- | -- | 6.886 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 9 | 11 | 82 | 0.0018 | 0.11 | 0.0214 | 0.0371 | 0.00025 | 0.00062 | 0.0632 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.0009 | 0.11 | 0.0294 | 0.0321 | -- | -- | 0.0607 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 11 | 73 | 17 | 600 | 151.1 | 188.6 | 4.8 | 4.8 | 342 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 11 | 64 | 0.075 | 1.2 | 0.391 | 0.372 | 0.045 | 0.051 | 0.476 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 11 | 91 | 8.6 | 1000 | 224.3 | 292.9 | 7 | 7 | 581.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 26.2 | 31 | 28.64 | 1.925 | -- | -- | 29.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 11 | 55 | 0.17 | 5.6 | 1.627 | 2.145 | 0.15 | 0.42 | 2.002 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 24.6 | 29.3 | 27.77 | 1.53 | -- | -- | 28.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 11 | 22 | 50 | 0.001 | 0.48 | 0.0533 | 0.142 | 0.0011 | 0.21 | 0.125 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 19 | 22 | 86 | 0.0014 | 0.88 | 0.0769 | 0.201 | 0.0048 | 0.072 | 0.243 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 2.1 | 8.6 | 3.467 | 1.552 | -- | -- | 4.139 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte02ft | bap teq | mg/kg | 21 | 22 | 95 | 0.0007 | 0.858 | 0.121 | 0.217 | 0.00053 | 0.00053 | 0.314 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte02ft | benzene | µg/kg | 15 | 22 | 68 | 0.11 | 1 | 0.263 | 0.22 | 0.1 | 0.16 | 0.298 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 21 | 22 | 95 | 0.0011 | 0.98 | 0.119 | 0.228 | 0.0007 | 0.0007 | 0.322 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 20 | 22 | 91 | 0.0014 | 0.66 | 0.0992 | 0.174 | 0.0005 | 0.0005 | 0.247 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 22 | 64 | 0.0011 | 0.32 | 0.0457 | 0.0833 | 0.0004 | 0.07 | 0.0569 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 22 | 32 | 0.0012 | 0.03 | 0.0118 | 0.0103 | 0.0011 | 0.088 | 0.0108 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | lte02ft | bromomethane | µg/kg | 8 | 22 | 36 | 0.86 | 1.2 | 1.056 | 0.129 | 0.66 | 7.5 | 1.065 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | lte02ft | cadmium | mg/kg | 9 | 18 | 50 | 0.01 | 0.52 | 0.13 | 0.177 | 0.0064 | 0.0064 | 0.128 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 ravenna ave | lte02ft | chromium, hexavalent | mg/kg | 5 | 18 | 28 | 0.25 | 1.1 | 0.69 | 0.325 | 0.22 | 0.22 | 0.694 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | lte02ft | chrysene | mg/kg | 21 | 22 | 95 | 0.0032 | 2.6 | 0.323 | 0.623 | 0.0012 | 0.0012 | 0.878 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 3.7 | 9.69 | 6.042 | 1.133 | -- | -- | 6.522 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 6.9 | 19.7 | 10.21 | 3.641 | -- | -- | 11.76 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 22 | 64 | 0.0009 | 0.058 | 0.0149 | 0.0169 | 0.0009 | 0.052 | 0.0172 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 3.1 | 105 | 19.59 | 25.52 | -- | -- | 30.5 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 ravenna ave | lte02ft | naphthalene | mg/kg | 14 | 22 | 64 | 0.0011 | 0.26 | 0.0303 | 0.0685 | 0.00024 | 0.00065 | 0.0722 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte02ft | pyrene | mg/kg | 22 | 22 | 100 | 0.0013 | 2.4 | 0.314 | 0.585 | -- | -- | 0.664 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 ravenna ave | lte02ft | toluene | µg/kg | 12 | 22 | 55 | 0.17 | 0.53 | 0.293 | 0.115 | 0.11 | 0.41 | 0.287 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | lte02ft | tph as diesel | mg/kg | 20 | 22 | 91 | 5.3 | 3400 | 863.6 | 1091 | 4.8 | 4.8 | 1780 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 ravenna ave | lte02ft | tph as gasoline | mg/kg | 10 | 22 | 45 | 0.058 | 0.27 | 0.107 | 0.0704 | 0.038 | 0.077 | 0.103 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte02ft | tph as motor oil | mg/kg | 20 | 22 | 91 | 20 | 13000 | 2378 | 3417 | 7 | 7 | 5260 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 16 | 33 | 22.5 | 4.322 | -- | -- | 24.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 13.8 | 61.5 | 31.57 | 14.36 | -- | -- | 37.9 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 39 | 36 | 0.13 | 720 | 154.7 | 250.7 | 0.087 | 0.47 | 173.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 39 | 23 | 0.3 | 320 | 95.43 | 130.7 | 0.074 | 0.44 | 42.72 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 25 | 39 | 64 | 0.001 | 7.5 | 0.636 | 1.611 | 0.0011 | 0.21 | 1.335 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 35 | 39 | 90 | 0.0014 | 10 | 0.588 | 1.809 | 0.0006 | 0.072 | 1.731 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | arsenic | mg/kg | 32 | 32 | 100 | 2 | 8.6 | 3.172 | 1.264 | -- | -- | 3.57 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | bap teq | mg/kg | 37 | 39 | 95 | 0.0007 | 0.858 | 0.14 | 0.217 | 0.00053 | 0.00053 | 0.282 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte05ft | benzene | µg/kg | 26 | 39 | 67 | 0.11 | 21 | 1.031 | 4.077 | 0.1 | 9.7 | 3.075 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 37 | 39 | 95 | 0.0011 | 0.98 | 0.156 | 0.253 | 0.0007 | 0.0007 | 0.322 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 36 | 39 | 92 | 0.0014 | 0.66 | 0.111 | 0.17 | 0.0005 | 0.0005 | 0.218 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 27 | 39 | 69 | 0.0011 | 0.32 | 0.0517 | 0.0836 | 0.0004 | 0.1 | 0.0884 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 13 | 39 | 33 | 0.0012 | 0.11 | 0.0279 | 0.0357 | 0.0011 | 0.14 | 0.0179 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte05ft | bromomethane | µg/kg | 11 | 39 | 28 | 0.73 | 1.2 | 1.012 | 0.147 | 0.66 | 700 | 0.97 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | lte05ft | cadmium | mg/kg | 11 | 32 | 34 | 0.01 | 0.52 | 0.117 | 0.162 | 0.0064 | 0.0064 | 0.0929 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24722 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 10 | 32 | 31 | 0.25 | 1.1 | 0.549 | 0.273 | 0.22 | 0.22 | 0.437 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | lte05ft | chrysene | mg/kg | 37 | 39 | 95 | 0.0032 | 2.6 | 0.402 | 0.65 | 0.0012 | 0.0012 | 0.827 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24722 ravenna ave | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 3.7 | 9.69 | 6.221 | 1.1 | -- | -- | 6.559 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | copper | mg/kg | 32 | 32 | 100 | 6.3 | 19.7 | 9.536 | 3.221 | -- | -- | 10.53 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 39 | 23 | 0.0013 | 0.12 | 0.0229 | 0.0378 | 0.0007 | 0.1 | 0.0124 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte05ft | ethylbenzene | µg/kg | 7 | 39 | 18 | 0.21 | 260 | 61.1 | 96.1 | 0.11 | 0.8 | 24.07 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 39 | 59 | 0.0009 | 0.12 | 0.0248 | 0.0316 | 0.0009 | 0.11 | 0.0236 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte05ft | lead | mg/kg | 32 | 32 | 100 | 3.1 | 105 | 17.66 | 23.92 | -- | -- | 36.09 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | naphthalene | mg/kg | 29 | 39 | 74 | 0.001 | 2.1 | 0.28 | 0.616 | 0.00024 | 0.00065 | 0.59 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | pyrene | mg/kg | 38 | 39 | 97 | 0.0013 | 5.2 | 0.524 | 1.03 | 0.0008 | 0.0008 | 1.222 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte05ft | toluene | µg/kg | 23 | 39 | 59 | 0.13 | 26 | 3.521 | 7.478 | 0.11 | 38 | 6.475 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | tph as diesel | mg/kg | 35 | 39 | 90 | 5.3 | 11000 | 1493 | 2526 | 4.8 | 4.8 | 3041 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte05ft | tph as gasoline | mg/kg | 22 | 39 | 56 | 0.058 | 7.1 | 1.067 | 1.875 | 0.038 | 0.077 | 1.674 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | tph as motor oil | mg/kg | 35 | 39 | 90 | 20 | 23000 | 3366 | 5595 | 7 | 7 | 6791 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 16 | 33.8 | 22.49 | 4.52 | -- | -- | 23.87 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte05ft | xylenes, total | µg/kg | 11 | 39 | 28 | 0.43 | 250 | 67.22 | 94.12 | 0.15 | 0.45 | 60.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 13.8 | 61.5 | 28.86 | 12.02 | -- | -- | 32.55 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 20 | 50 | 40 | 0.13 | 720 | 109.5 | 219.2 | 0.087 | 0.47 | 135.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 50 | 28 | 0.11 | 320 | 61.72 | 112.8 | 0.074 | 0.44 | 58.18 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 35 | 50 | 70 | 0.001 | 7.5 | 0.46 | 1.383 | 0.0011 | 0.21 | 1.048 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 45 | 50 | 90 | 0.0014 | 10 | 0.462 | 1.608 | 0.0006 | 0.072 | 1.361 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | arsenic | mg/kg | 41 | 41 | 100 | 2 | 8.6 | 3.505 | 1.303 | -- | -- | 3.84 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte10ft | bap teq | mg/kg | 47 | 50 | 94 | 0.0007 | 0.858 | 0.112 | 0.2 | 0.00053 | 0.00053 | 0.226 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | benzene | µg/kg | 28 | 50 | 56 | 0.11 | 21 | 0.974 | 3.929 | 0.098 | 9.7 | 2.43 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 47 | 50 | 94 | 0.0007 | 0.98 | 0.125 | 0.232 | 0.0007 | 0.0007 | 0.257 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 46 | 50 | 92 | 0.0007 | 0.66 | 0.0883 | 0.156 | 0.0005 | 0.0005 | 0.175 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 34 | 50 | 68 | 0.0011 | 0.32 | 0.0421 | 0.0767 | 0.0004 | 0.1 | 0.0703 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 16 | 50 | 32 | 0.0012 | 0.11 | 0.0232 | 0.0335 | 0.0007 | 0.14 | 0.0142 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte10ft | bromomethane | µg/kg | 14 | 50 | 28 | 0.73 | 1.2 | 0.965 | 0.164 | 0.66 | 700 | 0.894 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | cadmium | mg/kg | 12 | 41 | 29 | 0.01 | 0.52 | 0.111 | 0.156 | 0.0064 | 0.0064 | 0.0739 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 15 | 41 | 37 | 0.23 | 1.1 | 0.463 | 0.256 | 0.22 | 0.22 | 0.366 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte10ft | chrysene | mg/kg | 47 | 50 | 94 | 0.002 | 2.6 | 0.323 | 0.595 | 0.0012 | 0.0012 | 0.662 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | cobalt | mg/kg | 41 | 41 | 100 | 3.7 | 9.69 | 6.24 | 0.997 | -- | -- | 6.508 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | copper | mg/kg | 41 | 41 | 100 | 6.3 | 19.7 | 9.344 | 2.869 | -- | -- | 10.12 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 50 | 24 | 0.0012 | 0.12 | 0.0178 | 0.0336 | 0.00052 | 0.1 | 0.0115 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | ethylbenzene | µg/kg | 9 | 50 | 18 | 0.21 | 260 | 48.52 | 86.92 | 0.11 | 0.8 | 18.82 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 28 | 50 | 56 | 0.0009 | 0.12 | 0.0208 | 0.0298 | 0.0009 | 0.11 | 0.0189 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24722 ravenna ave | lte10ft | lead | mg/kg | 41 | 41 | 100 | 3.1 | 105 | 15.16 | 21.59 | -- | -- | 29.86 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | naphthalene | mg/kg | 38 | 50 | 76 | 0.001 | 2.1 | 0.219 | 0.548 | 0.00024 | 0.00065 | 0.467 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | pyrene | mg/kg | 49 | 50 | 98 | 0.0009 | 5.2 | 0.413 | 0.928 | 0.0008 | 0.0008 | 0.972 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | toluene | µg/kg | 27 | 50 | 54 | 0.12 | 26 | 3.029 | 6.984 | 0.11 | 38 | 5.087 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | tph as diesel | mg/kg | 43 | 50 | 86 | 5.3 | 11000 | 1243 | 2334 | 4.8 | 4.8 | 2431 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | tph as gasoline | mg/kg | 29 | 50 | 58 | 0.058 | 7.1 | 0.904 | 1.66 | 0.038 | 0.077 | 1.371 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | tph as motor oil | mg/kg | 45 | 50 | 90 | 8.6 | 23000 | 2668 | 5094 | 7 | 7 | 5422 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | vanadium | mg/kg | 41 | 41 | 100 | 16 | 33.8 | 23.84 | 4.819 | -- | -- | 25.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24722 ravenna ave | lte10ft | xylenes, total | µg/kg | 17 | 50 | 34 | 0.17 | 250 | 44.07 | 81.13 | 0.15 | 0.45 | 47.11 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24722 ravenna ave | lte10ft | zinc | mg/kg | 41 | 41 | 100 | 13.8 | 61.5 | 28.62 | 10.61 | -- | -- | 31.48 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 12 | 67 | 0.15 | 1 | 0.493 | 0.31 | 0.09 | 0.11 | 0.545 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 5 | 12 | 42 | 0.003 | 0.11 | 0.0272 | 0.0463 | 0.0006 | 0.006 | 0.0394 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 1.52 | 4.16 | 3.056 | 0.916 | -- | -- | 3.531 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte02ft | bap teq | mg/kg | 11 | 12 | 92 | 0.00178 | 0.404 | 0.0497 | 0.119 | 0.00053 | 0.00053 | 0.191 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte02ft | benzene | µg/kg | 10 | 12 | 83 | 0.18 | 6.4 | 1.054 | 1.898 | 0.1 | 0.12 | 3.131 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 12 | 75 | 0.0025 | 0.15 | 0.0256 | 0.0481 | 0.0007 | 0.0033 | 0.0739 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 12 | 75 | 0.0013 | 0.36 | 0.0501 | 0.117 | 0.0005 | 0.0039 | 0.169 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 12 | 58 | 0.0013 | 0.089 | 0.0274 | 0.0418 | 0.0004 | 0.0035 | 0.0603 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte02ft | chrysene | mg/kg | 10 | 12 | 83 | 0.0016 | 0.63 | 0.0866 | 0.193 | 0.0012 | 0.0059 | 0.299 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.92 | 12.4 | 9.123 | 2.181 | -- | -- | 10.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 8.08 | 28.2 | 15.09 | 6.471 | -- | -- | 18.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 12 | 42 | 0.0012 | 0.068 | 0.0269 | 0.0316 | 0.0009 | 0.0087 | 0.0269 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24723 marbella ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.44 | 23.1 | 8.91 | 5.301 | -- | -- | 11.92 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte02ft | naphthalene | mg/kg | 8 | 12 | 67 | 0.00033 | 0.0067 | 0.00145 | 0.00214 | 0.00025 | 0.00032 | 0.00218 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte02ft | pyrene | mg/kg | 10 | 12 | 83 | 0.0021 | 2.6 | 0.28 | 0.816 | 0.0008 | 0.0041 | 1.181 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte02ft | toluene | µg/kg | 10 | 12 | 83 | 0.21 | 3.1 | 0.88 | 0.941 | 0.11 | 0.13 | 1.899 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte02ft | tph as diesel | mg/kg | 10 | 12 | 83 | 9.4 | 5300 | 772.5 | 1631 | 4.8 | 4.8 | 2556 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte02ft | tph as motor oil | mg/kg | 10 | 12 | 83 | 28 | 11000 | 1916 | 3398 | 7 | 7 | 5615 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 20.5 | 40.9 | 30.48 | 6.398 | -- | -- | 33.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte02ft | xylenes, total | µg/kg | 5 | 12 | 42 | 0.19 | 0.87 | 0.562 | 0.313 | 0.15 | 0.2 | 0.69 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 24.4 | 123 | 46.22 | 27.08 | -- | -- | 60.75 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 17 | 59 | 0.11 | 51 | 5.505 | 15.99 | 0.09 | 0.11 | 16.58 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 8 | 17 | 47 | 0.0026 | 0.11 | 0.0247 | 0.0376 | 0.0006 | 0.006 | 0.0279 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte05ft | arsenic | mg/kg | 17 | 17 | 100 | 1.52 | 5.79 | 3.381 | 1.03 | -- | -- | 3.817 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte05ft | bap teq | mg/kg | 13 | 17 | 76 | 0.000544 | 0.404 | 0.0423 | 0.111 | 0.00053 | 0.00053 | 0.136 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte05ft | benzene | µg/kg | 11 | 17 | 65 | 0.18 | 6.4 | 1.076 | 1.802 | 0.1 | 12 | 1.573 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 10 | 17 | 59 | 0.0024 | 0.15 | 0.0233 | 0.0459 | 0.0007 | 0.0033 | 0.0536 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 10 | 17 | 59 | 0.0013 | 0.36 | 0.0453 | 0.111 | 0.0005 | 0.0039 | 0.121 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 8 | 17 | 47 | 0.0008 | 0.089 | 0.0241 | 0.0398 | 0.0004 | 0.0035 | 0.0435 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte05ft | chrysene | mg/kg | 12 | 17 | 71 | 0.0016 | 0.63 | 0.0728 | 0.178 | 0.0012 | 0.0059 | 0.214 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte05ft | cobalt | mg/kg | 17 | 17 | 100 | 5.92 | 12.4 | 8.433 | 2.136 | -- | -- | 9.425 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte05ft | copper | mg/kg | 17 | 17 | 100 | 8.08 | 28.2 | 13.21 | 6.155 | -- | -- | 15.88 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 17 | 29 | 0.0012 | 0.068 | 0.0269 | 0.0316 | 0.0009 | 0.0087 | 0.0228 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte05ft | lead | mg/kg | 17 | 17 | 100 | 4.14 | 23.1 | 7.653 | 4.837 | -- | -- | 9.606 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 marbella ave | lte05ft | naphthalene | mg/kg | 11 | 17 | 65 | 0.00033 | 0.33 | 0.0315 | 0.099 | 0.00025 | 0.00032 | 0.106 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte05ft | pyrene | mg/kg | 12 | 17 | 71 | 0.0021 | 2.6 | 0.234 | 0.746 | 0.0008 | 0.0041 | 0.839 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte05ft | toluene | µg/kg | 11 | 17 | 65 | 0.21 | 3.1 | 0.872 | 0.893 | 0.11 | 13 | 1.012 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte05ft | tph as diesel | mg/kg | 11 | 17 | 65 | 9.4 | 5300 | 713.2 | 1560 | 4.8 | 4.8 | 1842 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte05ft | tph as motor oil | mg/kg | 11 | 17 | 65 | 28 | 11000 | 1758 | 3266 | 7 | 7 | 2477 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte05ft | vanadium | mg/kg | 17 | 17 | 100 | 20.5 | 40.9 | 30.71 | 5.441 | -- | -- | 33.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte05ft | xylenes, total | µg/kg | 6 | 17 | 35 | 0.19 | 0.87 | 0.532 | 0.29 | 0.15 | 18 | 0.509 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte05ft | zinc | mg/kg | 17 | 17 | 100 | 24.4 | 123 | 41.4 | 23.74 | -- | -- | 52.11 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 22 | 55 | 0.11 | 51 | 4.708 | 14.58 | 0.09 | 0.11 | 12.87 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 5 | 22 | 23 | 0.0038 | 0.24 | 0.0942 | 0.109 | 0.0011 | 0.011 | 0.0731 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 9 | 22 | 41 | 0.0026 | 0.31 | 0.0564 | 0.101 | 0.0006 | 0.006 | 0.0903 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte10ft | arsenic | mg/kg | 22 | 22 | 100 | 1.52 | 5.79 | 3.301 | 0.96 | -- | -- | 3.653 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte10ft | bap teq | mg/kg | 15 | 22 | 68 | 0.000544 | 0.404 | 0.0374 | 0.103 | 0.00053 | 0.00053 | 0.107 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte10ft | benzene | µg/kg | 16 | 22 | 73 | 0.18 | 6.4 | 1.06 | 1.531 | 0.1 | 12 | 1.427 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 11 | 22 | 50 | 0.0024 | 0.15 | 0.022 | 0.0438 | 0.0007 | 0.0033 | 0.0259 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 12 | 22 | 55 | 0.0008 | 0.36 | 0.0385 | 0.102 | 0.0005 | 0.0039 | 0.0937 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 22 | 45 | 0.0005 | 0.089 | 0.0195 | 0.0364 | 0.0004 | 0.0035 | 0.0338 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte10ft | chrysene | mg/kg | 13 | 22 | 59 | 0.0016 | 0.63 | 0.069 | 0.171 | 0.0012 | 0.0059 | 0.168 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte10ft | cobalt | mg/kg | 22 | 22 | 100 | 2.05 | 12.4 | 7.576 | 2.661 | -- | -- | 8.553 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte10ft | copper | mg/kg | 22 | 22 | 100 | 2.8 | 28.2 | 11.72 | 6.236 | -- | -- | 14.31 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 marbella ave | lte10ft | ethylbenzene | µg/kg | 7 | 22 | 32 | 0.14 | 22 | 3.4 | 8.203 | 0.12 | 0.17 | 5.74 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 22 | 23 | 0.0012 | 0.068 | 0.0269 | 0.0316 | 0.0009 | 0.0087 | 0.0195 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte10ft | lead | mg/kg | 22 | 22 | 100 | 1.08 | 23.1 | 6.386 | 4.86 | -- | -- | 8.28 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte10ft | naphthalene | mg/kg | 13 | 22 | 59 | 0.00033 | 0.33 | 0.0305 | 0.0909 | 0.00025 | 0.00032 | 0.0847 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte10ft | pyrene | mg/kg | 14 | 22 | 64 | 0.0021 | 2.6 | 0.203 | 0.691 | 0.0008 | 0.0041 | 0.65 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 marbella ave | lte10ft | toluene | µg/kg | 15 | 22 | 68 | 0.21 | 3.1 | 0.779 | 0.783 | 0.11 | 13 | 0.891 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte10ft | tph as diesel | mg/kg | 11 | 22 | 50 | 9.4 | 5300 | 713.2 | 1560 | 4.8 | 4.8 | 1442 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 marbella ave | lte10ft | tph as gasoline | mg/kg | 6 | 22 | 27 | 0.052 | 1 | 0.28 | 0.367 | 0.047 | 0.063 | 0.195 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte10ft | tph as motor oil | mg/kg | 11 | 22 | 50 | 28 | 11000 | 1758 | 3266 | 7 | 7 | 1803 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte10ft | vanadium | mg/kg | 22 | 22 | 100 | 9.24 | 40.9 | 27.61 | 7.971 | -- | -- | 30.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 marbella ave | lte10ft | xylenes, total | µg/kg | 7 | 22 | 32 | 0.19 | 2.3 | 0.784 | 0.719 | 0.15 | 18 | 0.581 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 marbella ave | lte10ft | zinc | mg/kg | 22 | 22 | 100 | 9.44 | 123 | 37.23 | 22.82 | -- | -- | 58.43 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 5 | 9 | 56 | 0.0022 | 7.7 | 1.544 | 3.441 | 0.0011 | 0.0011 | 4.788 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 9 | 78 | 0.0009 | 13 | 1.864 | 4.911 | 0.0006 | 0.0006 | 7.859 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 2.16 | 4.42 | 2.769 | 0.678 | -- | -- | 3.203 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 ravenna ave | gt05lte10ft | bap teq | mg/kg | 6 | 9 | 67 | 0.00055 | 0.0526 | 0.0145 | 0.0222 | 0.00053 | 0.00053 | 0.0214 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 ravenna ave | gt05lte10ft | chrysene | mg/kg | 6 | 9 | 67 | 0.0015 | 0.19 | 0.0488 | 0.0781 | 0.0012 | 0.0012 | 0.132 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24723 ravenna ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 5.13 | 7.52 | 6.19 | 0.865 | -- | -- | 6.726 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.16 | 11.6 | 8.936 | 1.653 | -- | -- | 9.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 4.26 | 7.25 | 5.279 | 1.014 | -- | -- | 5.948 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 6 | 9 | 67 | 0.0011 | 5.2 | 0.872 | 2.121 | 0.00025 | 0.00027 | 3.18 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | gt05lte10ft | pyrene | mg/kg | 8 | 9 | 89 | 0.0009 | 0.4 | 0.0626 | 0.137 | 0.0008 | 0.0008 | 0.246 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | gt05lte10ft | toluene | µg/kg | 5 | 9 | 56 | 0.14 | 0.85 | 0.32 | 0.302 | 0.11 | 13 | 0.43 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 25.3 | 31.6 | 28.31 | 2.117 | -- | -- | 29.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 23.9 | 35.4 | 28.23 | 3.934 | -- | -- | 30.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 18 | 28 | 0.0055 | 0.021 | 0.0104 | 0.00646 | 0.0011 | 0.021 | 0.00979 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 18 | 89 | 0.0007 | 0.042 | 0.0155 | 0.011 | 0.0006 | 0.012 | 0.0187 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | arsenic | mg/kg | 16 | 18 | 89 | 0.414 | 3.03 | 1.382 | 0.921 | 0.398 | 0.398 | 1.66 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.000545 | 0.0713 | 0.0199 | 0.0215 | -- | -- | 0.0343 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte02ft | benzene | µg/kg | 10 | 18 | 56 | 0.12 | 0.33 | 0.208 | 0.0732 | 0.1 | 0.12 | 0.205 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 18 | 89 | 0.0008 | 0.092 | 0.0271 | 0.0236 | 0.0007 | 0.0007 | 0.0487 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 18 | 56 | 0.0037 | 0.054 | 0.0236 | 0.0179 | 0.0005 | 0.0099 | 0.0223 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 18 | 50 | 0.0021 | 0.037 | 0.0172 | 0.011 | 0.0004 | 0.007 | 0.0159 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | cadmium | mg/kg | 9 | 18 | 50 | 0.123 | 1.53 | 0.529 | 0.547 | 0.0883 | 0.0883 | 0.508 | 95% KM (t) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.0021 | 0.23 | 0.0798 | 0.0767 | -- | -- | 0.14 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5.1 | 7.99 | 6.346 | 0.843 | -- | -- | 6.692 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 6.55 | 32.5 | 12.18 | 7.208 | -- | -- | 15.27 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 18 | 33 | 0.004 | 0.036 | 0.0122 | 0.0123 | 0.0009 | 0.017 | 0.0102 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 3.05 | 43.1 | 11.82 | 11.04 | -- | -- | 16.8 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 ravenna ave | lte02ft | naphthalene | mg/kg | 12 | 18 | 67 | 0.0012 | 0.026 | 0.0121 | 0.00728 | 0.00025 | 0.00036 | 0.0128 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0023 | 0.26 | 0.0616 | 0.0699 | -- | -- | 0.105 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte02ft | toluene | µg/kg | 10 | 18 | 56 | 0.15 | 0.75 | 0.338 | 0.204 | 0.12 | 0.13 | 0.329 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte02ft | tph as diesel | mg/kg | 17 | 18 | 94 | 5.4 | 570 | 144.4 | 159.4 | 4.8 | 4.8 | 299.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte02ft | tph as gasoline | mg/kg | 5 | 18 | 28 | 0.06 | 0.18 | 0.122 | 0.0576 | 0.047 | 0.068 | 0.154 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | tph as motor oil | mg/kg | 17 | 18 | 94 | 13 | 1200 | 330.1 | 352.9 | 7 | 7 | 673.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 16 | 29.2 | 21.35 | 4.075 | -- | -- | 23.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 19.9 | 131 | 41.74 | 29.88 | -- | -- | 72.44 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 28 | 32 | 0.0011 | 0.75 | 0.158 | 0.3 | 0.0011 | 0.043 | 0.206 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 28 | 79 | 0.0007 | 0.7 | 0.0516 | 0.15 | 0.0006 | 0.024 | 0.152 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 ravenna ave | lte05ft | arsenic | mg/kg | 26 | 28 | 93 | 0.414 | 3.76 | 1.413 | 0.98 | 0.398 | 0.398 | 1.676 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte05ft | bap teq | mg/kg | 23 | 28 | 82 | 0.000545 | 0.0713 | 0.0181 | 0.0199 | 0.00053 | 0.00053 | 0.0308 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte05ft | benzene | µg/kg | 14 | 28 | 50 | 0.12 | 0.33 | 0.201 | 0.0647 | 0.1 | 0.12 | 0.187 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 20 | 28 | 71 | 0.0008 | 0.092 | 0.0276 | 0.0246 | 0.0007 | 0.013 | 0.0399 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 10 | 28 | 36 | 0.0037 | 0.054 | 0.0236 | 0.0179 | 0.0005 | 0.02 | 0.0169 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 9 | 28 | 32 | 0.0021 | 0.037 | 0.0172 | 0.011 | 0.0004 | 0.014 | 0.0135 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte05ft | cadmium | mg/kg | 9 | 28 | 32 | 0.123 | 1.53 | 0.529 | 0.547 | 0.0883 | 0.0883 | 0.384 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 28 | 25 | 0.3 | 0.49 | 0.38 | 0.0632 | 0.22 | 0.22 | 0.37 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte05ft | chrysene | mg/kg | 23 | 28 | 82 | 0.0021 | 0.46 | 0.096 | 0.107 | 0.0012 | 0.0012 | 0.164 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 5.1 | 8.56 | 6.532 | 0.904 | -- | -- | 6.823 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte05ft | copper | mg/kg | 28 | 28 | 100 | 5.49 | 32.5 | 10.46 | 6.239 | -- | -- | 12.56 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 28 | 21 | 0.004 | 0.036 | 0.0122 | 0.0123 | 0.0009 | 0.035 | 0.00806 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte05ft | lead | mg/kg | 28 | 28 | 100 | 3.05 | 43.1 | 9.296 | 9.448 | -- | -- | 17.08 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte05ft | naphthalene | mg/kg | 18 | 28 | 64 | 0.0012 | 0.46 | 0.0489 | 0.113 | 0.00025 | 0.00036 | 0.109 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 ravenna ave | lte05ft | pyrene | mg/kg | 26 | 28 | 93 | 0.0023 | 0.66 | 0.0816 | 0.139 | 0.0008 | 0.0008 | 0.188 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte05ft | toluene | µg/kg | 15 | 28 | 54 | 0.13 | 0.75 | 0.307 | 0.179 | 0.11 | 0.13 | 0.276 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 ravenna ave | lte05ft | tph as diesel | mg/kg | 22 | 28 | 79 | 5.4 | 5200 | 512.9 | 1138 | 4.8 | 4.8 | 1254 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 ravenna ave | lte05ft | tph as gasoline | mg/kg | 10 | 28 | 36 | 0.058 | 0.45 | 0.162 | 0.122 | 0.046 | 0.068 | 0.124 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte05ft | tph as motor oil | mg/kg | 22 | 28 | 79 | 13 | 4800 | 666.8 | 1069 | 7 | 7 | 1339 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 16 | 31.2 | 21.82 | 4.586 | -- | -- | 23.36 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 18.5 | 131 | 35.17 | 25.46 | -- | -- | 56.14 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 37 | 14 | 0.12 | 17 | 3.6 | 7.491 | 0.089 | 0.13 | 2.782 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 14 | 37 | 38 | 0.0011 | 7.7 | 0.653 | 2.043 | 0.0011 | 0.043 | 1.179 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 29 | 37 | 78 | 0.0007 | 13 | 0.489 | 2.41 | 0.0006 | 0.024 | 1.919 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | arsenic | mg/kg | 35 | 37 | 95 | 0.414 | 4.42 | 1.761 | 1.084 | 0.398 | 0.398 | 2.476 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | bap teq | mg/kg | 29 | 37 | 78 | 0.000545 | 0.0713 | 0.0173 | 0.02 | 0.00053 | 0.00053 | 0.0274 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte10ft | benzene | µg/kg | 18 | 37 | 49 | 0.11 | 0.34 | 0.207 | 0.0704 | 0.1 | 12 | 0.184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24723 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 24 | 37 | 65 | 0.0008 | 0.092 | 0.0247 | 0.0243 | 0.0007 | 0.065 | 0.0226 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 12 | 37 | 32 | 0.0016 | 0.054 | 0.0216 | 0.0174 | 0.0005 | 0.049 | 0.0135 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 11 | 37 | 30 | 0.0011 | 0.037 | 0.0149 | 0.0112 | 0.0004 | 0.035 | 0.0108 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte10ft | cadmium | mg/kg | 9 | 37 | 24 | 0.123 | 1.53 | 0.529 | 0.547 | 0.0883 | 0.0883 | 0.331 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 37 | 19 | 0.3 | 0.49 | 0.38 | 0.0632 | 0.22 | 0.22 | 0.371 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte10ft | chrysene | mg/kg | 29 | 37 | 78 | 0.0015 | 0.46 | 0.0862 | 0.102 | 0.0012 | 0.0012 | 0.137 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 ravenna ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 5.1 | 8.56 | 6.449 | 0.895 | -- | -- | 6.697 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24723 ravenna ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 5.49 | 32.5 | 10.09 | 5.499 | -- | -- | 11.68 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | ethylbenzene | µg/kg | 7 | 37 | 19 | 0.44 | 3900 | 560.1 | 1473 | 0.12 | 0.17 | 595.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 37 | 19 | 0.004 | 0.036 | 0.0112 | 0.0115 | 0.0009 | 0.087 | 0.00716 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 3.05 | 43.1 | 8.319 | 8.381 | -- | -- | 14.32 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | naphthalene | mg/kg | 24 | 37 | 65 | 0.0011 | 5.2 | 0.255 | 1.058 | 0.00025 | 0.00036 | 0.782 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | pyrene | mg/kg | 34 | 37 | 92 | 0.0009 | 0.66 | 0.0772 | 0.137 | 0.0008 | 0.0008 | 0.166 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 ravenna ave | lte10ft | toluene | µg/kg | 20 | 37 | 54 | 0.13 | 0.85 | 0.311 | 0.207 | 0.11 | 13 | 0.281 | 95% KM (t) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 ravenna ave | lte10ft | tph as diesel | mg/kg | 25 | 37 | 68 | 5.4 | 5200 | 629.2 | 1330 | 4.8 | 4.8 | 1239 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24723 ravenna ave | lte10ft | tph as gasoline | mg/kg | 12 | 37 | 32 | 0.058 | 790 | 66.12 | 228 | 0.046 | 0.068 | 117.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | tph as motor oil | mg/kg | 26 | 37 | 70 | 13 | 4800 | 719.7 | 1192 | 7 | 7 | 1264 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24723 ravenna ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 16 | 31.6 | 23.4 | 4.973 | -- | -- | 24.87 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24723 ravenna ave | lte10ft | xylenes, total | µg/kg | 6 | 37 | 16 | 0.22 | 100 | 17.05 | 40.64 | 0.15 | 0.23 | 15.65 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24723 ravenna ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 18.5 | 131 | 33.48 | 22.33 | -- | -- | 39.99 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24725 neptune ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 4.86 | 6.29 | 5.707 | 0.508 | -- | -- | 6.022 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | gt05lte10ft | chromium, hexavalent | mg/kg | 5 | 9 | 56 | 0.11 | 0.64 | 0.27 | 0.215 | 0.22 | 0.22 | 0.322 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 4.99 | 6.96 | 6.004 | 0.638 | -- | -- | 6.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.42 | 10.3 | 8.826 | 0.908 | -- | -- | 9.388 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 3.37 | 5.11 | 4.298 | 0.555 | -- | -- | 4.642 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 21 | 30.2 | 26.8 | 3.234 | -- | -- | 28.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 21.7 | 33.8 | 28.13 | 3.796 | -- | -- | 30.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 16 | 63 | 0.0009 | 0.062 | 0.0115 | 0.0186 | 0.0006 | 0.003 | 0.0149 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.07 | 6.63 | 3.763 | 1.176 | -- | -- | 4.278 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte02ft | bap teq | mg/kg | 15 | 16 | 94 | 0.000537 | 0.103 | 0.0183 | 0.0278 | 0.00053 | 0.00053 | 0.0469 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | benzene | µg/kg | 10 | 16 | 63 | 0.11 | 0.31 | 0.16 | 0.0581 | 0.11 | 0.11 | 0.168 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 16 | 69 | 0.0021 | 0.058 | 0.0195 | 0.0199 | 0.0007 | 0.0007 | 0.0236 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 16 | 88 | 0.0005 | 0.078 | 0.0146 | 0.0215 | 0.0005 | 0.0005 | 0.0354 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 16 | 69 | 0.0009 | 0.05 | 0.0119 | 0.0145 | 0.0004 | 0.0004 | 0.0154 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | chrysene | mg/kg | 14 | 16 | 88 | 0.0013 | 0.15 | 0.0364 | 0.0484 | 0.0012 | 0.0012 | 0.0831 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.08 | 7.95 | 6.275 | 0.803 | -- | -- | 6.627 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 6.53 | 22.1 | 10.98 | 4.294 | -- | -- | 13 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 16 | 38 | 0.002 | 0.05 | 0.0127 | 0.0187 | 0.0009 | 0.017 | 0.0117 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 2.95 | 111 | 15.01 | 26.2 | -- | -- | 43.56 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24725 neptune ave | lte02ft | naphthalene | mg/kg | 7 | 16 | 44 | 0.00032 | 0.041 | 0.00897 | 0.0144 | 0.00026 | 0.00032 | 0.00875 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | pyrene | mg/kg | 13 | 16 | 81 | 0.0009 | 0.11 | 0.0223 | 0.0308 | 0.0008 | 0.0008 | 0.05 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | toluene | µg/kg | 8 | 16 | 50 | 0.12 | 0.85 | 0.306 | 0.24 | 0.12 | 0.14 | 0.299 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | tph as diesel | mg/kg | 11 | 16 | 69 | 14 | 730 | 174.2 | 223.2 | 4.8 | 4.8 | 227.9 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | tph as motor oil | mg/kg | 11 | 16 | 69 | 41 | 2100 | 538.4 | 656.2 | 7 | 7 | 669.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 17.2 | 31.3 | 22.8 | 4.529 | -- | -- | 24.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 19.7 | 110 | 39.92 | 24.27 | -- | -- | 50.91 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 26 | 50 | 0.0008 | 0.062 | 0.00981 | 0.0165 | 0.0006 | 0.048 | 0.00961 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 2.07 | 6.63 | 3.742 | 0.984 | -- | -- | 4.072 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte05ft | bap teq | mg/kg | 20 | 26 | 77 | 0.000537 | 0.238 | 0.0277 | 0.0552 | 0.00053 | 0.00053 | 0.064 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte05ft | benzene | µg/kg | 13 | 26 | 50 | 0.11 | 0.31 | 0.159 | 0.0524 | 0.1 | 0.13 | 0.15 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 16 | 26 | 62 | 0.0021 | 0.2 | 0.0287 | 0.049 | 0.0007 | 0.0007 | 0.0349 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 26 | 73 | 0.0005 | 0.18 | 0.0218 | 0.0427 | 0.0005 | 0.0005 | 0.0484 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 26 | 62 | 0.0009 | 0.089 | 0.0148 | 0.0234 | 0.0004 | 0.0004 | 0.0174 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 26 | 27 | 0.085 | 0.38 | 0.221 | 0.106 | 0.22 | 0.22 | 0.203 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte05ft | chrysene | mg/kg | 19 | 26 | 73 | 0.0013 | 1.2 | 0.0956 | 0.271 | 0.0012 | 0.0012 | 0.272 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24725 neptune ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 5.08 | 9.02 | 6.883 | 1.166 | -- | -- | 7.273 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 5.64 | 22.1 | 9.833 | 3.726 | -- | -- | 11.12 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24725 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 26 | 23 | 0.0009 | 0.02 | 0.0058 | 0.00725 | 0.0007 | 0.054 | 0.00356 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 26 | 35 | 0.0014 | 0.05 | 0.00944 | 0.0156 | 0.0009 | 0.069 | 0.00931 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24725 neptune ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 2.95 | 111 | 11.76 | 20.94 | -- | -- | 29.66 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24725 neptune ave | lte05ft | naphthalene | mg/kg | 8 | 26 | 31 | 0.00032 | 0.041 | 0.00812 | 0.0135 | 0.00025 | 0.00032 | 0.00555 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte05ft | pyrene | mg/kg | 18 | 26 | 69 | 0.0009 | 1.9 | 0.126 | 0.444 | 0.0008 | 0.0008 | 0.407 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24725 neptune ave | lte05ft | toluene | µg/kg | 10 | 26 | 38 | 0.12 | 1.5 | 0.417 | 0.436 | 0.12 | 0.15 | 0.338 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte05ft | tph as diesel | mg/kg | 15 | 26 | 58 | 14 | 1400 | 227.5 | 379.9 | 4.8 | 4.8 | 261.7 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte05ft | tph as gasoline | mg/kg | 6 | 26 | 23 | 0.053 | 0.13 | 0.0798 | 0.0298 | 0.046 | 0.066 | 0.0722 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte05ft | tph as motor oil | mg/kg | 15 | 26 | 58 | 24 | 2400 | 568.9 | 775.7 | 7 | 7 | 571.4 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 17.2 | 31.3 | 24.18 | 4.243 | -- | -- | 25.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 19.7 | 110 | 34.68 | 20.09 | -- | -- | 41.75 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24725 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 15 | 35 | 43 | 0.0008 | 0.062 | 0.00896 | 0.0154 | 0.0006 | 0.048 | 0.00776 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24725 neptune ave | lte10ft | arsenic | mg/kg | 35 | 35 | 100 | 2.07 | 6.63 | 4.247 | 1.238 | -- | -- | 4.601 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte10ft | bap teq | mg/kg | 24 | 35 | 69 | 0.000537 | 0.238 | 0.0284 | 0.0549 | 0.00053 | 0.00053 | 0.0348 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte10ft | benzene | µg/kg | 14 | 35 | 40 | 0.11 | 0.31 | 0.157 | 0.0509 | 0.1 | 0.13 | 0.14 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 18 | 35 | 51 | 0.0011 | 0.2 | 0.0293 | 0.0474 | 0.0007 | 0.0007 | 0.0271 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 35 | 66 | 0.0005 | 0.18 | 0.0214 | 0.0409 | 0.0005 | 0.0005 | 0.0251 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 17 | 35 | 49 | 0.0009 | 0.089 | 0.0178 | 0.0259 | 0.0004 | 0.0004 | 0.0149 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 35 | 14 | 0.0017 | 0.067 | 0.0166 | 0.0283 | 0.0011 | 0.09 | 0.00751 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 12 | 35 | 34 | 0.085 | 0.64 | 0.241 | 0.153 | 0.22 | 0.22 | 0.199 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte10ft | chrysene | mg/kg | 22 | 35 | 63 | 0.0013 | 1.2 | 0.0859 | 0.252 | 0.0012 | 0.0012 | 0.126 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte10ft | cobalt | mg/kg | 35 | 35 | 100 | 4.99 | 9.02 | 6.657 | 1.117 | -- | -- | 6.983 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte10ft | copper | mg/kg | 35 | 35 | 100 | 5.64 | 22.1 | 9.574 | 3.256 | -- | -- | 10.54 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24725 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 35 | 20 | 0.0009 | 0.067 | 0.0145 | 0.0241 | 0.0007 | 0.054 | 0.00718 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 35 | 29 | 0.0014 | 0.07 | 0.0155 | 0.0241 | 0.0009 | 0.069 | 0.0115 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24725 neptune ave | lte10ft | lead | mg/kg | 35 | 35 | 100 | 2.95 | 111 | 9.84 | 18.26 | -- | -- | 23.3 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24725 neptune ave | lte10ft | naphthalene | mg/kg | 10 | 35 | 29 | 0.00032 | 0.041 | 0.00734 | 0.0121 | 0.00025 | 0.00032 | 0.00441 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24725 neptune ave | lte10ft | pyrene | mg/kg | 21 | 35 | 60 | 0.0009 | 1.9 | 0.128 | 0.413 | 0.0008 | 0.0008 | 0.317 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24725 neptune ave | lte10ft | toluene | µg/kg | 12 | 35 | 34 | 0.12 | 1.5 | 0.368 | 0.411 | 0.11 | 0.15 | 0.282 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte10ft | tph as diesel | mg/kg | 18 | 35 | 51 | 5.2 | 1400 | 191.9 | 354.3 | 4.8 | 4.8 | 194.6 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte10ft | tph as gasoline | mg/kg | 7 | 35 | 20 | 0.053 | 0.2 | 0.097 | 0.0529 | 0.046 | 0.066 | 0.08 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte10ft | tph as motor oil | mg/kg | 17 | 35 | 49 | 23 | 2400 | 506.6 | 746.6 | 7 | 7 | 422.8 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24725 neptune ave | lte10ft | vanadium | mg/kg | 35 | 35 | 100 | 17.2 | 31.3 | 24.85 | 4.129 | -- | -- | 26.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24725 neptune ave | lte10ft | zinc | mg/kg | 35 | 35 | 100 | 19.7 | 110 | 33 | 17.57 | -- | -- | 38.28 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 4.23 | 11.4 | 7.132 | 2.194 | -- | -- | 8.331 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | gt05lte10ft | benzene | µg/kg | 8 | 11 | 73 | 1.2 | 5.4 | 2.8 | 1.804 | 0.11 | 0.13 | 3.236 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 2.59 | 10.3 | 6.115 | 2.718 | -- | -- | 7.601 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 3.2 | 18.2 | 10.89 | 5.874 | -- | -- | 14.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 11 | 64 | 0.4 | 2.8 | 1.097 | 0.879 | 0.13 | 0.15 | 1.262 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 marbella ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 0.708 | 6.12 | 3.689 | 2.082 | -- | -- | 4.827 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | gt05lte10ft | pyrene | mg/kg | 6 | 11 | 55 | 0.0009 | 0.0036 | 0.00163 | 0.00099733 | 0.0008 | 0.0008 | 0.00176 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | gt05lte10ft | toluene | µg/kg | 9 | 11 | 82 | 0.19 | 0.92 | 0.518 | 0.256 | 0.13 | 0.14 | 0.605 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | gt05lte10ft | tph as gasoline | mg/kg | 7 | 11 | 64 | 0.11 | 2.6 | 0.667 | 0.908 | 0.052 | 0.057 | 0.892 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 11.1 | 39.9 | 24.95 | 10.46 | -- | -- | 30.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 11.3 | 48.4 | 30.1 | 12.62 | -- | -- | 37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 22 | 82 | 0.0007 | 0.075 | 0.00739 | 0.017 | 0.0006 | 0.012 | 0.0208 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte02ft | antimony | mg/kg | 16 | 22 | 73 | 0.489 | 2.66 | 1.301 | 0.712 | 0.306 | 0.306 | 1.341 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte02ft | arsenic | mg/kg | 22 | 22 | 100 | 4.3 | 9.27 | 7.059 | 1.218 | -- | -- | 7.506 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte02ft | bap teq | mg/kg | 22 | 22 | 100 | 0.00092 | 0.161 | 0.0247 | 0.0371 | -- | -- | 0.0395 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 marbella ave | lte02ft | benzene | µg/kg | 14 | 22 | 64 | 0.11 | 1.6 | 0.364 | 0.389 | 0.11 | 0.14 | 0.42 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 20 | 22 | 91 | 0.001 | 0.21 | 0.021 | 0.0461 | 0.0007 | 0.013 | 0.0605 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 22 | 22 | 100 | 0.0006 | 0.11 | 0.0191 | 0.0274 | -- | -- | 0.0306 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 22 | 22 | 100 | 0.0006 | 0.067 | 0.00874 | 0.0141 | -- | -- | 0.0136 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 10 | 22 | 45 | 0.0013 | 0.036 | 0.0066 | 0.0105 | 0.0011 | 0.023 | 0.0069 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte02ft | chrysene | mg/kg | 21 | 22 | 95 | 0.0022 | 0.57 | 0.0606 | 0.124 | 0.0012 | 0.0012 | 0.171 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte02ft | cobalt | mg/kg | 22 | 22 | 100 | 7.44 | 12.9 | 10.75 | 1.594 | -- | -- | 11.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte02ft | copper | mg/kg | 22 | 22 | 100 | 10.1 | 27.8 | 19.83 | 3.972 | -- | -- | 21.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 15 | 22 | 68 | 0.0008 | 0.033 | 0.00455 | 0.00801 | 0.0007 | 0.013 | 0.00631 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 22 | 86 | 0.0011 | 0.034 | 0.0072 | 0.00924 | 0.0009 | 0.0009 | 0.0146 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte02ft | lead | mg/kg | 22 | 22 | 100 | 5.22 | 28.2 | 9.974 | 4.579 | -- | -- | 11.47 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 marbella ave | lte02ft | naphthalene | mg/kg | 6 | 22 | 27 | 0.00037 | 0.029 | 0.0062 | 0.0112 | 0.00026 | 0.00033 | 0.00604 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24726 marbella ave | lte02ft | pyrene | mg/kg | 21 | 22 | 95 | 0.0019 | 0.37 | 0.0494 | 0.0908 | 0.0008 | 0.0008 | 0.13 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte02ft | toluene | µg/kg | 19 | 22 | 86 | 0.13 | 18 | 1.425 | 4.034 | 0.12 | 0.12 | 4.758 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte02ft | tph as diesel | mg/kg | 21 | 22 | 95 | 5 | 1000 | 166.7 | 215.9 | 4.8 | 4.8 | 358 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte02ft | tph as gasoline | mg/kg | 6 | 22 | 27 | 0.049 | 25 | 5.42 | 9.952 | 0.048 | 0.06 | 3.649 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte02ft | tph as motor oil | mg/kg | 21 | 22 | 95 | 12 | 2100 | 352 | 449.5 | 7 | 7 | 750.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte02ft | vanadium | mg/kg | 22 | 22 | 100 | 29.6 | 53 | 39.15 | 5.468 | -- | -- | 41.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte02ft | zinc | mg/kg | 22 | 22 | 100 | 28.3 | 88.8 | 52.27 | 14.28 | -- | -- | 57.98 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 38 | 18 | 0.0024 | 2.2 | 0.485 | 0.81 | 0.0011 | 0.021 | 0.201 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 38 | 66 | 0.0007 | 2.6 | 0.179 | 0.561 | 0.0006 | 0.012 | 0.446 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte05ft | antimony | mg/kg | 27 | 38 | 71 | 0.324 | 2.66 | 1.008 | 0.669 | 0.306 | 0.306 | 0.984 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte05ft | arsenic | mg/kg | 38 | 38 | 100 | 4.3 | 9.27 | 6.652 | 1.184 | -- | -- | 6.976 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte05ft | bap teq | mg/kg | 35 | 38 | 92 | 0.000887 | 0.346 | 0.0316 | 0.0635 | 0.00053 | 0.00053 | 0.0727 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte05ft | benzene | µg/kg | 17 | 38 | 45 | 0.11 | 5.1 | 0.781 | 1.321 | 0.11 | 0.14 | 0.718 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 29 | 38 | 76 | 0.0008 | 0.55 | 0.0418 | 0.106 | 0.0007 | 0.013 | 0.099 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 35 | 38 | 92 | 0.0006 | 0.25 | 0.0239 | 0.046 | 0.0005 | 0.0005 | 0.0536 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 32 | 38 | 84 | 0.0006 | 0.12 | 0.0124 | 0.0234 | 0.0004 | 0.0004 | 0.026 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 15 | 38 | 39 | 0.0013 | 0.044 | 0.00897 | 0.0131 | 0.0011 | 0.023 | 0.00762 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 38 | 16 | 0.22 | 0.52 | 0.367 | 0.122 | 0.22 | 0.22 | 0.347 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte05ft | chrysene | mg/kg | 34 | 38 | 89 | 0.0013 | 1.1 | 0.0883 | 0.208 | 0.0012 | 0.0012 | 0.22 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte05ft | cobalt | mg/kg | 38 | 38 | 100 | 5.93 | 12.9 | 9.758 | 1.963 | -- | -- | 10.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte05ft | copper | mg/kg | 38 | 38 | 100 | 8.09 | 27.8 | 16.41 | 5.513 | -- | -- | 17.92 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 19 | 38 | 50 | 0.0008 | 0.033 | 0.00554 | 0.00926 | 0.0007 | 0.013 | 0.00554 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 24 | 38 | 63 | 0.0011 | 0.035 | 0.00821 | 0.0101 | 0.0009 | 0.0087 | 0.00822 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 marbella ave | lte05ft | lead | mg/kg | 38 | 38 | 100 | 4.48 | 28.2 | 8.456 | 4.218 | -- | -- | 9.493 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 marbella ave | lte05ft | naphthalene | mg/kg | 12 | 38 | 32 | 0.00037 | 0.46 | 0.0746 | 0.143 | 0.00025 | 0.00033 | 0.0862 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte05ft | pyrene | mg/kg | 34 | 38 | 89 | 0.0009 | 1.9 | 0.113 | 0.328 | 0.0008 | 0.0008 | 0.322 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte05ft | toluene | µg/kg | 23 | 38 | 61 | 0.13 | 18 | 1.248 | 3.671 | 0.12 | 0.13 | 2.865 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte05ft | tph as diesel | mg/kg | 31 | 38 | 82 | 5 | 2000 | 254 | 409.6 | 4.8 | 4.8 | 478.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte05ft | tph as gasoline | mg/kg | 14 | 38 | 37 | 0.049 | 54 | 6.881 | 15.11 | 0.047 | 0.06 | 9.488 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte05ft | tph as motor oil | mg/kg | 32 | 38 | 84 | 11 | 2500 | 417.2 | 574.9 | 7 | 7 | 741 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte05ft | vanadium | mg/kg | 38 | 38 | 100 | 29.3 | 53 | 36.7 | 5.339 | -- | -- | 38.16 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte05ft | xylenes, total | µg/kg | 5 | 38 | 13 | 0.35 | 41 | 14.45 | 19.24 | 0.16 | 0.23 | 7.033 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte05ft | zinc | mg/kg | 38 | 38 | 100 | 27.4 | 88.8 | 44.26 | 14.79 | -- | -- | 48.31 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 49 | 14 | 0.12 | 120 | 30.94 | 48.72 | 0.09 | 0.14 | 9.743 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 49 | 12 | 0.13 | 9.5 | 2.283 | 3.654 | 0.076 | 0.12 | 0.752 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 49 | 18 | 0.0015 | 2.2 | 0.378 | 0.733 | 0.0011 | 0.021 | 0.289 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 27 | 49 | 55 | 0.0007 | 2.6 | 0.166 | 0.541 | 0.0006 | 0.012 | 0.347 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte10ft | antimony | mg/kg | 29 | 49 | 59 | 0.324 | 2.66 | 0.991 | 0.648 | 0.306 | 0.306 | 0.862 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte10ft | arsenic | mg/kg | 49 | 49 | 100 | 4.23 | 11.4 | 6.76 | 1.458 | -- | -- | 7.109 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte10ft | bap teq | mg/kg | 38 | 49 | 78 | 0.000536 | 0.346 | 0.0292 | 0.0614 | 0.00053 | 0.00053 | 0.0573 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte10ft | benzene | µg/kg | 25 | 49 | 51 | 0.11 | 5.4 | 1.427 | 1.742 | 0.11 | 0.14 | 1.663 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 29 | 49 | 59 | 0.0008 | 0.55 | 0.0418 | 0.106 | 0.0007 | 0.013 | 0.0776 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 36 | 49 | 73 | 0.0006 | 0.25 | 0.0232 | 0.0455 | 0.0005 | 0.0005 | 0.0423 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 33 | 49 | 67 | 0.0006 | 0.12 | 0.012 | 0.0231 | 0.0004 | 0.0004 | 0.0206 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 49 | 31 | 0.0013 | 0.044 | 0.00897 | 0.0131 | 0.0011 | 0.023 | 0.00615 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 10 | 49 | 20 | 0.22 | 0.52 | 0.346 | 0.0989 | 0.22 | 0.22 | 0.331 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte10ft | chrysene | mg/kg | 37 | 49 | 76 | 0.0012 | 1.1 | 0.0812 | 0.201 | 0.0012 | 0.0012 | 0.172 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte10ft | cobalt | mg/kg | 49 | 49 | 100 | 2.59 | 12.9 | 8.94 | 2.62 | -- | -- | 9.568 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte10ft | copper | mg/kg | 49 | 49 | 100 | 3.2 | 27.8 | 15.17 | 6.004 | -- | -- | 16.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 19 | 49 | 39 | 0.0008 | 0.033 | 0.00554 | 0.00926 | 0.0007 | 0.013 | 0.0044 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte10ft | ethylbenzene | µg/kg | 11 | 49 | 22 | 0.39 | 40 | 7.634 | 14.6 | 0.12 | 0.18 | 6.755 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 24 | 49 | 49 | 0.0011 | 0.035 | 0.00821 | 0.0101 | 0.0009 | 0.0087 | 0.0065 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 marbella ave | lte10ft | lead | mg/kg | 49 | 49 | 100 | 0.708 | 28.2 | 7.386 | 4.319 | -- | -- | 10.08 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte10ft | naphthalene | mg/kg | 14 | 49 | 29 | 0.00037 | 0.46 | 0.0654 | 0.134 | 0.00025 | 0.00038 | 0.0674 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte10ft | pyrene | mg/kg | 40 | 49 | 82 | 0.0009 | 1.9 | 0.0959 | 0.305 | 0.0008 | 0.0008 | 0.252 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte10ft | toluene | µg/kg | 32 | 49 | 65 | 0.13 | 18 | 1.043 | 3.113 | 0.12 | 0.14 | 1.474 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte10ft | tph as diesel | mg/kg | 34 | 49 | 69 | 5 | 2000 | 232.5 | 396.8 | 4.8 | 4.8 | 257.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 marbella ave | lte10ft | tph as gasoline | mg/kg | 21 | 49 | 43 | 0.049 | 54 | 4.81 | 12.56 | 0.047 | 0.06 | 7.425 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte10ft | tph as motor oil | mg/kg | 35 | 49 | 71 | 9.8 | 2500 | 382.7 | 560.7 | 7 | 7 | 589.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24726 marbella ave | lte10ft | vanadium | mg/kg | 49 | 49 | 100 | 11.1 | 53 | 34.06 | 8.325 | -- | -- | 36.05 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 marbella ave | lte10ft | xylenes, total | µg/kg | 8 | 49 | 16 | 0.35 | 41 | 9.768 | 15.92 | 0.16 | 0.24 | 6.515 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 marbella ave | lte10ft | zinc | mg/kg | 49 | 49 | 100 | 11.3 | 88.8 | 41.08 | 15.41 | -- | -- | 45.09 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 9 | 67 | 0.0006 | 0.016 | 0.0037 | 0.00605 | 0.0006 | 0.0006 | 0.0102 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 3.82 | 5.68 | 4.506 | 0.624 | -- | -- | 4.893 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | bap teq | mg/kg | 7 | 9 | 78 | 0.000585 | 0.0354 | 0.00782 | 0.0124 | 0.00053 | 0.00053 | 0.0228 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 9 | 78 | 0.0009 | 0.039 | 0.0086 | 0.0136 | 0.0007 | 0.0007 | 0.025 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 9 | 56 | 0.0015 | 0.024 | 0.0074 | 0.00939 | 0.0005 | 0.0005 | 0.011 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 9 | 56 | 0.001 | 0.017 | 0.00476 | 0.00686 | 0.0004 | 0.0004 | 0.0111 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | chrysene | mg/kg | 6 | 9 | 67 | 0.0019 | 0.14 | 0.0312 | 0.0536 | 0.0012 | 0.0012 | 0.0545 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 4.98 | 8.08 | 6.541 | 0.955 | -- | -- | 7.133 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 6.84 | 9.36 | 7.954 | 0.708 | -- | -- | 8.393 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 2.95 | 4.78 | 3.622 | 0.513 | -- | -- | 3.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | pyrene | mg/kg | 6 | 9 | 67 | 0.0024 | 0.048 | 0.0138 | 0.0174 | 0.0008 | 0.0008 | 0.0201 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 24.3 | 33.3 | 28.7 | 2.866 | -- | -- | 30.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 24.5 | 32.1 | 28.83 | 2.448 | -- | -- | 30.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 18 | 33 | 0.0012 | 0.044 | 0.00993 | 0.0168 | 0.0011 | 0.043 | 0.00871 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 18 | 94 | 0.0007 | 0.13 | 0.0256 | 0.0401 | 0.0006 | 0.0006 | 0.0647 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.17 | 4.5 | 2.664 | 1.175 | -- | -- | 3.146 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | lte02ft | bap teq | mg/kg | 17 | 18 | 94 | 0.00146 | 0.303 | 0.0634 | 0.104 | 0.00053 | 0.00053 | 0.165 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 18 | 94 | 0.0013 | 0.29 | 0.0616 | 0.103 | 0.0007 | 0.0007 | 0.162 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 18 | 94 | 0.001 | 0.21 | 0.0444 | 0.0724 | 0.0005 | 0.0005 | 0.115 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 17 | 18 | 94 | 0.0008 | 0.14 | 0.027 | 0.0443 | 0.0004 | 0.0004 | 0.0702 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 18 | 28 | 0.0014 | 0.06 | 0.0262 | 0.0286 | 0.0011 | 0.045 | 0.0242 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | lte02ft | cadmium | mg/kg | 5 | 18 | 28 | 0.0899 | 0.192 | 0.114 | 0.0436 | 0.0883 | 0.0883 | 0.109 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte02ft | chrysene | mg/kg | 17 | 18 | 94 | 0.0026 | 0.83 | 0.175 | 0.296 | 0.0012 | 0.0012 | 0.465 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 3.58 | 7.3 | 5.951 | 0.921 | -- | -- | 6.329 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 5.35 | 17.6 | 8.246 | 2.587 | -- | -- | 9.376 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 18 | 56 | 0.0008 | 0.083 | 0.0259 | 0.0324 | 0.0007 | 0.027 | 0.0272 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 18 | 78 | 0.001 | 0.084 | 0.0204 | 0.0318 | 0.0009 | 0.035 | 0.0462 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 1.73 | 17 | 5.787 | 4.101 | -- | -- | 7.623 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | lte02ft | naphthalene | mg/kg | 9 | 18 | 50 | 0.0012 | 0.047 | 0.0135 | 0.0186 | 0.00024 | 0.00032 | 0.0134 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte02ft | pyrene | mg/kg | 17 | 18 | 94 | 0.0023 | 0.48 | 0.0985 | 0.168 | 0.0008 | 0.0008 | 0.263 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte02ft | tph as diesel | mg/kg | 13 | 18 | 72 | 6.9 | 1200 | 267.7 | 356.3 | 4.8 | 4.8 | 530.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | lte02ft | tph as motor oil | mg/kg | 13 | 18 | 72 | 17 | 1700 | 580.2 | 633.1 | 7 | 7 | 1039 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 12.6 | 29.1 | 20.65 | 4.905 | -- | -- | 22.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 16.4 | 68.6 | 28.88 | 11.63 | -- | -- | 33.48 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 28 | 43 | 0.0012 | 1.4 | 0.166 | 0.416 | 0.0011 | 0.043 | 0.307 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 26 | 28 | 93 | 0.0007 | 1.8 | 0.134 | 0.412 | 0.0006 | 0.0006 | 0.453 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte05ft | arsenic | mg/kg | 28 | 28 | 100 | 1.17 | 4.5 | 2.506 | 1.091 | -- | -- | 2.901 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte05ft | bap teq | mg/kg | 26 | 28 | 93 | 0.000953 | 3.954 | 0.206 | 0.77 | 0.00053 | 0.00053 | 0.804 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 28 | 89 | 0.001 | 4.7 | 0.243 | 0.933 | 0.0007 | 0.0007 | 0.947 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 26 | 28 | 93 | 0.0006 | 2.8 | 0.146 | 0.546 | 0.0005 | 0.0005 | 0.57 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 24 | 28 | 86 | 0.0007 | 1.6 | 0.0907 | 0.324 | 0.0004 | 0.0004 | 0.326 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 28 | 29 | 0.0013 | 0.47 | 0.076 | 0.161 | 0.0011 | 0.045 | 0.0528 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | lte05ft | cadmium | mg/kg | 6 | 28 | 21 | 0.0899 | 0.192 | 0.111 | 0.0401 | 0.0883 | 0.0883 | 0.103 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 28 | 18 | 0.25 | 0.4 | 0.296 | 0.0611 | 0.22 | 0.22 | 0.282 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | lte05ft | chrysene | mg/kg | 25 | 28 | 89 | 0.0014 | 16 | 0.794 | 3.18 | 0.0012 | 0.0012 | 3.193 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 ravenna ave | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 2.63 | 11 | 6.136 | 1.489 | -- | -- | 6.657 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte05ft | copper | mg/kg | 28 | 28 | 100 | 4.83 | 17.6 | 7.59 | 2.463 | -- | -- | 8.348 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 15 | 28 | 54 | 0.0008 | 0.73 | 0.069 | 0.185 | 0.0007 | 0.027 | 0.153 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 28 | 68 | 0.001 | 0.69 | 0.0543 | 0.157 | 0.0009 | 0.035 | 0.145 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte05ft | lead | mg/kg | 28 | 28 | 100 | 1.73 | 17 | 5.262 | 4.012 | -- | -- | 6.564 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte05ft | naphthalene | mg/kg | 17 | 28 | 61 | 0.001 | 0.77 | 0.0612 | 0.186 | 0.00024 | 0.00032 | 0.159 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte05ft | pyrene | mg/kg | 25 | 28 | 89 | 0.0018 | 7 | 0.384 | 1.394 | 0.0008 | 0.0008 | 1.432 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte05ft | tph as diesel | mg/kg | 17 | 28 | 61 | 6.9 | 4100 | 614 | 1137 | 4.8 | 4.8 | 684.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | lte05ft | tph as motor oil | mg/kg | 18 | 28 | 64 | 12 | 15000 | 1568 | 3599 | 7 | 7 | 2042 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24726 ravenna ave | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 11.5 | 29.1 | 20.56 | 5.072 | -- | -- | 22.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 12.8 | 68.6 | 26.57 | 10.37 | -- | -- | 29.74 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24726 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 37 | 32 | 0.0012 | 1.4 | 0.166 | 0.416 | 0.0011 | 0.043 | 0.234 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 32 | 37 | 86 | 0.0006 | 1.8 | 0.109 | 0.374 | 0.0006 | 0.0006 | 0.345 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 1.17 | 5.68 | 2.992 | 1.318 | -- | -- | 3.42 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte10ft | bap teq | mg/kg | 33 | 37 | 89 | 0.000585 | 3.954 | 0.164 | 0.686 | 0.00053 | 0.00053 | 0.612 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 32 | 37 | 86 | 0.0009 | 4.7 | 0.192 | 0.827 | 0.0007 | 0.0007 | 0.719 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 31 | 37 | 84 | 0.0006 | 2.8 | 0.123 | 0.501 | 0.0005 | 0.0005 | 0.434 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 29 | 37 | 78 | 0.0007 | 1.6 | 0.0759 | 0.296 | 0.0004 | 0.0004 | 0.248 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 37 | 27 | 0.0012 | 0.47 | 0.0615 | 0.145 | 0.0011 | 0.045 | 0.04 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte10ft | cadmium | mg/kg | 6 | 37 | 16 | 0.0899 | 0.192 | 0.111 | 0.0401 | 0.0883 | 0.0883 | 0.1 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 37 | 16 | 0.25 | 0.4 | 0.298 | 0.0549 | 0.22 | 0.22 | 0.281 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | lte10ft | chrysene | mg/kg | 31 | 37 | 84 | 0.0014 | 16 | 0.647 | 2.861 | 0.0012 | 0.0012 | 2.426 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 2.63 | 11 | 6.235 | 1.378 | -- | -- | 6.648 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 4.83 | 17.6 | 7.679 | 2.165 | -- | -- | 8.304 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 19 | 37 | 51 | 0.0008 | 0.73 | 0.0551 | 0.165 | 0.0007 | 0.027 | 0.116 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24726 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 37 | 62 | 0.001 | 0.69 | 0.0453 | 0.143 | 0.0009 | 0.035 | 0.111 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 1.73 | 17 | 4.863 | 3.555 | -- | -- | 7.411 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | naphthalene | mg/kg | 21 | 37 | 57 | 0.001 | 0.77 | 0.05 | 0.168 | 0.00024 | 0.00032 | 0.121 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | pyrene | mg/kg | 31 | 37 | 84 | 0.0018 | 7 | 0.312 | 1.255 | 0.0008 | 0.0008 | 1.089 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24726 ravenna ave | lte10ft | tph as diesel | mg/kg | 19 | 37 | 51 | 6.9 | 4100 | 552.1 | 1088 | 4.8 | 4.8 | 563.9 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte10ft | tph as motor oil | mg/kg | 20 | 37 | 54 | 11 | 15000 | 1416 | 3436 | 7 | 7 | 1562 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24726 ravenna ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 11.5 | 33.3 | 22.54 | 5.8 | -- | -- | 24.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24726 ravenna ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 12.8 | 68.6 | 27.12 | 9.108 | -- | -- | 29.53 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 5 | 10 | 50 | 0.0006 | 0.17 | 0.0346 | 0.0757 | 0.0006 | 0.024 | 0.0959 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 3.28 | 6.39 | 4.588 | 1.105 | -- | -- | 5.228 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | bap teq | mg/kg | 5 | 10 | 50 | 0.00107 | 1.765 | 0.357 | 0.787 | 0.00053 | 0.00053 | 0.994 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | benzene | µg/kg | 6 | 10 | 60 | 0.21 | 4.4 | 2.187 | 1.698 | 0.11 | 0.13 | 2.76 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 5 | 10 | 50 | 0.0011 | 1.1 | 0.224 | 0.49 | 0.0007 | 0.0007 | 0.326 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 10 | 50 | 0.0007 | 1.3 | 0.263 | 0.58 | 0.0005 | 0.0005 | 0.732 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | cadmium | mg/kg | 9 | 10 | 90 | 0.15 | 0.37 | 0.221 | 0.0793 | 0.0883 | 0.0883 | 0.258 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | chrysene | mg/kg | 5 | 10 | 50 | 0.0018 | 1 | 0.21 | 0.442 | 0.0012 | 0.0012 | 0.299 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 2.37 | 7.55 | 4.678 | 2.101 | -- | -- | 6.198 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 3.38 | 12.4 | 7.018 | 3.922 | -- | -- | 12.4 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 0.97 | 4.64 | 2.457 | 1.229 | -- | -- | 3.169 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | pyrene | mg/kg | 5 | 10 | 50 | 0.0012 | 1.9 | 0.39 | 0.844 | 0.0008 | 0.0008 | 0.564 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | toluene | µg/kg | 5 | 10 | 50 | 0.15 | 0.68 | 0.404 | 0.208 | 0.13 | 0.14 | 0.481 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | tph as diesel | mg/kg | 5 | 10 | 50 | 6.2 | 37 | 18.84 | 12.51 | 4.8 | 4.8 | 20.9 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | tph as motor oil | mg/kg | 6 | 10 | 60 | 22 | 120 | 55.33 | 41.24 | 7 | 7 | 63.22 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 10.9 | 31.7 | 19.29 | 8.641 | -- | -- | 25.42 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 12.4 | 40.2 | 23.5 | 11.4 | -- | -- | 30.23 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 18 | 28 | 0.0026 | 0.33 | 0.0688 | 0.146 | 0.0011 | 0.021 | 0.107 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 18 | 78 | 0.001 | 0.29 | 0.0287 | 0.0753 | 0.0006 | 0.0048 | 0.0919 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte02ft | antimony | mg/kg | 6 | 18 | 33 | 0.28 | 0.65 | 0.465 | 0.135 | 0.28 | 0.28 | 0.473 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 2.47 | 8.17 | 4.391 | 1.682 | -- | -- | 5.125 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte02ft | bap teq | mg/kg | 17 | 18 | 94 | 0.00078 | 0.321 | 0.0529 | 0.0789 | 0.00411 | 0.00411 | 0.13 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte02ft | benzene | µg/kg | 6 | 18 | 33 | 0.11 | 0.25 | 0.16 | 0.049 | 0.11 | 0.12 | 0.158 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 18 | 83 | 0.0008 | 0.37 | 0.0376 | 0.0927 | 0.0007 | 0.0052 | 0.12 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 18 | 94 | 0.0005 | 0.24 | 0.0297 | 0.0575 | 0.0039 | 0.0039 | 0.086 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 18 | 83 | 0.0008 | 0.058 | 0.0121 | 0.0147 | 0.0004 | 0.0028 | 0.0247 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte02ft | cadmium | mg/kg | 18 | 18 | 100 | 0.29 | 0.69 | 0.394 | 0.0967 | -- | -- | 0.434 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte02ft | chrysene | mg/kg | 16 | 18 | 89 | 0.0014 | 0.9 | 0.105 | 0.219 | 0.0012 | 0.0095 | 0.308 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 6.6 | 13.7 | 8.818 | 1.989 | -- | -- | 9.653 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 8 | 27.8 | 14.32 | 5.004 | -- | -- | 16.46 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 18 | 56 | 0.0024 | 0.07 | 0.019 | 0.0217 | 0.0007 | 0.0054 | 0.0205 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 18 | 78 | 0.001 | 0.05 | 0.0148 | 0.0155 | 0.0009 | 0.0069 | 0.0271 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 4.1 | 40 | 9.865 | 8.201 | -- | -- | 12.89 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | lte02ft | naphthalene | mg/kg | 9 | 18 | 50 | 0.0011 | 0.68 | 0.102 | 0.223 | 0.00026 | 0.00029 | 0.12 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | lte02ft | pyrene | mg/kg | 16 | 18 | 89 | 0.0012 | 1.3 | 0.109 | 0.32 | 0.0008 | 0.0065 | 0.409 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte02ft | tph as diesel | mg/kg | 14 | 18 | 78 | 18 | 2200 | 585.4 | 617.3 | 4.8 | 4.8 | 1073 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte02ft | tph as motor oil | mg/kg | 15 | 18 | 83 | 23 | 5000 | 1712 | 1710 | 7 | 7 | 3168 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24727 marbella ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 23.2 | 47.6 | 30.83 | 6.588 | -- | -- | 33.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 25.2 | 56.7 | 39.43 | 8.481 | -- | -- | 42.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 30 | 33 | 0.0014 | 0.61 | 0.104 | 0.205 | 0.0011 | 0.021 | 0.138 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 30 | 73 | 0.0009 | 0.77 | 0.0581 | 0.17 | 0.0006 | 0.0048 | 0.161 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte05ft | antimony | mg/kg | 14 | 30 | 47 | 0.28 | 0.65 | 0.411 | 0.099 | 0.28 | 0.28 | 0.371 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 2.47 | 8.17 | 4.651 | 1.427 | -- | -- | 5.093 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte05ft | bap teq | mg/kg | 28 | 30 | 93 | 0.00078 | 0.556 | 0.0677 | 0.123 | 0.00053 | 0.00411 | 0.159 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte05ft | benzene | µg/kg | 9 | 30 | 30 | 0.11 | 130 | 15.14 | 43.1 | 0.1 | 0.12 | 24.28 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 23 | 30 | 77 | 0.0008 | 0.37 | 0.0439 | 0.0924 | 0.0007 | 0.0052 | 0.0999 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 27 | 30 | 90 | 0.0005 | 0.24 | 0.0315 | 0.057 | 0.0005 | 0.0039 | 0.0722 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 30 | 77 | 0.0008 | 0.1 | 0.0146 | 0.0228 | 0.0004 | 0.0028 | 0.028 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte05ft | cadmium | mg/kg | 30 | 30 | 100 | 0.26 | 0.69 | 0.375 | 0.094 | -- | -- | 0.404 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 10 | 30 | 33 | 0.25 | 0.32 | 0.272 | 0.0199 | 0.22 | 0.22 | 0.262 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | lte05ft | chrysene | mg/kg | 25 | 30 | 83 | 0.0014 | 0.9 | 0.145 | 0.263 | 0.0012 | 0.0095 | 0.317 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 5.87 | 13.7 | 8.417 | 1.969 | -- | -- | 9.04 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte05ft | copper | mg/kg | 30 | 30 | 100 | 7.75 | 27.8 | 13.22 | 5.064 | -- | -- | 14.85 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 16 | 30 | 53 | 0.0008 | 0.07 | 0.017 | 0.0191 | 0.0007 | 0.0054 | 0.0156 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 30 | 73 | 0.001 | 0.053 | 0.014 | 0.0164 | 0.0009 | 0.0069 | 0.0227 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte05ft | lead | mg/kg | 30 | 30 | 100 | 3.1 | 65.4 | 9.828 | 12.52 | -- | -- | 19.79 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte05ft | naphthalene | mg/kg | 15 | 30 | 50 | 0.001 | 11 | 0.796 | 2.828 | 0.00025 | 0.00029 | 2.024 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte05ft | pyrene | mg/kg | 25 | 30 | 83 | 0.001 | 1.7 | 0.227 | 0.508 | 0.0008 | 0.0065 | 0.565 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte05ft | toluene | µg/kg | 5 | 30 | 17 | 0.14 | 0.45 | 0.226 | 0.13 | 0.12 | 0.68 | 0.175 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte05ft | tph as diesel | mg/kg | 21 | 30 | 70 | 18 | 15000 | 1452 | 3423 | 4.8 | 4.8 | 3363 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte05ft | tph as gasoline | mg/kg | 7 | 30 | 23 | 0.055 | 630 | 90.18 | 238 | 0.047 | 0.062 | 118.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte05ft | tph as motor oil | mg/kg | 24 | 30 | 80 | 15 | 44000 | 3770 | 9424 | 7 | 7 | 9837 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 23.2 | 47.6 | 31.69 | 5.727 | -- | -- | 33.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 23.2 | 142 | 41.06 | 21.02 | -- | -- | 48.05 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 11 | 40 | 28 | 0.0014 | 0.61 | 0.105 | 0.194 | 0.0011 | 0.043 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 27 | 40 | 68 | 0.0006 | 0.77 | 0.0537 | 0.156 | 0.0006 | 0.024 | 0.127 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte10ft | antimony | mg/kg | 17 | 40 | 43 | 0.28 | 0.961 | 0.457 | 0.165 | 0.28 | 0.306 | 0.417 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 2.47 | 8.17 | 4.635 | 1.34 | -- | -- | 4.992 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte10ft | bap teq | mg/kg | 33 | 40 | 83 | 0.00078 | 1.765 | 0.112 | 0.318 | 0.00053 | 0.00411 | 0.294 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | benzene | µg/kg | 15 | 40 | 38 | 0.11 | 130 | 9.958 | 33.25 | 0.1 | 0.13 | 18.24 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 40 | 70 | 0.0008 | 1.1 | 0.076 | 0.218 | 0.0007 | 0.0052 | 0.181 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 32 | 40 | 80 | 0.0005 | 1.3 | 0.0677 | 0.231 | 0.0005 | 0.0039 | 0.198 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 26 | 40 | 65 | 0.0008 | 1 | 0.0516 | 0.195 | 0.0004 | 0.0028 | 0.143 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | cadmium | mg/kg | 39 | 40 | 98 | 0.15 | 0.69 | 0.339 | 0.111 | 0.0883 | 0.0883 | 0.365 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 11 | 40 | 28 | 0.25 | 0.32 | 0.27 | 0.02 | 0.22 | 0.22 | 0.259 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte10ft | chrysene | mg/kg | 30 | 40 | 75 | 0.0014 | 1 | 0.156 | 0.291 | 0.0012 | 0.0095 | 0.297 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 2.37 | 13.7 | 7.482 | 2.567 | -- | -- | 8.166 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 3.38 | 27.8 | 11.67 | 5.479 | -- | -- | 13.32 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 19 | 40 | 48 | 0.0008 | 0.22 | 0.0261 | 0.0503 | 0.0007 | 0.0054 | 0.0227 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24727 marbella ave | lte10ft | ethylbenzene | µg/kg | 5 | 40 | 13 | 0.48 | 610 | 123.9 | 271.7 | 0.12 | 0.24 | 44.25 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24727 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 25 | 40 | 63 | 0.001 | 0.6 | 0.0365 | 0.118 | 0.0009 | 0.0069 | 0.0889 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 0.97 | 65.4 | 7.985 | 11.28 | -- | -- | 9.904 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | naphthalene | mg/kg | 19 | 40 | 48 | 0.0009 | 11 | 0.633 | 2.515 | 0.00025 | 0.00034 | 1.517 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte10ft | pyrene | mg/kg | 30 | 40 | 75 | 0.001 | 1.9 | 0.254 | 0.562 | 0.0008 | 0.0065 | 0.535 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte10ft | toluene | µg/kg | 10 | 40 | 25 | 0.14 | 0.68 | 0.315 | 0.189 | 0.12 | 0.68 | 0.225 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte10ft | tph as diesel | mg/kg | 26 | 40 | 65 | 6.2 | 15000 | 1177 | 3115 | 4.8 | 4.8 | 2542 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | tph as gasoline | mg/kg | 10 | 40 | 25 | 0.055 | 630 | 63.36 | 199.1 | 0.047 | 0.062 | 87.32 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24727 marbella ave | lte10ft | tph as motor oil | mg/kg | 30 | 40 | 75 | 15 | 44000 | 3027 | 8528 | 7 | 7 | 7445 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24727 marbella ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 10.9 | 47.6 | 28.59 | 8.437 | -- | -- | 30.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24727 marbella ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 12.4 | 142 | 36.67 | 20.44 | -- | -- | 42.42 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 2.84 | 4.76 | 4.052 | 0.653 | -- | -- | 4.457 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | gt05lte10ft | bap teq | mg/kg | 5 | 9 | 56 | 0.000565 | 0.0059 | 0.00196 | 0.00224 | 0.00053 | 0.00053 | 0.00271 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | gt05lte10ft | benzene | µg/kg | 7 | 9 | 78 | 0.12 | 300 | 43.04 | 113.3 | 0.12 | 0.13 | 181.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 3.83 | 7.6 | 5.663 | 1.058 | -- | -- | 6.319 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 5.61 | 8.79 | 7.826 | 1.051 | -- | -- | 8.586 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 neptune ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 2.54 | 5.04 | 3.893 | 0.801 | -- | -- | 4.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24728 neptune ave | gt05lte10ft | toluene | µg/kg | 6 | 9 | 67 | 0.18 | 0.47 | 0.298 | 0.107 | 0.14 | 12 | 0.34 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 16.4 | 28.8 | 24.59 | 4.597 | -- | -- | 27.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 17.8 | 27.4 | 24.62 | 3.21 | -- | -- | 26.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 16 | 44 | 0.0006 | 5.9 | 0.913 | 2.205 | 0.0006 | 0.0006 | 1.074 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.18 | 3.02 | 1.841 | 0.603 | -- | -- | 2.105 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | lte02ft | bap teq | mg/kg | 12 | 16 | 75 | 0.00054 | 0.357 | 0.0416 | 0.102 | 0.00053 | 0.0411 | 0.13 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 neptune ave | lte02ft | benzene | µg/kg | 9 | 16 | 56 | 0.17 | 170 | 19.52 | 56.43 | 0.12 | 0.15 | 58.49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 16 | 69 | 0.0007 | 0.5 | 0.0579 | 0.149 | 0.0007 | 0.052 | 0.178 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 10 | 16 | 63 | 0.0008 | 0.26 | 0.0363 | 0.0809 | 0.0005 | 0.039 | 0.0566 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 16 | 50 | 0.0006 | 0.19 | 0.0325 | 0.0648 | 0.0004 | 0.028 | 0.0381 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | lte02ft | chrysene | mg/kg | 12 | 16 | 75 | 0.0014 | 1.1 | 0.121 | 0.317 | 0.0012 | 0.095 | 0.396 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.52 | 7.1 | 6.117 | 0.567 | -- | -- | 6.372 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 5.55 | 22.2 | 8.736 | 3.798 | -- | -- | 10.53 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 2.87 | 27.5 | 6.026 | 6.058 | -- | -- | 12.63 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte02ft | pyrene | mg/kg | 13 | 16 | 81 | 0.001 | 1.3 | 0.116 | 0.357 | 0.0008 | 0.065 | 0.449 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte02ft | toluene | µg/kg | 13 | 16 | 81 | 0.13 | 22 | 2.067 | 5.994 | 0.13 | 0.14 | 7.654 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte02ft | tph as diesel | mg/kg | 8 | 16 | 50 | 6 | 8100 | 1384 | 2845 | 4.8 | 4.8 | 1634 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | lte02ft | tph as gasoline | mg/kg | 9 | 16 | 56 | 0.067 | 660 | 73.43 | 220 | 0.047 | 0.064 | 226 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte02ft | tph as motor oil | mg/kg | 10 | 16 | 63 | 9.1 | 11000 | 1862 | 3753 | 7 | 7 | 2784 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 15.7 | 25.9 | 19.41 | 2.652 | -- | -- | 20.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 19.6 | 80.8 | 27.89 | 14.75 | -- | -- | 34.89 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 24 | 21 | 0.0012 | 19 | 4.695 | 8.181 | 0.0011 | 0.0043 | 2.483 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 9 | 24 | 38 | 0.0006 | 33 | 4.377 | 10.91 | 0.0006 | 0.0006 | 4.107 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 neptune ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 1.18 | 3.83 | 2.126 | 0.737 | -- | -- | 2.384 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | lte05ft | bap teq | mg/kg | 16 | 24 | 67 | 0.000537 | 0.357 | 0.0389 | 0.0918 | 0.00053 | 0.0411 | 0.095 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte05ft | benzene | µg/kg | 15 | 24 | 63 | 0.12 | 3200 | 225.1 | 824.1 | 0.11 | 0.15 | 729.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 13 | 24 | 54 | 0.0007 | 0.5 | 0.0645 | 0.143 | 0.0007 | 0.052 | 0.133 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 12 | 24 | 50 | 0.0006 | 0.26 | 0.0304 | 0.0745 | 0.0005 | 0.099 | 0.0647 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 9 | 24 | 38 | 0.0006 | 0.19 | 0.029 | 0.0615 | 0.0004 | 0.07 | 0.0256 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | lte05ft | chrysene | mg/kg | 15 | 24 | 63 | 0.0013 | 1.1 | 0.136 | 0.309 | 0.0012 | 0.095 | 0.311 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 5.52 | 9.02 | 6.689 | 1.143 | -- | -- | 7.095 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 neptune ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 5.3 | 22.2 | 8.477 | 3.192 | -- | -- | 9.674 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 2.87 | 27.5 | 5.588 | 4.958 | -- | -- | 7.463 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte05ft | naphthalene | mg/kg | 7 | 24 | 29 | 0.0011 | 13 | 2.762 | 4.798 | 0.00024 | 0.00037 | 1.829 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | lte05ft | pyrene | mg/kg | 16 | 24 | 67 | 0.001 | 1.3 | 0.12 | 0.331 | 0.0008 | 0.065 | 0.327 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte05ft | toluene | µg/kg | 19 | 24 | 79 | 0.12 | 22 | 1.491 | 4.972 | 0.12 | 12 | 5.181 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte05ft | tph as diesel | mg/kg | 10 | 24 | 42 | 6 | 10000 | 2109 | 3764 | 4.8 | 4.8 | 1814 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 neptune ave | lte05ft | tph as gasoline | mg/kg | 10 | 24 | 42 | 0.067 | 1400 | 206.1 | 468 | 0.046 | 0.064 | 371.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte05ft | tph as motor oil | mg/kg | 12 | 24 | 50 | 9.1 | 12000 | 2556 | 4544 | 7 | 7 | 2499 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 neptune ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 15.7 | 34.7 | 21.76 | 4.811 | -- | -- | 23.5 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24728 neptune ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 18.6 | 80.8 | 27 | 12.14 | -- | -- | 31.59 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 6 | 33 | 18 | 0.0012 | 19 | 4.056 | 7.483 | 0.0011 | 0.0043 | 1.806 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 10 | 33 | 30 | 0.0006 | 33 | 4.059 | 10.33 | 0.0006 | 0.0006 | 3.005 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 1.18 | 4.76 | 2.651 | 1.121 | -- | -- | 3.02 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | lte10ft | bap teq | mg/kg | 21 | 33 | 64 | 0.000537 | 0.357 | 0.0301 | 0.0812 | 0.00053 | 0.0411 | 0.0698 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | benzene | µg/kg | 22 | 33 | 67 | 0.12 | 3200 | 167.2 | 681.2 | 0.11 | 0.15 | 537.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 15 | 33 | 45 | 0.0007 | 0.5 | 0.0565 | 0.134 | 0.0007 | 0.052 | 0.0981 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 14 | 33 | 42 | 0.0006 | 0.26 | 0.0262 | 0.0693 | 0.0005 | 0.099 | 0.0473 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 33 | 30 | 0.0006 | 0.19 | 0.0262 | 0.0587 | 0.0004 | 0.07 | 0.0187 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 neptune ave | lte10ft | bromomethane | µg/kg | 6 | 33 | 18 | 1.5 | 3.9 | 2.65 | 1.021 | 1.4 | 160 | 2.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 5 | 33 | 15 | 0.22 | 0.72 | 0.492 | 0.19 | 0.22 | 0.22 | 0.57 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | lte10ft | chrysene | mg/kg | 18 | 33 | 55 | 0.0013 | 1.1 | 0.115 | 0.285 | 0.0012 | 0.095 | 0.229 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 3.83 | 9.02 | 6.409 | 1.198 | -- | -- | 6.762 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 neptune ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 5.3 | 22.2 | 8.299 | 2.772 | -- | -- | 9.173 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 2.54 | 27.5 | 5.126 | 4.291 | -- | -- | 6.494 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | naphthalene | mg/kg | 10 | 33 | 30 | 0.00039 | 13 | 2.214 | 4.087 | 0.00024 | 0.00037 | 1.406 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 neptune ave | lte10ft | pyrene | mg/kg | 20 | 33 | 61 | 0.001 | 1.3 | 0.0979 | 0.298 | 0.0008 | 0.065 | 0.24 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | toluene | µg/kg | 25 | 33 | 76 | 0.12 | 22 | 1.204 | 4.337 | 0.12 | 12 | 3.838 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | tph as diesel | mg/kg | 11 | 33 | 33 | 6 | 10000 | 1979 | 3597 | 4.8 | 4.8 | 1340 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24728 neptune ave | lte10ft | tph as gasoline | mg/kg | 12 | 33 | 36 | 0.066 | 1400 | 215.1 | 438.1 | 0.046 | 0.064 | 294.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | tph as motor oil | mg/kg | 14 | 33 | 42 | 9.1 | 12000 | 2251 | 4254 | 7 | 7 | 1845 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 neptune ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 15.7 | 34.7 | 22.53 | 4.854 | -- | -- | 24.07 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24728 neptune ave | lte10ft | xylenes, total | µg/kg | 6 | 33 | 18 | 0.16 | 270 | 45.4 | 110 | 0.15 | 16 | 46.83 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 neptune ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 17.8 | 80.8 | 26.35 | 10.47 | -- | -- | 29.69 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0015 | 0.65 | 0.121 | 0.26 | 0.0054 | 0.043 | 0.163 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.0039 | 1.1 | 0.132 | 0.323 | 0.003 | 0.003 | 0.513 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 3.24 | 10.8 | 5.253 | 2.079 | -- | -- | 6.384 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00442 | 0.455 | 0.0967 | 0.129 | -- | -- | 0.196 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | benzene | µg/kg | 11 | 12 | 92 | 0.13 | 0.74 | 0.277 | 0.171 | 0.11 | 0.11 | 0.355 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0033 | 0.55 | 0.114 | 0.164 | -- | -- | 0.248 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.0033 | 0.33 | 0.0691 | 0.0931 | -- | -- | 0.14 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 12 | 100 | 0.0017 | 0.17 | 0.0396 | 0.0473 | -- | -- | 0.0764 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | cadmium | mg/kg | 10 | 12 | 83 | 0.143 | 2.12 | 0.713 | 0.699 | 0.0883 | 0.0883 | 1.469 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0093 | 1.1 | 0.278 | 0.352 | -- | -- | 0.592 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 6.19 | 8.49 | 7.062 | 0.556 | -- | -- | 7.35 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 9.13 | 41 | 19.84 | 10.06 | -- | -- | 25.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 12 | 50 | 0.001 | 0.048 | 0.0143 | 0.0172 | 0.0034 | 0.13 | 0.0174 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 12 | 50 | 0.0013 | 0.053 | 0.0193 | 0.018 | 0.0043 | 0.17 | 0.0232 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 6.24 | 74.5 | 29.62 | 25.06 | -- | -- | 48.47 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | naphthalene | mg/kg | 6 | 12 | 50 | 0.0049 | 0.044 | 0.0156 | 0.0145 | 0.00027 | 0.00038 | 0.0163 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0047 | 2.4 | 0.329 | 0.687 | -- | -- | 1.016 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 panama ave | lte02ft | toluene | µg/kg | 8 | 12 | 67 | 0.13 | 0.25 | 0.171 | 0.0398 | 0.12 | 0.18 | 0.179 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte02ft | tph as diesel | mg/kg | 11 | 12 | 92 | 47 | 870 | 298 | 318.8 | 4.8 | 4.8 | 671.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte02ft | tph as gasoline | mg/kg | 9 | 12 | 75 | 0.059 | 0.4 | 0.181 | 0.12 | 0.052 | 0.056 | 0.211 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte02ft | tph as motor oil | mg/kg | 11 | 12 | 92 | 110 | 2400 | 783.6 | 826.6 | 7 | 7 | 1753 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 panama ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 24.7 | 28.3 | 26.13 | 1.131 | -- | -- | 26.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 29.3 | 174 | 73.84 | 49.16 | -- | -- | 135.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 25 | 32 | 0.16 | 6.2 | 1.008 | 2.103 | 0.092 | 0.15 | 0.925 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 25 | 56 | 0.0013 | 11 | 1.079 | 2.964 | 0.0054 | 0.086 | 2.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 24 | 25 | 96 | 0.0018 | 12 | 0.693 | 2.467 | 0.003 | 0.003 | 2.776 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 1.43 | 10.8 | 3.874 | 2.179 | -- | -- | 4.716 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.00313 | 1.706 | 0.209 | 0.371 | -- | -- | 0.357 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte05ft | benzene | µg/kg | 15 | 25 | 60 | 0.12 | 0.74 | 0.26 | 0.151 | 0.11 | 0.2 | 0.252 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 25 | 100 | 0.003 | 1.8 | 0.236 | 0.449 | -- | -- | 0.432 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 25 | 25 | 100 | 0.0023 | 1.3 | 0.154 | 0.279 | -- | -- | 0.264 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 25 | 92 | 0.001 | 0.56 | 0.0824 | 0.131 | 0.014 | 0.014 | 0.188 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 25 | 32 | 0.0018 | 0.26 | 0.0628 | 0.0996 | 0.0011 | 0.23 | 0.0464 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte05ft | cadmium | mg/kg | 15 | 25 | 60 | 0.123 | 2.12 | 0.545 | 0.613 | 0.0883 | 0.0883 | 0.555 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 25 | 20 | 0.27 | 0.8 | 0.524 | 0.215 | 0.22 | 0.22 | 0.586 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.0055 | 4.9 | 0.601 | 1.12 | -- | -- | 1.104 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 4.14 | 8.7 | 6.596 | 0.991 | -- | -- | 6.935 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 4.92 | 41 | 14.3 | 9.107 | -- | -- | 17.56 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 14 | 25 | 56 | 0.0008 | 0.2 | 0.0352 | 0.0546 | 0.0034 | 0.13 | 0.0378 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 25 | 52 | 0.0013 | 0.27 | 0.0543 | 0.0803 | 0.0009 | 0.17 | 0.054 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 3.56 | 239 | 36.23 | 50.08 | -- | -- | 79.89 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte05ft | naphthalene | mg/kg | 15 | 25 | 60 | 0.00041 | 1.1 | 0.111 | 0.285 | 0.00027 | 0.0036 | 0.266 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte05ft | pyrene | mg/kg | 25 | 25 | 100 | 0.0047 | 12 | 1.196 | 3.014 | -- | -- | 3.823 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte05ft | toluene | µg/kg | 10 | 25 | 40 | 0.13 | 0.25 | 0.164 | 0.0384 | 0.12 | 0.29 | 0.156 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte05ft | tph as diesel | mg/kg | 23 | 25 | 92 | 9.7 | 62000 | 5744 | 13917 | 4.8 | 4.8 | 17004 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte05ft | tph as gasoline | mg/kg | 19 | 25 | 76 | 0.059 | 380 | 26.08 | 87.76 | 0.052 | 0.42 | 87.27 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte05ft | tph as motor oil | mg/kg | 23 | 25 | 92 | 20 | 78000 | 8709 | 18324 | 7 | 7 | 23480 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 14.7 | 34 | 23.63 | 4.94 | -- | -- | 25.32 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 17.7 | 174 | 62.57 | 43.63 | -- | -- | 85.47 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 31 | 32 | 0.11 | 6.2 | 0.833 | 1.891 | 0.091 | 0.15 | 0.91 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 17 | 31 | 55 | 0.0013 | 11 | 0.891 | 2.704 | 0.0011 | 0.086 | 2.099 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 30 | 31 | 97 | 0.0017 | 12 | 0.558 | 2.215 | 0.003 | 0.003 | 2.247 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte10ft | antimony | mg/kg | 8 | 31 | 26 | 0.365 | 0.961 | 0.641 | 0.24 | 0.306 | 0.306 | 0.525 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte10ft | arsenic | mg/kg | 31 | 31 | 100 | 1.43 | 10.8 | 3.956 | 1.965 | -- | -- | 5.494 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24728 panama ave | lte10ft | bap teq | mg/kg | 31 | 31 | 100 | 0.00185 | 1.706 | 0.174 | 0.34 | -- | -- | 0.295 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte10ft | benzene | µg/kg | 19 | 31 | 61 | 0.11 | 0.74 | 0.237 | 0.142 | 0.1 | 0.2 | 0.24 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 31 | 31 | 100 | 0.0021 | 1.8 | 0.195 | 0.41 | -- | -- | 0.341 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 31 | 31 | 100 | 0.0013 | 1.3 | 0.128 | 0.255 | -- | -- | 0.218 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 29 | 31 | 94 | 0.0008 | 0.56 | 0.0674 | 0.12 | 0.014 | 0.014 | 0.155 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 31 | 29 | 0.0018 | 0.26 | 0.0578 | 0.0944 | 0.0011 | 0.23 | 0.038 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 panama ave | lte10ft | cadmium | mg/kg | 16 | 31 | 52 | 0.121 | 2.12 | 0.519 | 0.602 | 0.0883 | 0.0883 | 0.475 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 31 | 19 | 0.25 | 0.8 | 0.478 | 0.223 | 0.22 | 0.22 | 0.41 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte10ft | chrysene | mg/kg | 31 | 31 | 100 | 0.0044 | 4.9 | 0.5 | 1.024 | -- | -- | 0.875 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 panama ave | lte10ft | cobalt | mg/kg | 31 | 31 | 100 | 4.14 | 14.7 | 7.181 | 1.839 | -- | -- | 7.764 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte10ft | copper | mg/kg | 31 | 31 | 100 | 4.92 | 41 | 13.32 | 8.402 | -- | -- | 15.8 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24728 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 18 | 31 | 58 | 0.0008 | 0.2 | 0.029 | 0.0493 | 0.0007 | 0.13 | 0.0324 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 31 | 58 | 0.0009 | 0.27 | 0.0415 | 0.0708 | 0.0009 | 0.17 | 0.0472 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24728 panama ave | lte10ft | lead | mg/kg | 31 | 31 | 100 | 3.56 | 239 | 30.61 | 46.29 | -- | -- | 66.85 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte10ft | naphthalene | mg/kg | 19 | 31 | 61 | 0.00041 | 1.1 | 0.0892 | 0.255 | 0.00026 | 0.0036 | 0.215 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte10ft | pyrene | mg/kg | 31 | 31 | 100 | 0.0029 | 12 | 0.976 | 2.734 | -- | -- | 3.117 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte10ft | toluene | µg/kg | 12 | 31 | 39 | 0.13 | 0.67 | 0.203 | 0.151 | 0.12 | 0.29 | 0.193 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte10ft | tph as diesel | mg/kg | 28 | 31 | 90 | 9.7 | 62000 | 4780 | 12740 | 4.8 | 4.8 | 13864 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte10ft | tph as gasoline | mg/kg | 23 | 31 | 74 | 0.059 | 380 | 21.56 | 80.02 | 0.051 | 0.42 | 70.49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24728 panama ave | lte10ft | tph as motor oil | mg/kg | 28 | 31 | 90 | 20 | 78000 | 7251 | 16848 | 7 | 7 | 19203 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24728 panama ave | lte10ft | vanadium | mg/kg | 31 | 31 | 100 | 14.7 | 34 | 25.13 | 5.423 | -- | -- | 26.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24728 panama ave | lte10ft | zinc | mg/kg | 31 | 31 | 100 | 17.7 | 174 | 56.47 | 41.05 | -- | -- | 88.6 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 neptune ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 3.88 | 6.3 | 5.39 | 0.705 | -- | -- | 5.827 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | gt05lte10ft | chromium, hexavalent | mg/kg | 8 | 9 | 89 | 0.061 | 0.72 | 0.388 | 0.196 | 0.22 | 0.22 | 0.484 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 5.67 | 7.04 | 6.267 | 0.563 | -- | -- | 6.616 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.9 | 9.75 | 9.033 | 0.67 | -- | -- | 9.449 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 3.57 | 5.8 | 4.542 | 0.7 | -- | -- | 4.976 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 22.9 | 29.8 | 26.81 | 2.273 | -- | -- | 28.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 26.3 | 34.2 | 30.28 | 2.393 | -- | -- | 31.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 17 | 53 | 0.0031 | 0.41 | 0.0635 | 0.131 | 0.0006 | 0.012 | 0.141 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte02ft | arsenic | mg/kg | 17 | 17 | 100 | 2.32 | 4.91 | 3.329 | 0.771 | -- | -- | 3.656 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte02ft | bap teq | mg/kg | 15 | 17 | 88 | 0.00109 | 0.32 | 0.0619 | 0.0839 | 0.00053 | 0.00053 | 0.141 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 11 | 17 | 65 | 0.0035 | 0.4 | 0.0692 | 0.113 | 0.0007 | 0.013 | 0.0939 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 17 | 76 | 0.0008 | 0.22 | 0.0531 | 0.0622 | 0.0005 | 0.0099 | 0.103 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 17 | 59 | 0.0028 | 0.14 | 0.0362 | 0.0404 | 0.0004 | 0.007 | 0.0435 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte02ft | chrysene | mg/kg | 15 | 17 | 88 | 0.0019 | 1.3 | 0.161 | 0.323 | 0.0012 | 0.0012 | 0.468 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte02ft | cobalt | mg/kg | 17 | 17 | 100 | 4.56 | 7.95 | 6.452 | 0.752 | -- | -- | 6.771 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte02ft | copper | mg/kg | 17 | 17 | 100 | 6.16 | 21.4 | 11.48 | 4.073 | -- | -- | 13.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 17 | 47 | 0.002 | 0.064 | 0.0256 | 0.0227 | 0.0009 | 0.017 | 0.0242 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte02ft | lead | mg/kg | 17 | 17 | 100 | 3.29 | 155 | 22.44 | 35.58 | -- | -- | 36.69 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 neptune ave | lte02ft | pyrene | mg/kg | 13 | 17 | 76 | 0.0011 | 1.7 | 0.198 | 0.458 | 0.0008 | 0.016 | 0.585 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte02ft | toluene | µg/kg | 10 | 17 | 59 | 0.17 | 3.7 | 1.075 | 1.124 | 0.12 | 0.14 | 1.27 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte02ft | tph as diesel | mg/kg | 14 | 17 | 82 | 14 | 2800 | 459.1 | 789.8 | 4.8 | 4.8 | 1161 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte02ft | tph as gasoline | mg/kg | 11 | 17 | 65 | 0.066 | 3.7 | 0.55 | 1.062 | 0.046 | 0.052 | 0.805 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 neptune ave | lte02ft | tph as motor oil | mg/kg | 15 | 17 | 88 | 7.2 | 4700 | 851.3 | 1331 | 7 | 7 | 2107 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte02ft | vanadium | mg/kg | 17 | 17 | 100 | 15 | 27 | 22.15 | 3.371 | -- | -- | 23.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte02ft | zinc | mg/kg | 17 | 17 | 100 | 22.3 | 137 | 47.46 | 28.68 | -- | -- | 59.92 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 26 | 19 | 0.12 | 0.91 | 0.338 | 0.327 | 0.088 | 0.12 | 0.22 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 11 | 26 | 42 | 0.0011 | 0.41 | 0.0523 | 0.119 | 0.0006 | 0.012 | 0.0929 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 2.32 | 5.16 | 3.539 | 0.845 | -- | -- | 3.822 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte05ft | bap teq | mg/kg | 20 | 26 | 77 | 0.00059 | 0.32 | 0.0471 | 0.0767 | 0.00053 | 0.00208 | 0.0964 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 26 | 58 | 0.0009 | 0.4 | 0.0513 | 0.1 | 0.0007 | 0.013 | 0.0623 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 26 | 65 | 0.0007 | 0.22 | 0.0412 | 0.0582 | 0.0005 | 0.0099 | 0.0464 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 26 | 54 | 0.0005 | 0.14 | 0.0262 | 0.0374 | 0.0004 | 0.007 | 0.0251 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 12 | 26 | 46 | 0.05 | 0.88 | 0.4 | 0.281 | 0.038 | 0.22 | 0.326 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte05ft | chrysene | mg/kg | 20 | 26 | 77 | 0.0019 | 1.3 | 0.122 | 0.286 | 0.0012 | 0.0047 | 0.313 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 4.56 | 13.1 | 7.356 | 1.731 | -- | -- | 7.934 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 neptune ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 6.16 | 21.4 | 10.61 | 3.558 | -- | -- | 11.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 26 | 19 | 0.0007 | 0.063 | 0.0181 | 0.0257 | 0.0007 | 0.027 | 0.00883 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24729 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 26 | 35 | 0.0014 | 0.064 | 0.0229 | 0.0227 | 0.0009 | 0.017 | 0.0155 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 3.17 | 155 | 16.53 | 29.66 | -- | -- | 41.88 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 neptune ave | lte05ft | pyrene | mg/kg | 18 | 26 | 69 | 0.0011 | 1.7 | 0.145 | 0.395 | 0.0008 | 0.016 | 0.387 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte05ft | toluene | µg/kg | 13 | 26 | 50 | 0.15 | 3.7 | 0.99 | 1.01 | 0.11 | 0.14 | 0.85 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte05ft | tph as diesel | mg/kg | 18 | 26 | 69 | 8.9 | 2800 | 364.9 | 714.1 | 4.8 | 4.8 | 783.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte05ft | tph as gasoline | mg/kg | 13 | 26 | 50 | 0.06 | 3.7 | 0.478 | 0.985 | 0.046 | 0.052 | 0.514 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 neptune ave | lte05ft | tph as motor oil | mg/kg | 20 | 26 | 77 | 7.2 | 4700 | 656.7 | 1194 | 7 | 7 | 1434 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 15 | 37.6 | 24.75 | 5.252 | -- | -- | 26.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 22.3 | 137 | 42.42 | 24.34 | -- | -- | 50.98 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 35 | 23 | 0.11 | 0.91 | 0.281 | 0.262 | 0.087 | 0.12 | 0.191 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 13 | 35 | 37 | 0.0011 | 0.41 | 0.0445 | 0.111 | 0.0006 | 0.012 | 0.0695 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte10ft | arsenic | mg/kg | 35 | 35 | 100 | 2.32 | 6.3 | 4.015 | 1.147 | -- | -- | 4.343 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte10ft | bap teq | mg/kg | 22 | 35 | 63 | 0.00059 | 0.32 | 0.0431 | 0.0741 | 0.00053 | 0.00208 | 0.0733 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte10ft | benzene | µg/kg | 5 | 35 | 14 | 0.11 | 0.2 | 0.16 | 0.0361 | 0.1 | 0.13 | 0.157 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 16 | 35 | 46 | 0.0009 | 0.4 | 0.0485 | 0.0974 | 0.0007 | 0.013 | 0.0428 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 19 | 35 | 54 | 0.0007 | 0.22 | 0.0371 | 0.0562 | 0.0005 | 0.0099 | 0.036 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 35 | 46 | 0.0005 | 0.14 | 0.0231 | 0.0358 | 0.0004 | 0.007 | 0.0186 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 20 | 35 | 57 | 0.05 | 0.88 | 0.395 | 0.244 | 0.038 | 0.22 | 0.332 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte10ft | chrysene | mg/kg | 22 | 35 | 63 | 0.0019 | 1.3 | 0.112 | 0.274 | 0.0012 | 0.0047 | 0.236 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte10ft | cobalt | mg/kg | 35 | 35 | 100 | 4.56 | 13.1 | 7.076 | 1.585 | -- | -- | 7.543 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 neptune ave | lte10ft | copper | mg/kg | 35 | 35 | 100 | 6.16 | 21.4 | 10.21 | 3.147 | -- | -- | 11.06 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 35 | 14 | 0.0007 | 0.063 | 0.0181 | 0.0257 | 0.0007 | 0.027 | 0.00668 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 35 | 26 | 0.0014 | 0.064 | 0.0229 | 0.0227 | 0.0009 | 0.017 | 0.0122 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte10ft | lead | mg/kg | 35 | 35 | 100 | 3.17 | 155 | 13.44 | 25.98 | -- | -- | 32.59 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 neptune ave | lte10ft | pyrene | mg/kg | 22 | 35 | 63 | 0.0011 | 1.7 | 0.119 | 0.359 | 0.0008 | 0.016 | 0.29 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte10ft | toluene | µg/kg | 17 | 35 | 49 | 0.13 | 3.7 | 0.866 | 0.916 | 0.11 | 0.15 | 0.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 neptune ave | lte10ft | tph as diesel | mg/kg | 20 | 35 | 57 | 8.1 | 2800 | 332.1 | 683.1 | 4.8 | 4.8 | 592.5 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte10ft | tph as gasoline | mg/kg | 14 | 35 | 40 | 0.06 | 3.7 | 0.45 | 0.952 | 0.045 | 0.056 | 0.444 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 neptune ave | lte10ft | tph as motor oil | mg/kg | 23 | 35 | 66 | 7.2 | 4700 | 579.1 | 1129 | 7 | 7 | 1087 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24729 neptune ave | lte10ft | vanadium | mg/kg | 35 | 35 | 100 | 15 | 37.6 | 25.28 | 4.726 | -- | -- | 26.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 neptune ave | lte10ft | zinc | mg/kg | 35 | 35 | 100 | 22.3 | 137 | 39.3 | 21.58 | -- | -- | 45.79 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0011 | 0.0056 | 0.003 | 0.00196 | -- | -- | 0.00498 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 5.07 | 6.74 | 5.969 | 0.596 | -- | -- | 6.368 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00181 | 0.0123 | 0.00571 | 0.00409 | -- | -- | 0.00845 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.0025 | 0.01 | 0.00511 | 0.00279 | -- | -- | 0.00698 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 8 | 100 | 0.0012 | 0.0091 | 0.0042 | 0.00318 | -- | -- | 0.00733 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 8 | 100 | 0.0009 | 0.0055 | 0.00265 | 0.0018 | -- | -- | 0.00385 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.0048 | 0.031 | 0.0139 | 0.0101 | -- | -- | 0.0234 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 6.41 | 9.76 | 7.79 | 0.978 | -- | -- | 8.445 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 9.27 | 11.3 | 9.984 | 0.756 | -- | -- | 10.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 8 | 63 | 0.0007 | 0.0023 | 0.00128 | 0.00064187 | 0.0007 | 0.0007 | 0.0015 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 8 | 75 | 0.001 | 0.0037 | 0.00215 | 0.00109 | 0.0009 | 0.0009 | 0.00259 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 7.05 | 8.23 | 7.468 | 0.351 | -- | -- | 7.703 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | naphthalene | mg/kg | 8 | 8 | 100 | 0.001 | 0.063 | 0.0144 | 0.0218 | -- | -- | 0.0471 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.0034 | 0.019 | 0.00945 | 0.0059 | -- | -- | 0.0134 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | tph as diesel | mg/kg | 7 | 8 | 88 | 6.4 | 42 | 22.49 | 13.93 | 4.8 | 4.8 | 30.02 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 7 | 8 | 88 | 18 | 110 | 58 | 36.47 | 7 | 7 | 77.77 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 32.4 | 40.1 | 35.94 | 2.387 | -- | -- | 37.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 27.6 | 32 | 30.09 | 1.602 | -- | -- | 31.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 16 | 44 | 0.0044 | 0.02 | 0.01 | 0.00547 | 0.0011 | 0.021 | 0.0104 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 16 | 100 | 0.0018 | 0.061 | 0.0228 | 0.0181 | -- | -- | 0.0307 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.19 | 8.85 | 3.77 | 1.523 | -- | -- | 4.407 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 panama ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00501 | 0.154 | 0.06 | 0.0371 | -- | -- | 0.0763 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | benzene | µg/kg | 7 | 16 | 44 | 0.11 | 0.5 | 0.21 | 0.139 | 0.1 | 0.12 | 0.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0037 | 0.16 | 0.0554 | 0.0385 | -- | -- | 0.0722 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.0034 | 0.11 | 0.0433 | 0.0273 | -- | -- | 0.0553 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 16 | 100 | 0.0033 | 0.065 | 0.027 | 0.0153 | -- | -- | 0.0337 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 12 | 16 | 75 | 0.0014 | 0.041 | 0.0156 | 0.0109 | 0.0045 | 0.023 | 0.0181 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | cadmium | mg/kg | 5 | 16 | 31 | 0.0887 | 0.147 | 0.105 | 0.024 | 0.0883 | 0.0883 | 0.103 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24729 panama ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0091 | 0.42 | 0.157 | 0.119 | -- | -- | 0.209 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.09 | 7.99 | 6.899 | 0.539 | -- | -- | 7.135 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.27 | 14.7 | 9.352 | 1.742 | -- | -- | 10.11 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 14 | 16 | 88 | 0.0012 | 0.029 | 0.0115 | 0.00735 | 0.0027 | 0.013 | 0.0138 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 16 | 94 | 0.0027 | 0.044 | 0.0205 | 0.0109 | 0.0035 | 0.0035 | 0.0244 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.64 | 15.7 | 8.824 | 3.115 | -- | -- | 10.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | naphthalene | mg/kg | 13 | 16 | 81 | 0.0014 | 0.12 | 0.0304 | 0.0296 | 0.00025 | 0.00027 | 0.0414 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0049 | 0.42 | 0.113 | 0.113 | -- | -- | 0.177 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 panama ave | lte02ft | toluene | µg/kg | 5 | 16 | 31 | 0.11 | 0.23 | 0.172 | 0.046 | 0.11 | 0.13 | 0.179 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 18 | 840 | 244.3 | 261.3 | -- | -- | 388.8 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 panama ave | lte02ft | tph as gasoline | mg/kg | 13 | 16 | 81 | 0.045 | 0.12 | 0.0708 | 0.0217 | 0.047 | 0.05 | 0.076 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 61 | 1900 | 634.4 | 562 | -- | -- | 941.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 20.1 | 32.2 | 23.95 | 2.926 | -- | -- | 25.25 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 22.9 | 35 | 26.36 | 2.885 | -- | -- | 27.62 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 14 | 26 | 54 | 0.0011 | 0.039 | 0.00994 | 0.00986 | 0.0011 | 0.021 | 0.00955 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 26 | 96 | 0.0006 | 0.09 | 0.0211 | 0.022 | 0.0006 | 0.0006 | 0.0391 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 1.78 | 8.85 | 3.202 | 1.414 | -- | -- | 3.644 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | bap teq | mg/kg | 25 | 26 | 96 | 0.000616 | 0.187 | 0.0499 | 0.0477 | 0.00053 | 0.00053 | 0.0889 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | benzene | µg/kg | 8 | 26 | 31 | 0.11 | 0.5 | 0.233 | 0.143 | 0.1 | 0.12 | 0.19 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 26 | 96 | 0.0011 | 0.16 | 0.0432 | 0.0398 | 0.0007 | 0.0007 | 0.0756 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 26 | 92 | 0.0008 | 0.15 | 0.0382 | 0.0365 | 0.0005 | 0.0005 | 0.0666 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 24 | 26 | 92 | 0.0007 | 0.068 | 0.0228 | 0.0188 | 0.0004 | 0.0004 | 0.0374 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 15 | 26 | 58 | 0.0012 | 0.041 | 0.0136 | 0.0108 | 0.0011 | 0.023 | 0.0127 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte05ft | cadmium | mg/kg | 6 | 26 | 23 | 0.0887 | 0.147 | 0.11 | 0.0246 | 0.0883 | 0.0883 | 0.102 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte05ft | chrysene | mg/kg | 25 | 26 | 96 | 0.0017 | 0.42 | 0.126 | 0.126 | 0.0012 | 0.0012 | 0.229 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 5.49 | 7.99 | 6.605 | 0.62 | -- | -- | 6.813 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 5.96 | 14.7 | 8.595 | 1.91 | -- | -- | 9.245 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 19 | 26 | 73 | 0.0011 | 0.03 | 0.0108 | 0.00855 | 0.0007 | 0.013 | 0.011 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 26 | 85 | 0.0012 | 0.048 | 0.0176 | 0.0136 | 0.0009 | 0.0035 | 0.0201 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 panama ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 3.84 | 52.4 | 9.223 | 9.33 | -- | -- | 17.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 panama ave | lte05ft | naphthalene | mg/kg | 22 | 26 | 85 | 0.0009 | 0.12 | 0.0278 | 0.0301 | 0.00025 | 0.00027 | 0.0488 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | pyrene | mg/kg | 25 | 26 | 96 | 0.0009 | 0.6 | 0.103 | 0.145 | 0.0008 | 0.0008 | 0.222 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | toluene | µg/kg | 8 | 26 | 31 | 0.11 | 0.29 | 0.185 | 0.0581 | 0.11 | 0.13 | 0.171 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte05ft | tph as diesel | mg/kg | 21 | 26 | 81 | 5 | 990 | 237.5 | 298.2 | 4.8 | 4.8 | 435.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | tph as gasoline | mg/kg | 18 | 26 | 69 | 0.045 | 0.12 | 0.0703 | 0.0192 | 0.047 | 0.053 | 0.0699 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte05ft | tph as motor oil | mg/kg | 21 | 26 | 81 | 14 | 1900 | 583.1 | 619.1 | 7 | 7 | 988.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 16.8 | 32.2 | 22.13 | 3.451 | -- | -- | 23.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 18.7 | 73.7 | 26.39 | 10.3 | -- | -- | 30.12 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 18 | 34 | 53 | 0.0011 | 0.039 | 0.00912 | 0.00958 | 0.0011 | 0.021 | 0.00824 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 33 | 34 | 97 | 0.0006 | 0.09 | 0.0167 | 0.0206 | 0.0006 | 0.0006 | 0.0316 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 1.78 | 8.85 | 3.853 | 1.735 | -- | -- | 4.383 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | bap teq | mg/kg | 33 | 34 | 97 | 0.000616 | 0.187 | 0.0392 | 0.0456 | 0.00053 | 0.00053 | 0.072 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | benzene | µg/kg | 8 | 34 | 24 | 0.11 | 0.5 | 0.233 | 0.143 | 0.1 | 0.12 | 0.176 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 33 | 34 | 97 | 0.0011 | 0.16 | 0.0339 | 0.0383 | 0.0007 | 0.0007 | 0.0615 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 32 | 34 | 94 | 0.0008 | 0.15 | 0.0297 | 0.0349 | 0.0005 | 0.0005 | 0.0538 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 32 | 34 | 94 | 0.0007 | 0.068 | 0.0178 | 0.0185 | 0.0004 | 0.0004 | 0.0305 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 19 | 34 | 56 | 0.0012 | 0.041 | 0.0111 | 0.0108 | 0.0011 | 0.023 | 0.0102 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 panama ave | lte10ft | cadmium | mg/kg | 8 | 34 | 24 | 0.0887 | 0.147 | 0.114 | 0.0241 | 0.0883 | 0.0883 | 0.102 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 34 | 18 | 0.25 | 0.36 | 0.293 | 0.0418 | 0.22 | 0.22 | 0.281 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte10ft | chrysene | mg/kg | 33 | 34 | 97 | 0.0017 | 0.42 | 0.0991 | 0.12 | 0.0012 | 0.0012 | 0.185 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 5.49 | 9.76 | 6.884 | 0.869 | -- | -- | 7.136 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte10ft | copper | mg/kg | 34 | 34 | 100 | 5.96 | 14.7 | 8.921 | 1.801 | -- | -- | 9.444 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 24 | 34 | 71 | 0.0007 | 0.03 | 0.00879 | 0.00853 | 0.0007 | 0.013 | 0.0126 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 28 | 34 | 82 | 0.001 | 0.048 | 0.0143 | 0.0136 | 0.0009 | 0.0035 | 0.022 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 panama ave | lte10ft | lead | mg/kg | 34 | 34 | 100 | 3.84 | 52.4 | 8.81 | 8.157 | -- | -- | 11.37 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 panama ave | lte10ft | naphthalene | mg/kg | 30 | 34 | 88 | 0.0009 | 0.12 | 0.0242 | 0.0284 | 0.00025 | 0.00027 | 0.0422 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | pyrene | mg/kg | 33 | 34 | 97 | 0.0009 | 0.6 | 0.0806 | 0.132 | 0.0008 | 0.0008 | 0.176 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 panama ave | lte10ft | toluene | µg/kg | 8 | 34 | 24 | 0.11 | 0.29 | 0.185 | 0.0581 | 0.11 | 0.13 | 0.168 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 panama ave | lte10ft | tph as diesel | mg/kg | 28 | 34 | 82 | 5 | 990 | 183.8 | 273.7 | 4.8 | 4.8 | 345 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24729 panama ave | lte10ft | tph as gasoline | mg/kg | 21 | 34 | 62 | 0.045 | 0.12 | 0.0688 | 0.0183 | 0.045 | 0.053 | 0.0665 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | tph as motor oil | mg/kg | 28 | 34 | 82 | 14 | 1900 | 451.8 | 581.2 | 7 | 7 | 788.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 panama ave | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 16.8 | 40.1 | 25.38 | 6.751 | -- | -- | 27.37 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 panama ave | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 18.7 | 73.7 | 27.26 | 9.131 | -- | -- | 30.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 5 | 8 | 63 | 0.0012 | 0.0056 | 0.00306 | 0.00161 | 0.0006 | 0.0006 | 0.00361 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte02ft | arsenic | mg/kg | 8 | 8 | 100 | 1.53 | 6.51 | 3.775 | 1.787 | -- | -- | 4.972 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte02ft | benzene | µg/kg | 7 | 8 | 88 | 0.11 | 0.36 | 0.193 | 0.0914 | 0.12 | 0.12 | 0.243 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte02ft | cobalt | mg/kg | 8 | 8 | 100 | 5.31 | 7.39 | 6.273 | 0.591 | -- | -- | 6.668 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte02ft | copper | mg/kg | 8 | 8 | 100 | 6.55 | 23.5 | 10.56 | 5.42 | -- | -- | 14.57 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24729 ravenna ave | lte02ft | lead | mg/kg | 8 | 8 | 100 | 3.1 | 35 | 9.494 | 10.56 | -- | -- | 20.58 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24729 ravenna ave | lte02ft | pyrene | mg/kg | 5 | 8 | 63 | 0.0023 | 0.017 | 0.00952 | 0.00599 | 0.0008 | 0.0008 | 0.012 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte02ft | vanadium | mg/kg | 8 | 8 | 100 | 15.8 | 32.5 | 22.45 | 5.621 | -- | -- | 26.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte02ft | zinc | mg/kg | 8 | 8 | 100 | 19.9 | 106 | 40.81 | 27.26 | -- | -- | 61.09 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0012 | 0.0056 | 0.00282 | 0.00156 | 0.0006 | 0.0006 | 0.00304 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte05ft | arsenic | mg/kg | 12 | 12 | 100 | 1.53 | 6.51 | 3.228 | 1.643 | -- | -- | 4.187 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 ravenna ave | lte05ft | benzene | µg/kg | 9 | 12 | 75 | 0.11 | 0.36 | 0.18 | 0.0835 | 0.11 | 0.12 | 0.204 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte05ft | cobalt | mg/kg | 12 | 12 | 100 | 5.31 | 7.39 | 6.158 | 0.528 | -- | -- | 6.432 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte05ft | copper | mg/kg | 12 | 12 | 100 | 5.41 | 23.5 | 9.242 | 4.781 | -- | -- | 11.64 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 ravenna ave | lte05ft | lead | mg/kg | 12 | 12 | 100 | 3.1 | 35 | 7.562 | 8.897 | -- | -- | 18.76 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 ravenna ave | lte05ft | naphthalene | mg/kg | 6 | 12 | 50 | 0.0011 | 0.039 | 0.0167 | 0.0153 | 0.00026 | 0.00029 | 0.018 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte05ft | pyrene | mg/kg | 6 | 12 | 50 | 0.0023 | 0.017 | 0.00855 | 0.00586 | 0.0008 | 0.0008 | 0.00901 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte05ft | vanadium | mg/kg | 12 | 12 | 100 | 15.8 | 32.5 | 20.98 | 5.03 | -- | -- | 23.7 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24729 ravenna ave | lte05ft | zinc | mg/kg | 12 | 12 | 100 | 19.9 | 106 | 35.06 | 23.36 | -- | -- | 48.13 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 7 | 16 | 44 | 0.0012 | 0.0078 | 0.00353 | 0.00236 | 0.0006 | 0.0006 | 0.00341 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte10ft | arsenic | mg/kg | 16 | 16 | 100 | 1.53 | 6.51 | 3.469 | 1.692 | -- | -- | 4.421 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24729 ravenna ave | lte10ft | benzene | µg/kg | 9 | 16 | 56 | 0.11 | 0.36 | 0.18 | 0.0835 | 0.1 | 0.12 | 0.184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte10ft | cobalt | mg/kg | 16 | 16 | 100 | 5.31 | 8.81 | 6.452 | 0.834 | -- | -- | 6.82 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 ravenna ave | lte10ft | copper | mg/kg | 16 | 16 | 100 | 5.41 | 23.5 | 8.791 | 4.258 | -- | -- | 10.5 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24729 ravenna ave | lte10ft | lead | mg/kg | 16 | 16 | 100 | 3.1 | 35 | 6.808 | 7.745 | -- | -- | 15.25 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24729 ravenna ave | lte10ft | naphthalene | mg/kg | 8 | 16 | 50 | 0.0011 | 0.17 | 0.0341 | 0.0566 | 0.00025 | 0.00029 | 0.0368 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 ravenna ave | lte10ft | pyrene | mg/kg | 7 | 16 | 44 | 0.0023 | 0.017 | 0.00856 | 0.00535 | 0.0008 | 0.0008 | 0.0086 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte10ft | toluene | µg/kg | 5 | 16 | 31 | 0.14 | 1.4 | 0.466 | 0.529 | 0.12 | 0.14 | 0.391 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24729 ravenna ave | lte10ft | vanadium | mg/kg | 16 | 16 | 100 | 15.8 | 36.4 | 22.74 | 6.036 | -- | -- | 25.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24729 ravenna ave | lte10ft | zinc | mg/kg | 16 | 16 | 100 | 19.9 | 106 | 33.39 | 20.38 | -- | -- | 43.04 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 0.66 | 6.84 | 5.119 | 1.938 | -- | -- | 6.84 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | gt05lte10ft | chromium, hexavalent | mg/kg | 5 | 8 | 63 | 0.23 | 0.45 | 0.336 | 0.0942 | 0.22 | 0.22 | 0.37 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 1.24 | 9.58 | 4.588 | 2.397 | -- | -- | 6.193 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 1.22 | 16.8 | 6.68 | 4.737 | -- | -- | 9.853 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 1.22 | 24.4 | 5.254 | 7.806 | -- | -- | 15.16 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | gt05lte10ft | pyrene | mg/kg | 5 | 8 | 63 | 0.0014 | 0.0057 | 0.00306 | 0.00165 | 0.0008 | 0.0008 | 0.0036 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | gt05lte10ft | toluene | µg/kg | 6 | 8 | 75 | 0.2 | 0.49 | 0.283 | 0.107 | 0.13 | 0.16 | 0.326 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 4.74 | 36.5 | 18.46 | 9.567 | -- | -- | 24.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 7.85 | 52.9 | 22.78 | 13.31 | -- | -- | 33.94 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 19 | 26 | 0.11 | 0.6 | 0.27 | 0.201 | 0.091 | 0.13 | 0.262 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 6 | 19 | 32 | 0.0008 | 0.01 | 0.00393 | 0.00375 | 0.0006 | 0.012 | 0.00432 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte02ft | arsenic | mg/kg | 19 | 19 | 100 | 2.57 | 9.03 | 4.95 | 1.967 | -- | -- | 5.732 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte02ft | bap teq | mg/kg | 15 | 19 | 79 | 0.000728 | 0.0352 | 0.0144 | 0.0129 | 0.00053 | 0.0103 | 0.0244 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte02ft | benzene | µg/kg | 7 | 19 | 37 | 0.12 | 0.32 | 0.229 | 0.0628 | 0.1 | 0.13 | 0.234 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 19 | 63 | 0.0016 | 0.034 | 0.0133 | 0.0116 | 0.0007 | 0.013 | 0.0136 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 19 | 63 | 0.0006 | 0.027 | 0.0121 | 0.0104 | 0.0005 | 0.0099 | 0.0128 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 19 | 47 | 0.0007 | 0.016 | 0.00849 | 0.00654 | 0.0004 | 0.007 | 0.00697 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte02ft | chromium, hexavalent | mg/kg | 8 | 19 | 42 | 0.22 | 0.42 | 0.338 | 0.0713 | 0.22 | 0.22 | 0.335 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte02ft | chrysene | mg/kg | 14 | 19 | 74 | 0.0037 | 0.07 | 0.0324 | 0.0252 | 0.0012 | 0.024 | 0.035 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte02ft | cobalt | mg/kg | 19 | 19 | 100 | 6.14 | 12.4 | 8.467 | 2.137 | -- | -- | 9.325 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte02ft | copper | mg/kg | 19 | 19 | 100 | 6.34 | 24.9 | 12.62 | 6.025 | -- | -- | 15.38 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 marbella ave | lte02ft | lead | mg/kg | 19 | 19 | 100 | 3.65 | 27.3 | 8.304 | 5.538 | -- | -- | 10.55 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte02ft | pyrene | mg/kg | 15 | 19 | 79 | 0.0013 | 0.032 | 0.0163 | 0.0122 | 0.0008 | 0.016 | 0.0257 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte02ft | toluene | µg/kg | 14 | 19 | 74 | 0.13 | 0.96 | 0.371 | 0.273 | 0.12 | 0.14 | 0.411 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte02ft | tph as diesel | mg/kg | 12 | 19 | 63 | 21 | 720 | 176.9 | 195 | 4.8 | 4.8 | 206.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24732 marbella ave | lte02ft | tph as motor oil | mg/kg | 12 | 19 | 63 | 58 | 3200 | 706.5 | 871.8 | 7 | 7 | 811.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte02ft | vanadium | mg/kg | 19 | 19 | 100 | 20.7 | 43.7 | 30.01 | 8.069 | -- | -- | 33.49 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte02ft | xylenes, total | µg/kg | 9 | 19 | 47 | 0.19 | 2.5 | 0.539 | 0.751 | 0.16 | 0.22 | 0.587 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte02ft | zinc | mg/kg | 19 | 19 | 100 | 21.9 | 63.3 | 35.66 | 13.54 | -- | -- | 41.57 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 marbella ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 29 | 31 | 0.11 | 0.94 | 0.394 | 0.3 | 0.089 | 0.13 | 0.282 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 8 | 29 | 28 | 0.0008 | 9.8 | 1.229 | 3.463 | 0.0006 | 0.012 | 1.887 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte05ft | arsenic | mg/kg | 29 | 29 | 100 | 2.57 | 9.03 | 5.239 | 1.671 | -- | -- | 5.767 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte05ft | bap teq | mg/kg | 23 | 29 | 79 | 0.000537 | 0.406 | 0.039 | 0.0957 | 0.00053 | 0.0103 | 0.101 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte05ft | benzene | µg/kg | 7 | 29 | 24 | 0.12 | 0.32 | 0.229 | 0.0628 | 0.1 | 0.15 | 0.231 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 17 | 29 | 59 | 0.0016 | 0.6 | 0.0575 | 0.148 | 0.0007 | 0.013 | 0.129 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 29 | 66 | 0.0006 | 0.33 | 0.0367 | 0.0851 | 0.0005 | 0.0099 | 0.0819 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 29 | 48 | 0.0007 | 0.016 | 0.00591 | 0.00627 | 0.0004 | 0.028 | 0.00509 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 15 | 29 | 52 | 0.22 | 0.61 | 0.357 | 0.107 | 0.22 | 0.22 | 0.33 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte05ft | chrysene | mg/kg | 22 | 29 | 76 | 0.0013 | 1.1 | 0.111 | 0.283 | 0.0012 | 0.024 | 0.288 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte05ft | cobalt | mg/kg | 29 | 29 | 100 | 2.94 | 12.4 | 8.058 | 2.263 | -- | -- | 8.773 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte05ft | copper | mg/kg | 29 | 29 | 100 | 3.86 | 24.9 | 11.47 | 5.32 | -- | -- | 13.27 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte05ft | ethylbenzene | µg/kg | 6 | 29 | 21 | 0.14 | 0.79 | 0.432 | 0.284 | 0.12 | 0.18 | 0.34 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte05ft | lead | mg/kg | 29 | 29 | 100 | 1.84 | 27.3 | 7.211 | 4.765 | -- | -- | 8.616 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte05ft | naphthalene | mg/kg | 5 | 29 | 17 | 0.0004 | 2.2 | 0.443 | 0.982 | 0.00025 | 0.00037 | 0.44 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte05ft | pyrene | mg/kg | 25 | 29 | 86 | 0.0008 | 3.3 | 0.231 | 0.775 | 0.0008 | 0.016 | 0.785 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte05ft | toluene | µg/kg | 22 | 29 | 76 | 0.13 | 0.96 | 0.312 | 0.232 | 0.12 | 0.14 | 0.345 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte05ft | tph as diesel | mg/kg | 16 | 29 | 55 | 4.9 | 10000 | 1159 | 2817 | 4.8 | 4.8 | 2402 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte05ft | tph as motor oil | mg/kg | 16 | 29 | 55 | 58 | 14000 | 2240 | 4466 | 7 | 7 | 4096 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte05ft | vanadium | mg/kg | 29 | 29 | 100 | 13 | 43.7 | 30.55 | 7.696 | -- | -- | 32.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte05ft | xylenes, total | µg/kg | 13 | 29 | 45 | 0.19 | 2.5 | 0.56 | 0.623 | 0.15 | 0.23 | 0.501 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 marbella ave | lte05ft | zinc | mg/kg | 29 | 29 | 100 | 14.5 | 63.3 | 33.7 | 11.78 | -- | -- | 37.62 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 37 | 30 | 0.11 | 1.4 | 0.473 | 0.41 | 0.089 | 0.13 | 0.297 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 37 | 14 | 0.11 | 0.2 | 0.132 | 0.039 | 0.076 | 0.11 | 0.118 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 10 | 37 | 27 | 0.0007 | 9.8 | 0.983 | 3.098 | 0.0006 | 0.012 | 1.467 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte10ft | arsenic | mg/kg | 37 | 37 | 100 | 0.66 | 9.03 | 5.213 | 1.704 | -- | -- | 5.686 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte10ft | bap teq | mg/kg | 27 | 37 | 73 | 0.000537 | 0.406 | 0.0336 | 0.089 | 0.00053 | 0.0103 | 0.0802 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte10ft | benzene | µg/kg | 11 | 37 | 30 | 0.12 | 2.1 | 0.525 | 0.579 | 0.1 | 0.15 | 0.382 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 21 | 37 | 57 | 0.0009 | 0.6 | 0.0469 | 0.134 | 0.0007 | 0.013 | 0.102 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 37 | 62 | 0.0006 | 0.33 | 0.0307 | 0.0781 | 0.0005 | 0.0099 | 0.0648 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 18 | 37 | 49 | 0.0006 | 0.016 | 0.00486 | 0.00585 | 0.0004 | 0.028 | 0.00413 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 37 | 14 | 0.0013 | 0.015 | 0.00454 | 0.00587 | 0.0011 | 0.09 | 0.00324 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 20 | 37 | 54 | 0.22 | 0.61 | 0.352 | 0.102 | 0.22 | 0.22 | 0.319 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte10ft | chrysene | mg/kg | 26 | 37 | 70 | 0.0013 | 1.1 | 0.0944 | 0.263 | 0.0012 | 0.024 | 0.228 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte10ft | cobalt | mg/kg | 37 | 37 | 100 | 1.24 | 12.4 | 7.308 | 2.683 | -- | -- | 8.053 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte10ft | copper | mg/kg | 37 | 37 | 100 | 1.22 | 24.9 | 10.43 | 5.511 | -- | -- | 12.21 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte10ft | ethylbenzene | µg/kg | 10 | 37 | 27 | 0.14 | 1.4 | 0.461 | 0.406 | 0.12 | 0.18 | 0.299 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 37 | 14 | 0.001 | 0.0036 | 0.00222 | 0.00121 | 0.0009 | 0.069 | 0.0023 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte10ft | lead | mg/kg | 37 | 37 | 100 | 1.22 | 27.3 | 6.788 | 5.494 | -- | -- | 8.265 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte10ft | naphthalene | mg/kg | 7 | 37 | 19 | 0.0004 | 2.2 | 0.32 | 0.829 | 0.00025 | 0.00037 | 0.337 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte10ft | pyrene | mg/kg | 30 | 37 | 81 | 0.0008 | 3.3 | 0.193 | 0.71 | 0.0008 | 0.016 | 0.618 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte10ft | toluene | µg/kg | 28 | 37 | 76 | 0.13 | 0.96 | 0.306 | 0.21 | 0.12 | 0.16 | 0.334 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 marbella ave | lte10ft | tph as diesel | mg/kg | 16 | 37 | 43 | 4.9 | 10000 | 1159 | 2817 | 4.8 | 4.8 | 1897 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte10ft | tph as gasoline | mg/kg | 6 | 37 | 16 | 0.2 | 74 | 13.22 | 29.79 | 0.045 | 0.067 | 11.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte10ft | tph as motor oil | mg/kg | 16 | 37 | 43 | 58 | 14000 | 2240 | 4466 | 7 | 7 | 3253 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 marbella ave | lte10ft | vanadium | mg/kg | 37 | 37 | 100 | 4.74 | 43.7 | 27.94 | 9.453 | -- | -- | 30.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 marbella ave | lte10ft | xylenes, total | µg/kg | 15 | 37 | 41 | 0.19 | 2.5 | 0.573 | 0.579 | 0.15 | 0.23 | 0.461 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 marbella ave | lte10ft | zinc | mg/kg | 37 | 37 | 100 | 7.85 | 63.3 | 31.34 | 12.77 | -- | -- | 34.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 1.6 | 4.68 | 4.021 | 1.018 | -- | -- | 4.68 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.17 | 7.12 | 6.17 | 0.725 | -- | -- | 6.656 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 6.45 | 9.56 | 8.535 | 1.081 | -- | -- | 9.259 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 1.71 | 3.36 | 2.414 | 0.561 | -- | -- | 2.789 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | gt05lte10ft | pyrene | mg/kg | 5 | 8 | 63 | 0.0043 | 5 | 1.211 | 2.14 | 0.0008 | 0.0008 | 2.007 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 22.4 | 32.7 | 26.78 | 3.536 | -- | -- | 29.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 23.5 | 31.7 | 28.29 | 2.819 | -- | -- | 30.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24732 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 18 | 83 | 0.0007 | 0.077 | 0.0306 | 0.0243 | 0.0006 | 0.0006 | 0.0359 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.12 | 3.27 | 2.037 | 0.747 | -- | -- | 2.343 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | bap teq | mg/kg | 15 | 18 | 83 | 0.000688 | 0.213 | 0.0751 | 0.0646 | 0.00053 | 0.00053 | 0.0898 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | benzene | µg/kg | 13 | 18 | 72 | 0.12 | 1.9 | 0.44 | 0.534 | 0.099 | 0.12 | 0.54 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 18 | 83 | 0.0011 | 0.3 | 0.0798 | 0.0855 | 0.0007 | 0.0007 | 0.153 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 18 | 72 | 0.001 | 0.16 | 0.0676 | 0.0524 | 0.0005 | 0.0099 | 0.0714 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 6 | 18 | 33 | 0.0009 | 0.082 | 0.0295 | 0.0333 | 0.0004 | 0.014 | 0.0242 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | cadmium | mg/kg | 8 | 18 | 44 | 0.0919 | 0.302 | 0.164 | 0.0812 | 0.0883 | 0.0883 | 0.156 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 neptune ave | lte02ft | chrysene | mg/kg | 15 | 18 | 83 | 0.0019 | 0.79 | 0.232 | 0.233 | 0.0012 | 0.0012 | 0.431 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5.5 | 8.85 | 6.766 | 0.925 | -- | -- | 7.145 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 5.41 | 22.3 | 10.6 | 4.156 | -- | -- | 12.36 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 18 | 33 | 0.0018 | 0.055 | 0.0345 | 0.0179 | 0.0009 | 0.017 | 0.0409 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 1.82 | 26.4 | 8.806 | 6.798 | -- | -- | 12.29 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte02ft | naphthalene | mg/kg | 8 | 18 | 44 | 0.00042 | 0.028 | 0.0104 | 0.0123 | 0.00024 | 0.00037 | 0.00882 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte02ft | pyrene | mg/kg | 17 | 18 | 94 | 0.001 | 0.58 | 0.175 | 0.208 | 0.0008 | 0.0008 | 0.377 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte02ft | toluene | µg/kg | 9 | 18 | 50 | 0.16 | 0.47 | 0.283 | 0.103 | 0.12 | 0.14 | 0.277 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | tph as diesel | mg/kg | 12 | 18 | 67 | 11 | 1200 | 595.1 | 399.2 | 4.8 | 4.8 | 593.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | tph as gasoline | mg/kg | 12 | 18 | 67 | 0.057 | 0.51 | 0.169 | 0.152 | 0.05 | 0.07 | 0.191 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 neptune ave | lte02ft | tph as motor oil | mg/kg | 13 | 18 | 72 | 14 | 3000 | 1441 | 972.4 | 7 | 7 | 1479 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 15.7 | 28.3 | 21.66 | 3.702 | -- | -- | 23.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 20.4 | 93.4 | 35.61 | 18.97 | -- | -- | 43.74 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 27 | 19 | 0.19 | 55000 | 15644 | 24137 | 0.086 | 0.13 | 6971 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 8 | 27 | 30 | 0.0034 | 53 | 11.31 | 19.03 | 0.0011 | 0.043 | 7.205 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 27 | 78 | 0.0007 | 65 | 6.027 | 16.53 | 0.0006 | 0.0006 | 17.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 1.12 | 3.27 | 2.213 | 0.715 | -- | -- | 2.447 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte05ft | bap teq | mg/kg | 20 | 27 | 74 | 0.000688 | 1.852 | 0.179 | 0.407 | 0.00053 | 0.208 | 0.436 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte05ft | benzene | µg/kg | 19 | 27 | 70 | 0.11 | 20000 | 1445 | 4770 | 0.099 | 0.12 | 4421 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 27 | 70 | 0.0011 | 2.1 | 0.191 | 0.473 | 0.0007 | 0.52 | 0.48 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 27 | 63 | 0.0008 | 1.2 | 0.13 | 0.281 | 0.0005 | 0.39 | 0.172 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 6 | 27 | 22 | 0.0009 | 0.082 | 0.0295 | 0.0333 | 0.0004 | 0.56 | 0.0177 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte05ft | cadmium | mg/kg | 8 | 27 | 30 | 0.0919 | 0.302 | 0.164 | 0.0812 | 0.0883 | 0.0883 | 0.141 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 neptune ave | lte05ft | chrysene | mg/kg | 20 | 27 | 74 | 0.0019 | 6.7 | 0.642 | 1.498 | 0.0012 | 0.45 | 1.586 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 5.5 | 11.3 | 7.44 | 1.491 | -- | -- | 7.929 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 5.41 | 22.3 | 9.984 | 3.558 | -- | -- | 11.2 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24732 neptune ave | lte05ft | ethylbenzene | µg/kg | 5 | 27 | 19 | 0.14 | 23000 | 6580 | 9541 | 0.11 | 0.18 | 5222 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 27 | 22 | 0.0018 | 0.055 | 0.0345 | 0.0179 | 0.0009 | 1.4 | 0.0401 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 1.82 | 26.4 | 7.041 | 6.081 | -- | -- | 9.522 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24732 neptune ave | lte05ft | naphthalene | mg/kg | 12 | 27 | 44 | 0.00042 | 24 | 5.315 | 9.309 | 0.00024 | 0.00037 | 8.06 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte05ft | pyrene | mg/kg | 23 | 27 | 85 | 0.001 | 21 | 1.392 | 4.444 | 0.0008 | 0.0008 | 4.653 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 neptune ave | lte05ft | toluene | µg/kg | 13 | 27 | 48 | 0.16 | 25000 | 3311 | 8198 | 0.11 | 0.14 | 6580 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte05ft | tph as diesel | mg/kg | 17 | 27 | 63 | 11 | 18000 | 2875 | 5205 | 4.8 | 4.8 | 5480 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 neptune ave | lte05ft | tph as gasoline | mg/kg | 19 | 27 | 70 | 0.047 | 3600 | 263.4 | 869.3 | 0.044 | 0.07 | 805.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte05ft | tph as motor oil | mg/kg | 19 | 27 | 70 | 10 | 21000 | 3442 | 5351 | 7 | 7 | 6425 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 15.7 | 35.5 | 24.02 | 5.293 | -- | -- | 25.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte05ft | xylenes, total | µg/kg | 8 | 27 | 30 | 0.21 | 140000 | 22429 | 49421 | 0.15 | 0.23 | 31010 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 20.4 | 93.4 | 32.91 | 15.91 | -- | -- | 38.4 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 35 | 23 | 0.19 | 55000 | 16653 | 20489 | 0.086 | 0.13 | 8033 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 35 | 17 | 73 | 21000 | 7737 | 8058 | 0.073 | 0.11 | 6723 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 11 | 35 | 31 | 0.0034 | 53 | 13.46 | 18.07 | 0.0011 | 0.043 | 7.68 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 35 | 71 | 0.0007 | 65 | 8.863 | 19.11 | 0.0006 | 0.0006 | 18.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte10ft | arsenic | mg/kg | 35 | 35 | 100 | 1.12 | 4.68 | 2.626 | 1.095 | -- | -- | 2.975 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte10ft | bap teq | mg/kg | 23 | 35 | 66 | 0.000541 | 1.852 | 0.179 | 0.388 | 0.00053 | 0.208 | 0.225 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte10ft | benzene | µg/kg | 22 | 35 | 63 | 0.11 | 20000 | 2243 | 5451 | 0.099 | 0.12 | 4697 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 20 | 35 | 57 | 0.0007 | 2.1 | 0.182 | 0.462 | 0.0007 | 0.65 | 0.237 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 18 | 35 | 51 | 0.0008 | 1.2 | 0.123 | 0.274 | 0.0005 | 0.49 | 0.141 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 35 | 17 | 0.0009 | 0.082 | 0.0295 | 0.0333 | 0.0004 | 0.56 | 0.0174 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte10ft | cadmium | mg/kg | 8 | 35 | 23 | 0.0919 | 0.302 | 0.164 | 0.0812 | 0.0883 | 0.0883 | 0.136 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 neptune ave | lte10ft | chrysene | mg/kg | 23 | 35 | 66 | 0.0017 | 6.7 | 0.615 | 1.412 | 0.0012 | 0.45 | 0.784 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte10ft | cobalt | mg/kg | 35 | 35 | 100 | 5.17 | 11.3 | 7.15 | 1.45 | -- | -- | 7.564 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24732 neptune ave | lte10ft | copper | mg/kg | 35 | 35 | 100 | 5.41 | 22.3 | 9.653 | 3.21 | -- | -- | 10.61 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte10ft | ethylbenzene | µg/kg | 8 | 35 | 23 | 0.14 | 23000 | 7213 | 8077 | 0.11 | 0.18 | 4314 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 35 | 17 | 0.0018 | 0.055 | 0.0345 | 0.0179 | 0.0009 | 1.4 | 0.0402 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte10ft | lead | mg/kg | 35 | 35 | 100 | 1.71 | 26.4 | 5.983 | 5.677 | -- | -- | 10.17 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte10ft | naphthalene | mg/kg | 16 | 35 | 46 | 0.00042 | 24 | 6.143 | 8.629 | 0.00024 | 0.00037 | 7.697 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte10ft | pyrene | mg/kg | 28 | 35 | 80 | 0.001 | 21 | 1.36 | 4.096 | 0.0008 | 0.0008 | 3.818 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 neptune ave | lte10ft | toluene | µg/kg | 16 | 35 | 46 | 0.16 | 50000 | 5918 | 13882 | 0.11 | 0.14 | 9975 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte10ft | tph as diesel | mg/kg | 20 | 35 | 57 | 11 | 31000 | 4744 | 7958 | 4.8 | 4.8 | 4977 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 neptune ave | lte10ft | tph as gasoline | mg/kg | 22 | 35 | 63 | 0.047 | 3600 | 477 | 1087 | 0.044 | 0.07 | 957.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 neptune ave | lte10ft | tph as motor oil | mg/kg | 23 | 35 | 66 | 9.6 | 40000 | 5239 | 9117 | 7 | 7 | 6028 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte10ft | vanadium | mg/kg | 35 | 35 | 100 | 15.7 | 35.5 | 24.65 | 5.037 | -- | -- | 26.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 neptune ave | lte10ft | xylenes, total | µg/kg | 11 | 35 | 31 | 0.21 | 140000 | 27085 | 48285 | 0.15 | 0.23 | 17119 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 neptune ave | lte10ft | zinc | mg/kg | 35 | 35 | 100 | 20.4 | 93.4 | 31.86 | 14.11 | -- | -- | 36.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 3.82 | 6 | 4.84 | 0.914 | -- | -- | 5.452 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 7.35 | 9.13 | 8.315 | 0.597 | -- | -- | 8.715 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 8.09 | 11.1 | 9.433 | 1.286 | -- | -- | 10.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.13 | 5.6 | 5 | 0.465 | -- | -- | 5.311 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | gt05lte10ft | naphthalene | mg/kg | 6 | 8 | 75 | 0.0007 | 0.061 | 0.0123 | 0.0239 | 0.00025 | 0.00026 | 0.0425 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | gt05lte10ft | pyrene | mg/kg | 6 | 8 | 75 | 0.0009 | 0.0057 | 0.00223 | 0.00174 | 0.0008 | 0.0008 | 0.003 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 24.7 | 39 | 31.99 | 4.421 | -- | -- | 34.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 26 | 36.7 | 32.13 | 3.512 | -- | -- | 34.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 16 | 94 | 0.0069 | 0.072 | 0.0257 | 0.015 | 0.012 | 0.012 | 0.0314 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte02ft | antimony | mg/kg | 6 | 16 | 38 | 0.228 | 0.66 | 0.35 | 0.166 | 0.219 | 0.306 | 0.341 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.58 | 5.29 | 3.678 | 0.789 | -- | -- | 4.023 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.024 | 0.498 | 0.103 | 0.124 | -- | -- | 0.17 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24732 panama ave | lte02ft | benzene | µg/kg | 9 | 16 | 56 | 0.14 | 0.47 | 0.236 | 0.109 | 0.1 | 0.14 | 0.236 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.024 | 0.44 | 0.108 | 0.126 | -- | -- | 0.168 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.016 | 0.35 | 0.0654 | 0.0818 | -- | -- | 0.101 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 16 | 81 | 0.012 | 0.33 | 0.0485 | 0.0856 | 0.0028 | 0.024 | 0.127 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 panama ave | lte02ft | cadmium | mg/kg | 5 | 16 | 31 | 0.0975 | 1.16 | 0.632 | 0.454 | 0.0883 | 0.0883 | 0.684 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.056 | 1.2 | 0.271 | 0.287 | -- | -- | 0.404 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.69 | 8.13 | 6.916 | 0.701 | -- | -- | 7.223 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.68 | 29.9 | 12.8 | 5.966 | -- | -- | 15.41 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 16 | 44 | 0.0035 | 0.061 | 0.0263 | 0.0222 | 0.0024 | 0.024 | 0.0239 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 16 | 56 | 0.0058 | 0.19 | 0.0379 | 0.0586 | 0.0024 | 0.024 | 0.048 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.94 | 48.6 | 13.23 | 11.46 | -- | -- | 18.51 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 panama ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.023 | 1 | 0.206 | 0.305 | -- | -- | 0.538 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 panama ave | lte02ft | toluene | µg/kg | 5 | 16 | 31 | 0.16 | 0.37 | 0.232 | 0.0909 | 0.11 | 0.15 | 0.222 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 13 | 1700 | 284.1 | 414.9 | -- | -- | 481.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 38 | 4200 | 827.4 | 1008 | -- | -- | 1344 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 20.4 | 31.1 | 24.54 | 2.688 | -- | -- | 25.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 24.6 | 148 | 42.22 | 30.44 | -- | -- | 56.56 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 25 | 28 | 0.0018 | 0.027 | 0.00964 | 0.0106 | 0.0011 | 0.086 | 0.00806 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 23 | 25 | 92 | 0.0006 | 0.11 | 0.0231 | 0.0245 | 0.0006 | 0.012 | 0.0426 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte05ft | antimony | mg/kg | 6 | 25 | 24 | 0.228 | 0.66 | 0.35 | 0.166 | 0.219 | 0.306 | 0.317 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 1.34 | 5.29 | 3.231 | 1.22 | -- | -- | 3.649 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte05ft | bap teq | mg/kg | 23 | 25 | 92 | 0.00106 | 0.498 | 0.088 | 0.118 | 0.00053 | 0.00053 | 0.182 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte05ft | benzene | µg/kg | 10 | 25 | 40 | 0.14 | 0.47 | 0.252 | 0.115 | 0.1 | 0.14 | 0.223 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 22 | 25 | 88 | 0.0021 | 0.48 | 0.103 | 0.142 | 0.0007 | 0.0007 | 0.211 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 22 | 25 | 88 | 0.0017 | 0.35 | 0.0578 | 0.0793 | 0.0005 | 0.0005 | 0.118 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 25 | 72 | 0.0016 | 0.33 | 0.0437 | 0.0772 | 0.0004 | 0.024 | 0.0918 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 panama ave | lte05ft | cadmium | mg/kg | 5 | 25 | 20 | 0.0975 | 1.16 | 0.632 | 0.454 | 0.0883 | 0.0883 | 0.686 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 25 | 20 | 0.22 | 0.38 | 0.27 | 0.0656 | 0.0482 | 0.22 | 0.256 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte05ft | chrysene | mg/kg | 23 | 25 | 92 | 0.0014 | 1.2 | 0.242 | 0.305 | 0.0012 | 0.0012 | 0.485 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 4.88 | 8.13 | 6.574 | 1.003 | -- | -- | 6.917 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 4.86 | 29.9 | 10.67 | 5.622 | -- | -- | 12.53 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 25 | 36 | 0.0035 | 0.061 | 0.0263 | 0.0219 | 0.0007 | 0.024 | 0.019 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 25 | 48 | 0.0013 | 0.19 | 0.0336 | 0.0523 | 0.0009 | 0.024 | 0.0308 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 2.63 | 48.6 | 9.936 | 10.17 | -- | -- | 13.57 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24732 panama ave | lte05ft | naphthalene | mg/kg | 9 | 25 | 36 | 0.0022 | 0.041 | 0.0154 | 0.0132 | 0.00026 | 0.00034 | 0.0122 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte05ft | pyrene | mg/kg | 23 | 25 | 92 | 0.0024 | 1.2 | 0.2 | 0.344 | 0.0008 | 0.0008 | 0.475 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 panama ave | lte05ft | toluene | µg/kg | 6 | 25 | 24 | 0.13 | 0.37 | 0.215 | 0.0914 | 0.11 | 0.15 | 0.191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte05ft | tph as diesel | mg/kg | 19 | 25 | 76 | 5 | 1700 | 284.3 | 400.4 | 4.8 | 4.8 | 539.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte05ft | tph as motor oil | mg/kg | 18 | 25 | 72 | 38 | 4200 | 806 | 957.4 | 7 | 7 | 901.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 14.9 | 34.9 | 23.11 | 4.872 | -- | -- | 24.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 16.5 | 148 | 34.9 | 26.19 | -- | -- | 44.5 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 panama ave | lte10ft | 1,1,2,2-tetrachloroethane | µg/kg | 5 | 33 | 15 | 0.1 | 0.26 | 0.136 | 0.0695 | 0.1 | 0.1 | 0.114 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 8 | 33 | 24 | 0.0018 | 0.027 | 0.00946 | 0.00983 | 0.0011 | 0.086 | 0.00613 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 26 | 33 | 79 | 0.0006 | 0.11 | 0.0212 | 0.0238 | 0.0006 | 0.012 | 0.0342 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte10ft | antimony | mg/kg | 6 | 33 | 18 | 0.228 | 0.66 | 0.35 | 0.166 | 0.219 | 0.306 | 0.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte10ft | arsenic | mg/kg | 33 | 33 | 100 | 1.34 | 6 | 3.621 | 1.338 | -- | -- | 4.016 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte10ft | bap teq | mg/kg | 27 | 33 | 82 | 0.000617 | 0.498 | 0.0752 | 0.113 | 0.00053 | 0.00053 | 0.142 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte10ft | benzene | µg/kg | 10 | 33 | 30 | 0.14 | 0.47 | 0.252 | 0.115 | 0.1 | 0.14 | 0.208 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 26 | 33 | 79 | 0.001 | 0.48 | 0.0878 | 0.135 | 0.0007 | 0.0007 | 0.164 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 24 | 33 | 73 | 0.0017 | 0.35 | 0.0531 | 0.0774 | 0.0005 | 0.0005 | 0.0922 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 33 | 61 | 0.0016 | 0.33 | 0.0395 | 0.0742 | 0.0004 | 0.024 | 0.0451 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 33 | 15 | 0.0011 | 0.26 | 0.0549 | 0.115 | 0.0011 | 0.024 | 0.047 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 panama ave | lte10ft | cadmium | mg/kg | 5 | 33 | 15 | 0.0975 | 1.16 | 0.632 | 0.454 | 0.0883 | 0.0883 | 0.652 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte10ft | chromium, hexavalent | mg/kg | 8 | 33 | 24 | 0.22 | 0.38 | 0.264 | 0.055 | 0.0482 | 0.22 | 0.241 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 panama ave | lte10ft | chrysene | mg/kg | 27 | 33 | 82 | 0.0014 | 1.2 | 0.207 | 0.294 | 0.0012 | 0.0012 | 0.38 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 4.88 | 9.13 | 6.996 | 1.186 | -- | -- | 7.345 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte10ft | copper | mg/kg | 33 | 33 | 100 | 4.86 | 29.9 | 10.37 | 4.935 | -- | -- | 11.88 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24732 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 33 | 27 | 0.0035 | 0.061 | 0.0263 | 0.0219 | 0.0007 | 0.024 | 0.0156 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 33 | 39 | 0.0013 | 0.19 | 0.0311 | 0.0509 | 0.0009 | 0.024 | 0.0237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte10ft | lead | mg/kg | 33 | 33 | 100 | 2.63 | 48.6 | 8.739 | 9.064 | -- | -- | 15.62 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 panama ave | lte10ft | naphthalene | mg/kg | 15 | 33 | 45 | 0.0007 | 0.061 | 0.0142 | 0.0175 | 0.00025 | 0.00034 | 0.0109 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte10ft | pyrene | mg/kg | 29 | 33 | 88 | 0.0009 | 1.2 | 0.159 | 0.315 | 0.0008 | 0.0008 | 0.368 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 panama ave | lte10ft | toluene | µg/kg | 6 | 33 | 18 | 0.13 | 0.37 | 0.215 | 0.0914 | 0.11 | 0.15 | 0.186 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte10ft | tph as diesel | mg/kg | 20 | 33 | 61 | 5 | 1700 | 270.5 | 394.6 | 4.8 | 4.8 | 286 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte10ft | tph as motor oil | mg/kg | 19 | 33 | 58 | 23 | 4200 | 764.8 | 947.6 | 7 | 7 | 722.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 panama ave | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 14.9 | 39 | 25.26 | 6.082 | -- | -- | 27.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 panama ave | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 16.5 | 148 | 34.22 | 22.78 | -- | -- | 41.42 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 10 | 60 | 0.094 | 14 | 2.516 | 5.627 | 0.086 | 0.091 | 7.816 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 5 | 10 | 50 | 0.0033 | 0.01 | 0.00568 | 0.00257 | 0.0011 | 0.0011 | 0.00615 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 10 | 90 | 0.0006 | 0.01 | 0.00513 | 0.00399 | 0.0006 | 0.0006 | 0.00703 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 1.86 | 5.82 | 2.713 | 1.187 | -- | -- | 3.416 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | bap teq | mg/kg | 7 | 10 | 70 | 0.000577 | 0.00503 | 0.00285 | 0.00186 | 0.00053 | 0.00053 | 0.00332 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 10 | 60 | 0.0007 | 0.0071 | 0.00365 | 0.00245 | 0.0007 | 0.0007 | 0.00441 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 10 | 60 | 0.0006 | 0.0038 | 0.00235 | 0.00126 | 0.0005 | 0.0005 | 0.00284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | chrysene | mg/kg | 7 | 10 | 70 | 0.0013 | 0.015 | 0.00807 | 0.00543 | 0.0012 | 0.0012 | 0.00975 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.25 | 8.78 | 6.512 | 1.048 | -- | -- | 7.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.09 | 9.54 | 8.204 | 0.899 | -- | -- | 8.725 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 4.49 | 6.64 | 5.127 | 0.653 | -- | -- | 5.523 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 9 | 10 | 90 | 0.00058 | 0.012 | 0.00389 | 0.00369 | 0.00024 | 0.00024 | 0.00859 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | pyrene | mg/kg | 7 | 10 | 70 | 0.001 | 0.018 | 0.00589 | 0.00586 | 0.0008 | 0.0008 | 0.0076 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | toluene | µg/kg | 5 | 10 | 50 | 0.12 | 0.29 | 0.172 | 0.0698 | 0.11 | 0.13 | 0.184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 5 | 10 | 50 | 0.053 | 0.16 | 0.109 | 0.0467 | 0.046 | 0.05 | 0.124 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 24.2 | 32.1 | 27.49 | 2.333 | -- | -- | 28.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 5 | 10 | 50 | 0.17 | 1.2 | 0.436 | 0.437 | 0.15 | 0.17 | 0.502 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 25.3 | 34.3 | 29.56 | 2.721 | -- | -- | 31.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 20 | 75 | 0.14 | 0.51 | 0.292 | 0.125 | 0.095 | 0.1 | 0.306 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 20 | 40 | 0.0022 | 0.32 | 0.0507 | 0.11 | 0.0011 | 0.021 | 0.0511 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24732 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 19 | 20 | 95 | 0.0009 | 0.32 | 0.0327 | 0.0704 | 0.0048 | 0.0048 | 0.0984 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | arsenic | mg/kg | 17 | 20 | 85 | 0.476 | 3.57 | 1.759 | 0.831 | 0.398 | 0.398 | 1.915 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.000575 | 0.216 | 0.0448 | 0.053 | -- | -- | 0.0755 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte02ft | benzene | µg/kg | 16 | 20 | 80 | 0.13 | 0.44 | 0.211 | 0.081 | 0.11 | 0.13 | 0.23 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 20 | 20 | 100 | 0.0008 | 0.24 | 0.0451 | 0.0576 | -- | -- | 0.078 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 19 | 20 | 95 | 0.0012 | 0.16 | 0.0349 | 0.0397 | 0.0005 | 0.0005 | 0.0717 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24732 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 20 | 90 | 0.001 | 0.066 | 0.0198 | 0.0187 | 0.0004 | 0.0004 | 0.0361 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 20 | 35 | 0.0019 | 0.044 | 0.0205 | 0.017 | 0.0011 | 0.023 | 0.0196 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | chrysene | mg/kg | 19 | 20 | 95 | 0.002 | 0.56 | 0.117 | 0.146 | 0.0012 | 0.0012 | 0.252 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 5.29 | 7.68 | 6.296 | 0.76 | -- | -- | 6.589 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 6.51 | 17.4 | 8.706 | 2.203 | -- | -- | 9.621 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 20 | 70 | 0.0009 | 0.047 | 0.0161 | 0.0142 | 0.0009 | 0.017 | 0.0175 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 3.4 | 16 | 7.107 | 2.959 | -- | -- | 8.369 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte02ft | naphthalene | mg/kg | 15 | 20 | 75 | 0.00028 | 0.051 | 0.0117 | 0.0148 | 0.00027 | 0.00032 | 0.0223 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte02ft | pyrene | mg/kg | 19 | 20 | 95 | 0.0021 | 0.58 | 0.0738 | 0.129 | 0.0008 | 0.0008 | 0.193 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte02ft | toluene | µg/kg | 11 | 20 | 55 | 0.13 | 0.7 | 0.325 | 0.173 | 0.12 | 0.14 | 0.309 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | tph as diesel | mg/kg | 16 | 20 | 80 | 39 | 2600 | 451.9 | 709 | 4.8 | 4.8 | 1009 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | tph as gasoline | mg/kg | 5 | 20 | 25 | 0.068 | 1.9 | 0.599 | 0.791 | 0.05 | 0.06 | 0.435 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | tph as motor oil | mg/kg | 16 | 20 | 80 | 93 | 3600 | 945.8 | 1105 | 7 | 7 | 1798 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 15.6 | 30.1 | 21.81 | 4.46 | -- | -- | 23.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte02ft | xylenes, total | µg/kg | 8 | 20 | 40 | 0.19 | 0.66 | 0.271 | 0.158 | 0.15 | 0.19 | 0.269 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 19.3 | 53.6 | 28.53 | 7.5 | -- | -- | 31.39 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 24 | 32 | 75 | 0.096 | 1100 | 53.89 | 225.8 | 0.093 | 0.1 | 192.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 32 | 16 | 0.11 | 100 | 28.25 | 43.62 | 0.075 | 0.096 | 10.71 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 32 | 47 | 0.0019 | 1.4 | 0.152 | 0.358 | 0.0011 | 0.021 | 0.271 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 29 | 32 | 91 | 0.0009 | 1.3 | 0.0913 | 0.249 | 0.0006 | 0.0048 | 0.266 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte05ft | arsenic | mg/kg | 29 | 32 | 91 | 0.408 | 4.3 | 1.543 | 0.955 | 0.398 | 0.398 | 1.73 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | bap teq | mg/kg | 31 | 32 | 97 | 0.000537 | 0.273 | 0.0528 | 0.0778 | 0.00053 | 0.00053 | 0.111 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | benzene | µg/kg | 22 | 32 | 69 | 0.13 | 0.58 | 0.219 | 0.108 | 0.1 | 12 | 0.228 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 28 | 32 | 88 | 0.0008 | 0.32 | 0.0611 | 0.0884 | 0.0007 | 0.0007 | 0.119 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 27 | 32 | 84 | 0.0012 | 0.21 | 0.045 | 0.0602 | 0.0005 | 0.0005 | 0.0825 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 26 | 32 | 81 | 0.001 | 0.11 | 0.0255 | 0.0318 | 0.0004 | 0.0004 | 0.0442 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 32 | 31 | 0.0019 | 0.07 | 0.0312 | 0.0232 | 0.0011 | 0.023 | 0.0222 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte05ft | chrysene | mg/kg | 30 | 32 | 94 | 0.0013 | 0.84 | 0.152 | 0.242 | 0.0012 | 0.0012 | 0.325 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 5.18 | 8.83 | 6.424 | 0.899 | -- | -- | 6.693 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte05ft | copper | mg/kg | 32 | 32 | 100 | 5.19 | 17.4 | 8.164 | 2.097 | -- | -- | 8.822 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 32 | 25 | 0.0008 | 0.041 | 0.0136 | 0.0154 | 0.0007 | 0.027 | 0.00745 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 32 | 63 | 0.0009 | 0.059 | 0.0162 | 0.0173 | 0.0009 | 0.035 | 0.016 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | lead | mg/kg | 32 | 32 | 100 | 3.24 | 19.8 | 6.946 | 3.721 | -- | -- | 8.054 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | naphthalene | mg/kg | 24 | 32 | 75 | 0.00028 | 0.69 | 0.0484 | 0.143 | 0.00025 | 0.00032 | 0.133 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte05ft | pyrene | mg/kg | 30 | 32 | 94 | 0.0021 | 1.5 | 0.162 | 0.357 | 0.0008 | 0.0008 | 0.42 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte05ft | toluene | µg/kg | 16 | 32 | 50 | 0.12 | 0.7 | 0.281 | 0.158 | 0.12 | 13 | 0.25 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | tph as diesel | mg/kg | 23 | 32 | 72 | 9.8 | 4300 | 681.8 | 1133 | 4.8 | 4.8 | 1270 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte05ft | tph as gasoline | mg/kg | 14 | 32 | 44 | 0.059 | 190 | 18.3 | 51.99 | 0.048 | 0.06 | 35.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte05ft | tph as motor oil | mg/kg | 23 | 32 | 72 | 20 | 6200 | 1212 | 1644 | 7 | 7 | 2030 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 15.6 | 30.1 | 21.89 | 4.29 | -- | -- | 23.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte05ft | xylenes, total | µg/kg | 14 | 32 | 44 | 0.19 | 100 | 12.75 | 31.69 | 0.15 | 0.19 | 22.59 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 17.4 | 53.6 | 27.33 | 6.758 | -- | -- | 29.32 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 30 | 42 | 71 | 0.094 | 1100 | 43.62 | 202.2 | 0.086 | 0.1 | 146.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 42 | 17 | 0.11 | 100 | 20.29 | 38.12 | 0.073 | 0.096 | 15.28 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 20 | 42 | 48 | 0.0019 | 1.4 | 0.115 | 0.314 | 0.0011 | 0.021 | 0.207 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 38 | 42 | 90 | 0.0006 | 1.3 | 0.0709 | 0.219 | 0.0006 | 0.0048 | 0.205 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte10ft | arsenic | mg/kg | 39 | 42 | 93 | 0.408 | 5.82 | 1.843 | 1.129 | 0.398 | 0.398 | 2.042 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte10ft | bap teq | mg/kg | 38 | 42 | 90 | 0.000537 | 0.273 | 0.0436 | 0.0728 | 0.00053 | 0.00053 | 0.0869 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte10ft | benzene | µg/kg | 24 | 42 | 57 | 0.11 | 0.58 | 0.211 | 0.106 | 0.1 | 12 | 0.201 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 34 | 42 | 81 | 0.0007 | 0.32 | 0.051 | 0.083 | 0.0007 | 0.0007 | 0.0934 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 33 | 42 | 79 | 0.0006 | 0.21 | 0.0372 | 0.0568 | 0.0005 | 0.0005 | 0.0647 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 30 | 42 | 71 | 0.001 | 0.11 | 0.0223 | 0.0306 | 0.0004 | 0.0004 | 0.0349 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 42 | 24 | 0.0019 | 0.07 | 0.0312 | 0.0232 | 0.0011 | 0.023 | 0.0205 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24732 ravenna ave | lte10ft | chrysene | mg/kg | 37 | 42 | 88 | 0.0013 | 0.84 | 0.125 | 0.224 | 0.0012 | 0.0012 | 0.254 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte10ft | cobalt | mg/kg | 42 | 42 | 100 | 5.18 | 8.83 | 6.445 | 0.924 | -- | -- | 6.686 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte10ft | copper | mg/kg | 42 | 42 | 100 | 5.19 | 17.4 | 8.174 | 1.872 | -- | -- | 8.681 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 42 | 21 | 0.0008 | 0.041 | 0.0122 | 0.015 | 0.0007 | 0.027 | 0.0056 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 42 | 55 | 0.0009 | 0.059 | 0.0143 | 0.0169 | 0.0009 | 0.035 | 0.0181 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte10ft | lead | mg/kg | 42 | 42 | 100 | 3.24 | 19.8 | 6.513 | 3.343 | -- | -- | 7.411 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24732 ravenna ave | lte10ft | naphthalene | mg/kg | 33 | 42 | 79 | 0.00028 | 0.69 | 0.0362 | 0.123 | 0.00024 | 0.00032 | 0.103 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte10ft | pyrene | mg/kg | 37 | 42 | 88 | 0.001 | 1.5 | 0.132 | 0.327 | 0.0008 | 0.0008 | 0.325 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte10ft | toluene | µg/kg | 21 | 42 | 50 | 0.12 | 0.7 | 0.255 | 0.148 | 0.11 | 13 | 0.225 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte10ft | tph as diesel | mg/kg | 27 | 42 | 64 | 7.9 | 4300 | 594.6 | 1065 | 4.8 | 4.8 | 990.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24732 ravenna ave | lte10ft | tph as gasoline | mg/kg | 19 | 42 | 45 | 0.053 | 190 | 13.51 | 44.94 | 0.046 | 0.06 | 26.99 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte10ft | tph as motor oil | mg/kg | 27 | 42 | 64 | 20 | 6200 | 1061 | 1559 | 7 | 7 | 1062 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte10ft | vanadium | mg/kg | 42 | 42 | 100 | 15.6 | 32.1 | 23.23 | 4.575 | -- | -- | 24.49 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24732 ravenna ave | lte10ft | xylenes, total | µg/kg | 19 | 42 | 45 | 0.17 | 100 | 9.51 | 27.51 | 0.15 | 0.19 | 17.25 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24732 ravenna ave | lte10ft | zinc | mg/kg | 42 | 42 | 100 | 17.4 | 53.6 | 27.86 | 6.089 | -- | -- | 29.43 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 3.6 | 5.63 | 4.33 | 0.646 | -- | -- | 4.763 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 1.81 | 5.65 | 3.735 | 1.094 | -- | -- | 4.468 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 2.54 | 8.54 | 5.254 | 1.836 | -- | -- | 6.484 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 1.36 | 3.93 | 2.653 | 0.78 | -- | -- | 3.175 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 7.83 | 25.7 | 16.47 | 5.165 | -- | -- | 19.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 10.8 | 29.9 | 21.04 | 5.33 | -- | -- | 24.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 16 | 69 | 0.0024 | 2.3 | 0.221 | 0.69 | 0.0024 | 0.012 | 0.787 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 marbella ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.76 | 8.98 | 5.172 | 1.801 | -- | -- | 5.961 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte02ft | bap teq | mg/kg | 15 | 16 | 94 | 0.00238 | 0.12 | 0.0307 | 0.0317 | 0.00053 | 0.00053 | 0.0633 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte02ft | benzene | µg/kg | 5 | 16 | 31 | 0.14 | 0.26 | 0.188 | 0.0507 | 0.11 | 12 | 0.188 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 16 | 94 | 0.0029 | 0.095 | 0.0248 | 0.0266 | 0.0007 | 0.0007 | 0.0522 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 16 | 75 | 0.0045 | 0.092 | 0.0286 | 0.025 | 0.0005 | 0.0099 | 0.0328 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 16 | 50 | 0.004 | 0.045 | 0.0175 | 0.0135 | 0.0004 | 0.007 | 0.0171 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte02ft | cadmium | mg/kg | 16 | 16 | 100 | 0.162 | 0.444 | 0.261 | 0.0838 | -- | -- | 0.298 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte02ft | chrysene | mg/kg | 14 | 16 | 88 | 0.0085 | 0.22 | 0.0652 | 0.061 | 0.0012 | 0.024 | 0.124 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 4.94 | 12.3 | 8.779 | 2.248 | -- | -- | 9.765 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 8.01 | 27.2 | 15.25 | 5.953 | -- | -- | 17.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.63 | 18.8 | 9.658 | 4.637 | -- | -- | 12.03 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24733 marbella ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0011 | 0.32 | 0.0773 | 0.105 | -- | -- | 0.152 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte02ft | toluene | µg/kg | 5 | 16 | 31 | 0.14 | 0.36 | 0.208 | 0.0887 | 0.12 | 13 | 0.213 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte02ft | tph as diesel | mg/kg | 15 | 16 | 94 | 18 | 2300 | 402.9 | 659.3 | 4.8 | 4.8 | 1082 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 marbella ave | lte02ft | tph as motor oil | mg/kg | 15 | 16 | 94 | 57 | 2700 | 703.8 | 750.6 | 7 | 7 | 1475 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 21.3 | 43.4 | 31.12 | 7.39 | -- | -- | 34.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 30.3 | 57.9 | 43.33 | 9.782 | -- | -- | 47.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 15 | 24 | 63 | 0.001 | 2.3 | 0.166 | 0.591 | 0.0006 | 0.012 | 0.526 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 marbella ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 2.76 | 8.98 | 5.177 | 1.507 | -- | -- | 5.704 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte05ft | bap teq | mg/kg | 19 | 24 | 79 | 0.000541 | 0.12 | 0.0249 | 0.0303 | 0.00053 | 0.00053 | 0.0454 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte05ft | benzene | µg/kg | 5 | 24 | 21 | 0.14 | 0.26 | 0.188 | 0.0507 | 0.1 | 12 | 0.184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 24 | 75 | 0.0008 | 0.095 | 0.021 | 0.0257 | 0.0007 | 0.0007 | 0.0373 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 24 | 63 | 0.0011 | 0.092 | 0.0235 | 0.0246 | 0.0005 | 0.0099 | 0.0245 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 11 | 24 | 46 | 0.0006 | 0.045 | 0.0131 | 0.0136 | 0.0004 | 0.007 | 0.0103 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte05ft | cadmium | mg/kg | 24 | 24 | 100 | 0.0929 | 0.444 | 0.221 | 0.0908 | -- | -- | 0.252 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte05ft | chrysene | mg/kg | 18 | 24 | 75 | 0.0017 | 0.22 | 0.0524 | 0.0589 | 0.0012 | 0.024 | 0.0895 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 4.18 | 12.3 | 8.309 | 2.494 | -- | -- | 9.182 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 7.24 | 27.2 | 13.4 | 5.612 | -- | -- | 15.43 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 4.63 | 18.8 | 8.477 | 4.132 | -- | -- | 9.973 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 marbella ave | lte05ft | naphthalene | mg/kg | 10 | 24 | 42 | 0.00052 | 6.5 | 0.655 | 2.054 | 0.00024 | 0.00033 | 1.491 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 marbella ave | lte05ft | pyrene | mg/kg | 23 | 24 | 96 | 0.001 | 0.32 | 0.0588 | 0.0924 | 0.0008 | 0.0008 | 0.138 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte05ft | thallium | mg/kg | 6 | 24 | 25 | 0.374 | 0.834 | 0.506 | 0.174 | 0.232 | 0.232 | 0.465 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte05ft | toluene | µg/kg | 6 | 24 | 25 | 0.14 | 0.36 | 0.202 | 0.0808 | 0.11 | 13 | 0.174 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte05ft | tph as diesel | mg/kg | 18 | 24 | 75 | 12 | 2300 | 339.9 | 615.6 | 4.8 | 4.8 | 749.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 marbella ave | lte05ft | tph as gasoline | mg/kg | 5 | 24 | 21 | 0.065 | 690 | 138.1 | 308.5 | 0.048 | 0.071 | 166 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 marbella ave | lte05ft | tph as motor oil | mg/kg | 20 | 24 | 83 | 9.1 | 2700 | 540.1 | 707.3 | 7 | 7 | 1054 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 21.3 | 43.4 | 32.98 | 6.894 | -- | -- | 35.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 30.3 | 57.9 | 40.37 | 9.122 | -- | -- | 43.61 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 5 | 32 | 16 | 0.0015 | 2 | 0.417 | 0.885 | 0.0011 | 0.021 | 0.183 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 16 | 32 | 50 | 0.001 | 2.3 | 0.159 | 0.571 | 0.0006 | 0.012 | 0.397 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 marbella ave | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 2.76 | 8.98 | 4.965 | 1.385 | -- | -- | 5.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte10ft | bap teq | mg/kg | 21 | 32 | 66 | 0.000541 | 0.12 | 0.0227 | 0.0295 | 0.00053 | 0.00053 | 0.0239 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte10ft | benzene | µg/kg | 7 | 32 | 22 | 0.14 | 2.4 | 0.546 | 0.826 | 0.1 | 12 | 0.467 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24733 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 19 | 32 | 59 | 0.0008 | 0.095 | 0.02 | 0.0253 | 0.0007 | 0.0007 | 0.0195 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 17 | 32 | 53 | 0.0006 | 0.092 | 0.0209 | 0.0241 | 0.0005 | 0.0099 | 0.0185 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 32 | 38 | 0.0006 | 0.045 | 0.0121 | 0.0134 | 0.0004 | 0.007 | 0.00795 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte10ft | cadmium | mg/kg | 27 | 32 | 84 | 0.0929 | 0.444 | 0.217 | 0.0934 | 0.0883 | 0.0883 | 0.231 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 32 | 19 | 0.22 | 0.32 | 0.257 | 0.0427 | 0.22 | 0.22 | 0.246 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte10ft | chrysene | mg/kg | 20 | 32 | 63 | 0.0012 | 0.22 | 0.0475 | 0.0577 | 0.0012 | 0.024 | 0.0475 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 1.81 | 12.3 | 7.166 | 2.989 | -- | -- | 8.062 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte10ft | copper | mg/kg | 32 | 32 | 100 | 2.54 | 27.2 | 11.36 | 6.08 | -- | -- | 13.39 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte10ft | lead | mg/kg | 32 | 32 | 100 | 1.36 | 18.8 | 7.021 | 4.401 | -- | -- | 8.452 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte10ft | naphthalene | mg/kg | 13 | 32 | 41 | 0.00044 | 6.5 | 0.506 | 1.801 | 0.00024 | 0.00033 | 1.112 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 marbella ave | lte10ft | pyrene | mg/kg | 26 | 32 | 81 | 0.001 | 0.32 | 0.0524 | 0.0885 | 0.0008 | 0.0008 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 marbella ave | lte10ft | thallium | mg/kg | 6 | 32 | 19 | 0.374 | 0.834 | 0.506 | 0.174 | 0.232 | 0.232 | 0.456 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte10ft | toluene | µg/kg | 8 | 32 | 25 | 0.14 | 0.43 | 0.223 | 0.11 | 0.11 | 13 | 0.182 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 marbella ave | lte10ft | tph as diesel | mg/kg | 19 | 32 | 59 | 11 | 2300 | 322.6 | 603 | 4.8 | 4.8 | 574 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 marbella ave | lte10ft | tph as gasoline | mg/kg | 6 | 32 | 19 | 0.065 | 690 | 115.2 | 281.6 | 0.048 | 0.072 | 123 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 marbella ave | lte10ft | tph as motor oil | mg/kg | 21 | 32 | 66 | 9.1 | 2700 | 516.5 | 697.8 | 7 | 7 | 527.9 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 marbella ave | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 7.83 | 43.4 | 28.85 | 9.697 | -- | -- | 31.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 marbella ave | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 10.8 | 57.9 | 35.53 | 11.85 | -- | -- | 39.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 9 | 67 | 0.0012 | 0.014 | 0.00565 | 0.00472 | 0.0011 | 0.0054 | 0.00719 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 9 | 100 | 0.002 | 0.046 | 0.0117 | 0.015 | -- | -- | 0.0255 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 4.45 | 6.64 | 5.864 | 0.726 | -- | -- | 6.314 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | bap teq | mg/kg | 9 | 9 | 100 | 0.00228 | 0.12 | 0.0294 | 0.0406 | -- | -- | 0.0723 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | benzene | µg/kg | 5 | 9 | 56 | 0.12 | 0.99 | 0.326 | 0.375 | 0.1 | 0.11 | 0.446 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 9 | 100 | 0.003 | 0.11 | 0.0271 | 0.0388 | -- | -- | 0.0834 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 9 | 100 | 0.0016 | 0.085 | 0.0208 | 0.0286 | -- | -- | 0.0511 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 9 | 100 | 0.001 | 0.051 | 0.0126 | 0.017 | -- | -- | 0.0305 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 9 | 78 | 0.0014 | 0.013 | 0.00599 | 0.00522 | 0.0011 | 0.0011 | 0.00809 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | cadmium | mg/kg | 9 | 9 | 100 | 0.135 | 0.192 | 0.162 | 0.0198 | -- | -- | 0.174 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | chrysene | mg/kg | 9 | 9 | 100 | 0.0065 | 0.34 | 0.0812 | 0.119 | -- | -- | 0.255 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 7.01 | 9.65 | 8.382 | 0.827 | -- | -- | 8.895 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 9.76 | 15.3 | 11.27 | 1.896 | -- | -- | 12.51 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 8 | 9 | 89 | 0.0009 | 0.032 | 0.00805 | 0.0112 | 0.0007 | 0.0007 | 0.023 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 9 | 89 | 0.0012 | 0.036 | 0.0095 | 0.0122 | 0.0009 | 0.0009 | 0.0258 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 7.62 | 14.2 | 10.74 | 2.193 | -- | -- | 12.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | naphthalene | mg/kg | 8 | 9 | 89 | 0.0024 | 0.02 | 0.00715 | 0.00639 | 0.00027 | 0.00027 | 0.0101 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | pyrene | mg/kg | 9 | 9 | 100 | 0.0031 | 0.16 | 0.0429 | 0.055 | -- | -- | 0.102 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | toluene | µg/kg | 9 | 9 | 100 | 0.15 | 2 | 0.507 | 0.672 | -- | -- | 1.483 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | gt05lte10ft | tph as diesel | mg/kg | 7 | 9 | 78 | 5.2 | 110 | 39.03 | 36.63 | 4.8 | 4.8 | 53.64 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 9 | 89 | 15 | 260 | 90.5 | 86.35 | 7 | 7 | 135 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 31.1 | 38.5 | 36.28 | 2.688 | -- | -- | 37.94 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 34.3 | 45.9 | 41.38 | 3.785 | -- | -- | 43.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 18 | 50 | 0.0011 | 0.36 | 0.0691 | 0.117 | 0.0054 | 0.043 | 0.0734 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 18 | 100 | 0.0028 | 0.49 | 0.0865 | 0.122 | -- | -- | 0.148 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 2.43 | 6.24 | 4.317 | 0.949 | -- | -- | 4.706 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.0126 | 0.884 | 0.183 | 0.246 | -- | -- | 0.299 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | benzene | µg/kg | 11 | 18 | 61 | 0.11 | 1.2 | 0.282 | 0.314 | 0.1 | 0.12 | 0.329 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 18 | 18 | 100 | 0.0087 | 0.97 | 0.198 | 0.29 | -- | -- | 0.496 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 18 | 100 | 0.0091 | 0.61 | 0.129 | 0.17 | -- | -- | 0.21 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 18 | 100 | 0.0066 | 0.35 | 0.0734 | 0.0939 | -- | -- | 0.117 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 12 | 18 | 67 | 0.005 | 0.11 | 0.0352 | 0.037 | 0.009 | 0.023 | 0.0401 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | cadmium | mg/kg | 18 | 18 | 100 | 0.124 | 0.498 | 0.195 | 0.089 | -- | -- | 0.234 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.02 | 2.5 | 0.523 | 0.747 | -- | -- | 0.887 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 6.21 | 9.15 | 7.469 | 0.773 | -- | -- | 7.786 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 8.41 | 31.4 | 12.25 | 5.344 | -- | -- | 14.59 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 18 | 18 | 100 | 0.0022 | 0.25 | 0.0444 | 0.0642 | -- | -- | 0.0743 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 18 | 100 | 0.0052 | 0.22 | 0.0444 | 0.058 | -- | -- | 0.0703 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 6.45 | 53 | 14.24 | 10.38 | -- | -- | 18.82 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte02ft | naphthalene | mg/kg | 15 | 18 | 83 | 0.003 | 0.24 | 0.0407 | 0.0605 | 0.00027 | 0.0003 | 0.0931 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | pyrene | mg/kg | 18 | 18 | 100 | 0.013 | 3 | 0.453 | 0.812 | -- | -- | 0.848 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24733 panama ave | lte02ft | toluene | µg/kg | 17 | 18 | 94 | 0.12 | 2.9 | 0.614 | 0.822 | 0.11 | 0.11 | 1.416 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte02ft | tph as diesel | mg/kg | 18 | 18 | 100 | 16 | 2200 | 459.7 | 638.9 | -- | -- | 805.3 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 63 | 3800 | 1001 | 1024 | -- | -- | 1579 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 20.9 | 32 | 27.64 | 3.241 | -- | -- | 28.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 31.4 | 90.7 | 41.86 | 13.34 | -- | -- | 47.73 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 29 | 52 | 0.0011 | 0.36 | 0.0598 | 0.103 | 0.0011 | 0.21 | 0.061 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 29 | 29 | 100 | 0.0008 | 0.67 | 0.1 | 0.166 | -- | -- | 0.165 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte05ft | arsenic | mg/kg | 29 | 29 | 100 | 1.89 | 6.24 | 3.551 | 1.276 | -- | -- | 3.954 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | lte05ft | bap teq | mg/kg | 29 | 29 | 100 | 0.00243 | 1.98 | 0.248 | 0.446 | -- | -- | 0.411 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte05ft | benzene | µg/kg | 15 | 29 | 52 | 0.11 | 1.2 | 0.273 | 0.27 | 0.1 | 0.13 | 0.262 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 29 | 29 | 100 | 0.0021 | 2.2 | 0.27 | 0.502 | -- | -- | 0.676 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 29 | 29 | 100 | 0.0017 | 1.4 | 0.174 | 0.313 | -- | -- | 0.288 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 29 | 29 | 100 | 0.0012 | 0.79 | 0.0962 | 0.171 | -- | -- | 0.158 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 16 | 29 | 55 | 0.0014 | 0.24 | 0.0454 | 0.0623 | 0.0011 | 0.23 | 0.0445 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte05ft | cadmium | mg/kg | 29 | 29 | 100 | 0.108 | 0.498 | 0.184 | 0.0815 | -- | -- | 0.211 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte05ft | chrysene | mg/kg | 29 | 29 | 100 | 0.0047 | 5.7 | 0.703 | 1.285 | -- | -- | 1.23 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte05ft | cobalt | mg/kg | 29 | 29 | 100 | 5.74 | 9.15 | 7.094 | 0.831 | -- | -- | 7.356 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | lte05ft | copper | mg/kg | 29 | 29 | 100 | 6.64 | 31.4 | 11.06 | 4.835 | -- | -- | 12.67 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 27 | 29 | 93 | 0.001 | 0.46 | 0.0652 | 0.114 | 0.0007 | 0.0007 | 0.15 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 28 | 29 | 97 | 0.0009 | 0.44 | 0.0648 | 0.114 | 0.0009 | 0.0009 | 0.154 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte05ft | lead | mg/kg | 29 | 29 | 100 | 4.58 | 98.7 | 16.04 | 19.74 | -- | -- | 32.01 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte05ft | naphthalene | mg/kg | 26 | 29 | 90 | 0.0014 | 0.36 | 0.0523 | 0.0912 | 0.00027 | 0.0003 | 0.118 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte05ft | pyrene | mg/kg | 29 | 29 | 100 | 0.0039 | 3.4 | 0.54 | 0.946 | -- | -- | 0.972 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte05ft | toluene | µg/kg | 28 | 29 | 97 | 0.12 | 2.9 | 0.54 | 0.778 | 0.11 | 0.11 | 1.147 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte05ft | tph as diesel | mg/kg | 28 | 29 | 97 | 10 | 2200 | 445.3 | 663 | 4.8 | 4.8 | 961.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte05ft | tph as gasoline | mg/kg | 6 | 29 | 21 | 0.055 | 0.12 | 0.0857 | 0.0312 | 0.046 | 0.062 | 0.0717 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | lte05ft | tph as motor oil | mg/kg | 28 | 29 | 97 | 17 | 4700 | 993.7 | 1286 | 7 | 7 | 1993 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte05ft | vanadium | mg/kg | 29 | 29 | 100 | 18.4 | 36.4 | 25.86 | 4.867 | -- | -- | 27.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | lte05ft | zinc | mg/kg | 29 | 29 | 100 | 22.5 | 90.7 | 40.64 | 15.57 | -- | -- | 45.72 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 21 | 38 | 55 | 0.0011 | 0.36 | 0.0443 | 0.0899 | 0.0011 | 0.21 | 0.0757 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 38 | 38 | 100 | 0.0008 | 0.67 | 0.0793 | 0.149 | -- | -- | 0.185 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | arsenic | mg/kg | 38 | 38 | 100 | 1.89 | 6.64 | 4.099 | 1.529 | -- | -- | 4.581 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte10ft | bap teq | mg/kg | 38 | 38 | 100 | 0.00228 | 1.98 | 0.196 | 0.4 | -- | -- | 0.479 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | benzene | µg/kg | 20 | 38 | 53 | 0.11 | 1.2 | 0.287 | 0.29 | 0.1 | 0.13 | 0.269 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 38 | 38 | 100 | 0.0021 | 2.2 | 0.213 | 0.449 | -- | -- | 0.53 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 38 | 38 | 100 | 0.0016 | 1.4 | 0.138 | 0.28 | -- | -- | 0.336 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 38 | 38 | 100 | 0.001 | 0.79 | 0.0764 | 0.154 | -- | -- | 0.185 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 23 | 38 | 61 | 0.0014 | 0.24 | 0.0334 | 0.0547 | 0.0011 | 0.23 | 0.0541 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | cadmium | mg/kg | 38 | 38 | 100 | 0.108 | 0.498 | 0.179 | 0.0721 | -- | -- | 0.199 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 38 | 16 | 0.29 | 0.6 | 0.415 | 0.146 | 0.22 | 0.22 | 0.331 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte10ft | chrysene | mg/kg | 38 | 38 | 100 | 0.0047 | 5.7 | 0.556 | 1.151 | -- | -- | 1.37 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | cobalt | mg/kg | 38 | 38 | 100 | 5.74 | 9.65 | 7.399 | 0.989 | -- | -- | 7.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | lte10ft | copper | mg/kg | 38 | 38 | 100 | 6.64 | 31.4 | 11.11 | 4.298 | -- | -- | 12.35 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 35 | 38 | 92 | 0.0009 | 0.46 | 0.0521 | 0.102 | 0.0007 | 0.0007 | 0.118 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 36 | 38 | 95 | 0.0009 | 0.44 | 0.0525 | 0.103 | 0.0009 | 0.0009 | 0.121 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | lead | mg/kg | 38 | 38 | 100 | 4.58 | 98.7 | 14.78 | 17.35 | -- | -- | 27.05 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte10ft | naphthalene | mg/kg | 34 | 38 | 89 | 0.0014 | 0.36 | 0.0417 | 0.0818 | 0.00027 | 0.0003 | 0.0928 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | pyrene | mg/kg | 38 | 38 | 100 | 0.0031 | 3.4 | 0.423 | 0.851 | -- | -- | 1.024 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 panama ave | lte10ft | toluene | µg/kg | 37 | 38 | 97 | 0.12 | 2.9 | 0.532 | 0.745 | 0.11 | 0.11 | 1.042 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 panama ave | lte10ft | tph as diesel | mg/kg | 35 | 38 | 92 | 5.2 | 2200 | 364 | 613.6 | 4.8 | 4.8 | 757.8 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte10ft | tph as gasoline | mg/kg | 7 | 38 | 18 | 0.055 | 0.12 | 0.0837 | 0.029 | 0.045 | 0.062 | 0.0705 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 panama ave | lte10ft | tph as motor oil | mg/kg | 36 | 38 | 95 | 15 | 4700 | 793 | 1192 | 7 | 7 | 1582 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 panama ave | lte10ft | vanadium | mg/kg | 38 | 38 | 100 | 18.4 | 38.5 | 28.33 | 6.296 | -- | -- | 30.17 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 panama ave | lte10ft | zinc | mg/kg | 38 | 38 | 100 | 22.5 | 90.7 | 40.82 | 13.66 | -- | -- | 44.67 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 3.78 | 5.06 | 4.546 | 0.427 | -- | -- | 4.793 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | gt05lte10ft | bap teq | mg/kg | 7 | 10 | 70 | 0.000835 | 0.00442 | 0.00175 | 0.00126 | 0.00053 | 0.00053 | 0.00213 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 10 | 70 | 0.0005 | 0.0036 | 0.00133 | 0.0011 | 0.0005 | 0.0005 | 0.00165 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 ravenna ave | gt05lte10ft | cadmium | mg/kg | 7 | 10 | 70 | 0.3 | 0.43 | 0.346 | 0.045 | 0.0064 | 0.0883 | 0.359 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.73 | 7.83 | 6.663 | 0.682 | -- | -- | 7.058 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24733 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.43 | 10.2 | 8.926 | 0.95 | -- | -- | 9.477 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 4.01 | 7.36 | 6.344 | 1.112 | -- | -- | 6.989 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 6 | 10 | 60 | 0.0013 | 0.0092 | 0.00378 | 0.00287 | 0.00025 | 0.00026 | 0.00433 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | gt05lte10ft | pyrene | mg/kg | 7 | 10 | 70 | 0.001 | 0.0034 | 0.00184 | 0.00090711 | 0.0008 | 0.0008 | 0.00209 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | gt05lte10ft | toluene | µg/kg | 5 | 10 | 50 | 0.13 | 4.7 | 1.1 | 2.014 | 0.11 | 0.13 | 1.982 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 25.5 | 33.3 | 29.98 | 2.42 | -- | -- | 31.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 27.4 | 36.1 | 32.65 | 2.856 | -- | -- | 34.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 20 | 45 | 0.1 | 1.7 | 0.424 | 0.494 | 0.092 | 0.11 | 0.39 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 20 | 30 | 0.0011 | 1.1 | 0.186 | 0.448 | 0.0011 | 0.0054 | 0.312 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 20 | 50 | 0.0007 | 1.1 | 0.115 | 0.346 | 0.0006 | 0.003 | 0.303 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 1.6 | 3.7 | 2.507 | 0.577 | -- | -- | 2.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | bap teq | mg/kg | 18 | 20 | 90 | 0.00102 | 0.198 | 0.0306 | 0.0504 | 0.00053 | 0.00053 | 0.0751 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | benzene | µg/kg | 12 | 20 | 60 | 0.13 | 0.91 | 0.463 | 0.26 | 0.11 | 0.13 | 0.449 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 20 | 75 | 0.0014 | 0.18 | 0.0236 | 0.045 | 0.0007 | 0.0007 | 0.0572 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 20 | 90 | 0.0007 | 0.16 | 0.0241 | 0.0411 | 0.0005 | 0.0005 | 0.0604 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 17 | 20 | 85 | 0.0006 | 0.064 | 0.0134 | 0.0184 | 0.0004 | 0.0018 | 0.0286 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 12 | 20 | 60 | 0.0014 | 0.044 | 0.0109 | 0.014 | 0.0011 | 0.015 | 0.012 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte02ft | cadmium | mg/kg | 16 | 20 | 80 | 0.114 | 0.42 | 0.282 | 0.0802 | 0.0883 | 0.0883 | 0.296 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | chrysene | mg/kg | 16 | 20 | 80 | 0.0028 | 0.56 | 0.0593 | 0.137 | 0.0012 | 0.0012 | 0.169 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 5.14 | 7.65 | 6.11 | 0.607 | -- | -- | 6.344 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 6.75 | 13.2 | 9.436 | 1.966 | -- | -- | 10.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 20 | 50 | 0.001 | 0.016 | 0.00453 | 0.00489 | 0.0007 | 0.0034 | 0.00432 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 20 | 70 | 0.0013 | 0.053 | 0.0133 | 0.0174 | 0.0009 | 0.0043 | 0.025 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 4.26 | 30.2 | 8.922 | 5.938 | -- | -- | 11.35 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte02ft | naphthalene | mg/kg | 15 | 20 | 75 | 0.001 | 0.19 | 0.0162 | 0.0481 | 0.00026 | 0.00027 | 0.0535 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte02ft | pyrene | mg/kg | 18 | 20 | 90 | 0.001 | 0.53 | 0.0507 | 0.124 | 0.0008 | 0.0008 | 0.161 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | toluene | µg/kg | 13 | 20 | 65 | 0.17 | 1.4 | 0.512 | 0.431 | 0.12 | 0.14 | 0.56 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte02ft | tph as diesel | mg/kg | 10 | 20 | 50 | 5.9 | 3600 | 434.9 | 1118 | 4.8 | 4.8 | 1022 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte02ft | tph as gasoline | mg/kg | 11 | 20 | 55 | 0.061 | 0.96 | 0.262 | 0.266 | 0.047 | 0.054 | 0.258 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 ravenna ave | lte02ft | tph as motor oil | mg/kg | 11 | 20 | 55 | 15 | 5900 | 680.4 | 1748 | 7 | 7 | 1689 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 17 | 25.4 | 19.6 | 2.543 | -- | -- | 20.61 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte02ft | xylenes, total | µg/kg | 9 | 20 | 45 | 0.17 | 1.7 | 0.473 | 0.498 | 0.16 | 0.19 | 0.455 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 22.3 | 49.6 | 33.12 | 8.644 | -- | -- | 36.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 30 | 47 | 0.1 | 1.7 | 0.478 | 0.445 | 0.089 | 0.11 | 0.389 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 30 | 17 | 0.095 | 0.43 | 0.281 | 0.12 | 0.075 | 0.093 | 0.304 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 30 | 23 | 0.0011 | 1.1 | 0.16 | 0.414 | 0.0011 | 0.0054 | 0.208 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 30 | 40 | 0.0007 | 1.1 | 0.0962 | 0.316 | 0.0006 | 0.003 | 0.203 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 1.6 | 3.7 | 2.52 | 0.517 | -- | -- | 2.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | bap teq | mg/kg | 24 | 30 | 80 | 0.000545 | 0.198 | 0.0232 | 0.0452 | 0.00053 | 0.00053 | 0.0517 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | benzene | µg/kg | 17 | 30 | 57 | 0.13 | 1 | 0.446 | 0.277 | 0.1 | 0.13 | 0.391 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 30 | 60 | 0.0007 | 0.18 | 0.0199 | 0.0417 | 0.0007 | 0.0007 | 0.039 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 23 | 30 | 77 | 0.0006 | 0.16 | 0.0191 | 0.0374 | 0.0005 | 0.0005 | 0.0416 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 22 | 30 | 73 | 0.0006 | 0.064 | 0.0105 | 0.017 | 0.0004 | 0.0018 | 0.02 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 12 | 30 | 40 | 0.0014 | 0.044 | 0.0109 | 0.014 | 0.0011 | 0.015 | 0.00837 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte05ft | bromomethane | µg/kg | 6 | 30 | 20 | 0.75 | 2.3 | 1.417 | 0.667 | 0.67 | 1.6 | 1.17 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | cadmium | mg/kg | 23 | 30 | 77 | 0.114 | 0.42 | 0.272 | 0.0691 | 0.0064 | 0.0883 | 0.273 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | chrysene | mg/kg | 20 | 30 | 67 | 0.0018 | 0.56 | 0.0481 | 0.124 | 0.0012 | 0.0012 | 0.115 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 5.14 | 8.9 | 6.37 | 0.87 | -- | -- | 6.646 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte05ft | copper | mg/kg | 30 | 30 | 100 | 5.89 | 13.2 | 8.672 | 1.992 | -- | -- | 9.308 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 30 | 33 | 0.001 | 0.016 | 0.00453 | 0.00489 | 0.0007 | 0.0034 | 0.00322 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 30 | 53 | 0.001 | 0.053 | 0.0118 | 0.0167 | 0.0009 | 0.0043 | 0.0115 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte05ft | lead | mg/kg | 30 | 30 | 100 | 4.16 | 30.2 | 7.761 | 5.113 | -- | -- | 9.439 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte05ft | naphthalene | mg/kg | 22 | 30 | 73 | 0.0003 | 0.19 | 0.0124 | 0.0399 | 0.00025 | 0.00027 | 0.0367 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte05ft | pyrene | mg/kg | 24 | 30 | 80 | 0.0008 | 0.53 | 0.0387 | 0.108 | 0.0008 | 0.0008 | 0.109 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | toluene | µg/kg | 18 | 30 | 60 | 0.13 | 13 | 1.149 | 2.983 | 0.11 | 0.14 | 2.625 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte05ft | tph as diesel | mg/kg | 11 | 30 | 37 | 5.9 | 3600 | 397.8 | 1068 | 4.8 | 4.8 | 687.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte05ft | tph as gasoline | mg/kg | 17 | 30 | 57 | 0.053 | 0.96 | 0.242 | 0.254 | 0.045 | 0.054 | 0.231 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte05ft | tph as motor oil | mg/kg | 12 | 30 | 40 | 15 | 5900 | 628.9 | 1676 | 7 | 7 | 1140 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 17 | 27.9 | 20.37 | 3.046 | -- | -- | 21.34 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24733 ravenna ave | lte05ft | xylenes, total | µg/kg | 11 | 30 | 37 | 0.17 | 1.7 | 0.53 | 0.466 | 0.15 | 0.19 | 0.406 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 ravenna ave | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 22.1 | 49.6 | 30.85 | 7.86 | -- | -- | 33.34 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 40 | 43 | 0.1 | 1.7 | 0.437 | 0.412 | 0.088 | 0.11 | 0.362 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 40 | 15 | 0.095 | 0.43 | 0.258 | 0.122 | 0.075 | 0.093 | 0.292 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 40 | 18 | 0.0011 | 1.1 | 0.16 | 0.414 | 0.0011 | 0.0054 | 0.157 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 12 | 40 | 30 | 0.0007 | 1.1 | 0.0962 | 0.316 | 0.0006 | 0.003 | 0.153 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 1.6 | 5.06 | 3.026 | 1.015 | -- | -- | 3.308 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 ravenna ave | lte10ft | bap teq | mg/kg | 31 | 40 | 78 | 0.000545 | 0.198 | 0.0184 | 0.0407 | 0.00053 | 0.00053 | 0.0396 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | benzene | µg/kg | 20 | 40 | 50 | 0.13 | 1 | 0.409 | 0.27 | 0.1 | 0.13 | 0.333 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24733 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 21 | 40 | 53 | 0.0007 | 0.18 | 0.0172 | 0.039 | 0.0007 | 0.0007 | 0.0297 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 30 | 40 | 75 | 0.0005 | 0.16 | 0.0149 | 0.0335 | 0.0005 | 0.0005 | 0.0318 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 26 | 40 | 65 | 0.0006 | 0.064 | 0.009 | 0.016 | 0.0004 | 0.0018 | 0.0154 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 40 | 30 | 0.0014 | 0.044 | 0.0109 | 0.014 | 0.0011 | 0.015 | 0.00664 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte10ft | bromomethane | µg/kg | 8 | 40 | 20 | 0.75 | 2.3 | 1.336 | 0.605 | 0.66 | 1.6 | 1.028 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte10ft | cadmium | mg/kg | 30 | 40 | 75 | 0.114 | 0.43 | 0.289 | 0.071 | 0.0064 | 0.0883 | 0.283 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte10ft | chrysene | mg/kg | 23 | 40 | 58 | 0.0018 | 0.56 | 0.0422 | 0.116 | 0.0012 | 0.0012 | 0.0873 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 5.14 | 8.9 | 6.443 | 0.828 | -- | -- | 6.668 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte10ft | copper | mg/kg | 40 | 40 | 100 | 5.89 | 13.2 | 8.736 | 1.781 | -- | -- | 9.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24733 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 40 | 25 | 0.001 | 0.016 | 0.00453 | 0.00489 | 0.0007 | 0.0034 | 0.00267 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 40 | 40 | 0.001 | 0.053 | 0.0118 | 0.0167 | 0.0009 | 0.0043 | 0.0085 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24733 ravenna ave | lte10ft | lead | mg/kg | 40 | 40 | 100 | 4.01 | 30.2 | 7.407 | 4.485 | -- | -- | 8.671 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | naphthalene | mg/kg | 28 | 40 | 70 | 0.0003 | 0.19 | 0.0105 | 0.0354 | 0.00025 | 0.00027 | 0.0281 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | pyrene | mg/kg | 31 | 40 | 78 | 0.0008 | 0.53 | 0.0304 | 0.0962 | 0.0008 | 0.0008 | 0.0827 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | thallium | mg/kg | 5 | 40 | 13 | 0.27 | 0.47 | 0.316 | 0.0862 | 0.23 | 0.232 | 0.291 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | toluene | µg/kg | 23 | 40 | 58 | 0.13 | 13 | 1.139 | 2.759 | 0.11 | 0.14 | 2.194 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | tph as diesel | mg/kg | 11 | 40 | 28 | 5.9 | 3600 | 397.8 | 1068 | 4.8 | 4.8 | 519.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | tph as gasoline | mg/kg | 21 | 40 | 53 | 0.053 | 0.96 | 0.223 | 0.234 | 0.045 | 0.054 | 0.196 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte10ft | tph as motor oil | mg/kg | 12 | 40 | 30 | 15 | 5900 | 628.9 | 1676 | 7 | 7 | 863.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 17 | 33.3 | 22.78 | 5.099 | -- | -- | 24.15 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24733 ravenna ave | lte10ft | xylenes, total | µg/kg | 14 | 40 | 35 | 0.16 | 1.7 | 0.472 | 0.427 | 0.15 | 0.19 | 0.352 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24733 ravenna ave | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 22.1 | 49.6 | 31.3 | 6.961 | -- | -- | 33.15 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 9 | 78 | 0.0009 | 0.0079 | 0.0032 | 0.00322 | 0.0006 | 0.0006 | 0.00708 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 2.86 | 4.92 | 4.006 | 0.672 | -- | -- | 4.422 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | bap teq | mg/kg | 9 | 9 | 100 | 0.000538 | 0.00413 | 0.00213 | 0.00125 | -- | -- | 0.0029 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 9 | 78 | 0.0008 | 0.0047 | 0.00237 | 0.00154 | 0.0007 | 0.0007 | 0.00297 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 9 | 89 | 0.0005 | 0.0028 | 0.00163 | 0.00080134 | 0.0005 | 0.0005 | 0.00202 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 9 | 78 | 0.0005 | 0.0025 | 0.00119 | 0.00064918 | 0.0004 | 0.0004 | 0.00144 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | chrysene | mg/kg | 8 | 9 | 89 | 0.0014 | 0.011 | 0.0047 | 0.0037 | 0.0012 | 0.0012 | 0.00637 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 3.74 | 7.32 | 6.087 | 1.029 | -- | -- | 6.725 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 5.05 | 9.43 | 7.786 | 1.363 | -- | -- | 8.631 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 2 | 5.88 | 4.548 | 1.194 | -- | -- | 5.288 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | naphthalene | mg/kg | 7 | 9 | 78 | 0.0011 | 0.0036 | 0.00173 | 0.00085189 | 0.00025 | 0.00026 | 0.00209 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | pyrene | mg/kg | 9 | 9 | 100 | 0.0013 | 0.039 | 0.00837 | 0.0117 | -- | -- | 0.024 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | thallium | mg/kg | 5 | 9 | 56 | 0.246 | 0.457 | 0.369 | 0.0978 | 0.232 | 0.232 | 0.434 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 6 | 9 | 67 | 5 | 16 | 9.283 | 4.598 | 4.8 | 4.8 | 10.63 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 7 | 9 | 78 | 9 | 42 | 19.86 | 11.65 | 7 | 7 | 24.5 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 14.4 | 34.8 | 26.63 | 6.183 | -- | -- | 30.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 14.3 | 29.2 | 26.13 | 4.61 | -- | -- | 28.99 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 18 | 44 | 0.0019 | 0.16 | 0.0347 | 0.0528 | 0.0011 | 0.054 | 0.0331 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 18 | 94 | 0.0006 | 0.18 | 0.032 | 0.0464 | 0.003 | 0.003 | 0.0772 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte02ft | antimony | mg/kg | 6 | 18 | 33 | 0.569 | 1.66 | 0.876 | 0.402 | 0.306 | 0.306 | 0.786 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 0.945 | 3.87 | 1.951 | 0.801 | -- | -- | 2.304 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | lte02ft | bap teq | mg/kg | 16 | 18 | 89 | 0.00406 | 0.656 | 0.0742 | 0.16 | 0.00053 | 0.00053 | 0.223 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | lte02ft | benzene | µg/kg | 14 | 18 | 78 | 0.11 | 0.4 | 0.24 | 0.101 | 0.1 | 0.11 | 0.254 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 18 | 78 | 0.0038 | 0.24 | 0.0459 | 0.0634 | 0.0007 | 0.0065 | 0.0969 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 18 | 83 | 0.0027 | 0.54 | 0.063 | 0.136 | 0.0005 | 0.0049 | 0.183 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 18 | 67 | 0.002 | 0.24 | 0.0315 | 0.0667 | 0.0004 | 0.007 | 0.0796 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 18 | 44 | 0.0017 | 0.095 | 0.022 | 0.0311 | 0.0011 | 0.045 | 0.0208 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte02ft | chrysene | mg/kg | 15 | 18 | 83 | 0.011 | 1.3 | 0.171 | 0.328 | 0.0012 | 0.0059 | 0.459 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24735 neptune ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5.39 | 8.86 | 6.46 | 0.92 | -- | -- | 6.851 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 5.69 | 125 | 14.86 | 27.57 | -- | -- | 43.19 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 18 | 44 | 0.0012 | 0.085 | 0.018 | 0.0276 | 0.0007 | 0.027 | 0.0174 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 18 | 56 | 0.0018 | 0.17 | 0.0261 | 0.0511 | 0.0009 | 0.035 | 0.057 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 3.15 | 25 | 9.958 | 6.665 | -- | -- | 13.21 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte02ft | naphthalene | mg/kg | 12 | 18 | 67 | 0.0013 | 0.067 | 0.0149 | 0.0184 | 0.00025 | 0.00028 | 0.0178 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte02ft | pyrene | mg/kg | 16 | 18 | 89 | 0.0009 | 1.7 | 0.185 | 0.422 | 0.0008 | 0.0082 | 0.579 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte02ft | thallium | mg/kg | 15 | 18 | 83 | 0.238 | 0.572 | 0.358 | 0.105 | 0.232 | 0.232 | 0.381 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | lte02ft | toluene | µg/kg | 14 | 18 | 78 | 0.12 | 2.2 | 0.506 | 0.52 | 0.12 | 0.12 | 0.661 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte02ft | tph as diesel | mg/kg | 16 | 18 | 89 | 7.8 | 9300 | 915.9 | 2430 | 4.8 | 4.8 | 3188 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte02ft | tph as gasoline | mg/kg | 10 | 18 | 56 | 0.052 | 0.79 | 0.197 | 0.222 | 0.046 | 0.054 | 0.207 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 8 | 18000 | 1888 | 4887 | -- | -- | 6908 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 17.5 | 32 | 21.65 | 3.756 | -- | -- | 23.21 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte02ft | xylenes, total | µg/kg | 7 | 18 | 39 | 0.16 | 3.4 | 0.707 | 1.194 | 0.16 | 0.18 | 0.889 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 20.1 | 66.1 | 32.47 | 12.19 | -- | -- | 37.67 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 27 | 19 | 0.21 | 7.9 | 1.862 | 3.382 | 0.085 | 0.11 | 1.049 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 11 | 27 | 41 | 0.0012 | 0.16 | 0.0266 | 0.0464 | 0.0011 | 0.054 | 0.0225 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 24 | 27 | 89 | 0.0006 | 0.18 | 0.0238 | 0.0409 | 0.0006 | 0.003 | 0.0542 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte05ft | antimony | mg/kg | 9 | 27 | 33 | 0.569 | 1.66 | 0.997 | 0.409 | 0.306 | 0.306 | 0.873 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 0.945 | 3.87 | 2.088 | 0.804 | -- | -- | 2.374 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | lte05ft | bap teq | mg/kg | 25 | 27 | 93 | 0.00104 | 0.656 | 0.0497 | 0.131 | 0.00053 | 0.00053 | 0.152 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte05ft | benzene | µg/kg | 15 | 27 | 56 | 0.1 | 0.4 | 0.231 | 0.104 | 0.098 | 0.11 | 0.209 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 27 | 78 | 0.0021 | 0.24 | 0.0321 | 0.0549 | 0.0007 | 0.0065 | 0.0675 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 24 | 27 | 89 | 0.0007 | 0.54 | 0.0412 | 0.11 | 0.0005 | 0.0049 | 0.124 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 21 | 27 | 78 | 0.0005 | 0.24 | 0.0191 | 0.0516 | 0.0004 | 0.007 | 0.0538 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 27 | 33 | 0.0017 | 0.095 | 0.0208 | 0.0294 | 0.0011 | 0.045 | 0.0147 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte05ft | chrysene | mg/kg | 24 | 27 | 89 | 0.0013 | 1.3 | 0.11 | 0.268 | 0.0012 | 0.0059 | 0.312 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 5.39 | 10.6 | 6.981 | 1.431 | -- | -- | 7.461 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 5.69 | 125 | 12.52 | 22.57 | -- | -- | 31.45 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 27 | 41 | 0.0009 | 0.085 | 0.0134 | 0.0244 | 0.0007 | 0.027 | 0.0117 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 27 | 52 | 0.0009 | 0.17 | 0.0198 | 0.0438 | 0.0009 | 0.035 | 0.0387 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 3.09 | 25 | 8.381 | 5.912 | -- | -- | 13.34 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte05ft | naphthalene | mg/kg | 17 | 27 | 63 | 0.0011 | 0.087 | 0.0161 | 0.0245 | 0.00024 | 0.00028 | 0.028 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte05ft | pyrene | mg/kg | 25 | 27 | 93 | 0.0009 | 1.7 | 0.122 | 0.345 | 0.0008 | 0.0082 | 0.393 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte05ft | thallium | mg/kg | 23 | 27 | 85 | 0.238 | 0.572 | 0.368 | 0.0922 | 0.232 | 0.232 | 0.381 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | lte05ft | toluene | µg/kg | 15 | 27 | 56 | 0.12 | 2.7 | 0.653 | 0.756 | 0.11 | 0.13 | 0.645 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte05ft | tph as diesel | mg/kg | 21 | 27 | 78 | 7 | 9300 | 702.7 | 2141 | 4.8 | 4.8 | 2151 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte05ft | tph as gasoline | mg/kg | 12 | 27 | 44 | 0.048 | 0.79 | 0.174 | 0.208 | 0.043 | 0.054 | 0.154 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | lte05ft | tph as motor oil | mg/kg | 24 | 27 | 89 | 8 | 18000 | 1427 | 4280 | 7 | 7 | 4676 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 17.5 | 35.1 | 23.57 | 5.467 | -- | -- | 25.39 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte05ft | xylenes, total | µg/kg | 7 | 27 | 26 | 0.16 | 3.4 | 0.707 | 1.194 | 0.15 | 0.18 | 0.661 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 20.1 | 66.1 | 30.46 | 10.45 | -- | -- | 33.78 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 36 | 19 | 0.21 | 7.9 | 1.459 | 2.848 | 0.085 | 0.11 | 0.919 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 36 | 33 | 0.0012 | 0.16 | 0.025 | 0.0446 | 0.0011 | 0.054 | 0.0172 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 36 | 86 | 0.0006 | 0.18 | 0.0191 | 0.0369 | 0.0006 | 0.003 | 0.0419 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte10ft | antimony | mg/kg | 11 | 36 | 31 | 0.569 | 1.66 | 0.976 | 0.375 | 0.306 | 0.306 | 0.837 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 0.945 | 4.92 | 2.568 | 1.137 | -- | -- | 2.925 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24735 neptune ave | lte10ft | bap teq | mg/kg | 34 | 36 | 94 | 0.000538 | 0.656 | 0.0371 | 0.114 | 0.00053 | 0.00053 | 0.116 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte10ft | benzene | µg/kg | 16 | 36 | 44 | 0.1 | 0.4 | 0.229 | 0.101 | 0.098 | 0.12 | 0.189 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 36 | 78 | 0.0008 | 0.24 | 0.0247 | 0.049 | 0.0007 | 0.0065 | 0.0517 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 32 | 36 | 89 | 0.0005 | 0.54 | 0.0313 | 0.0963 | 0.0005 | 0.0049 | 0.0942 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 36 | 78 | 0.0005 | 0.24 | 0.0147 | 0.0451 | 0.0004 | 0.007 | 0.0408 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 36 | 31 | 0.0015 | 0.095 | 0.0173 | 0.0274 | 0.0011 | 0.045 | 0.0112 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte10ft | chrysene | mg/kg | 32 | 36 | 89 | 0.0013 | 1.3 | 0.0838 | 0.236 | 0.0012 | 0.0059 | 0.237 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 3.74 | 10.6 | 6.758 | 1.385 | -- | -- | 7.154 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 5.05 | 125 | 11.34 | 19.57 | -- | -- | 25.56 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 36 | 39 | 0.0008 | 0.085 | 0.0107 | 0.0221 | 0.0007 | 0.027 | 0.00926 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 36 | 44 | 0.0009 | 0.17 | 0.0175 | 0.0413 | 0.0009 | 0.035 | 0.0182 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 2 | 25 | 7.423 | 5.397 | -- | -- | 11.34 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24735 neptune ave | lte10ft | naphthalene | mg/kg | 24 | 36 | 67 | 0.0011 | 0.087 | 0.0119 | 0.0215 | 0.00024 | 0.00028 | 0.0216 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | pyrene | mg/kg | 34 | 36 | 94 | 0.0009 | 1.7 | 0.0921 | 0.299 | 0.0008 | 0.0082 | 0.298 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24735 neptune ave | lte10ft | thallium | mg/kg | 28 | 36 | 78 | 0.238 | 0.572 | 0.368 | 0.0913 | 0.232 | 0.232 | 0.367 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24735 neptune ave | lte10ft | toluene | µg/kg | 18 | 36 | 50 | 0.12 | 2.7 | 0.596 | 0.7 | 0.11 | 0.14 | 0.539 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | tph as diesel | mg/kg | 27 | 36 | 75 | 5 | 9300 | 548.6 | 1900 | 4.8 | 4.8 | 1621 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | tph as gasoline | mg/kg | 14 | 36 | 39 | 0.048 | 0.79 | 0.16 | 0.195 | 0.043 | 0.054 | 0.133 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | tph as motor oil | mg/kg | 31 | 36 | 86 | 8 | 18000 | 1109 | 3795 | 7 | 7 | 3530 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 14.4 | 35.1 | 24.33 | 5.723 | -- | -- | 26.02 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24735 neptune ave | lte10ft | xylenes, total | µg/kg | 7 | 36 | 19 | 0.16 | 3.4 | 0.707 | 1.194 | 0.15 | 0.19 | 0.536 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24735 neptune ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 14.3 | 66.1 | 29.38 | 9.463 | -- | -- | 32.13 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24736 marbella ave | gt05lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 2.5 | 8.55 | 4.407 | 1.566 | -- | -- | 5.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | gt05lte10ft | bap teq | mg/kg | 8 | 13 | 62 | 0.000565 | 0.0369 | 0.00539 | 0.0127 | 0.00053 | 0.00053 | 0.016 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 marbella ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 13 | 54 | 0.0007 | 0.013 | 0.00266 | 0.00457 | 0.0007 | 0.0007 | 0.006 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 marbella ave | gt05lte10ft | chromium, hexavalent | mg/kg | 8 | 13 | 62 | 0.22 | 0.37 | 0.296 | 0.054 | 0.22 | 0.22 | 0.302 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | gt05lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 3.13 | 10.4 | 5.753 | 2.065 | -- | -- | 6.865 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | gt05lte10ft | copper | mg/kg | 13 | 13 | 100 | 3.23 | 15.6 | 8.277 | 2.974 | -- | -- | 9.747 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | gt05lte10ft | lead | mg/kg | 13 | 13 | 100 | 1.6 | 7.54 | 3.962 | 1.451 | -- | -- | 4.679 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | gt05lte10ft | pyrene | mg/kg | 5 | 13 | 38 | 0.0012 | 0.13 | 0.0275 | 0.0573 | 0.0008 | 0.0008 | 0.0576 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 marbella ave | gt05lte10ft | toluene | µg/kg | 7 | 13 | 54 | 0.13 | 0.46 | 0.221 | 0.125 | 0.11 | 0.15 | 0.231 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | gt05lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 12.7 | 40.6 | 23.67 | 7.308 | -- | -- | 27.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | gt05lte10ft | zinc | mg/kg | 13 | 13 | 100 | 14.3 | 42.9 | 25.38 | 7.263 | -- | -- | 28.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 26 | 58 | 0.003 | 0.048 | 0.0161 | 0.0122 | 0.0006 | 0.012 | 0.0146 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | arsenic | mg/kg | 26 | 26 | 100 | 1.33 | 8.07 | 4.409 | 1.942 | -- | -- | 5.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte02ft | bap teq | mg/kg | 26 | 26 | 100 | 0.000991 | 0.149 | 0.0358 | 0.0383 | -- | -- | 0.0531 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | benzene | µg/kg | 8 | 26 | 31 | 0.11 | 0.59 | 0.256 | 0.165 | 0.1 | 0.13 | 0.209 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 21 | 26 | 81 | 0.0018 | 0.086 | 0.032 | 0.0237 | 0.0007 | 0.0052 | 0.0347 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 26 | 26 | 100 | 0.0007 | 0.12 | 0.0273 | 0.0303 | -- | -- | 0.0408 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 20 | 26 | 77 | 0.0006 | 0.069 | 0.0181 | 0.0174 | 0.0004 | 0.007 | 0.0204 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | chrysene | mg/kg | 26 | 26 | 100 | 0.0017 | 0.24 | 0.0639 | 0.0603 | -- | -- | 0.094 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | cobalt | mg/kg | 26 | 26 | 100 | 6.11 | 12.8 | 9.077 | 1.863 | -- | -- | 9.701 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte02ft | copper | mg/kg | 26 | 26 | 100 | 6.69 | 21.8 | 15 | 4.476 | -- | -- | 16.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 26 | 27 | 0.0035 | 0.043 | 0.0142 | 0.0141 | 0.0007 | 0.013 | 0.00974 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 26 | 27 | 0.0044 | 0.05 | 0.0165 | 0.0176 | 0.0009 | 0.017 | 0.0116 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | lead | mg/kg | 26 | 26 | 100 | 3.84 | 40.7 | 13.42 | 8.385 | -- | -- | 16.22 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | pyrene | mg/kg | 26 | 26 | 100 | 0.0016 | 0.43 | 0.0625 | 0.1 | -- | -- | 0.101 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | toluene | µg/kg | 14 | 26 | 54 | 0.13 | 0.84 | 0.384 | 0.225 | 0.11 | 0.15 | 0.339 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte02ft | tph as diesel | mg/kg | 25 | 26 | 96 | 8 | 560 | 202.9 | 156.3 | 4.8 | 4.8 | 330.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | tph as gasoline | mg/kg | 5 | 26 | 19 | 0.05 | 0.72 | 0.197 | 0.293 | 0.047 | 0.063 | 0.199 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 marbella ave | lte02ft | tph as motor oil | mg/kg | 25 | 26 | 96 | 34 | 2100 | 650.7 | 500 | 7 | 7 | 1059 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte02ft | vanadium | mg/kg | 26 | 26 | 100 | 20.9 | 43.7 | 31.21 | 6.009 | -- | -- | 33.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte02ft | zinc | mg/kg | 26 | 26 | 100 | 25.1 | 113 | 53.6 | 21.63 | -- | -- | 60.98 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 17 | 39 | 44 | 0.0016 | 0.048 | 0.0147 | 0.0121 | 0.0006 | 0.012 | 0.0102 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | arsenic | mg/kg | 39 | 39 | 100 | 1.33 | 8.07 | 4.241 | 1.648 | -- | -- | 4.686 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte05ft | bap teq | mg/kg | 35 | 39 | 90 | 0.000565 | 0.149 | 0.0273 | 0.036 | 0.00053 | 0.00053 | 0.0491 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | benzene | µg/kg | 9 | 39 | 23 | 0.11 | 0.9 | 0.328 | 0.265 | 0.1 | 0.13 | 0.203 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 28 | 39 | 72 | 0.0007 | 0.086 | 0.0246 | 0.0243 | 0.0007 | 0.0052 | 0.0341 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 33 | 39 | 85 | 0.0005 | 0.12 | 0.022 | 0.0287 | 0.0005 | 0.0005 | 0.038 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 24 | 39 | 62 | 0.0006 | 0.069 | 0.0156 | 0.0168 | 0.0004 | 0.007 | 0.0142 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 39 | 18 | 0.0012 | 0.038 | 0.0142 | 0.0136 | 0.0011 | 0.023 | 0.00908 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 8 | 39 | 21 | 0.23 | 0.35 | 0.274 | 0.0393 | 0.22 | 0.22 | 0.255 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte05ft | chrysene | mg/kg | 32 | 39 | 82 | 0.0014 | 0.24 | 0.0525 | 0.0593 | 0.0012 | 0.0012 | 0.0833 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | cobalt | mg/kg | 39 | 39 | 100 | 6.1 | 13.9 | 9.209 | 2.002 | -- | -- | 9.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte05ft | copper | mg/kg | 39 | 39 | 100 | 6.27 | 21.8 | 13.39 | 4.465 | -- | -- | 14.69 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 39 | 23 | 0.001 | 0.043 | 0.0113 | 0.0135 | 0.0007 | 0.013 | 0.0058 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 39 | 26 | 0.0011 | 0.05 | 0.0127 | 0.0157 | 0.0009 | 0.017 | 0.00699 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 marbella ave | lte05ft | lead | mg/kg | 39 | 39 | 100 | 3.84 | 40.7 | 10.85 | 7.749 | -- | -- | 12.78 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 marbella ave | lte05ft | naphthalene | mg/kg | 8 | 39 | 21 | 0.0013 | 0.03 | 0.00814 | 0.00928 | 0.00024 | 0.00032 | 0.00409 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | pyrene | mg/kg | 32 | 39 | 82 | 0.0013 | 0.43 | 0.0518 | 0.093 | 0.0008 | 0.0008 | 0.103 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24736 marbella ave | lte05ft | toluene | µg/kg | 19 | 39 | 49 | 0.13 | 0.84 | 0.366 | 0.207 | 0.11 | 0.15 | 0.301 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24736 marbella ave | lte05ft | tph as diesel | mg/kg | 27 | 39 | 69 | 5.9 | 560 | 188.5 | 158.9 | 4.8 | 4.8 | 176.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | tph as gasoline | mg/kg | 6 | 39 | 15 | 0.05 | 0.72 | 0.173 | 0.268 | 0.047 | 0.063 | 0.127 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 marbella ave | lte05ft | tph as motor oil | mg/kg | 27 | 39 | 69 | 21 | 2100 | 604.1 | 508.9 | 7 | 7 | 564.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte05ft | vanadium | mg/kg | 39 | 39 | 100 | 20.9 | 43.7 | 31.86 | 5.811 | -- | -- | 33.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte05ft | zinc | mg/kg | 39 | 39 | 100 | 23.4 | 113 | 45.55 | 21.13 | -- | -- | 51.1 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 20 | 52 | 38 | 0.0016 | 0.048 | 0.0128 | 0.012 | 0.0006 | 0.012 | 0.00814 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte10ft | arsenic | mg/kg | 52 | 52 | 100 | 1.33 | 8.55 | 4.282 | 1.615 | -- | -- | 4.657 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte10ft | bap teq | mg/kg | 43 | 52 | 83 | 0.000565 | 0.149 | 0.0232 | 0.0339 | 0.00053 | 0.00053 | 0.0387 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 marbella ave | lte10ft | benzene | µg/kg | 13 | 52 | 25 | 0.11 | 2 | 0.445 | 0.518 | 0.1 | 0.14 | 0.263 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 35 | 52 | 67 | 0.0007 | 0.086 | 0.0202 | 0.0235 | 0.0007 | 0.0052 | 0.0268 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 37 | 52 | 71 | 0.0005 | 0.12 | 0.0205 | 0.0278 | 0.0005 | 0.0005 | 0.0299 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 52 | 54 | 0.0006 | 0.069 | 0.0142 | 0.0163 | 0.0004 | 0.007 | 0.0111 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 52 | 15 | 0.0012 | 0.038 | 0.0143 | 0.0126 | 0.0011 | 0.023 | 0.00889 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 16 | 52 | 31 | 0.22 | 0.37 | 0.285 | 0.047 | 0.22 | 0.22 | 0.258 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte10ft | chrysene | mg/kg | 35 | 52 | 67 | 0.0014 | 0.24 | 0.0487 | 0.058 | 0.0012 | 0.0012 | 0.046 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte10ft | cobalt | mg/kg | 52 | 52 | 100 | 3.13 | 13.9 | 8.345 | 2.505 | -- | -- | 8.927 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte10ft | copper | mg/kg | 52 | 52 | 100 | 3.23 | 21.8 | 12.11 | 4.684 | -- | -- | 13.3 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 52 | 19 | 0.001 | 0.043 | 0.0105 | 0.013 | 0.0007 | 0.013 | 0.0046 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 52 | 23 | 0.0011 | 0.05 | 0.0128 | 0.0152 | 0.0009 | 0.017 | 0.00606 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte10ft | lead | mg/kg | 52 | 52 | 100 | 1.6 | 40.7 | 9.126 | 7.369 | -- | -- | 10.77 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24736 marbella ave | lte10ft | naphthalene | mg/kg | 10 | 52 | 19 | 0.0011 | 0.03 | 0.00822 | 0.00891 | 0.00024 | 0.00033 | 0.00361 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte10ft | pyrene | mg/kg | 37 | 52 | 71 | 0.0012 | 0.43 | 0.0485 | 0.0888 | 0.0008 | 0.0008 | 0.082 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 marbella ave | lte10ft | toluene | µg/kg | 26 | 52 | 50 | 0.13 | 0.84 | 0.327 | 0.197 | 0.11 | 0.15 | 0.268 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 marbella ave | lte10ft | tph as diesel | mg/kg | 28 | 52 | 54 | 5.9 | 560 | 182.2 | 159.5 | 4.8 | 4.8 | 136.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte10ft | tph as gasoline | mg/kg | 7 | 52 | 13 | 0.05 | 0.72 | 0.16 | 0.247 | 0.045 | 0.063 | 0.0918 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 marbella ave | lte10ft | tph as motor oil | mg/kg | 29 | 52 | 56 | 15 | 2100 | 563.4 | 513.4 | 7 | 7 | 438.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 marbella ave | lte10ft | vanadium | mg/kg | 52 | 52 | 100 | 12.7 | 43.7 | 29.81 | 7.11 | -- | -- | 31.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 marbella ave | lte10ft | zinc | mg/kg | 52 | 52 | 100 | 14.3 | 113 | 40.51 | 20.56 | -- | -- | 45.41 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 11 | 91 | 1.4 | 3000 | 977.8 | 1127 | 53 | 53 | 2354 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 11 | 73 | 1.3 | 1000 | 307.7 | 408 | 0.46 | 50 | 720.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 11 | 100 | 1.1 | 29 | 9.573 | 9.499 | -- | -- | 18.45 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 1.3 | 42 | 14.03 | 14.21 | -- | -- | 27.85 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 2.45 | 5.36 | 3.631 | 0.981 | -- | -- | 4.167 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.011 | 0.528 | 0.189 | 0.174 | -- | -- | 0.284 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | benzene | µg/kg | 9 | 11 | 82 | 0.48 | 550 | 139 | 183.3 | 11 | 12 | 344.1 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 11 | 82 | 0.067 | 1.2 | 0.445 | 0.395 | 0.013 | 0.16 | 0.589 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 11 | 45 | 0.045 | 0.32 | 0.141 | 0.114 | 0.0099 | 0.39 | 0.164 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.086 | 2.8 | 0.889 | 0.896 | -- | -- | 1.667 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 6.63 | 8.3 | 7.466 | 0.524 | -- | -- | 7.753 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 7.69 | 12.1 | 9.065 | 1.196 | -- | -- | 9.729 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 11 | 11 | 100 | 16 | 3300 | 901.8 | 1007 | -- | -- | 2101 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 3.07 | 9.5 | 5.169 | 1.765 | -- | -- | 6.133 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 11 | 11 | 100 | 0.47 | 11 | 4.752 | 3.826 | -- | -- | 6.842 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.09 | 4.9 | 1.528 | 1.681 | -- | -- | 3.102 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | toluene | µg/kg | 7 | 11 | 64 | 0.32 | 43 | 20.47 | 13.28 | 0.44 | 47 | 24.73 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 11 | 11 | 100 | 250 | 20000 | 6896 | 5592 | -- | -- | 9952 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 11 | 100 | 1 | 670 | 248.3 | 281.3 | -- | -- | 670 | Maximum Detected | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 280 | 21000 | 7647 | 6085 | -- | -- | 10973 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 24.4 | 31.4 | 28.07 | 2.465 | -- | -- | 29.42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 11 | 91 | 2.6 | 1600 | 494.9 | 507.7 | 44 | 44 | 727.2 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 25.8 | 49.3 | 32.2 | 6.611 | -- | -- | 35.86 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 16 | 38 | 0.11 | 4500 | 771 | 1827 | 0.09 | 9.3 | 811.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 16 | 31 | 0.0052 | 10 | 3.801 | 3.778 | 0.0043 | 0.043 | 3.9 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 16 | 44 | 0.004 | 16 | 3.518 | 5.746 | 0.0024 | 0.024 | 3.401 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.56 | 5.62 | 3.15 | 0.905 | -- | -- | 3.546 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte02ft | bap teq | mg/kg | 13 | 16 | 81 | 0.00273 | 1.032 | 0.11 | 0.28 | 0.0103 | 0.0103 | 0.368 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 ravenna ave | lte02ft | benzene | µg/kg | 7 | 16 | 44 | 0.21 | 67 | 13.56 | 24.4 | 0.1 | 11 | 25.29 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 16 | 56 | 0.0065 | 0.72 | 0.135 | 0.24 | 0.0026 | 0.052 | 0.289 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24736 ravenna ave | lte02ft | cadmium | mg/kg | 5 | 16 | 31 | 0.0884 | 0.319 | 0.149 | 0.0959 | 0.0883 | 0.0883 | 0.135 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24736 ravenna ave | lte02ft | chrysene | mg/kg | 13 | 16 | 81 | 0.015 | 1.4 | 0.228 | 0.381 | 0.024 | 0.024 | 0.574 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.85 | 7.77 | 6.69 | 0.575 | -- | -- | 6.942 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.83 | 18.3 | 9.618 | 2.394 | -- | -- | 10.76 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 ravenna ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 2.41 | 12.3 | 6.073 | 2.372 | -- | -- | 7.112 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte02ft | naphthalene | mg/kg | 9 | 16 | 56 | 0.00061 | 5.4 | 1.038 | 1.763 | 0.00025 | 0.00032 | 1.292 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.009 | 1.9 | 0.248 | 0.504 | -- | -- | 0.796 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 ravenna ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 60 | 10000 | 2070 | 2701 | -- | -- | 3990 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 100 | 13000 | 2931 | 3355 | -- | -- | 5213 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 19 | 31.8 | 24.29 | 2.876 | -- | -- | 25.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 22.1 | 50.8 | 31.07 | 6.467 | -- | -- | 33.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 32 | 56 | 0.11 | 11000 | 1557 | 3046 | 0.09 | 9.3 | 1664 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 15 | 32 | 47 | 0.095 | 3500 | 396.3 | 899.3 | 0.076 | 7.9 | 380.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 19 | 32 | 59 | 0.0052 | 50 | 5.42 | 11.44 | 0.004 | 0.043 | 6.443 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 32 | 66 | 0.004 | 75 | 6.779 | 16.45 | 0.0024 | 0.024 | 9.286 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | antimony | mg/kg | 6 | 32 | 19 | 0.498 | 1 | 0.796 | 0.181 | 0.149 | 0.306 | 0.81 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte05ft | arsenic | mg/kg | 32 | 32 | 100 | 1.56 | 5.62 | 3.443 | 0.934 | -- | -- | 3.723 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte05ft | bap teq | mg/kg | 28 | 32 | 88 | 0.00273 | 1.032 | 0.134 | 0.229 | 0.0103 | 0.513 | 0.288 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | benzene | µg/kg | 18 | 32 | 56 | 0.16 | 650 | 92.41 | 202.6 | 0.1 | 14 | 105.5 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 24 | 32 | 75 | 0.0038 | 0.72 | 0.146 | 0.192 | 0.0026 | 0.65 | 0.253 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 32 | 53 | 0.0022 | 0.73 | 0.155 | 0.203 | 0.002 | 0.49 | 0.143 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 8 | 32 | 25 | 0.013 | 0.7 | 0.141 | 0.24 | 0.0014 | 0.35 | 0.0991 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24736 ravenna ave | lte05ft | cadmium | mg/kg | 8 | 32 | 25 | 0.0884 | 0.388 | 0.236 | 0.14 | 0.0883 | 0.0883 | 0.155 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 ravenna ave | lte05ft | chrysene | mg/kg | 27 | 32 | 84 | 0.015 | 1.6 | 0.33 | 0.407 | 0.0023 | 1.2 | 0.59 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 5.85 | 7.99 | 6.868 | 0.624 | -- | -- | 7.055 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte05ft | copper | mg/kg | 32 | 32 | 100 | 6.87 | 18.3 | 9.486 | 2.012 | -- | -- | 10.12 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 ravenna ave | lte05ft | ethylbenzene | µg/kg | 17 | 32 | 53 | 0.15 | 3800 | 496.5 | 1015 | 0.12 | 12 | 537.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 32 | 38 | 0.0058 | 0.42 | 0.0712 | 0.114 | 0.0021 | 0.87 | 0.0569 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | lead | mg/kg | 32 | 32 | 100 | 2.41 | 12.3 | 5.868 | 2.144 | -- | -- | 6.511 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte05ft | naphthalene | mg/kg | 25 | 32 | 78 | 0.00051 | 20 | 2.154 | 4.126 | 0.00025 | 0.00032 | 4.579 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | pyrene | mg/kg | 32 | 32 | 100 | 0.0066 | 5.5 | 0.577 | 1.082 | -- | -- | 0.978 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 ravenna ave | lte05ft | toluene | µg/kg | 10 | 32 | 31 | 0.17 | 120 | 30.06 | 45.45 | 0.12 | 15 | 18.34 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | tph as diesel | mg/kg | 32 | 32 | 100 | 60 | 23000 | 2871 | 4407 | -- | -- | 4379 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | tph as gasoline | mg/kg | 18 | 32 | 56 | 0.097 | 700 | 194.8 | 202.4 | 0.041 | 0.058 | 249.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 ravenna ave | lte05ft | tph as motor oil | mg/kg | 32 | 32 | 100 | 100 | 20000 | 3353 | 4153 | -- | -- | 4809 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 19 | 31.8 | 25.54 | 3.156 | -- | -- | 26.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte05ft | xylenes, total | µg/kg | 16 | 32 | 50 | 0.18 | 3500 | 576.4 | 1107 | 0.16 | 16 | 539.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 22.1 | 50.8 | 30.53 | 5.216 | -- | -- | 32.06 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 28 | 43 | 65 | 0.11 | 11000 | 1350 | 2519 | 0.09 | 53 | 1476 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 23 | 43 | 53 | 0.095 | 3500 | 365.4 | 754.6 | 0.076 | 50 | 375.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 30 | 43 | 70 | 0.0052 | 50 | 6.943 | 10.79 | 0.004 | 0.043 | 7.392 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 32 | 43 | 74 | 0.004 | 75 | 9.271 | 15.87 | 0.0024 | 0.024 | 16.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | antimony | mg/kg | 8 | 43 | 19 | 0.498 | 1 | 0.797 | 0.186 | 0.149 | 0.306 | 0.761 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte10ft | arsenic | mg/kg | 43 | 43 | 100 | 1.56 | 5.62 | 3.491 | 0.938 | -- | -- | 3.732 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte10ft | bap teq | mg/kg | 39 | 43 | 91 | 0.00273 | 1.032 | 0.15 | 0.214 | 0.0103 | 0.513 | 0.276 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | benzene | µg/kg | 27 | 43 | 63 | 0.16 | 650 | 107.9 | 194.1 | 0.1 | 14 | 112.4 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 33 | 43 | 77 | 0.0038 | 1.2 | 0.228 | 0.289 | 0.0026 | 0.65 | 0.36 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24736 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 22 | 43 | 51 | 0.0022 | 0.73 | 0.152 | 0.184 | 0.002 | 0.49 | 0.135 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 11 | 43 | 26 | 0.013 | 0.7 | 0.131 | 0.205 | 0.0014 | 0.35 | 0.0873 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24736 ravenna ave | lte10ft | cadmium | mg/kg | 11 | 43 | 26 | 0.0884 | 0.388 | 0.27 | 0.131 | 0.0883 | 0.0883 | 0.172 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 ravenna ave | lte10ft | chrysene | mg/kg | 38 | 43 | 88 | 0.015 | 2.8 | 0.492 | 0.632 | 0.0023 | 1.2 | 0.85 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | cobalt | mg/kg | 43 | 43 | 100 | 5.85 | 8.3 | 7.021 | 0.65 | -- | -- | 7.188 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte10ft | copper | mg/kg | 43 | 43 | 100 | 6.87 | 18.3 | 9.379 | 1.834 | -- | -- | 9.871 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 ravenna ave | lte10ft | ethylbenzene | µg/kg | 28 | 43 | 65 | 0.15 | 3800 | 655.7 | 1013 | 0.12 | 12 | 690.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 43 | 28 | 0.0058 | 0.42 | 0.0712 | 0.114 | 0.0021 | 0.87 | 0.0462 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | lead | mg/kg | 43 | 43 | 100 | 2.41 | 12.3 | 5.69 | 2.056 | -- | -- | 6.234 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | naphthalene | mg/kg | 36 | 43 | 84 | 0.00051 | 20 | 2.948 | 4.163 | 0.00025 | 0.00032 | 5.104 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | pyrene | mg/kg | 43 | 43 | 100 | 0.0066 | 5.5 | 0.82 | 1.309 | -- | -- | 1.252 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | toluene | µg/kg | 17 | 43 | 40 | 0.17 | 120 | 26.11 | 35.38 | 0.12 | 47 | 17.29 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | tph as diesel | mg/kg | 43 | 43 | 100 | 60 | 23000 | 3901 | 4994 | -- | -- | 5527 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24736 ravenna ave | lte10ft | tph as gasoline | mg/kg | 29 | 43 | 67 | 0.097 | 700 | 215.1 | 232 | 0.041 | 0.058 | 289 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24736 ravenna ave | lte10ft | tph as motor oil | mg/kg | 43 | 43 | 100 | 100 | 21000 | 4452 | 5014 | -- | -- | 6060 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | vanadium | mg/kg | 43 | 43 | 100 | 19 | 31.8 | 26.19 | 3.17 | -- | -- | 27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24736 ravenna ave | lte10ft | xylenes, total | µg/kg | 26 | 43 | 60 | 0.18 | 3500 | 545 | 910.7 | 0.16 | 44 | 551.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24736 ravenna ave | lte10ft | zinc | mg/kg | 43 | 43 | 100 | 22.1 | 50.8 | 30.96 | 5.57 | -- | -- | 32.42 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 16 | 44 | 0.0007 | 37 | 6.405 | 13.8 | 0.0006 | 0.0048 | 13.43 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24737 marbella ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.67 | 5.56 | 3.129 | 1.254 | -- | -- | 3.679 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24737 marbella ave | lte02ft | bap teq | mg/kg | 14 | 16 | 88 | 0.00169 | 0.586 | 0.0732 | 0.16 | 0.00053 | 0.00053 | 0.229 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | benzene | µg/kg | 5 | 16 | 31 | 0.13 | 32 | 8.014 | 13.79 | 0.1 | 0.15 | 6.418 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24737 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 16 | 81 | 0.0017 | 0.62 | 0.0675 | 0.172 | 0.0007 | 0.0007 | 0.227 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 16 | 81 | 0.0013 | 0.45 | 0.0618 | 0.127 | 0.0005 | 0.002 | 0.178 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 16 | 63 | 0.0012 | 0.17 | 0.0285 | 0.0534 | 0.0004 | 0.0028 | 0.0668 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 16 | 44 | 0.0016 | 0.036 | 0.00694 | 0.0128 | 0.0011 | 0.23 | 0.0102 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | chrysene | mg/kg | 13 | 16 | 81 | 0.0016 | 1.5 | 0.158 | 0.416 | 0.0012 | 0.0095 | 0.543 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.97 | 9.52 | 7.25 | 0.977 | -- | -- | 7.678 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24737 marbella ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.4 | 15.1 | 10.57 | 2.252 | -- | -- | 11.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24737 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 16 | 50 | 0.0017 | 0.028 | 0.00686 | 0.00934 | 0.0009 | 0.17 | 0.00796 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.29 | 51 | 10.32 | 11.51 | -- | -- | 22.87 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | naphthalene | mg/kg | 7 | 16 | 44 | 0.00064 | 13 | 2.273 | 4.852 | 0.00025 | 0.0003 | 4.735 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | pyrene | mg/kg | 14 | 16 | 88 | 0.0015 | 3.4 | 0.36 | 0.961 | 0.0008 | 0.0008 | 1.304 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | toluene | µg/kg | 7 | 16 | 44 | 0.16 | 0.75 | 0.376 | 0.242 | 0.12 | 42 | 0.36 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24737 marbella ave | lte02ft | tph as diesel | mg/kg | 13 | 16 | 81 | 6.2 | 18000 | 2231 | 5075 | 4.8 | 4.8 | 6894 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | tph as gasoline | mg/kg | 10 | 16 | 63 | 0.054 | 23 | 2.459 | 7.222 | 0.048 | 0.055 | 7.921 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 7.5 | 19000 | 2540 | 5334 | -- | -- | 8352 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 20.8 | 36.4 | 25.18 | 4.465 | -- | -- | 27.18 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24737 marbella ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 26 | 265 | 51.36 | 57.36 | -- | -- | 113.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 23 | 22 | 0.0052 | 23 | 5.967 | 9.757 | 0.0011 | 0.021 | 3.204 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24737 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 9 | 23 | 39 | 0.0007 | 37 | 5.149 | 12.21 | 0.0006 | 0.012 | 9.37 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24737 marbella ave | lte05ft | arsenic | mg/kg | 23 | 23 | 100 | 1.67 | 6.3 | 3.417 | 1.39 | -- | -- | 3.915 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24737 marbella ave | lte05ft | bap teq | mg/kg | 20 | 23 | 87 | 0.000578 | 0.586 | 0.0538 | 0.135 | 0.00053 | 0.00053 | 0.163 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24737 marbella ave | lte05ft | benzene | µg/kg | 8 | 23 | 35 | 0.12 | 32 | 5.096 | 11.18 | 0.1 | 0.15 | 8.269 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 16 | 23 | 70 | 0.0017 | 0.62 | 0.0616 | 0.155 | 0.0007 | 0.0007 | 0.164 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 23 | 65 | 0.0008 | 0.45 | 0.054 | 0.119 | 0.0005 | 0.02 | 0.126 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 23 | 61 | 0.0006 | 0.17 | 0.0208 | 0.0462 | 0.0004 | 0.014 | 0.0471 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 23 | 35 | 0.0016 | 0.036 | 0.00664 | 0.0119 | 0.0011 | 0.23 | 0.00758 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 8 | 23 | 35 | 0.36 | 0.8 | 0.52 | 0.126 | 0.22 | 0.22 | 0.455 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24737 marbella ave | lte05ft | chrysene | mg/kg | 18 | 23 | 78 | 0.0012 | 1.5 | 0.128 | 0.354 | 0.0012 | 0.0095 | 0.389 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | cobalt | mg/kg | 23 | 23 | 100 | 5.97 | 12.6 | 8.34 | 2.046 | -- | -- | 9.092 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24737 marbella ave | lte05ft | copper | mg/kg | 23 | 23 | 100 | 7.4 | 21.6 | 11.31 | 3.071 | -- | -- | 12.41 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24737 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 23 | 39 | 0.0017 | 0.028 | 0.0064 | 0.00884 | 0.0009 | 0.17 | 0.00644 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | lead | mg/kg | 23 | 23 | 100 | 4.29 | 51 | 9.166 | 9.691 | -- | -- | 17.97 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | naphthalene | mg/kg | 11 | 23 | 48 | 0.00064 | 13 | 1.49 | 3.914 | 0.00025 | 0.0003 | 3.273 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | pyrene | mg/kg | 21 | 23 | 91 | 0.0011 | 3.4 | 0.265 | 0.79 | 0.0008 | 0.0008 | 0.931 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | toluene | µg/kg | 9 | 23 | 39 | 0.16 | 0.75 | 0.341 | 0.22 | 0.12 | 42 | 0.303 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | tph as diesel | mg/kg | 19 | 23 | 83 | 6.1 | 18000 | 1954 | 4324 | 4.8 | 4.8 | 5254 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | tph as gasoline | mg/kg | 13 | 23 | 57 | 0.054 | 900 | 86.52 | 250.5 | 0.048 | 0.055 | 224.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | tph as motor oil | mg/kg | 23 | 23 | 100 | 7.5 | 19000 | 2210 | 4625 | -- | -- | 6413 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | vanadium | mg/kg | 23 | 23 | 100 | 20.8 | 39.7 | 27.99 | 6.378 | -- | -- | 30.3 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte05ft | zinc | mg/kg | 23 | 23 | 100 | 26 | 265 | 46.89 | 48 | -- | -- | 65.69 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 29 | 17 | 0.76 | 410 | 87.86 | 180.2 | 0.09 | 0.13 | 42.12 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24737 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 29 | 24 | 0.0021 | 23 | 4.462 | 8.381 | 0.0011 | 0.021 | 2.533 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24737 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 12 | 29 | 41 | 0.0007 | 37 | 3.905 | 10.66 | 0.0006 | 0.012 | 7.399 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | arsenic | mg/kg | 29 | 29 | 100 | 1.67 | 6.3 | 3.594 | 1.298 | -- | -- | 4.004 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24737 marbella ave | lte10ft | bap teq | mg/kg | 23 | 29 | 79 | 0.000538 | 0.586 | 0.051 | 0.127 | 0.00053 | 0.00053 | 0.134 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24737 marbella ave | lte10ft | benzene | µg/kg | 8 | 29 | 28 | 0.12 | 32 | 5.096 | 11.18 | 0.1 | 0.15 | 6.619 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 17 | 29 | 59 | 0.0017 | 0.62 | 0.0634 | 0.15 | 0.0007 | 0.0007 | 0.134 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 17 | 29 | 59 | 0.0008 | 0.45 | 0.0521 | 0.113 | 0.0005 | 0.02 | 0.104 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 14 | 29 | 48 | 0.0006 | 0.17 | 0.0208 | 0.0462 | 0.0004 | 0.014 | 0.0378 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 29 | 28 | 0.0016 | 0.036 | 0.00664 | 0.0119 | 0.0011 | 0.23 | 0.00622 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24737 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 13 | 29 | 45 | 0.22 | 0.8 | 0.453 | 0.146 | 0.22 | 0.22 | 0.427 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24737 marbella ave | lte10ft | chrysene | mg/kg | 21 | 29 | 72 | 0.0012 | 1.5 | 0.12 | 0.329 | 0.0012 | 0.0095 | 0.318 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | cobalt | mg/kg | 29 | 29 | 100 | 5.19 | 12.6 | 7.792 | 2.123 | -- | -- | 8.473 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24737 marbella ave | lte10ft | copper | mg/kg | 29 | 29 | 100 | 6.19 | 21.6 | 10.63 | 3.092 | -- | -- | 11.61 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24737 marbella ave | lte10ft | ethylbenzene | µg/kg | 5 | 29 | 17 | 0.17 | 250 | 58.09 | 108.3 | 0.12 | 0.17 | 26.33 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24737 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 29 | 31 | 0.0017 | 0.028 | 0.0064 | 0.00884 | 0.0009 | 0.17 | 0.00558 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | lead | mg/kg | 29 | 29 | 100 | 2.57 | 51 | 8.075 | 8.868 | -- | -- | 15.25 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | naphthalene | mg/kg | 13 | 29 | 45 | 0.00064 | 13 | 1.282 | 3.609 | 0.00025 | 0.0003 | 2.603 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | pyrene | mg/kg | 25 | 29 | 86 | 0.0011 | 3.4 | 0.231 | 0.726 | 0.0008 | 0.0008 | 0.749 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | toluene | µg/kg | 11 | 29 | 38 | 0.16 | 0.75 | 0.337 | 0.203 | 0.12 | 42 | 0.289 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | tph as diesel | mg/kg | 22 | 29 | 76 | 6.1 | 18000 | 2280 | 4699 | 4.8 | 4.8 | 5141 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | tph as gasoline | mg/kg | 16 | 29 | 55 | 0.054 | 900 | 99.68 | 246.6 | 0.045 | 0.055 | 209 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | tph as motor oil | mg/kg | 26 | 29 | 90 | 7.5 | 19000 | 2612 | 5271 | 7 | 7 | 6435 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | vanadium | mg/kg | 29 | 29 | 100 | 20.8 | 39.7 | 27.36 | 5.902 | -- | -- | 29.25 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24737 marbella ave | lte10ft | zinc | mg/kg | 29 | 29 | 100 | 24.7 | 265 | 42.7 | 43.37 | -- | -- | 57.68 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 12 | 92 | 0.54 | 31000 | 9364 | 12031 | 0.088 | 0.088 | 23475 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 12 | 83 | 25 | 11000 | 3906 | 4866 | 0.074 | 0.076 | 9168 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 12 | 83 | 2.9 | 28 | 15.19 | 7.602 | 0.0011 | 0.0011 | 17.64 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.001 | 42 | 19.16 | 12.93 | -- | -- | 25.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 1.8 | 5.76 | 4.208 | 1.195 | -- | -- | 4.827 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | bap teq | mg/kg | 8 | 12 | 67 | 0.00109 | 2.263 | 0.763 | 0.697 | 0.00053 | 0.208 | 0.911 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | benzene | µg/kg | 11 | 12 | 92 | 3.3 | 12000 | 3044 | 4328 | 0.1 | 0.1 | 8121 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 12 | 58 | 0.0013 | 2.9 | 1.13 | 0.968 | 0.0007 | 0.26 | 1.256 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 12 | 58 | 0.0007 | 1.6 | 0.603 | 0.51 | 0.0005 | 0.2 | 0.673 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | chrysene | mg/kg | 8 | 12 | 67 | 0.0019 | 3.8 | 1.714 | 1.299 | 0.0012 | 0.45 | 1.933 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 5.5 | 8.79 | 6.786 | 1.043 | -- | -- | 7.327 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 5.92 | 10.7 | 8.548 | 1.193 | -- | -- | 9.167 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 12 | 83 | 98 | 12000 | 4520 | 4647 | 0.12 | 0.12 | 9551 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 2.96 | 9.6 | 5.28 | 2.453 | -- | -- | 6.952 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.003 | 13 | 6.384 | 3.866 | -- | -- | 8.388 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | pyrene | mg/kg | 10 | 12 | 83 | 0.0017 | 8.8 | 3.363 | 2.978 | 0.016 | 0.33 | 4.37 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | toluene | µg/kg | 9 | 12 | 75 | 0.73 | 43000 | 8766 | 14976 | 0.11 | 12 | 23662 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 12 | 83 | 2700 | 13000 | 9760 | 3319 | 4.8 | 4.8 | 10817 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 12 | 12 | 100 | 0.061 | 4600 | 1212 | 1618 | -- | -- | 4551 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 12 | 83 | 2800 | 16000 | 10870 | 3756 | 7 | 7 | 12108 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 24.9 | 34.6 | 28.64 | 2.775 | -- | -- | 30.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 11 | 12 | 92 | 1.1 | 76000 | 19776 | 29459 | 0.15 | 0.15 | 54345 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 neptune ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 28.8 | 55.9 | 36.53 | 8.595 | -- | -- | 41.16 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 neptune ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 24 | 50 | 0.11 | 0.7 | 0.278 | 0.162 | 0.089 | 0.12 | 0.244 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 10 | 24 | 42 | 0.0018 | 0.98 | 0.136 | 0.3 | 0.0043 | 0.086 | 0.131 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 23 | 24 | 96 | 0.0028 | 1.4 | 0.0964 | 0.287 | 0.0024 | 0.0024 | 0.343 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 neptune ave | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 1.61 | 4.4 | 2.872 | 0.853 | -- | -- | 3.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | lte02ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00172 | 0.43 | 0.0836 | 0.0946 | -- | -- | 0.127 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | benzene | µg/kg | 18 | 24 | 75 | 0.11 | 4.3 | 0.576 | 0.98 | 0.11 | 0.13 | 0.814 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 23 | 24 | 96 | 0.0019 | 0.18 | 0.0653 | 0.0541 | 0.0026 | 0.0026 | 0.111 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 24 | 24 | 100 | 0.0012 | 0.35 | 0.0652 | 0.0772 | -- | -- | 0.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 21 | 24 | 88 | 0.0007 | 0.14 | 0.0329 | 0.0329 | 0.0014 | 0.007 | 0.058 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 24 | 38 | 0.0042 | 0.093 | 0.0294 | 0.0268 | 0.0011 | 0.09 | 0.022 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | chrysene | mg/kg | 24 | 24 | 100 | 0.0041 | 0.57 | 0.181 | 0.183 | -- | -- | 0.279 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 5.73 | 8.48 | 6.778 | 0.67 | -- | -- | 7.013 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | lte02ft | copper | mg/kg | 24 | 24 | 100 | 7.67 | 13.9 | 9.414 | 1.565 | -- | -- | 9.979 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 14 | 24 | 58 | 0.0047 | 0.073 | 0.0181 | 0.017 | 0.0007 | 0.027 | 0.0182 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 24 | 71 | 0.0051 | 0.16 | 0.0306 | 0.0362 | 0.0009 | 0.035 | 0.0355 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | lead | mg/kg | 24 | 24 | 100 | 2.36 | 97.1 | 14.8 | 23.27 | -- | -- | 35.51 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte02ft | naphthalene | mg/kg | 16 | 24 | 67 | 0.00035 | 0.72 | 0.0639 | 0.178 | 0.00026 | 0.00032 | 0.175 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 neptune ave | lte02ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0024 | 1 | 0.165 | 0.241 | -- | -- | 0.276 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | toluene | µg/kg | 15 | 24 | 63 | 0.13 | 0.99 | 0.352 | 0.272 | 0.11 | 0.14 | 0.355 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 neptune ave | lte02ft | tph as diesel | mg/kg | 24 | 24 | 100 | 6.4 | 3600 | 500.6 | 739.9 | -- | -- | 776.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | tph as gasoline | mg/kg | 10 | 24 | 42 | 0.055 | 37 | 5.793 | 12.45 | 0.047 | 0.058 | 10.07 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24738 neptune ave | lte02ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 22 | 8800 | 1341 | 1836 | -- | -- | 2021 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 17.9 | 32.2 | 24.21 | 3.813 | -- | -- | 25.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | lte02ft | xylenes, total | µg/kg | 10 | 24 | 42 | 0.16 | 0.68 | 0.339 | 0.196 | 0.15 | 0.2 | 0.29 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 neptune ave | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 22.6 | 56.3 | 33.46 | 8.626 | -- | -- | 36.56 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24738 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 25 | 39 | 64 | 0.11 | 53000 | 7314 | 15276 | 0.087 | 0.12 | 13584 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 39 | 33 | 0.1 | 21000 | 4397 | 7878 | 0.073 | 0.098 | 2825 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 24 | 39 | 62 | 0.0018 | 63 | 8.217 | 15.53 | 0.0011 | 0.086 | 7.894 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 38 | 39 | 97 | 0.0017 | 110 | 8.866 | 22.36 | 0.0024 | 0.0024 | 24.08 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte05ft | arsenic | mg/kg | 39 | 39 | 100 | 1.52 | 5.66 | 2.799 | 0.978 | -- | -- | 3.074 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | bap teq | mg/kg | 32 | 39 | 82 | 0.00172 | 1.228 | 0.172 | 0.266 | 0.00053 | 0.411 | 0.323 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | benzene | µg/kg | 32 | 39 | 82 | 0.11 | 19000 | 1867 | 4763 | 0.1 | 0.13 | 4586 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 31 | 39 | 79 | 0.0019 | 2.4 | 0.206 | 0.447 | 0.0007 | 0.52 | 0.456 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 30 | 39 | 77 | 0.0012 | 0.58 | 0.1 | 0.134 | 0.0005 | 0.99 | 0.178 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 39 | 59 | 0.0007 | 0.14 | 0.0368 | 0.0346 | 0.0004 | 0.7 | 0.0378 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 39 | 26 | 0.0042 | 0.093 | 0.0293 | 0.0253 | 0.0011 | 2.3 | 0.0191 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 6 | 39 | 15 | 0.054 | 0.27 | 0.181 | 0.0927 | 0.22 | 0.22 | 0.162 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | lte05ft | chrysene | mg/kg | 32 | 39 | 82 | 0.0041 | 3.7 | 0.426 | 0.724 | 0.0012 | 0.95 | 0.84 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | cobalt | mg/kg | 39 | 39 | 100 | 5.71 | 9.36 | 6.955 | 0.883 | -- | -- | 7.193 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 neptune ave | lte05ft | copper | mg/kg | 39 | 39 | 100 | 5.56 | 13.9 | 8.914 | 1.618 | -- | -- | 9.361 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 16 | 39 | 41 | 0.0047 | 0.073 | 0.0199 | 0.0166 | 0.0007 | 1.3 | 0.0174 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | ethylbenzene | µg/kg | 15 | 39 | 38 | 0.13 | 23000 | 5085 | 7911 | 0.11 | 0.15 | 3450 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 39 | 49 | 0.0051 | 0.16 | 0.0316 | 0.0343 | 0.0009 | 1.7 | 0.0311 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte05ft | lead | mg/kg | 39 | 39 | 100 | 2.36 | 97.1 | 10.74 | 18.86 | -- | -- | 23.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte05ft | naphthalene | mg/kg | 31 | 39 | 79 | 0.00035 | 34 | 4.403 | 9.241 | 0.00026 | 0.00032 | 9.388 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 neptune ave | lte05ft | pyrene | mg/kg | 34 | 39 | 87 | 0.0024 | 10 | 0.817 | 1.977 | 0.0008 | 0.65 | 2.02 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 neptune ave | lte05ft | toluene | µg/kg | 26 | 39 | 67 | 0.13 | 57000 | 3741 | 12301 | 0.11 | 11 | 9616 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte05ft | tph as diesel | mg/kg | 37 | 39 | 95 | 6.4 | 24000 | 3258 | 6117 | 4.8 | 4.8 | 7281 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 neptune ave | lte05ft | tph as gasoline | mg/kg | 25 | 39 | 64 | 0.055 | 7000 | 1039 | 2171 | 0.047 | 0.058 | 1137 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 neptune ave | lte05ft | tph as motor oil | mg/kg | 37 | 39 | 95 | 22 | 23000 | 3828 | 5797 | 7 | 7 | 7619 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 neptune ave | lte05ft | vanadium | mg/kg | 39 | 39 | 100 | 17.9 | 33.9 | 24.76 | 4.107 | -- | -- | 25.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | lte05ft | xylenes, total | µg/kg | 23 | 39 | 59 | 0.15 | 130000 | 14477 | 36147 | 0.15 | 0.2 | 28569 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte05ft | zinc | mg/kg | 39 | 39 | 100 | 22.6 | 56.3 | 31.64 | 7.766 | -- | -- | 33.79 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 36 | 51 | 71 | 0.11 | 53000 | 7941 | 14223 | 0.087 | 0.12 | 13235 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 23 | 51 | 45 | 0.1 | 21000 | 4183 | 6603 | 0.073 | 0.098 | 3041 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 34 | 51 | 67 | 0.0018 | 63 | 10.27 | 13.93 | 0.0011 | 0.086 | 9.694 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 50 | 51 | 98 | 0.001 | 110 | 11.34 | 20.85 | 0.0024 | 0.0024 | 23.75 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte10ft | arsenic | mg/kg | 51 | 51 | 100 | 1.52 | 5.76 | 3.131 | 1.185 | -- | -- | 3.409 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | lte10ft | bap teq | mg/kg | 40 | 51 | 78 | 0.00109 | 2.263 | 0.291 | 0.448 | 0.00053 | 0.411 | 0.488 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte10ft | benzene | µg/kg | 43 | 51 | 84 | 0.11 | 19000 | 2168 | 4634 | 0.1 | 0.13 | 4470 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 38 | 51 | 75 | 0.0013 | 2.9 | 0.376 | 0.668 | 0.0007 | 0.52 | 0.654 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 37 | 51 | 73 | 0.0007 | 1.6 | 0.195 | 0.312 | 0.0005 | 0.99 | 0.326 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 26 | 51 | 51 | 0.0007 | 0.33 | 0.0637 | 0.0869 | 0.0004 | 0.7 | 0.0586 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 51 | 20 | 0.0042 | 0.093 | 0.0293 | 0.0253 | 0.0011 | 2.3 | 0.0178 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 8 | 51 | 16 | 0.054 | 0.27 | 0.188 | 0.0823 | 0.038 | 0.22 | 0.171 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | lte10ft | chrysene | mg/kg | 40 | 51 | 78 | 0.0019 | 3.8 | 0.684 | 0.996 | 0.0012 | 0.95 | 1.116 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte10ft | cobalt | mg/kg | 51 | 51 | 100 | 5.5 | 9.36 | 6.915 | 0.915 | -- | -- | 7.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | lte10ft | copper | mg/kg | 51 | 51 | 100 | 5.56 | 13.9 | 8.828 | 1.526 | -- | -- | 9.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 16 | 51 | 31 | 0.0047 | 0.073 | 0.0199 | 0.0166 | 0.0007 | 1.3 | 0.0162 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte10ft | ethylbenzene | µg/kg | 25 | 51 | 49 | 0.13 | 23000 | 4859 | 6685 | 0.11 | 0.15 | 3625 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 51 | 37 | 0.0051 | 0.16 | 0.0316 | 0.0343 | 0.0009 | 1.7 | 0.0286 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 neptune ave | lte10ft | lead | mg/kg | 51 | 51 | 100 | 2.36 | 97.1 | 9.456 | 16.64 | -- | -- | 19.62 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte10ft | naphthalene | mg/kg | 43 | 51 | 84 | 0.00035 | 34 | 4.956 | 8.107 | 0.00026 | 0.00032 | 8.857 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte10ft | pyrene | mg/kg | 44 | 51 | 86 | 0.0017 | 10 | 1.396 | 2.454 | 0.0008 | 0.65 | 2.631 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 neptune ave | lte10ft | toluene | µg/kg | 35 | 51 | 69 | 0.13 | 57000 | 5033 | 13000 | 0.11 | 12 | 10185 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte10ft | tph as diesel | mg/kg | 47 | 51 | 92 | 6.4 | 24000 | 4642 | 6218 | 4.8 | 4.8 | 8002 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte10ft | tph as gasoline | mg/kg | 37 | 51 | 73 | 0.055 | 7000 | 1095 | 1987 | 0.047 | 0.058 | 1871 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 neptune ave | lte10ft | tph as motor oil | mg/kg | 47 | 51 | 92 | 22 | 23000 | 5326 | 6128 | 7 | 7 | 8607 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 neptune ave | lte10ft | vanadium | mg/kg | 51 | 51 | 100 | 17.9 | 34.6 | 25.67 | 4.157 | -- | -- | 26.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 neptune ave | lte10ft | xylenes, total | µg/kg | 34 | 51 | 67 | 0.15 | 130000 | 16192 | 33770 | 0.15 | 0.2 | 28276 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24738 neptune ave | lte10ft | zinc | mg/kg | 51 | 51 | 100 | 22.6 | 56.3 | 32.79 | 8.153 | -- | -- | 34.74 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 14 | 43 | 0.22 | 1.1 | 0.522 | 0.389 | 0.092 | 0.11 | 0.492 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.0078 | 0.16 | 0.0494 | 0.0501 | 0.0024 | 0.0024 | 0.104 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 panama ave | lte02ft | antimony | mg/kg | 10 | 14 | 71 | 0.232 | 0.919 | 0.455 | 0.203 | 0.219 | 0.219 | 0.489 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 1.75 | 4.37 | 2.796 | 0.704 | -- | -- | 3.148 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.019 | 0.377 | 0.114 | 0.112 | -- | -- | 0.189 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | benzene | µg/kg | 8 | 14 | 57 | 0.12 | 0.39 | 0.219 | 0.108 | 0.11 | 0.11 | 0.222 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.0031 | 0.52 | 0.125 | 0.137 | -- | -- | 0.217 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.013 | 0.28 | 0.0896 | 0.0851 | 0.0099 | 0.0099 | 0.183 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 14 | 86 | 0.0078 | 0.13 | 0.0475 | 0.0402 | 0.0024 | 0.007 | 0.0607 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte02ft | cadmium | mg/kg | 6 | 14 | 43 | 0.229 | 0.572 | 0.365 | 0.126 | 0.0883 | 0.0883 | 0.377 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.03 | 1.3 | 0.341 | 0.354 | -- | -- | 0.572 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 5.15 | 9.16 | 6.447 | 1.169 | -- | -- | 7.012 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 6.69 | 22 | 10.59 | 4.001 | -- | -- | 12.58 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24738 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 9 | 14 | 64 | 0.0079 | 0.069 | 0.0258 | 0.0183 | 0.0024 | 0.013 | 0.028 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 14 | 71 | 0.0085 | 0.11 | 0.0361 | 0.0313 | 0.0024 | 0.012 | 0.0421 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 6.26 | 61.8 | 15.52 | 13.96 | -- | -- | 21.59 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 panama ave | lte02ft | naphthalene | mg/kg | 6 | 14 | 43 | 0.00038 | 0.05 | 0.0207 | 0.0187 | 0.00026 | 0.0003 | 0.0206 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.027 | 0.84 | 0.233 | 0.282 | -- | -- | 0.425 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | toluene | µg/kg | 8 | 14 | 57 | 0.14 | 0.62 | 0.376 | 0.187 | 0.12 | 0.15 | 0.379 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 23 | 1800 | 317.6 | 472 | -- | -- | 867.5 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 panama ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 120 | 6600 | 1232 | 1785 | -- | -- | 2272 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 16.9 | 33.3 | 22.92 | 5.087 | -- | -- | 25.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 22.3 | 101 | 38.29 | 19.78 | -- | -- | 47.18 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 25 | 36 | 0.22 | 1.1 | 0.533 | 0.333 | 0.091 | 0.6 | 0.435 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 25 | 20 | 0.022 | 1.2 | 0.493 | 0.488 | 0.0011 | 0.21 | 0.624 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 25 | 88 | 0.002 | 0.92 | 0.14 | 0.219 | 0.0006 | 0.0024 | 0.307 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | antimony | mg/kg | 18 | 25 | 72 | 0.227 | 0.919 | 0.444 | 0.182 | 0.219 | 0.219 | 0.446 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 0.836 | 4.37 | 2.219 | 0.878 | -- | -- | 2.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte05ft | bap teq | mg/kg | 24 | 25 | 96 | 0.00131 | 2.037 | 0.307 | 0.515 | 0.00053 | 0.00053 | 0.738 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | benzene | µg/kg | 9 | 25 | 36 | 0.12 | 0.39 | 0.23 | 0.107 | 0.1 | 0.3 | 0.196 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 23 | 25 | 92 | 0.0031 | 2.5 | 0.347 | 0.579 | 0.0007 | 0.0007 | 0.81 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 22 | 25 | 88 | 0.0041 | 1.6 | 0.252 | 0.412 | 0.0005 | 0.0099 | 0.567 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 21 | 25 | 84 | 0.0009 | 0.88 | 0.146 | 0.245 | 0.0004 | 0.007 | 0.324 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | cadmium | mg/kg | 8 | 25 | 32 | 0.229 | 0.572 | 0.334 | 0.12 | 0.0883 | 0.0883 | 0.297 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte05ft | chrysene | mg/kg | 24 | 25 | 96 | 0.0017 | 7.7 | 0.994 | 1.8 | 0.0012 | 0.0012 | 2.502 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 3.84 | 9.16 | 5.678 | 1.316 | -- | -- | 6.129 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 3.99 | 22 | 9.522 | 3.737 | -- | -- | 10.85 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 17 | 25 | 68 | 0.0035 | 0.29 | 0.0507 | 0.0674 | 0.0007 | 0.013 | 0.0612 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | ethylbenzene | µg/kg | 5 | 25 | 20 | 0.15 | 0.93 | 0.462 | 0.292 | 0.12 | 0.3 | 0.481 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 25 | 80 | 0.0014 | 0.47 | 0.0953 | 0.141 | 0.0009 | 0.012 | 0.192 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 2.29 | 103 | 22.3 | 25.66 | -- | -- | 38.97 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24738 panama ave | lte05ft | naphthalene | mg/kg | 14 | 25 | 56 | 0.00038 | 0.24 | 0.0622 | 0.0753 | 0.00026 | 0.0003 | 0.0626 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | pyrene | mg/kg | 24 | 25 | 96 | 0.0041 | 19 | 1.573 | 4.15 | 0.0008 | 0.0008 | 5.066 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 panama ave | lte05ft | toluene | µg/kg | 12 | 25 | 48 | 0.14 | 0.62 | 0.368 | 0.169 | 0.12 | 0.4 | 0.323 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte05ft | tph as diesel | mg/kg | 22 | 25 | 88 | 23 | 4800 | 1211 | 1644 | 4.8 | 4.8 | 2456 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 panama ave | lte05ft | tph as motor oil | mg/kg | 23 | 25 | 92 | 21 | 7800 | 2300 | 2666 | 7 | 7 | 4414 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 12.4 | 42.3 | 22.4 | 6.627 | -- | -- | 24.75 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte05ft | xylenes, total | µg/kg | 5 | 25 | 20 | 0.23 | 2.2 | 1.058 | 0.846 | 0.16 | 16 | 0.884 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 14 | 101 | 36.35 | 18.02 | -- | -- | 42.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 32 | 31 | 0.15 | 1.1 | 0.495 | 0.336 | 0.087 | 0.6 | 0.371 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 32 | 22 | 0.0031 | 1.2 | 0.354 | 0.465 | 0.0011 | 0.21 | 0.161 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 26 | 32 | 81 | 0.0009 | 0.92 | 0.12 | 0.207 | 0.0006 | 0.0024 | 0.246 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 panama ave | lte10ft | antimony | mg/kg | 24 | 32 | 75 | 0.227 | 0.919 | 0.424 | 0.164 | 0.219 | 0.219 | 0.424 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 0.836 | 4.61 | 2.606 | 1.093 | -- | -- | 2.933 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte10ft | bap teq | mg/kg | 30 | 32 | 94 | 0.000788 | 2.037 | 0.248 | 0.474 | 0.00053 | 0.00053 | 0.589 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | benzene | µg/kg | 9 | 32 | 28 | 0.12 | 0.39 | 0.23 | 0.107 | 0.1 | 0.3 | 0.184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 27 | 32 | 84 | 0.0019 | 2.5 | 0.298 | 0.546 | 0.0007 | 0.0007 | 0.647 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 28 | 32 | 88 | 0.0005 | 1.6 | 0.2 | 0.377 | 0.0005 | 0.0099 | 0.452 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24738 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 25 | 32 | 78 | 0.0008 | 0.88 | 0.124 | 0.23 | 0.0004 | 0.007 | 0.258 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 32 | 16 | 0.0026 | 0.25 | 0.063 | 0.105 | 0.0011 | 0.029 | 0.0269 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | cadmium | mg/kg | 8 | 32 | 25 | 0.229 | 0.572 | 0.334 | 0.12 | 0.0883 | 0.0883 | 0.287 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 32 | 19 | 0.22 | 0.38 | 0.295 | 0.0715 | 0.22 | 0.22 | 0.274 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte10ft | chrysene | mg/kg | 30 | 32 | 94 | 0.0014 | 7.7 | 0.804 | 1.65 | 0.0012 | 0.0012 | 1.994 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 3.84 | 9.16 | 6.014 | 1.381 | -- | -- | 6.428 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte10ft | copper | mg/kg | 32 | 32 | 100 | 3.99 | 22 | 9.195 | 3.382 | -- | -- | 10.2 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 20 | 32 | 63 | 0.0035 | 0.29 | 0.0438 | 0.0641 | 0.0007 | 0.013 | 0.0476 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | ethylbenzene | µg/kg | 5 | 32 | 16 | 0.15 | 0.93 | 0.462 | 0.292 | 0.12 | 0.3 | 0.472 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 32 | 72 | 0.0014 | 0.47 | 0.0839 | 0.135 | 0.0009 | 0.012 | 0.153 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24738 panama ave | lte10ft | lead | mg/kg | 32 | 32 | 100 | 2.29 | 103 | 18.54 | 23.7 | -- | -- | 36.81 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 panama ave | lte10ft | naphthalene | mg/kg | 16 | 32 | 50 | 0.00038 | 0.24 | 0.0548 | 0.0729 | 0.00025 | 0.0003 | 0.0452 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | pyrene | mg/kg | 30 | 32 | 94 | 0.001 | 19 | 1.264 | 3.749 | 0.0008 | 0.0008 | 3.992 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24738 panama ave | lte10ft | toluene | µg/kg | 12 | 32 | 38 | 0.14 | 0.62 | 0.368 | 0.169 | 0.11 | 0.4 | 0.292 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte10ft | tph as diesel | mg/kg | 25 | 32 | 78 | 20 | 4800 | 1075 | 1583 | 4.8 | 4.8 | 1976 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24738 panama ave | lte10ft | tph as motor oil | mg/kg | 27 | 32 | 84 | 21 | 7800 | 1976 | 2577 | 7 | 7 | 3578 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24738 panama ave | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 12.4 | 42.3 | 24.51 | 7.188 | -- | -- | 26.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte10ft | xylenes, total | µg/kg | 5 | 32 | 16 | 0.23 | 2.2 | 1.058 | 0.846 | 0.15 | 16 | 0.92 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24738 panama ave | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 14 | 101 | 34.62 | 16.22 | -- | -- | 39.68 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 10 | 60 | 0.00062 | 0.009 | 0.00359 | 0.00395 | 0.0006 | 0.0006 | 0.00464 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.34 | 7.14 | 4.536 | 1.458 | -- | -- | 5.381 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | bap teq | mg/kg | 7 | 10 | 70 | 0.000538 | 0.00825 | 0.00235 | 0.00265 | 0.00053 | 0.00053 | 0.00335 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 5 | 10 | 50 | 0.0007 | 0.0069 | 0.00235 | 0.00257 | 0.0007 | 0.0007 | 0.00271 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 10 | 60 | 0.0006 | 0.0062 | 0.00197 | 0.00209 | 0.0005 | 0.0005 | 0.00249 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | chrysene | mg/kg | 6 | 10 | 60 | 0.0014 | 0.022 | 0.00648 | 0.00768 | 0.0012 | 0.0012 | 0.00826 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 4.81 | 7.64 | 6.237 | 0.999 | -- | -- | 6.816 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.28 | 10.2 | 8.805 | 0.889 | -- | -- | 9.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.12 | 7.78 | 5.826 | 1.469 | -- | -- | 6.677 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | naphthalene | mg/kg | 5 | 10 | 50 | 0.00044 | 0.019 | 0.00837 | 0.00756 | 0.00025 | 0.00065 | 0.0097 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | pyrene | mg/kg | 9 | 10 | 90 | 0.001 | 0.016 | 0.00578 | 0.0053 | 0.0008 | 0.0008 | 0.0125 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 26.3 | 34.9 | 29.23 | 2.71 | -- | -- | 30.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 25.7 | 31.5 | 28.75 | 1.814 | -- | -- | 29.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 20 | 90 | 0.0012 | 0.058 | 0.0151 | 0.0156 | 0.003 | 0.048 | 0.0294 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 1.01 | 4.5 | 2.103 | 1.082 | -- | -- | 2.571 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00339 | 0.415 | 0.0719 | 0.115 | -- | -- | 0.184 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte02ft | benzene | µg/kg | 11 | 20 | 55 | 0.11 | 0.35 | 0.191 | 0.0896 | 0.1 | 0.12 | 0.187 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 19 | 20 | 95 | 0.003 | 0.29 | 0.0522 | 0.0808 | 0.0052 | 0.0052 | 0.127 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 19 | 20 | 95 | 0.0026 | 0.35 | 0.0606 | 0.0973 | 0.0039 | 0.0039 | 0.151 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 20 | 70 | 0.0011 | 0.13 | 0.0295 | 0.0378 | 0.0007 | 0.007 | 0.0356 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 20 | 25 | 0.0028 | 0.024 | 0.0124 | 0.00989 | 0.0011 | 0.09 | 0.0115 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte02ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0057 | 0.76 | 0.151 | 0.237 | -- | -- | 0.382 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 5.58 | 8.4 | 6.68 | 0.832 | -- | -- | 7.002 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 6.99 | 18.9 | 9.829 | 2.442 | -- | -- | 10.83 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 9 | 20 | 45 | 0.0012 | 0.048 | 0.0119 | 0.0156 | 0.0007 | 0.054 | 0.0114 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 20 | 75 | 0.0015 | 0.15 | 0.0232 | 0.0379 | 0.0017 | 0.017 | 0.0513 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 4.88 | 39.1 | 15.34 | 9.129 | -- | -- | 19.3 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte02ft | naphthalene | mg/kg | 12 | 20 | 60 | 0.0013 | 0.025 | 0.00955 | 0.00873 | 0.00025 | 0.00029 | 0.0098 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0048 | 2.5 | 0.232 | 0.574 | -- | -- | 0.792 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 neptune ave | lte02ft | toluene | µg/kg | 6 | 20 | 30 | 0.12 | 0.44 | 0.302 | 0.142 | 0.11 | 0.49 | 0.291 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte02ft | tph as diesel | mg/kg | 20 | 20 | 100 | 16 | 8700 | 809.2 | 2027 | -- | -- | 2785 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte02ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 26 | 18000 | 1993 | 4352 | -- | -- | 6235 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 18.5 | 28.5 | 22.76 | 3.198 | -- | -- | 24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 24.7 | 90.1 | 45.12 | 18.8 | -- | -- | 52.72 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 31 | 16 | 0.1 | 0.56 | 0.348 | 0.22 | 0.085 | 0.55 | 0.477 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 31 | 29 | 0.0024 | 0.24 | 0.0378 | 0.0777 | 0.0011 | 0.086 | 0.0485 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 27 | 31 | 87 | 0.001 | 0.3 | 0.0264 | 0.0574 | 0.0006 | 0.048 | 0.0659 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte05ft | arsenic | mg/kg | 31 | 31 | 100 | 0.651 | 4.5 | 2.028 | 0.992 | -- | -- | 2.362 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte05ft | bap teq | mg/kg | 31 | 31 | 100 | 0.00113 | 0.415 | 0.055 | 0.0959 | -- | -- | 0.13 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte05ft | benzene | µg/kg | 14 | 31 | 45 | 0.11 | 0.35 | 0.181 | 0.0816 | 0.1 | 0.12 | 0.166 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24739 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 29 | 31 | 94 | 0.0007 | 0.29 | 0.0411 | 0.0682 | 0.0033 | 0.0052 | 0.0908 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 30 | 31 | 97 | 0.0008 | 0.35 | 0.0456 | 0.0804 | 0.0039 | 0.0039 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 22 | 31 | 71 | 0.0011 | 0.13 | 0.0219 | 0.032 | 0.0004 | 0.007 | 0.0383 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 31 | 29 | 0.0012 | 0.033 | 0.0131 | 0.0118 | 0.0011 | 0.09 | 0.00884 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte05ft | chrysene | mg/kg | 31 | 31 | 100 | 0.0017 | 0.76 | 0.117 | 0.198 | -- | -- | 0.187 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 neptune ave | lte05ft | cobalt | mg/kg | 31 | 31 | 100 | 5.58 | 9.73 | 6.791 | 0.994 | -- | -- | 7.092 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 neptune ave | lte05ft | copper | mg/kg | 31 | 31 | 100 | 5.68 | 18.9 | 9.091 | 2.336 | -- | -- | 9.834 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 31 | 35 | 0.0012 | 0.048 | 0.0108 | 0.0143 | 0.0007 | 0.054 | 0.00796 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 31 | 65 | 0.0015 | 0.15 | 0.0193 | 0.0334 | 0.0009 | 0.017 | 0.0353 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte05ft | lead | mg/kg | 31 | 31 | 100 | 3.71 | 39.1 | 12.69 | 8.228 | -- | -- | 15.4 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte05ft | naphthalene | mg/kg | 19 | 31 | 61 | 0.001 | 0.025 | 0.00919 | 0.0077 | 0.00025 | 0.00029 | 0.0084 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte05ft | pyrene | mg/kg | 31 | 31 | 100 | 0.0013 | 2.5 | 0.169 | 0.467 | -- | -- | 0.534 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte05ft | toluene | µg/kg | 8 | 31 | 26 | 0.12 | 0.44 | 0.258 | 0.145 | 0.11 | 0.49 | 0.188 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte05ft | tph as diesel | mg/kg | 29 | 31 | 94 | 11 | 8700 | 597.9 | 1701 | 4.8 | 4.8 | 1854 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte05ft | tph as gasoline | mg/kg | 7 | 31 | 23 | 0.049 | 0.12 | 0.0871 | 0.0254 | 0.046 | 0.066 | 0.0799 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte05ft | tph as motor oil | mg/kg | 29 | 31 | 94 | 26 | 18000 | 1475 | 3674 | 7 | 7 | 4178 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte05ft | vanadium | mg/kg | 31 | 31 | 100 | 18.5 | 32.2 | 23.02 | 3.792 | -- | -- | 24.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 neptune ave | lte05ft | xylenes, total | µg/kg | 6 | 31 | 19 | 0.18 | 0.36 | 0.242 | 0.0786 | 0.15 | 0.52 | 0.222 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte05ft | zinc | mg/kg | 31 | 31 | 100 | 22.1 | 90.1 | 40.72 | 17.33 | -- | -- | 45.98 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 41 | 15 | 0.1 | 0.56 | 0.325 | 0.205 | 0.085 | 0.55 | 0.248 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 41 | 29 | 0.0015 | 0.24 | 0.0293 | 0.068 | 0.0011 | 0.086 | 0.0241 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 33 | 41 | 80 | 0.00062 | 0.3 | 0.0223 | 0.0525 | 0.0006 | 0.048 | 0.0509 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | antimony | mg/kg | 5 | 41 | 12 | 0.366 | 0.607 | 0.48 | 0.11 | 0.306 | 0.306 | 0.497 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte10ft | arsenic | mg/kg | 41 | 41 | 100 | 0.651 | 7.14 | 2.64 | 1.551 | -- | -- | 3.085 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte10ft | bap teq | mg/kg | 38 | 41 | 93 | 0.000538 | 0.415 | 0.0453 | 0.0888 | 0.00053 | 0.00053 | 0.101 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | benzene | µg/kg | 17 | 41 | 41 | 0.11 | 0.35 | 0.175 | 0.0753 | 0.1 | 0.12 | 0.155 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 34 | 41 | 83 | 0.0007 | 0.29 | 0.0354 | 0.0644 | 0.0007 | 0.0052 | 0.0704 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 36 | 41 | 88 | 0.0006 | 0.35 | 0.0384 | 0.075 | 0.0005 | 0.0039 | 0.0824 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 26 | 41 | 63 | 0.0007 | 0.13 | 0.0187 | 0.0302 | 0.0004 | 0.007 | 0.0296 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 41 | 24 | 0.0012 | 0.033 | 0.0119 | 0.0117 | 0.0011 | 0.09 | 0.00685 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte10ft | cadmium | mg/kg | 5 | 41 | 12 | 0.391 | 0.614 | 0.5 | 0.0841 | 0.0883 | 0.0883 | 0.512 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 41 | 17 | 0.23 | 0.52 | 0.317 | 0.116 | 0.22 | 0.22 | 0.261 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 neptune ave | lte10ft | chrysene | mg/kg | 37 | 41 | 90 | 0.0014 | 0.76 | 0.0992 | 0.186 | 0.0012 | 0.0012 | 0.211 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | cobalt | mg/kg | 41 | 41 | 100 | 4.81 | 9.73 | 6.656 | 1.011 | -- | -- | 6.922 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte10ft | copper | mg/kg | 41 | 41 | 100 | 5.68 | 18.9 | 9.021 | 2.07 | -- | -- | 9.588 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 41 | 29 | 0.0012 | 0.048 | 0.01 | 0.0139 | 0.00067 | 0.054 | 0.00625 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 41 | 51 | 0.0015 | 0.15 | 0.0185 | 0.0328 | 0.00087 | 0.017 | 0.0273 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | lead | mg/kg | 41 | 41 | 100 | 3.12 | 39.1 | 11.02 | 7.757 | -- | -- | 12.98 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | naphthalene | mg/kg | 24 | 41 | 59 | 0.00044 | 0.025 | 0.00902 | 0.00752 | 0.00025 | 0.00065 | 0.00735 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 neptune ave | lte10ft | pyrene | mg/kg | 40 | 41 | 98 | 0.001 | 2.5 | 0.132 | 0.415 | 0.0008 | 0.0008 | 0.408 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | toluene | µg/kg | 9 | 41 | 22 | 0.12 | 0.44 | 0.256 | 0.136 | 0.11 | 0.49 | 0.184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte10ft | tph as diesel | mg/kg | 33 | 41 | 80 | 6.1 | 8700 | 526.4 | 1604 | 4.8 | 4.8 | 1415 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | tph as gasoline | mg/kg | 9 | 41 | 22 | 0.049 | 0.12 | 0.0849 | 0.0238 | 0.046 | 0.066 | 0.0729 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte10ft | tph as motor oil | mg/kg | 33 | 41 | 80 | 17 | 18000 | 1299 | 3470 | 7 | 7 | 3197 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 neptune ave | lte10ft | vanadium | mg/kg | 41 | 41 | 100 | 18.5 | 34.9 | 24.53 | 4.441 | -- | -- | 25.71 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 neptune ave | lte10ft | xylenes, total | µg/kg | 6 | 41 | 15 | 0.18 | 0.36 | 0.242 | 0.0786 | 0.15 | 0.52 | 0.208 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 neptune ave | lte10ft | zinc | mg/kg | 41 | 41 | 100 | 22.1 | 90.1 | 37.8 | 15.91 | -- | -- | 42.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 10 | 70 | 0.14 | 12000 | 3637 | 5414 | 0.092 | 0.094 | 4951 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 10 | 60 | 0.24 | 3900 | 1104 | 1605 | 0.076 | 0.08 | 1443 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 10 | 80 | 0.0016 | 16 | 3.026 | 5.777 | 0.0011 | 0.0011 | 9.764 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 9 | 10 | 90 | 0.0008 | 23 | 4.001 | 7.968 | 0.0006 | 0.0006 | 14.17 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | antimony | mg/kg | 5 | 10 | 50 | 0.42 | 0.793 | 0.594 | 0.141 | 0.28 | 0.306 | 0.628 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.14 | 5.51 | 3.71 | 1.044 | -- | -- | 4.315 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | bap teq | mg/kg | 6 | 10 | 60 | 0.00302 | 0.26 | 0.0538 | 0.102 | 0.00053 | 0.00053 | 0.0841 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | benzene | µg/kg | 7 | 10 | 70 | 0.12 | 990 | 244.7 | 415.9 | 0.1 | 0.11 | 369.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 10 | 60 | 0.0035 | 0.57 | 0.106 | 0.228 | 0.0007 | 0.0007 | 0.18 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 10 | 50 | 0.0014 | 0.45 | 0.121 | 0.193 | 0.0004 | 0.0018 | 0.149 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | cadmium | mg/kg | 8 | 10 | 80 | 0.24 | 0.33 | 0.306 | 0.0338 | 0.0883 | 0.0883 | 0.322 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | gt05lte10ft | chrysene | mg/kg | 6 | 10 | 60 | 0.0074 | 1.5 | 0.282 | 0.599 | 0.0012 | 0.0012 | 0.47 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24739 panama ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 7.1 | 9.69 | 8.56 | 0.881 | -- | -- | 9.071 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.06 | 10 | 8.994 | 1.002 | -- | -- | 9.575 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 6 | 10 | 60 | 0.5 | 6600 | 1678 | 2719 | 0.12 | 0.12 | 2318 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.23 | 6.46 | 4.686 | 1.056 | -- | -- | 5.298 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.00033 | 13 | 2.334 | 4.593 | -- | -- | 13 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | pyrene | mg/kg | 7 | 10 | 70 | 0.0038 | 3.9 | 0.638 | 1.445 | 0.0008 | 0.0008 | 1.186 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | toluene | µg/kg | 5 | 10 | 50 | 0.13 | 300 | 70.53 | 129.6 | 0.12 | 0.67 | 93.15 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 10 | 80 | 5.6 | 16000 | 3184 | 5947 | 4.8 | 4.8 | 10115 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 9 | 10 | 90 | 0.053 | 2300 | 386.6 | 779.2 | 0.048 | 0.048 | 1381 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 10 | 80 | 13 | 40000 | 6056 | 13933 | 7 | 7 | 22391 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 24.6 | 37 | 31.49 | 4.322 | -- | -- | 34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | xylenes, total | µg/kg | 6 | 10 | 60 | 1 | 14000 | 3667 | 5719 | 0.15 | 0.16 | 5000 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 23.4 | 35.3 | 30.25 | 3.729 | -- | -- | 32.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 22 | 27 | 0.094 | 48000 | 8000 | 19596 | 0.083 | 0.11 | 12360 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 18 | 22 | 82 | 0.0017 | 16 | 1.588 | 4.43 | 0.0011 | 0.0086 | 5.069 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 22 | 22 | 100 | 0.0021 | 37 | 2.544 | 8.503 | -- | -- | 10.45 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte02ft | antimony | mg/kg | 5 | 22 | 23 | 0.28 | 0.977 | 0.599 | 0.322 | 0.28 | 0.306 | 0.603 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte02ft | arsenic | mg/kg | 22 | 22 | 100 | 1.42 | 9.32 | 3.512 | 1.844 | -- | -- | 4.215 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte02ft | bap teq | mg/kg | 22 | 22 | 100 | 0.0027 | 0.418 | 0.0545 | 0.0878 | -- | -- | 0.0856 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte02ft | benzene | µg/kg | 18 | 22 | 82 | 0.12 | 1000 | 56.22 | 235.5 | 0.11 | 0.11 | 245.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 22 | 22 | 100 | 0.0031 | 0.4 | 0.059 | 0.0888 | -- | -- | 0.0953 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 21 | 22 | 95 | 0.002 | 0.28 | 0.0358 | 0.059 | 0.1 | 0.1 | 0.0891 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 20 | 22 | 91 | 0.0011 | 0.34 | 0.0442 | 0.0803 | 0.0004 | 0.0004 | 0.112 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 22 | 36 | 0.0024 | 0.012 | 0.0059 | 0.00349 | 0.0011 | 0.15 | 0.00557 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte02ft | cadmium | mg/kg | 18 | 22 | 82 | 0.24 | 0.57 | 0.317 | 0.0876 | 0.0883 | 0.0883 | 0.382 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte02ft | chrysene | mg/kg | 22 | 22 | 100 | 0.0061 | 0.91 | 0.157 | 0.219 | -- | -- | 0.253 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte02ft | cobalt | mg/kg | 22 | 22 | 100 | 5.42 | 7.99 | 6.715 | 0.79 | -- | -- | 7.004 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte02ft | copper | mg/kg | 22 | 22 | 100 | 7 | 14.2 | 9.56 | 1.929 | -- | -- | 10.28 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 11 | 22 | 50 | 0.0012 | 0.016 | 0.00715 | 0.00586 | 0.0007 | 0.09 | 0.00686 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 22 | 73 | 0.0018 | 0.033 | 0.0114 | 0.00824 | 0.0009 | 0.087 | 0.0125 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte02ft | lead | mg/kg | 22 | 22 | 100 | 2.9 | 45 | 7.99 | 8.9 | -- | -- | 16.26 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte02ft | methylene chloride | µg/kg | 6 | 22 | 27 | 4.3 | 8.6 | 6.333 | 1.885 | 3.7 | 180 | 6.09 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte02ft | naphthalene | mg/kg | 19 | 22 | 86 | 0.00058 | 25 | 1.622 | 5.784 | 0.00027 | 0.00028 | 6.424 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte02ft | pyrene | mg/kg | 22 | 22 | 100 | 0.0027 | 1.5 | 0.174 | 0.352 | -- | -- | 0.501 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte02ft | toluene | µg/kg | 12 | 22 | 55 | 0.12 | 1.1 | 0.348 | 0.34 | 0.11 | 31 | 0.361 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte02ft | tph as diesel | mg/kg | 22 | 22 | 100 | 7.2 | 17000 | 1717 | 3857 | -- | -- | 5301 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte02ft | tph as gasoline | mg/kg | 17 | 22 | 77 | 0.081 | 3600 | 212.1 | 873 | 0.048 | 0.05 | 882.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte02ft | tph as motor oil | mg/kg | 22 | 22 | 100 | 30 | 33000 | 3502 | 7141 | -- | -- | 6749 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte02ft | vanadium | mg/kg | 22 | 22 | 100 | 17.3 | 33.6 | 25.27 | 4.598 | -- | -- | 26.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte02ft | zinc | mg/kg | 22 | 22 | 100 | 22.5 | 54 | 32.33 | 7.342 | -- | -- | 35.04 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 33 | 42 | 0.094 | 48000 | 5189 | 12639 | 0.083 | 0.11 | 8766 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 33 | 27 | 0.22 | 10000 | 1339 | 3267 | 0.07 | 0.095 | 901.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 27 | 33 | 82 | 0.0011 | 27 | 2.836 | 6.306 | 0.0011 | 0.0086 | 6.731 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 33 | 33 | 100 | 0.0006 | 37 | 3.87 | 9.402 | -- | -- | 11 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte05ft | antimony | mg/kg | 7 | 33 | 21 | 0.28 | 0.977 | 0.65 | 0.287 | 0.28 | 0.306 | 0.598 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte05ft | arsenic | mg/kg | 33 | 33 | 100 | 0.925 | 9.32 | 3.052 | 1.761 | -- | -- | 3.595 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte05ft | bap teq | mg/kg | 32 | 33 | 97 | 0.00187 | 0.525 | 0.0677 | 0.117 | 0.00053 | 0.00053 | 0.154 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 panama ave | lte05ft | benzene | µg/kg | 26 | 33 | 79 | 0.12 | 1000 | 72.14 | 225 | 0.11 | 0.3 | 210.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 31 | 33 | 94 | 0.0024 | 0.7 | 0.087 | 0.154 | 0.0007 | 0.0007 | 0.196 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 27 | 33 | 82 | 0.0011 | 0.35 | 0.0489 | 0.0857 | 0.0005 | 0.1 | 0.101 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 26 | 33 | 79 | 0.0011 | 0.38 | 0.0604 | 0.1 | 0.0004 | 0.0018 | 0.118 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 33 | 24 | 0.0024 | 0.012 | 0.0059 | 0.00349 | 0.0011 | 0.15 | 0.00486 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte05ft | cadmium | mg/kg | 27 | 33 | 82 | 0.21 | 0.57 | 0.293 | 0.0814 | 0.0883 | 0.0883 | 0.339 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte05ft | chromium, hexavalent | mg/kg | 8 | 33 | 24 | 0.18 | 0.61 | 0.299 | 0.134 | 0.0025 | 0.22 | 0.24 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte05ft | chrysene | mg/kg | 32 | 33 | 97 | 0.0037 | 1.2 | 0.185 | 0.274 | 0.0012 | 0.0012 | 0.386 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte05ft | cobalt | mg/kg | 33 | 33 | 100 | 5.05 | 8.12 | 6.563 | 0.9 | -- | -- | 6.828 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte05ft | copper | mg/kg | 33 | 33 | 100 | 5.77 | 14.2 | 8.946 | 2.156 | -- | -- | 9.594 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 33 | 33 | 0.0012 | 0.016 | 0.00715 | 0.00586 | 0.0007 | 0.09 | 0.0053 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte05ft | ethylbenzene | µg/kg | 9 | 33 | 27 | 0.13 | 8600 | 1338 | 2770 | 0.11 | 0.15 | 830.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24739 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 33 | 48 | 0.0018 | 0.033 | 0.0114 | 0.00824 | 0.0009 | 0.087 | 0.00952 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte05ft | lead | mg/kg | 33 | 33 | 100 | 2.5 | 45 | 6.549 | 7.57 | -- | -- | 12.29 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte05ft | methylene chloride | µg/kg | 13 | 33 | 39 | 4.1 | 8.6 | 6.008 | 1.487 | 3.7 | 180 | 5.379 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte05ft | naphthalene | mg/kg | 28 | 33 | 85 | 0.00058 | 25 | 2.324 | 5.484 | 0.00025 | 0.00028 | 5.859 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte05ft | pyrene | mg/kg | 32 | 33 | 97 | 0.0027 | 4.4 | 0.367 | 0.871 | 0.0008 | 0.0008 | 1.009 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte05ft | toluene | µg/kg | 18 | 33 | 55 | 0.12 | 240 | 13.79 | 56.46 | 0.11 | 31 | 39.67 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte05ft | tph as diesel | mg/kg | 31 | 33 | 94 | 7.2 | 18000 | 2205 | 4529 | 4.8 | 4.8 | 5427 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte05ft | tph as gasoline | mg/kg | 27 | 33 | 82 | 0.071 | 3600 | 193.1 | 695.5 | 0.048 | 0.05 | 638.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte05ft | tph as motor oil | mg/kg | 31 | 33 | 94 | 30 | 56000 | 4866 | 11356 | 7 | 7 | 12972 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte05ft | vanadium | mg/kg | 33 | 33 | 100 | 16.3 | 33.6 | 24.24 | 5.236 | -- | -- | 25.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte05ft | xylenes, total | µg/kg | 11 | 33 | 33 | 0.21 | 26000 | 2863 | 7733 | 0.14 | 0.17 | 2336 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte05ft | zinc | mg/kg | 33 | 33 | 100 | 18.6 | 54 | 30.03 | 8.148 | -- | -- | 32.47 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 21 | 43 | 49 | 0.094 | 48000 | 4672 | 10639 | 0.083 | 0.11 | 7473 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 15 | 43 | 35 | 0.22 | 10000 | 1245 | 2652 | 0.07 | 0.095 | 866 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 35 | 43 | 81 | 0.0011 | 27 | 2.88 | 6.107 | 0.0011 | 0.0086 | 6.084 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 42 | 43 | 98 | 0.0006 | 37 | 3.898 | 9.022 | 0.0006 | 0.0006 | 9.747 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte10ft | antimony | mg/kg | 12 | 43 | 28 | 0.28 | 0.977 | 0.627 | 0.23 | 0.28 | 0.306 | 0.512 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte10ft | arsenic | mg/kg | 43 | 43 | 100 | 0.925 | 9.32 | 3.217 | 1.654 | -- | -- | 3.668 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte10ft | bap teq | mg/kg | 38 | 43 | 88 | 0.00187 | 0.525 | 0.0655 | 0.114 | 0.00053 | 0.00053 | 0.131 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte10ft | benzene | µg/kg | 33 | 43 | 77 | 0.12 | 1000 | 108.7 | 277.7 | 0.1 | 0.3 | 248.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 43 | 86 | 0.0024 | 0.7 | 0.0901 | 0.164 | 0.0007 | 0.0007 | 0.181 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 31 | 43 | 72 | 0.0011 | 0.35 | 0.0433 | 0.0812 | 0.0005 | 0.1 | 0.0798 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 31 | 43 | 72 | 0.0011 | 0.45 | 0.0701 | 0.118 | 0.0004 | 0.0018 | 0.12 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 43 | 19 | 0.0024 | 0.012 | 0.0059 | 0.00349 | 0.0011 | 0.15 | 0.00468 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte10ft | bromomethane | µg/kg | 5 | 43 | 12 | 0.94 | 530 | 107.3 | 236.3 | 0.66 | 36 | 72.57 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte10ft | cadmium | mg/kg | 35 | 43 | 81 | 0.21 | 0.57 | 0.296 | 0.073 | 0.0883 | 0.0883 | 0.329 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte10ft | chromium, hexavalent | mg/kg | 12 | 43 | 28 | 0.18 | 0.61 | 0.301 | 0.111 | 0.0025 | 0.22 | 0.24 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte10ft | chrysene | mg/kg | 38 | 43 | 88 | 0.0037 | 1.5 | 0.201 | 0.336 | 0.0012 | 0.0012 | 0.392 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 panama ave | lte10ft | cobalt | mg/kg | 43 | 43 | 100 | 5.05 | 9.69 | 7.027 | 1.23 | -- | -- | 7.343 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte10ft | copper | mg/kg | 43 | 43 | 100 | 5.77 | 14.2 | 9.02 | 1.987 | -- | -- | 9.539 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 43 | 28 | 0.0009 | 0.016 | 0.00663 | 0.00587 | 0.0007 | 0.09 | 0.0042 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte10ft | ethylbenzene | µg/kg | 15 | 43 | 35 | 0.13 | 8600 | 1474 | 2656 | 0.11 | 0.15 | 957.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 43 | 40 | 0.0009 | 0.033 | 0.0107 | 0.00837 | 0.0009 | 0.087 | 0.00744 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte10ft | lead | mg/kg | 43 | 43 | 100 | 2.5 | 45 | 6.116 | 6.674 | -- | -- | 10.55 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte10ft | methylene chloride | µg/kg | 17 | 43 | 40 | 4 | 8.6 | 5.859 | 1.464 | 3.7 | 200 | 5.21 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte10ft | naphthalene | mg/kg | 38 | 43 | 88 | 0.00033 | 25 | 2.327 | 5.204 | 0.00025 | 0.00028 | 5.346 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte10ft | pyrene | mg/kg | 39 | 43 | 91 | 0.0027 | 4.4 | 0.416 | 0.98 | 0.0008 | 0.0008 | 1.003 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte10ft | tert-butyl alcohol (tba) | µg/kg | 6 | 43 | 14 | 6.6 | 13 | 8.5 | 2.287 | 5 | 290 | 7.193 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte10ft | toluene | µg/kg | 23 | 43 | 53 | 0.12 | 300 | 26.13 | 78.04 | 0.11 | 31 | 52.99 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte10ft | tph as diesel | mg/kg | 39 | 43 | 91 | 5.6 | 18000 | 2406 | 4782 | 4.8 | 4.8 | 5246 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte10ft | tph as gasoline | mg/kg | 36 | 43 | 84 | 0.053 | 3600 | 241.5 | 710.9 | 0.048 | 0.05 | 638.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 panama ave | lte10ft | tph as motor oil | mg/kg | 39 | 43 | 91 | 13 | 56000 | 5110 | 11739 | 7 | 7 | 12134 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 panama ave | lte10ft | vanadium | mg/kg | 43 | 43 | 100 | 16.3 | 37.3 | 25.96 | 5.92 | -- | -- | 27.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 panama ave | lte10ft | xylenes, total | µg/kg | 17 | 43 | 40 | 0.21 | 26000 | 3147 | 6910 | 0.14 | 0.17 | 2431 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 panama ave | lte10ft | zinc | mg/kg | 43 | 43 | 100 | 18.6 | 54 | 30.08 | 7.319 | -- | -- | 31.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 10 | 100 | 0.092 | 34000 | 8706 | 11355 | -- | -- | 34000 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 10 | 90 | 1.7 | 12000 | 3082 | 3968 | 0.076 | 0.076 | 8136 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.0021 | 62 | 18.77 | 19.75 | -- | -- | 30.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.0036 | 98 | 30.91 | 31.69 | -- | -- | 49.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 1.92 | 4.09 | 2.514 | 0.668 | -- | -- | 2.919 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | bap teq | mg/kg | 8 | 10 | 80 | 0.000924 | 1.062 | 0.389 | 0.381 | 0.00053 | 0.0513 | 0.532 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | benzene | µg/kg | 9 | 10 | 90 | 0.25 | 11000 | 3472 | 3836 | 11 | 11 | 5330 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 10 | 60 | 0.0007 | 0.85 | 0.407 | 0.377 | 0.0007 | 0.55 | 0.489 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 10 | 50 | 0.0006 | 0.71 | 0.31 | 0.318 | 0.0005 | 0.49 | 0.406 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | chrysene | mg/kg | 8 | 10 | 80 | 0.0015 | 3.7 | 1.115 | 1.258 | 0.0012 | 0.12 | 1.6 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 6.23 | 7.63 | 7.121 | 0.443 | -- | -- | 7.378 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.44 | 10.6 | 9.318 | 0.911 | -- | -- | 9.846 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 10 | 80 | 16 | 12000 | 7352 | 4507 | 0.12 | 0.12 | 8990 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 5.41 | 6.72 | 5.916 | 0.379 | -- | -- | 6.136 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24739 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.0041 | 34 | 12.51 | 11.06 | -- | -- | 18.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.001 | 5.3 | 1.679 | 1.908 | -- | -- | 5.3 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | toluene | µg/kg | 7 | 10 | 70 | 0.12 | 45000 | 6758 | 16867 | 0.12 | 13 | 13782 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 10 | 80 | 51 | 19000 | 10494 | 6144 | 4.8 | 4.8 | 12690 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 9 | 10 | 90 | 0.25 | 2700 | 1422 | 1027 | 0.047 | 0.047 | 1902 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 10 | 80 | 64 | 18000 | 9633 | 5211 | 7 | 7 | 11550 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 28.2 | 35.6 | 30.64 | 2.078 | -- | -- | 31.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 10 | 100 | 0.21 | 86000 | 12166 | 26321 | -- | -- | 73161 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 26.5 | 31.6 | 29.25 | 1.68 | -- | -- | 30.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 20 | 80 | 0.11 | 1900 | 210.4 | 531.8 | 0.094 | 0.11 | 639.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte02ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 20 | 30 | 0.11 | 870 | 191.8 | 339.5 | 0.075 | 0.09 | 138.6 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 20 | 45 | 0.0046 | 31 | 5.739 | 10.39 | 0.0011 | 0.47 | 5.524 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 19 | 20 | 95 | 0.001 | 38 | 3.547 | 9.551 | 0.2 | 0.2 | 12.48 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24739 ravenna ave | lte02ft | arsenic | mg/kg | 19 | 20 | 95 | 0.49 | 2.71 | 1.668 | 0.771 | 0.398 | 0.398 | 1.917 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | lte02ft | bap teq | mg/kg | 18 | 20 | 90 | 0.00182 | 1.333 | 0.169 | 0.307 | 0.261 | 0.261 | 0.448 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | benzene | µg/kg | 16 | 20 | 80 | 0.15 | 870 | 71.24 | 221.9 | 0.11 | 11 | 252.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 20 | 85 | 0.0011 | 1.3 | 0.2 | 0.335 | 0.22 | 0.33 | 0.488 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 20 | 80 | 0.0013 | 0.96 | 0.12 | 0.235 | 0.099 | 0.25 | 0.315 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 20 | 45 | 0.0013 | 0.067 | 0.0258 | 0.0273 | 0.0004 | 0.35 | 0.0291 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | cadmium | mg/kg | 10 | 20 | 50 | 0.0886 | 0.554 | 0.21 | 0.161 | 0.0883 | 0.0883 | 0.199 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte02ft | chrysene | mg/kg | 18 | 20 | 90 | 0.0021 | 3.6 | 0.502 | 0.859 | 0.56 | 0.56 | 1.27 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 2.44 | 7.79 | 6.216 | 1.178 | -- | -- | 6.671 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 5 | 18.2 | 9.801 | 2.669 | -- | -- | 10.86 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | ethylbenzene | µg/kg | 10 | 20 | 50 | 0.17 | 790 | 91.14 | 246.8 | 0.12 | 0.14 | 115.6 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 20 | 30 | 0.0015 | 0.039 | 0.0148 | 0.0145 | 0.0009 | 0.87 | 0.0184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 3.12 | 27.2 | 9.489 | 6.085 | -- | -- | 11.98 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | naphthalene | mg/kg | 17 | 20 | 85 | 0.00044 | 14 | 1.541 | 3.634 | 0.00026 | 0.0003 | 4.622 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte02ft | pyrene | mg/kg | 18 | 20 | 90 | 0.0025 | 10 | 0.885 | 2.333 | 0.41 | 0.41 | 2.975 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | toluene | µg/kg | 16 | 20 | 80 | 0.12 | 16 | 2.235 | 5.007 | 0.11 | 12 | 6.278 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte02ft | tph as diesel | mg/kg | 18 | 20 | 90 | 6.2 | 19000 | 3027 | 5270 | 4.8 | 4.8 | 7682 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | tph as gasoline | mg/kg | 10 | 20 | 50 | 0.071 | 340 | 35.14 | 107.1 | 0.048 | 0.065 | 93.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte02ft | tph as motor oil | mg/kg | 19 | 20 | 95 | 14 | 24000 | 4227 | 6203 | 7 | 7 | 9981 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 8.72 | 28.3 | 22.22 | 4.993 | -- | -- | 24.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24739 ravenna ave | lte02ft | xylenes, total | µg/kg | 16 | 20 | 80 | 0.23 | 300 | 41.09 | 95.39 | 0.15 | 0.18 | 117.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 14 | 52.7 | 31.73 | 9.677 | -- | -- | 35.76 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 27 | 32 | 84 | 0.11 | 21000 | 3312 | 6135 | 0.089 | 0.11 | 7238 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 15 | 32 | 47 | 0.11 | 7700 | 1801 | 2458 | 0.074 | 0.09 | 1421 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 21 | 32 | 66 | 0.0026 | 76 | 18.32 | 23.46 | 0.0011 | 0.47 | 17.39 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 31 | 32 | 97 | 0.001 | 110 | 17.95 | 30.95 | 0.2 | 0.2 | 40.99 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte05ft | arsenic | mg/kg | 31 | 32 | 97 | 0.49 | 2.71 | 1.348 | 0.745 | 0.398 | 0.398 | 1.546 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte05ft | bap teq | mg/kg | 29 | 32 | 91 | 0.000653 | 1.43 | 0.294 | 0.402 | 0.00513 | 0.261 | 0.572 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte05ft | benzene | µg/kg | 27 | 32 | 84 | 0.15 | 8300 | 1145 | 2466 | 0.11 | 11 | 2742 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 26 | 32 | 81 | 0.0011 | 2.3 | 0.452 | 0.632 | 0.0065 | 0.33 | 0.834 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 21 | 32 | 66 | 0.0013 | 0.99 | 0.216 | 0.321 | 0.0005 | 0.25 | 0.234 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 11 | 32 | 34 | 0.0013 | 0.28 | 0.0648 | 0.0918 | 0.0004 | 0.35 | 0.0513 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte05ft | cadmium | mg/kg | 10 | 32 | 31 | 0.0886 | 0.554 | 0.21 | 0.161 | 0.0883 | 0.0883 | 0.159 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte05ft | chrysene | mg/kg | 29 | 32 | 91 | 0.0021 | 4.6 | 1.075 | 1.405 | 0.012 | 0.56 | 2.038 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 2.44 | 7.92 | 6.246 | 1.012 | -- | -- | 6.55 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte05ft | copper | mg/kg | 32 | 32 | 100 | 5 | 18.2 | 8.778 | 2.581 | -- | -- | 9.55 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte05ft | ethylbenzene | µg/kg | 21 | 32 | 66 | 0.17 | 17000 | 3179 | 5273 | 0.12 | 0.14 | 3486 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 32 | 22 | 0.0015 | 0.5 | 0.0841 | 0.184 | 0.0009 | 0.87 | 0.0552 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte05ft | lead | mg/kg | 32 | 32 | 100 | 3.12 | 27.2 | 8.037 | 5.665 | -- | -- | 12.4 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte05ft | naphthalene | mg/kg | 29 | 32 | 91 | 0.00044 | 43 | 7.769 | 12.4 | 0.00026 | 0.0003 | 16.31 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte05ft | pyrene | mg/kg | 30 | 32 | 94 | 0.0025 | 10 | 2.137 | 3.445 | 0.41 | 0.41 | 4.607 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte05ft | toluene | µg/kg | 26 | 32 | 81 | 0.12 | 13000 | 660.7 | 2564 | 0.11 | 12 | 2329 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte05ft | tph as diesel | mg/kg | 28 | 32 | 88 | 6.2 | 31000 | 7423 | 8657 | 4.8 | 4.8 | 13026 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte05ft | tph as gasoline | mg/kg | 21 | 32 | 66 | 0.071 | 3300 | 771.6 | 1199 | 0.047 | 0.065 | 1309 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte05ft | tph as motor oil | mg/kg | 29 | 32 | 91 | 14 | 26000 | 8166 | 8461 | 7 | 7 | 13882 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 8.72 | 30.8 | 21.97 | 4.494 | -- | -- | 23.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24739 ravenna ave | lte05ft | xylenes, total | µg/kg | 28 | 32 | 88 | 0.18 | 41000 | 3837 | 9561 | 0.15 | 0.18 | 10321 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 14 | 52.7 | 28.48 | 8.826 | -- | -- | 31.11 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 37 | 42 | 88 | 0.092 | 34000 | 4770 | 8082 | 0.089 | 0.11 | 9412 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 24 | 42 | 57 | 0.11 | 12000 | 2281 | 3091 | 0.074 | 0.09 | 1972 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 31 | 42 | 74 | 0.0021 | 76 | 18.47 | 22 | 0.0011 | 0.47 | 27.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 41 | 42 | 98 | 0.001 | 110 | 21.11 | 31.24 | 0.2 | 0.2 | 41.49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | arsenic | mg/kg | 41 | 42 | 98 | 0.49 | 4.09 | 1.633 | 0.88 | 0.398 | 0.398 | 2.202 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | bap teq | mg/kg | 37 | 42 | 88 | 0.000653 | 1.43 | 0.314 | 0.394 | 0.00053 | 0.261 | 0.538 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte10ft | benzene | µg/kg | 36 | 42 | 86 | 0.15 | 11000 | 1727 | 2988 | 0.11 | 11 | 3386 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 32 | 42 | 76 | 0.0007 | 2.3 | 0.444 | 0.587 | 0.0007 | 0.55 | 0.714 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 26 | 42 | 62 | 0.0006 | 0.99 | 0.234 | 0.316 | 0.0005 | 0.49 | 0.224 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 42 | 29 | 0.0013 | 0.28 | 0.0595 | 0.0894 | 0.0004 | 0.35 | 0.0413 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte10ft | cadmium | mg/kg | 10 | 42 | 24 | 0.0886 | 0.554 | 0.21 | 0.161 | 0.0883 | 0.0883 | 0.142 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24739 ravenna ave | lte10ft | chrysene | mg/kg | 37 | 42 | 88 | 0.0015 | 4.6 | 1.083 | 1.357 | 0.0012 | 0.56 | 1.848 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte10ft | cobalt | mg/kg | 42 | 42 | 100 | 2.44 | 7.92 | 6.455 | 0.98 | -- | -- | 6.709 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | copper | mg/kg | 42 | 42 | 100 | 5 | 18.2 | 8.907 | 2.296 | -- | -- | 9.503 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte10ft | ethylbenzene | µg/kg | 29 | 42 | 69 | 0.17 | 17000 | 4330 | 5342 | 0.12 | 0.14 | 6275 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 42 | 17 | 0.0015 | 0.5 | 0.0841 | 0.184 | 0.0009 | 0.87 | 0.0439 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte10ft | lead | mg/kg | 42 | 42 | 100 | 3.12 | 27.2 | 7.532 | 5.013 | -- | -- | 8.88 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | naphthalene | mg/kg | 39 | 42 | 93 | 0.00044 | 43 | 8.985 | 12.11 | 0.00026 | 0.0003 | 16.35 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | pyrene | mg/kg | 40 | 42 | 95 | 0.001 | 10 | 2.022 | 3.115 | 0.41 | 0.41 | 3.993 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte10ft | toluene | µg/kg | 33 | 42 | 79 | 0.12 | 45000 | 1954 | 8055 | 0.11 | 13 | 6369 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | tph as diesel | mg/kg | 36 | 42 | 86 | 6.2 | 31000 | 8106 | 8188 | 4.8 | 4.8 | 12401 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | tph as gasoline | mg/kg | 30 | 42 | 71 | 0.071 | 3300 | 966.6 | 1172 | 0.047 | 0.065 | 1421 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | tph as motor oil | mg/kg | 37 | 42 | 88 | 14 | 26000 | 8483 | 7832 | 7 | 7 | 12761 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | vanadium | mg/kg | 42 | 42 | 100 | 8.72 | 35.6 | 24.03 | 5.496 | -- | -- | 25.64 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24739 ravenna ave | lte10ft | xylenes, total | µg/kg | 38 | 42 | 90 | 0.18 | 86000 | 6029 | 15781 | 0.15 | 0.18 | 15623 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24739 ravenna ave | lte10ft | zinc | mg/kg | 42 | 42 | 100 | 14 | 52.7 | 28.66 | 7.722 | -- | -- | 30.64 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 15 | 40 | 0.0011 | 0.011 | 0.00638 | 0.00481 | 0.0011 | 0.021 | 0.00636 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 15 | 53 | 0.0008 | 0.021 | 0.00939 | 0.00931 | 0.0006 | 0.012 | 0.00991 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | arsenic | mg/kg | 15 | 15 | 100 | 3.58 | 6.56 | 5.187 | 0.858 | -- | -- | 5.577 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | bap teq | mg/kg | 7 | 15 | 47 | 0.00102 | 0.0409 | 0.00694 | 0.015 | 0.00053 | 0.00053 | 0.00921 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | gt05lte10ft | benzene | µg/kg | 8 | 15 | 53 | 0.13 | 0.31 | 0.193 | 0.059 | 0.097 | 0.12 | 0.193 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 15 | 47 | 0.0007 | 0.032 | 0.00537 | 0.0117 | 0.0005 | 0.0005 | 0.00744 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 15 | 40 | 0.0005 | 0.017 | 0.00335 | 0.00669 | 0.0004 | 0.0004 | 0.00389 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | gt05lte10ft | chromium, hexavalent | mg/kg | 8 | 15 | 53 | 0.28 | 0.64 | 0.453 | 0.129 | 0.22 | 0.22 | 0.454 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | cobalt | mg/kg | 15 | 15 | 100 | 3.34 | 7.22 | 5.462 | 1.239 | -- | -- | 6.025 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | copper | mg/kg | 15 | 15 | 100 | 3.45 | 9.62 | 7.663 | 1.737 | -- | -- | 8.66 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | lead | mg/kg | 15 | 15 | 100 | 2.15 | 4.93 | 3.939 | 0.863 | -- | -- | 4.331 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | naphthalene | mg/kg | 7 | 15 | 47 | 0.0009 | 0.016 | 0.0073 | 0.00627 | 0.00025 | 0.00033 | 0.00697 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | pyrene | mg/kg | 7 | 15 | 47 | 0.0011 | 0.039 | 0.00679 | 0.0142 | 0.0008 | 0.0008 | 0.0113 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | gt05lte10ft | toluene | µg/kg | 8 | 15 | 53 | 0.15 | 0.56 | 0.233 | 0.142 | 0.11 | 0.13 | 0.245 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | gt05lte10ft | vanadium | mg/kg | 15 | 15 | 100 | 12.8 | 29 | 23.57 | 5.162 | -- | -- | 26.4 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24740 marbella ave | gt05lte10ft | zinc | mg/kg | 15 | 15 | 100 | 17.1 | 29.9 | 25 | 4.094 | -- | -- | 26.86 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 26 | 33 | 79 | 0.0006 | 0.07 | 0.0205 | 0.0185 | 0.0006 | 0.012 | 0.0304 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | antimony | mg/kg | 9 | 33 | 27 | 0.347 | 0.486 | 0.399 | 0.0521 | 0.306 | 0.306 | 0.372 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24740 marbella ave | lte02ft | arsenic | mg/kg | 33 | 33 | 100 | 2.07 | 10.8 | 4.57 | 1.722 | -- | -- | 5.089 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | bap teq | mg/kg | 31 | 33 | 94 | 0.00178 | 0.208 | 0.0466 | 0.0486 | 0.00053 | 0.00053 | 0.0806 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | benzene | µg/kg | 27 | 33 | 82 | 0.14 | 0.51 | 0.255 | 0.104 | 0.11 | 0.14 | 0.269 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 21 | 33 | 64 | 0.0035 | 0.13 | 0.0434 | 0.0333 | 0.0007 | 0.013 | 0.0403 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 31 | 33 | 94 | 0.0013 | 0.18 | 0.0364 | 0.0404 | 0.0005 | 0.0005 | 0.0647 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 30 | 33 | 91 | 0.0014 | 0.06 | 0.019 | 0.0155 | 0.0004 | 0.0007 | 0.0293 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 33 | 15 | 0.0014 | 0.026 | 0.00938 | 0.0104 | 0.0011 | 0.045 | 0.00688 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte02ft | chrysene | mg/kg | 31 | 33 | 94 | 0.002 | 0.36 | 0.106 | 0.103 | 0.0012 | 0.0012 | 0.178 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | cobalt | mg/kg | 33 | 33 | 100 | 5.57 | 11.9 | 8.107 | 1.695 | -- | -- | 8.63 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte02ft | copper | mg/kg | 33 | 33 | 100 | 6.66 | 21.6 | 12.48 | 4.11 | -- | -- | 13.75 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 33 | 15 | 0.0055 | 0.032 | 0.0163 | 0.01 | 0.0007 | 0.027 | 0.0175 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 33 | 52 | 0.0011 | 0.054 | 0.0188 | 0.0132 | 0.0009 | 0.035 | 0.0156 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte02ft | lead | mg/kg | 33 | 33 | 100 | 3.33 | 31 | 13.38 | 7.517 | -- | -- | 15.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24740 marbella ave | lte02ft | naphthalene | mg/kg | 5 | 33 | 15 | 0.0078 | 0.028 | 0.0186 | 0.00871 | 0.00027 | 0.00037 | 0.0224 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte02ft | pyrene | mg/kg | 30 | 33 | 91 | 0.0017 | 0.45 | 0.0959 | 0.106 | 0.0008 | 0.0016 | 0.167 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | toluene | µg/kg | 31 | 33 | 94 | 0.15 | 0.62 | 0.303 | 0.121 | 0.13 | 0.13 | 0.387 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte02ft | tph as diesel | mg/kg | 31 | 33 | 94 | 7.2 | 2000 | 472.9 | 539.9 | 4.8 | 4.8 | 850.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | tph as gasoline | mg/kg | 12 | 33 | 36 | 0.066 | 0.45 | 0.139 | 0.106 | 0.052 | 0.071 | 0.114 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24740 marbella ave | lte02ft | tph as motor oil | mg/kg | 31 | 33 | 94 | 26 | 4400 | 965.4 | 1076 | 7 | 7 | 1718 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte02ft | vanadium | mg/kg | 33 | 33 | 100 | 18.5 | 36.5 | 26.85 | 4.698 | -- | -- | 28.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte02ft | xylenes, total | µg/kg | 12 | 33 | 36 | 0.19 | 0.54 | 0.298 | 0.103 | 0.17 | 0.22 | 0.261 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte02ft | zinc | mg/kg | 33 | 33 | 100 | 21.8 | 71.6 | 46.3 | 13.17 | -- | -- | 50.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 49 | 14 | 0.0022 | 4.6 | 1.077 | 1.891 | 0.0011 | 0.043 | 0.668 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 36 | 49 | 73 | 0.0006 | 1.4 | 0.0909 | 0.31 | 0.0006 | 0.012 | 0.235 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte05ft | antimony | mg/kg | 14 | 49 | 29 | 0.331 | 0.498 | 0.399 | 0.0545 | 0.306 | 0.306 | 0.361 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte05ft | arsenic | mg/kg | 49 | 49 | 100 | 2.07 | 10.8 | 4.413 | 1.51 | -- | -- | 4.772 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte05ft | bap teq | mg/kg | 38 | 49 | 78 | 0.00088 | 1.185 | 0.0871 | 0.214 | 0.00053 | 0.00053 | 0.187 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte05ft | benzene | µg/kg | 36 | 49 | 73 | 0.12 | 0.51 | 0.229 | 0.102 | 0.1 | 11 | 0.229 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 49 | 51 | 0.0012 | 1.1 | 0.107 | 0.242 | 0.0007 | 0.013 | 0.168 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 38 | 49 | 78 | 0.0006 | 0.87 | 0.0655 | 0.157 | 0.0005 | 0.0005 | 0.139 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 36 | 49 | 73 | 0.0005 | 0.52 | 0.0386 | 0.0954 | 0.0004 | 0.0007 | 0.0805 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 49 | 16 | 0.0014 | 0.53 | 0.11 | 0.198 | 0.0011 | 0.045 | 0.0411 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24740 marbella ave | lte05ft | bromomethane | µg/kg | 9 | 49 | 18 | 1.5 | 2.5 | 1.856 | 0.321 | 1.4 | 150 | 1.744 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte05ft | chromium, hexavalent | mg/kg | 14 | 49 | 29 | 0.22 | 0.56 | 0.341 | 0.111 | 0.22 | 0.22 | 0.282 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte05ft | chrysene | mg/kg | 37 | 49 | 76 | 0.002 | 1.2 | 0.139 | 0.224 | 0.0012 | 0.0012 | 0.233 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte05ft | cobalt | mg/kg | 49 | 49 | 100 | 4.74 | 12.9 | 8.284 | 1.81 | -- | -- | 8.717 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte05ft | copper | mg/kg | 49 | 49 | 100 | 6.02 | 21.6 | 11.38 | 3.841 | -- | -- | 12.33 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 49 | 12 | 0.0021 | 0.032 | 0.0139 | 0.0107 | 0.0007 | 0.027 | 0.0114 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 49 | 41 | 0.0011 | 0.86 | 0.0857 | 0.216 | 0.0009 | 0.035 | 0.126 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte05ft | lead | mg/kg | 49 | 49 | 100 | 3.33 | 31 | 10.66 | 7.325 | -- | -- | 15.22 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte05ft | naphthalene | mg/kg | 10 | 49 | 20 | 0.0014 | 0.31 | 0.0427 | 0.0944 | 0.00024 | 0.00037 | 0.0385 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte05ft | pyrene | mg/kg | 36 | 49 | 73 | 0.0012 | 7.3 | 0.375 | 1.306 | 0.0008 | 0.0016 | 0.981 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte05ft | toluene | µg/kg | 37 | 49 | 76 | 0.15 | 0.62 | 0.285 | 0.118 | 0.11 | 13 | 0.287 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte05ft | tph as diesel | mg/kg | 37 | 49 | 76 | 7.1 | 11000 | 899.9 | 2137 | 4.8 | 4.8 | 1863 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte05ft | tph as gasoline | mg/kg | 17 | 49 | 35 | 0.054 | 770 | 76.81 | 213 | 0.045 | 0.071 | 108.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte05ft | tph as motor oil | mg/kg | 39 | 49 | 80 | 10 | 13000 | 1329 | 2519 | 7 | 7 | 2499 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte05ft | vanadium | mg/kg | 49 | 49 | 100 | 18.5 | 36.9 | 27.22 | 4.845 | -- | -- | 28.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte05ft | xylenes, total | µg/kg | 16 | 49 | 33 | 0.17 | 0.54 | 0.271 | 0.1 | 0.15 | 17 | 0.223 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte05ft | zinc | mg/kg | 49 | 49 | 100 | 21.4 | 71.6 | 40.63 | 13.71 | -- | -- | 43.94 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 13 | 64 | 20 | 0.0011 | 4.6 | 0.583 | 1.448 | 0.0011 | 0.043 | 0.499 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 44 | 64 | 69 | 0.0006 | 1.4 | 0.0761 | 0.282 | 0.0006 | 0.012 | 0.181 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | antimony | mg/kg | 16 | 64 | 25 | 0.331 | 0.498 | 0.404 | 0.0545 | 0.306 | 0.306 | 0.358 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24740 marbella ave | lte10ft | arsenic | mg/kg | 64 | 64 | 100 | 2.07 | 10.8 | 4.594 | 1.418 | -- | -- | 4.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte10ft | bap teq | mg/kg | 45 | 64 | 70 | 0.00088 | 1.185 | 0.0746 | 0.199 | 0.00053 | 0.00053 | 0.145 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | benzene | µg/kg | 44 | 64 | 69 | 0.12 | 0.51 | 0.222 | 0.0961 | 0.097 | 11 | 0.212 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24740 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 27 | 64 | 42 | 0.0012 | 1.1 | 0.0995 | 0.234 | 0.0007 | 0.013 | 0.13 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 45 | 64 | 70 | 0.0006 | 0.87 | 0.0561 | 0.146 | 0.0005 | 0.0005 | 0.108 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 42 | 64 | 66 | 0.0005 | 0.52 | 0.0335 | 0.0891 | 0.0004 | 0.0007 | 0.0624 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 64 | 13 | 0.0014 | 0.53 | 0.11 | 0.198 | 0.0011 | 0.045 | 0.0318 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24740 marbella ave | lte10ft | bromomethane | µg/kg | 13 | 64 | 20 | 1.5 | 4 | 2.023 | 0.676 | 1.3 | 150 | 1.753 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 22 | 64 | 34 | 0.22 | 0.64 | 0.382 | 0.127 | 0.22 | 0.22 | 0.305 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte10ft | chrysene | mg/kg | 41 | 64 | 64 | 0.002 | 1.2 | 0.126 | 0.217 | 0.0012 | 0.024 | 0.127 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte10ft | cobalt | mg/kg | 64 | 64 | 100 | 3.34 | 12.9 | 7.622 | 2.071 | -- | -- | 8.054 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte10ft | copper | mg/kg | 64 | 64 | 100 | 3.45 | 21.6 | 10.51 | 3.798 | -- | -- | 11.35 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 64 | 9.4 | 0.0021 | 0.032 | 0.0139 | 0.0107 | 0.0007 | 0.027 | 0.017 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 64 | 33 | 0.0011 | 0.86 | 0.0826 | 0.211 | 0.0009 | 0.035 | 0.0971 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | lead | mg/kg | 64 | 64 | 100 | 2.15 | 31 | 9.083 | 7.02 | -- | -- | 12.91 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | naphthalene | mg/kg | 17 | 64 | 27 | 0.0009 | 0.31 | 0.0281 | 0.0731 | 0.00024 | 0.00037 | 0.0195 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte10ft | pyrene | mg/kg | 43 | 64 | 67 | 0.0011 | 7.3 | 0.315 | 1.2 | 0.0008 | 0.0016 | 0.754 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | toluene | µg/kg | 45 | 64 | 70 | 0.15 | 0.62 | 0.276 | 0.122 | 0.11 | 13 | 0.265 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24740 marbella ave | lte10ft | tph as diesel | mg/kg | 39 | 64 | 61 | 7.1 | 11000 | 867.7 | 2086 | 4.8 | 4.8 | 1449 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24740 marbella ave | lte10ft | tph as gasoline | mg/kg | 19 | 64 | 30 | 0.054 | 770 | 74.53 | 201.8 | 0.045 | 0.071 | 85.02 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24740 marbella ave | lte10ft | tph as motor oil | mg/kg | 41 | 64 | 64 | 10 | 13000 | 1294 | 2464 | 7 | 7 | 1313 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte10ft | vanadium | mg/kg | 64 | 64 | 100 | 12.8 | 36.9 | 26.36 | 5.121 | -- | -- | 27.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24740 marbella ave | lte10ft | xylenes, total | µg/kg | 19 | 64 | 30 | 0.17 | 0.54 | 0.268 | 0.0928 | 0.15 | 17 | 0.214 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24740 marbella ave | lte10ft | zinc | mg/kg | 64 | 64 | 100 | 17.1 | 71.6 | 36.97 | 13.83 | -- | -- | 39.88 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24741 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.0059 | 0.018 | 0.0117 | 0.00397 | 0.0006 | 0.006 | 0.0127 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte05ft | arsenic | mg/kg | 10 | 10 | 100 | 2.77 | 5.39 | 4.315 | 0.802 | -- | -- | 4.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte05ft | bap teq | mg/kg | 10 | 10 | 100 | 0.000838 | 0.0717 | 0.0212 | 0.0218 | -- | -- | 0.0462 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24741 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.0008 | 0.027 | 0.0129 | 0.00955 | -- | -- | 0.0184 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 10 | 10 | 100 | 0.0005 | 0.061 | 0.0167 | 0.0182 | -- | -- | 0.0378 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24741 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 6 | 10 | 60 | 0.0076 | 0.026 | 0.0122 | 0.00749 | 0.0004 | 0.0018 | 0.014 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24741 marbella ave | lte05ft | chrysene | mg/kg | 10 | 10 | 100 | 0.0013 | 0.071 | 0.0322 | 0.0241 | -- | -- | 0.0461 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte05ft | cobalt | mg/kg | 10 | 10 | 100 | 6.88 | 10.2 | 8.189 | 1.216 | -- | -- | 8.894 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte05ft | copper | mg/kg | 10 | 10 | 100 | 7.88 | 17.3 | 11.99 | 2.534 | -- | -- | 13.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte05ft | lead | mg/kg | 10 | 10 | 100 | 6.09 | 20.9 | 10.72 | 5.539 | -- | -- | 14.05 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24741 marbella ave | lte05ft | naphthalene | mg/kg | 5 | 10 | 50 | 0.0038 | 0.0066 | 0.0055 | 0.00105 | 0.00025 | 0.00028 | 0.00594 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte05ft | pyrene | mg/kg | 9 | 10 | 90 | 0.0054 | 0.054 | 0.0225 | 0.0166 | 0.0008 | 0.0008 | 0.0305 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte05ft | toluene | µg/kg | 9 | 10 | 90 | 0.18 | 0.34 | 0.24 | 0.0477 | 0.13 | 0.13 | 0.262 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte05ft | tph as diesel | mg/kg | 8 | 10 | 80 | 19 | 980 | 268.6 | 296.6 | 4.8 | 4.8 | 612.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24741 marbella ave | lte05ft | tph as motor oil | mg/kg | 8 | 10 | 80 | 48 | 2600 | 804.8 | 782.3 | 7 | 7 | 1716 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24741 marbella ave | lte05ft | vanadium | mg/kg | 10 | 10 | 100 | 21.8 | 35.3 | 29.03 | 4.521 | -- | -- | 31.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte05ft | zinc | mg/kg | 10 | 10 | 100 | 30.3 | 64.8 | 39.54 | 11.03 | -- | -- | 46.29 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24741 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 8 | 12 | 67 | 0.0059 | 0.018 | 0.0115 | 0.00372 | 0.0006 | 0.006 | 0.0123 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 2.77 | 5.39 | 4.378 | 0.747 | -- | -- | 4.765 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte10ft | bap teq | mg/kg | 11 | 12 | 92 | 0.000575 | 0.0717 | 0.0193 | 0.0216 | 0.00053 | 0.00053 | 0.0447 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24741 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 11 | 12 | 92 | 0.0008 | 0.027 | 0.0118 | 0.00976 | 0.0007 | 0.0007 | 0.016 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 10 | 12 | 83 | 0.0005 | 0.061 | 0.0167 | 0.0182 | 0.0005 | 0.0005 | 0.0364 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24741 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0076 | 0.026 | 0.0122 | 0.00749 | 0.0004 | 0.0018 | 0.013 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24741 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 5 | 12 | 42 | 0.22 | 0.56 | 0.308 | 0.143 | 0.22 | 0.22 | 0.311 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24741 marbella ave | lte10ft | chrysene | mg/kg | 10 | 12 | 83 | 0.0013 | 0.071 | 0.0322 | 0.0241 | 0.0012 | 0.0012 | 0.04 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 4.34 | 10.2 | 7.718 | 1.615 | -- | -- | 8.556 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte10ft | copper | mg/kg | 12 | 12 | 100 | 6.69 | 17.3 | 11.48 | 2.753 | -- | -- | 12.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte10ft | lead | mg/kg | 12 | 12 | 100 | 3.7 | 20.9 | 9.676 | 5.577 | -- | -- | 12.96 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24741 marbella ave | lte10ft | naphthalene | mg/kg | 6 | 12 | 50 | 0.0031 | 0.0066 | 0.0051 | 0.00136 | 0.00025 | 0.00028 | 0.00568 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte10ft | pyrene | mg/kg | 10 | 12 | 83 | 0.0008 | 0.054 | 0.0203 | 0.0171 | 0.0008 | 0.0008 | 0.0261 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte10ft | toluene | µg/kg | 11 | 12 | 92 | 0.18 | 0.34 | 0.23 | 0.0482 | 0.13 | 0.13 | 0.251 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte10ft | tph as diesel | mg/kg | 8 | 12 | 67 | 19 | 980 | 268.6 | 296.6 | 4.8 | 4.8 | 360.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24741 marbella ave | lte10ft | tph as motor oil | mg/kg | 8 | 12 | 67 | 48 | 2600 | 804.8 | 782.3 | 7 | 7 | 1095 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24741 marbella ave | lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 20.5 | 35.3 | 28.2 | 4.772 | -- | -- | 30.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24741 marbella ave | lte10ft | zinc | mg/kg | 12 | 12 | 100 | 19.3 | 64.8 | 36.89 | 11.88 | -- | -- | 43.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 11 | 100 | 59 | 9100 | 2241 | 3370 | -- | -- | 5757 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 11 | 82 | 24 | 3200 | 861.3 | 1278 | 45 | 49 | 2294 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 11 | 100 | 4 | 30 | 13.38 | 9.125 | -- | -- | 18.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 5 | 47 | 19.96 | 15.05 | -- | -- | 28.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 1.2 | 4.2 | 2.506 | 0.979 | -- | -- | 3.112 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.181 | 1.455 | 0.48 | 0.365 | -- | -- | 0.703 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | benzene | µg/kg | 11 | 11 | 100 | 0.81 | 5100 | 695.1 | 1503 | -- | -- | 3133 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 11 | 11 | 100 | 0.2 | 2.4 | 0.76 | 0.686 | -- | -- | 1.242 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 11 | 91 | 0.14 | 1.1 | 0.361 | 0.28 | 0.039 | 0.039 | 0.507 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | cadmium | mg/kg | 7 | 9 | 78 | 0.011 | 0.32 | 0.211 | 0.115 | 0.0064 | 0.0064 | 0.269 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.58 | 3.3 | 1.526 | 1.027 | -- | -- | 2.256 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 6.68 | 8.1 | 7.513 | 0.477 | -- | -- | 7.809 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 7.24 | 9.18 | 8.476 | 0.59 | -- | -- | 8.841 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 11 | 11 | 100 | 290 | 5000 | 1305 | 1422 | -- | -- | 2328 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 4.19 | 21.9 | 8.704 | 5.331 | -- | -- | 12.37 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 11 | 11 | 100 | 1.7 | 18 | 6.627 | 5.13 | -- | -- | 9.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.96 | 6.5 | 2.596 | 1.78 | -- | -- | 3.761 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | toluene | µg/kg | 7 | 11 | 64 | 0.72 | 7600 | 1197 | 2833 | 0.68 | 46 | 2140 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 11 | 11 | 100 | 1300 | 19000 | 8427 | 6114 | -- | -- | 11768 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 11 | 100 | 7.3 | 1100 | 353.7 | 298.6 | -- | -- | 516.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24743 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 2200 | 28000 | 12745 | 9188 | -- | -- | 17767 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 25.2 | 31.7 | 29.26 | 2.055 | -- | -- | 30.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 11 | 91 | 140 | 16000 | 3307 | 5384 | 49 | 49 | 9883 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 23.8 | 49.3 | 30.16 | 7.402 | -- | -- | 35.11 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 20 | 40 | 0.0023 | 7.4 | 0.943 | 2.609 | 0.0011 | 0.043 | 2.058 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 20 | 20 | 100 | 0.0018 | 3.6 | 0.21 | 0.798 | -- | -- | 0.988 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 0.746 | 4.3 | 2.151 | 1.17 | -- | -- | 2.754 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24743 ravenna ave | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00118 | 0.407 | 0.0964 | 0.114 | -- | -- | 0.167 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte02ft | benzene | µg/kg | 9 | 20 | 45 | 0.13 | 2.3 | 0.428 | 0.705 | 0.1 | 0.15 | 0.474 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 18 | 20 | 90 | 0.0011 | 0.44 | 0.0947 | 0.112 | 0.0026 | 0.0052 | 0.193 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 20 | 90 | 0.0008 | 0.32 | 0.083 | 0.0931 | 0.0039 | 0.0039 | 0.164 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 20 | 65 | 0.0025 | 0.1 | 0.0327 | 0.0272 | 0.0004 | 0.014 | 0.0325 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 20 | 25 | 0.0059 | 0.026 | 0.018 | 0.00766 | 0.0011 | 0.029 | 0.0214 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | cadmium | mg/kg | 16 | 18 | 89 | 0.0985 | 0.44 | 0.244 | 0.0938 | 0.0064 | 0.0064 | 0.269 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | chromium, hexavalent | mg/kg | 7 | 18 | 39 | 0.5 | 0.8 | 0.6 | 0.115 | 0.1 | 0.22 | 0.589 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0028 | 0.83 | 0.268 | 0.268 | -- | -- | 0.456 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5.79 | 7.66 | 6.711 | 0.564 | -- | -- | 6.942 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 6.9 | 13.1 | 9.033 | 1.586 | -- | -- | 9.684 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 20 | 25 | 0.003 | 0.033 | 0.018 | 0.0112 | 0.0007 | 0.018 | 0.0189 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 20 | 55 | 0.0016 | 0.05 | 0.0209 | 0.0151 | 0.0009 | 0.017 | 0.0189 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 3.76 | 23.1 | 9.583 | 4.326 | -- | -- | 11.41 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte02ft | naphthalene | mg/kg | 15 | 20 | 75 | 0.00081 | 0.81 | 0.0745 | 0.205 | 0.00028 | 0.0007 | 0.232 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0024 | 1.5 | 0.309 | 0.444 | -- | -- | 0.574 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte02ft | toluene | µg/kg | 6 | 20 | 30 | 0.15 | 0.28 | 0.203 | 0.0516 | 0.11 | 0.44 | 0.195 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | tph as diesel | mg/kg | 18 | 20 | 90 | 28 | 4400 | 1183 | 1163 | 4.8 | 4.8 | 2197 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte02ft | tph as gasoline | mg/kg | 9 | 20 | 45 | 0.067 | 2.4 | 0.467 | 0.753 | 0.048 | 0.06 | 0.459 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24743 ravenna ave | lte02ft | tph as motor oil | mg/kg | 20 | 20 | 100 | 18 | 19000 | 3001 | 4076 | -- | -- | 6974 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 19.2 | 28.5 | 24.25 | 2.52 | -- | -- | 25.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 21 | 51 | 31.26 | 8.538 | -- | -- | 34.86 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 36 | 31 | 0.18 | 13000 | 1510 | 3952 | 0.088 | 49 | 2135 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 36 | 14 | 0.086 | 4100 | 835.3 | 1825 | 0.074 | 46 | 328.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 21 | 36 | 58 | 0.0023 | 43 | 4.019 | 9.475 | 0.0011 | 0.043 | 7.807 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 36 | 36 | 100 | 0.0018 | 66 | 3.265 | 11.3 | -- | -- | 11.47 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte05ft | arsenic | mg/kg | 33 | 33 | 100 | 0.618 | 4.3 | 2.138 | 1.123 | -- | -- | 2.535 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte05ft | bap teq | mg/kg | 36 | 36 | 100 | 0.00118 | 1.337 | 0.192 | 0.3 | -- | -- | 0.281 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24743 ravenna ave | lte05ft | benzene | µg/kg | 15 | 36 | 42 | 0.13 | 1700 | 114 | 438.8 | 0.1 | 11 | 257.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 33 | 36 | 92 | 0.0011 | 2.3 | 0.231 | 0.426 | 0.0026 | 0.052 | 0.512 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 33 | 36 | 92 | 0.0008 | 1.1 | 0.153 | 0.236 | 0.0039 | 0.039 | 0.308 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 24 | 36 | 67 | 0.0025 | 0.46 | 0.0619 | 0.0898 | 0.0004 | 0.28 | 0.07 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24743 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 36 | 39 | 0.0059 | 0.11 | 0.0304 | 0.0294 | 0.0011 | 0.29 | 0.0256 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | cadmium | mg/kg | 28 | 33 | 85 | 0.0985 | 0.44 | 0.233 | 0.0846 | 0.0064 | 0.0064 | 0.283 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 33 | 21 | 0.5 | 0.8 | 0.6 | 0.115 | 0.1 | 0.22 | 0.555 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | chrysene | mg/kg | 36 | 36 | 100 | 0.0028 | 4.2 | 0.564 | 0.804 | -- | -- | 0.814 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24743 ravenna ave | lte05ft | cobalt | mg/kg | 33 | 33 | 100 | 5.79 | 8.27 | 6.941 | 0.609 | -- | -- | 7.121 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | copper | mg/kg | 33 | 33 | 100 | 5.17 | 13.1 | 8.963 | 1.624 | -- | -- | 9.457 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24743 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 36 | 28 | 0.003 | 0.033 | 0.0162 | 0.00911 | 0.0007 | 0.18 | 0.0138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | ethylbenzene | µg/kg | 13 | 36 | 36 | 0.19 | 2900 | 364.1 | 804.9 | 0.12 | 0.16 | 277.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 36 | 47 | 0.0016 | 0.05 | 0.0196 | 0.0129 | 0.0009 | 0.17 | 0.0173 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | lead | mg/kg | 33 | 33 | 100 | 3.76 | 23.1 | 8.975 | 3.766 | -- | -- | 10.07 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte05ft | naphthalene | mg/kg | 29 | 36 | 81 | 0.00081 | 28 | 1.688 | 5.302 | 0.00027 | 0.0007 | 4.852 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | pyrene | mg/kg | 36 | 36 | 100 | 0.0024 | 8 | 0.894 | 1.645 | -- | -- | 2.09 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | toluene | µg/kg | 8 | 36 | 22 | 0.15 | 5100 | 637.7 | 1803 | 0.11 | 43 | 792.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte05ft | tph as diesel | mg/kg | 34 | 36 | 94 | 28 | 31000 | 3552 | 6305 | 4.8 | 4.8 | 7847 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | tph as gasoline | mg/kg | 24 | 36 | 67 | 0.067 | 930 | 67.76 | 202.4 | 0.048 | 0.06 | 167.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | tph as motor oil | mg/kg | 36 | 36 | 100 | 18 | 38000 | 5967 | 8858 | -- | -- | 12402 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte05ft | vanadium | mg/kg | 33 | 33 | 100 | 19.2 | 33.6 | 25.12 | 3.052 | -- | -- | 26.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte05ft | xylenes, total | µg/kg | 12 | 36 | 33 | 0.2 | 14000 | 1230 | 4026 | 0.15 | 46 | 2155 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte05ft | zinc | mg/kg | 33 | 33 | 100 | 21 | 55.2 | 30.44 | 8.232 | -- | -- | 32.94 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 22 | 47 | 47 | 0.18 | 13000 | 1875 | 3603 | 0.088 | 49 | 1526 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24743 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 47 | 30 | 0.086 | 4100 | 852 | 1425 | 0.074 | 49 | 468.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 32 | 47 | 68 | 0.0023 | 43 | 7.238 | 10.26 | 0.0011 | 0.043 | 10.73 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 47 | 47 | 100 | 0.0018 | 66 | 7.173 | 14.05 | -- | -- | 16.11 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte10ft | arsenic | mg/kg | 42 | 42 | 100 | 0.618 | 4.3 | 2.217 | 1.093 | -- | -- | 2.551 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | bap teq | mg/kg | 47 | 47 | 100 | 0.00118 | 1.455 | 0.259 | 0.336 | -- | -- | 0.355 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | benzene | µg/kg | 26 | 47 | 55 | 0.13 | 5100 | 359.8 | 1047 | 0.1 | 11 | 707.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 44 | 47 | 94 | 0.0011 | 2.4 | 0.363 | 0.546 | 0.0026 | 0.052 | 0.681 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 43 | 47 | 91 | 0.0008 | 1.1 | 0.202 | 0.259 | 0.0039 | 0.039 | 0.346 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 47 | 60 | 0.0025 | 0.46 | 0.078 | 0.106 | 0.0004 | 0.28 | 0.0747 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24743 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 14 | 47 | 30 | 0.0059 | 0.11 | 0.0304 | 0.0294 | 0.0011 | 0.29 | 0.0242 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24743 ravenna ave | lte10ft | cadmium | mg/kg | 35 | 42 | 83 | 0.011 | 0.44 | 0.229 | 0.0901 | 0.0064 | 0.0064 | 0.271 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 42 | 17 | 0.5 | 0.8 | 0.6 | 0.115 | 0.1 | 0.22 | 0.54 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24743 ravenna ave | lte10ft | chrysene | mg/kg | 47 | 47 | 100 | 0.0028 | 4.2 | 0.789 | 0.944 | -- | -- | 1.072 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | cobalt | mg/kg | 42 | 42 | 100 | 5.79 | 8.27 | 7.064 | 0.625 | -- | -- | 7.23 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | copper | mg/kg | 42 | 42 | 100 | 5.17 | 13.1 | 8.859 | 1.472 | -- | -- | 9.246 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 11 | 47 | 23 | 0.003 | 0.093 | 0.0232 | 0.0247 | 0.0007 | 0.18 | 0.0138 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | ethylbenzene | µg/kg | 24 | 47 | 51 | 0.19 | 5000 | 795.6 | 1203 | 0.12 | 0.16 | 633 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 47 | 38 | 0.0016 | 0.098 | 0.024 | 0.0223 | 0.0009 | 0.17 | 0.019 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | lead | mg/kg | 42 | 42 | 100 | 3.76 | 23.1 | 8.917 | 4.078 | -- | -- | 9.933 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | naphthalene | mg/kg | 40 | 47 | 85 | 0.00081 | 28 | 3.046 | 5.65 | 0.00027 | 0.0007 | 5.979 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte10ft | pyrene | mg/kg | 47 | 47 | 100 | 0.0024 | 8 | 1.293 | 1.811 | -- | -- | 1.858 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | toluene | µg/kg | 15 | 47 | 32 | 0.15 | 7600 | 898.8 | 2269 | 0.11 | 46 | 1147 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte10ft | tph as diesel | mg/kg | 45 | 47 | 96 | 28 | 31000 | 4744 | 6542 | 4.8 | 4.8 | 8659 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24743 ravenna ave | lte10ft | tph as gasoline | mg/kg | 35 | 47 | 74 | 0.067 | 1100 | 157.6 | 268.5 | 0.048 | 0.06 | 271.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte10ft | tph as motor oil | mg/kg | 47 | 47 | 100 | 18 | 38000 | 7554 | 9299 | -- | -- | 13466 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24743 ravenna ave | lte10ft | vanadium | mg/kg | 42 | 42 | 100 | 19.2 | 33.6 | 26 | 3.324 | -- | -- | 26.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | xylenes, total | µg/kg | 22 | 47 | 47 | 0.2 | 16000 | 2174 | 4694 | 0.15 | 49 | 1850 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24743 ravenna ave | lte10ft | zinc | mg/kg | 42 | 42 | 100 | 21 | 55.2 | 30.38 | 7.975 | -- | -- | 32.5 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 12 | 42 | 0.0012 | 4.7 | 0.942 | 2.101 | 0.0011 | 0.21 | 2.22 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 12 | 75 | 0.0019 | 4 | 0.451 | 1.331 | 0.012 | 0.12 | 1.813 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte02ft | antimony | mg/kg | 6 | 12 | 50 | 0.339 | 0.909 | 0.541 | 0.195 | 0.306 | 0.306 | 0.568 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24744 marbella ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 1.71 | 4.48 | 3.074 | 0.853 | -- | -- | 3.516 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24744 marbella ave | lte02ft | bap teq | mg/kg | 11 | 12 | 92 | 0.00381 | 0.492 | 0.142 | 0.202 | 0.00053 | 0.00053 | 0.379 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24744 marbella ave | lte02ft | benzo (a) anthracene | mg/kg | 10 | 12 | 83 | 0.0032 | 0.49 | 0.0833 | 0.153 | 0.0007 | 0.052 | 0.25 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 12 | 92 | 0.0027 | 0.41 | 0.116 | 0.169 | 0.0005 | 0.0005 | 0.314 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24744 marbella ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 12 | 75 | 0.0023 | 0.13 | 0.0271 | 0.0429 | 0.0004 | 0.07 | 0.0712 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte02ft | chrysene | mg/kg | 10 | 12 | 83 | 0.0074 | 1 | 0.177 | 0.313 | 0.0012 | 0.24 | 0.52 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.66 | 10.4 | 7.216 | 1.35 | -- | -- | 7.915 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24744 marbella ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 6.59 | 22.5 | 11.08 | 4.012 | -- | -- | 13.29 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 12 | 50 | 0.0008 | 0.074 | 0.023 | 0.0321 | 0.0007 | 0.13 | 0.0275 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 12 | 75 | 0.0013 | 0.28 | 0.0555 | 0.0967 | 0.0009 | 0.035 | 0.152 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.4 | 23.6 | 10.81 | 5.817 | -- | -- | 13.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24744 marbella ave | lte02ft | naphthalene | mg/kg | 11 | 12 | 92 | 0.00031 | 0.5 | 0.0489 | 0.15 | 0.00026 | 0.00026 | 0.226 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte02ft | pyrene | mg/kg | 11 | 12 | 92 | 0.005 | 2.7 | 0.283 | 0.804 | 0.16 | 0.16 | 1.235 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte02ft | tph as diesel | mg/kg | 11 | 12 | 92 | 9.3 | 12000 | 2592 | 4583 | 4.8 | 4.8 | 7978 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte02ft | tph as motor oil | mg/kg | 11 | 12 | 92 | 40 | 21000 | 5067 | 8020 | 7 | 7 | 14483 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24744 marbella ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 20.6 | 31.7 | 24.48 | 3.442 | -- | -- | 26.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24744 marbella ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 26.8 | 72.3 | 38.53 | 12.59 | -- | -- | 45.24 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 19 | 47 | 0.0011 | 4.7 | 0.539 | 1.561 | 0.0011 | 0.21 | 1.368 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 19 | 68 | 0.0019 | 4 | 0.322 | 1.105 | 0.0006 | 0.12 | 1.149 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte05ft | antimony | mg/kg | 9 | 19 | 47 | 0.339 | 1.74 | 0.657 | 0.437 | 0.306 | 0.306 | 0.651 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 1.71 | 5.76 | 3.318 | 1.085 | -- | -- | 3.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24744 marbella ave | lte05ft | bap teq | mg/kg | 17 | 19 | 89 | 0.00058 | 0.492 | 0.0941 | 0.173 | 0.00053 | 0.00053 | 0.251 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 19 | 79 | 0.0013 | 0.49 | 0.0569 | 0.129 | 0.0007 | 0.052 | 0.162 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte05ft | benzo (a) pyrene | mg/kg | 16 | 19 | 84 | 0.0017 | 0.41 | 0.0818 | 0.147 | 0.0005 | 0.0005 | 0.208 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte05ft | benzo (b) fluoranthene | mg/kg | 14 | 19 | 74 | 0.0007 | 0.13 | 0.0184 | 0.0358 | 0.0004 | 0.07 | 0.0462 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 19 | 32 | 0.0012 | 0.0065 | 0.00242 | 0.00202 | 0.0011 | 0.23 | 0.00251 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte05ft | chrysene | mg/kg | 15 | 19 | 79 | 0.0057 | 1 | 0.122 | 0.264 | 0.0012 | 0.24 | 0.338 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 5.66 | 15.7 | 8.093 | 2.526 | -- | -- | 9.074 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24744 marbella ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 6.59 | 22.5 | 10.73 | 3.322 | -- | -- | 12.12 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 7 | 19 | 37 | 0.0008 | 0.074 | 0.0198 | 0.0305 | 0.0007 | 0.13 | 0.0171 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 19 | 63 | 0.0009 | 0.28 | 0.0423 | 0.0858 | 0.0009 | 0.035 | 0.0986 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 4.4 | 23.6 | 9.703 | 4.995 | -- | -- | 11.78 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte05ft | naphthalene | mg/kg | 16 | 19 | 84 | 0.00031 | 0.5 | 0.0361 | 0.124 | 0.00025 | 0.00026 | 0.145 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte05ft | pyrene | mg/kg | 17 | 19 | 89 | 0.001 | 2.7 | 0.186 | 0.65 | 0.0008 | 0.16 | 0.785 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte05ft | tph as diesel | mg/kg | 16 | 19 | 84 | 9.3 | 12000 | 1836 | 3921 | 4.8 | 4.8 | 5211 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte05ft | tph as motor oil | mg/kg | 16 | 19 | 84 | 30 | 21000 | 3584 | 6938 | 7 | 7 | 9529 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 20.3 | 43 | 26.58 | 6.212 | -- | -- | 29.09 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 26.8 | 72.3 | 36.74 | 10.48 | -- | -- | 40.74 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24744 marbella ave | lte10ft | 1-methylnaphthalene | mg/kg | 11 | 25 | 44 | 0.0011 | 4.7 | 0.442 | 1.413 | 0.0011 | 0.21 | 1.037 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte10ft | 2-methylnaphthalene | mg/kg | 17 | 25 | 68 | 0.0006 | 4 | 0.247 | 0.968 | 0.0006 | 0.12 | 0.872 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte10ft | antimony | mg/kg | 11 | 25 | 44 | 0.339 | 1.74 | 0.617 | 0.402 | 0.306 | 0.306 | 0.578 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte10ft | arsenic | mg/kg | 25 | 25 | 100 | 1.71 | 5.81 | 3.609 | 1.165 | -- | -- | 4.008 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24744 marbella ave | lte10ft | bap teq | mg/kg | 20 | 25 | 80 | 0.000548 | 0.492 | 0.0802 | 0.162 | 0.00053 | 0.00053 | 0.194 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte10ft | benzo (a) anthracene | mg/kg | 17 | 25 | 68 | 0.0011 | 0.49 | 0.0504 | 0.122 | 0.0007 | 0.052 | 0.125 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte10ft | benzo (a) pyrene | mg/kg | 18 | 25 | 72 | 0.0006 | 0.41 | 0.073 | 0.141 | 0.0005 | 0.0005 | 0.161 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte10ft | benzo (b) fluoranthene | mg/kg | 15 | 25 | 60 | 0.0006 | 0.13 | 0.0172 | 0.0348 | 0.0004 | 0.07 | 0.0356 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 25 | 24 | 0.0012 | 0.0065 | 0.00242 | 0.00202 | 0.0011 | 0.23 | 0.00223 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte10ft | chromium, hexavalent | mg/kg | 8 | 25 | 32 | 0.25 | 0.37 | 0.311 | 0.0464 | 0.22 | 0.22 | 0.298 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24744 marbella ave | lte10ft | chrysene | mg/kg | 18 | 25 | 72 | 0.0016 | 1 | 0.102 | 0.243 | 0.0012 | 0.24 | 0.259 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte10ft | cobalt | mg/kg | 25 | 25 | 100 | 4.06 | 15.7 | 7.533 | 2.469 | -- | -- | 8.358 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24744 marbella ave | lte10ft | copper | mg/kg | 25 | 25 | 100 | 5.54 | 22.5 | 10.21 | 3.118 | -- | -- | 11.23 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24744 marbella ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 25 | 28 | 0.0008 | 0.074 | 0.0198 | 0.0305 | 0.0007 | 0.13 | 0.013 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 25 | 52 | 0.0009 | 0.28 | 0.0391 | 0.083 | 0.0009 | 0.035 | 0.0759 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24744 marbella ave | lte10ft | lead | mg/kg | 25 | 25 | 100 | 4.01 | 23.6 | 8.797 | 4.676 | -- | -- | 10.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte10ft | naphthalene | mg/kg | 19 | 25 | 76 | 0.00031 | 0.5 | 0.0308 | 0.114 | 0.00024 | 0.00026 | 0.111 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte10ft | pyrene | mg/kg | 21 | 25 | 84 | 0.0009 | 2.7 | 0.151 | 0.586 | 0.0008 | 0.16 | 0.598 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte10ft | tph as diesel | mg/kg | 20 | 25 | 80 | 9.3 | 12000 | 1477 | 3561 | 4.8 | 4.8 | 4009 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte10ft | tph as gasoline | mg/kg | 5 | 25 | 20 | 0.081 | 1.1 | 0.35 | 0.433 | 0.046 | 0.06 | 0.213 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24744 marbella ave | lte10ft | tph as motor oil | mg/kg | 20 | 25 | 80 | 15 | 21000 | 2884 | 6330 | 7 | 7 | 7352 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24744 marbella ave | lte10ft | vanadium | mg/kg | 25 | 25 | 100 | 18.2 | 43 | 26.55 | 5.884 | -- | -- | 28.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24744 marbella ave | lte10ft | zinc | mg/kg | 25 | 25 | 100 | 19.5 | 72.3 | 34.9 | 10.13 | -- | -- | 38.28 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 6 | 10 | 60 | 0.0046 | 0.33 | 0.0641 | 0.13 | 0.0048 | 0.012 | 0.186 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24748 ravenna ave | lte02ft | arsenic | mg/kg | 10 | 10 | 100 | 3.31 | 6.56 | 5.168 | 1.019 | -- | -- | 5.759 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte02ft | bap teq | mg/kg | 9 | 10 | 90 | 0.00823 | 0.158 | 0.0407 | 0.0471 | 0.00411 | 0.00411 | 0.101 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte02ft | benzene | µg/kg | 5 | 10 | 50 | 0.18 | 0.43 | 0.282 | 0.0936 | 0.11 | 0.12 | 0.31 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 6 | 10 | 60 | 0.0061 | 0.054 | 0.0287 | 0.0238 | 0.0052 | 0.013 | 0.0376 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24748 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 10 | 90 | 0.006 | 0.14 | 0.0332 | 0.0418 | 0.0039 | 0.0039 | 0.0864 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 10 | 70 | 0.003 | 0.047 | 0.0166 | 0.0164 | 0.0028 | 0.007 | 0.0214 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte02ft | chrysene | mg/kg | 9 | 10 | 90 | 0.015 | 0.17 | 0.0569 | 0.0537 | 0.0095 | 0.0095 | 0.125 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte02ft | cobalt | mg/kg | 10 | 10 | 100 | 6.21 | 8.09 | 7.041 | 0.474 | -- | -- | 7.316 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte02ft | copper | mg/kg | 10 | 10 | 100 | 7.96 | 13.5 | 9.834 | 1.828 | -- | -- | 10.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte02ft | lead | mg/kg | 10 | 10 | 100 | 4.48 | 13.3 | 8.219 | 3.675 | -- | -- | 10.38 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte02ft | pyrene | mg/kg | 9 | 10 | 90 | 0.0097 | 0.86 | 0.134 | 0.276 | 0.016 | 0.016 | 0.487 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24748 ravenna ave | lte02ft | toluene | µg/kg | 6 | 10 | 60 | 0.15 | 0.4 | 0.248 | 0.0852 | 0.12 | 0.13 | 0.273 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte02ft | tph as diesel | mg/kg | 10 | 10 | 100 | 38 | 3400 | 595.8 | 996.6 | -- | -- | 1969 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24748 ravenna ave | lte02ft | tph as gasoline | mg/kg | 7 | 10 | 70 | 0.059 | 0.094 | 0.0726 | 0.0127 | 0.047 | 0.061 | 0.0758 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte02ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 98 | 5200 | 1236 | 1465 | -- | -- | 2402 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte02ft | vanadium | mg/kg | 10 | 10 | 100 | 22.1 | 33.5 | 28.31 | 3.096 | -- | -- | 30.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte02ft | zinc | mg/kg | 10 | 10 | 100 | 26.1 | 45.1 | 33.17 | 6.448 | -- | -- | 36.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 19 | 53 | 0.59 | 3100 | 334.7 | 972.2 | 0.088 | 0.11 | 903.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24748 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 19 | 37 | 0.22 | 140 | 27.18 | 50.33 | 0.074 | 8.2 | 23.54 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 19 | 63 | 0.0064 | 41 | 7.298 | 11.68 | 0.0054 | 0.021 | 8.64 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 15 | 19 | 79 | 0.0046 | 60 | 8.43 | 15.97 | 0.0048 | 0.012 | 21.29 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 3.31 | 6.9 | 4.897 | 1.046 | -- | -- | 5.313 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte05ft | bap teq | mg/kg | 18 | 19 | 95 | 0.00823 | 0.905 | 0.173 | 0.23 | 0.00411 | 0.00411 | 0.392 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte05ft | benzene | µg/kg | 11 | 19 | 58 | 0.14 | 170 | 16.48 | 50.95 | 0.11 | 12 | 49.34 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 19 | 79 | 0.0061 | 0.72 | 0.213 | 0.231 | 0.0052 | 0.013 | 0.392 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24748 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 18 | 19 | 95 | 0.006 | 0.7 | 0.127 | 0.174 | 0.0039 | 0.0039 | 0.292 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 19 | 68 | 0.003 | 0.24 | 0.057 | 0.0712 | 0.0028 | 0.14 | 0.067 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte05ft | chrysene | mg/kg | 18 | 19 | 95 | 0.015 | 2.3 | 0.417 | 0.611 | 0.0095 | 0.0095 | 0.998 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 6.01 | 8.09 | 6.996 | 0.496 | -- | -- | 7.193 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 7.96 | 13.5 | 9.495 | 1.385 | -- | -- | 10.07 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte05ft | ethylbenzene | µg/kg | 8 | 19 | 42 | 0.16 | 6400 | 812.9 | 2258 | 0.12 | 13 | 1869 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24748 ravenna ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 4.48 | 13.3 | 7.375 | 3.024 | -- | -- | 8.606 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte05ft | naphthalene | mg/kg | 13 | 19 | 68 | 0.00091 | 23 | 4.156 | 7.063 | 0.00026 | 0.00031 | 5.586 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte05ft | pyrene | mg/kg | 18 | 19 | 95 | 0.0097 | 2.9 | 0.781 | 0.923 | 0.016 | 0.016 | 1.657 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte05ft | toluene | µg/kg | 11 | 19 | 58 | 0.12 | 2 | 0.567 | 0.619 | 0.12 | 14 | 0.681 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24748 ravenna ave | lte05ft | tph as diesel | mg/kg | 19 | 19 | 100 | 38 | 19000 | 2715 | 4452 | -- | -- | 5023 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24748 ravenna ave | lte05ft | tph as gasoline | mg/kg | 16 | 19 | 84 | 0.059 | 1500 | 148.8 | 400.2 | 0.047 | 0.061 | 496.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte05ft | tph as motor oil | mg/kg | 19 | 19 | 100 | 98 | 20000 | 3125 | 4558 | -- | -- | 5202 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 22.1 | 33.5 | 27.79 | 2.863 | -- | -- | 28.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte05ft | xylenes, total | µg/kg | 10 | 19 | 53 | 0.24 | 1200 | 131.4 | 375.9 | 0.15 | 17 | 196.9 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24748 ravenna ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 26.1 | 45.1 | 31.25 | 5.22 | -- | -- | 33.39 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 24 | 63 | 0.59 | 3100 | 334.3 | 797.9 | 0.088 | 0.11 | 447.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 24 | 50 | 0.22 | 200 | 41.61 | 65.04 | 0.074 | 8.2 | 38.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 17 | 24 | 71 | 0.0064 | 41 | 5.752 | 10.03 | 0.0054 | 0.021 | 11.96 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 20 | 24 | 83 | 0.0046 | 60 | 6.979 | 13.99 | 0.0048 | 0.012 | 17.42 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | arsenic | mg/kg | 24 | 24 | 100 | 3.31 | 6.9 | 4.891 | 0.96 | -- | -- | 5.227 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte10ft | bap teq | mg/kg | 23 | 24 | 96 | 0.00823 | 0.905 | 0.151 | 0.208 | 0.00411 | 0.00411 | 0.329 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | benzene | µg/kg | 15 | 24 | 63 | 0.14 | 170 | 18.9 | 45.05 | 0.11 | 12 | 44.72 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 20 | 24 | 83 | 0.0061 | 0.72 | 0.181 | 0.208 | 0.0052 | 0.013 | 0.331 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 24 | 96 | 0.006 | 0.7 | 0.111 | 0.157 | 0.0039 | 0.0039 | 0.244 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 18 | 24 | 75 | 0.003 | 0.24 | 0.0494 | 0.0621 | 0.0028 | 0.14 | 0.0915 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | chrysene | mg/kg | 23 | 24 | 96 | 0.015 | 2.3 | 0.38 | 0.549 | 0.0095 | 0.0095 | 0.848 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | cobalt | mg/kg | 24 | 24 | 100 | 6.01 | 8.09 | 7.04 | 0.476 | -- | -- | 7.207 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte10ft | copper | mg/kg | 24 | 24 | 100 | 7.8 | 13.5 | 9.375 | 1.276 | -- | -- | 9.838 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte10ft | ethylbenzene | µg/kg | 13 | 24 | 54 | 0.16 | 6400 | 554.6 | 1759 | 0.12 | 13 | 820.5 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24748 ravenna ave | lte10ft | lead | mg/kg | 24 | 24 | 100 | 4.39 | 13.3 | 6.96 | 2.812 | -- | -- | 7.972 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte10ft | naphthalene | mg/kg | 18 | 24 | 75 | 0.00091 | 23 | 3.26 | 6.127 | 0.00026 | 0.00031 | 7.34 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | pyrene | mg/kg | 23 | 24 | 96 | 0.0097 | 2.9 | 0.757 | 0.851 | 0.016 | 0.016 | 1.479 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | toluene | µg/kg | 14 | 24 | 58 | 0.12 | 14 | 1.471 | 3.65 | 0.12 | 14 | 3.529 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte10ft | tph as diesel | mg/kg | 24 | 24 | 100 | 38 | 19000 | 2560 | 4026 | -- | -- | 4224 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | tph as gasoline | mg/kg | 21 | 24 | 88 | 0.059 | 1500 | 164.8 | 350.4 | 0.047 | 0.061 | 440 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24748 ravenna ave | lte10ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 98 | 20000 | 2913 | 4140 | -- | -- | 4460 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | vanadium | mg/kg | 24 | 24 | 100 | 22.1 | 34.3 | 28.15 | 2.921 | -- | -- | 29.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24748 ravenna ave | lte10ft | xylenes, total | µg/kg | 15 | 24 | 63 | 0.24 | 1200 | 177.8 | 368.5 | 0.15 | 17 | 221.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24748 ravenna ave | lte10ft | zinc | mg/kg | 24 | 24 | 100 | 26.1 | 45.1 | 30.89 | 4.731 | -- | -- | 32.6 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 10 | 90 | 22 | 4600 | 875.9 | 1479 | 0.11 | 0.11 | 2760 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 10 | 60 | 15 | 1000 | 243.8 | 378 | 0.091 | 18 | 384 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.06 | 24 | 10.23 | 8.966 | -- | -- | 15.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.083 | 31 | 14.78 | 13.24 | -- | -- | 31 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | antimony | mg/kg | 9 | 10 | 90 | 0.482 | 1.61 | 0.943 | 0.364 | 0.306 | 0.306 | 1.115 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.38 | 3.25 | 2.836 | 0.259 | -- | -- | 2.986 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.0188 | 1.1 | 0.342 | 0.319 | -- | -- | 0.527 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | benzene | µg/kg | 6 | 10 | 60 | 0.34 | 1100 | 603.4 | 391.5 | 10 | 12 | 719 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.027 | 1.2 | 0.432 | 0.412 | -- | -- | 0.885 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 10 | 70 | 0.023 | 0.88 | 0.313 | 0.287 | 0.0099 | 0.2 | 0.392 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.093 | 3.7 | 1.107 | 1.101 | -- | -- | 2.186 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 6.02 | 7.96 | 7.104 | 0.675 | -- | -- | 7.495 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.56 | 11.8 | 8.456 | 1.208 | -- | -- | 9.213 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 9 | 10 | 90 | 53 | 2800 | 1361 | 970.9 | 0.14 | 0.14 | 1817 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 5.07 | 11.4 | 7.523 | 1.852 | -- | -- | 8.596 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.053 | 12 | 4.992 | 4.17 | -- | -- | 7.41 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.18 | 8.5 | 2.202 | 2.587 | -- | -- | 4.755 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 260 | 21000 | 10091 | 8110 | -- | -- | 14792 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 0.3 | 710 | 347 | 303.7 | -- | -- | 475.8 | 95% Hall's Bootstrap UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24749 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 590 | 24000 | 11977 | 9459 | -- | -- | 17460 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 22.3 | 29 | 26.62 | 2.026 | -- | -- | 27.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 10 | 70 | 23 | 1700 | 511.9 | 578.7 | 0.19 | 17 | 679 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 24.6 | 75.9 | 34.72 | 15.02 | -- | -- | 44.12 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 18 | 72 | 0.0064 | 9.2 | 0.746 | 2.54 | 0.003 | 0.048 | 2.788 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte02ft | antimony | mg/kg | 15 | 18 | 83 | 0.307 | 1.63 | 0.83 | 0.371 | 0.306 | 0.306 | 0.91 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.62 | 3.57 | 2.863 | 0.514 | -- | -- | 3.074 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00518 | 0.551 | 0.0885 | 0.125 | -- | -- | 0.143 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte02ft | benzene | µg/kg | 10 | 18 | 56 | 0.16 | 0.79 | 0.377 | 0.224 | 0.1 | 12 | 0.374 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 18 | 94 | 0.0062 | 0.4 | 0.0896 | 0.0921 | 0.013 | 0.013 | 0.179 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 14 | 18 | 78 | 0.0033 | 0.46 | 0.0842 | 0.115 | 0.0099 | 0.02 | 0.176 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 18 | 39 | 0.013 | 0.17 | 0.0576 | 0.0534 | 0.0014 | 0.014 | 0.047 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.0099 | 1 | 0.247 | 0.254 | -- | -- | 0.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5.76 | 7.7 | 6.823 | 0.507 | -- | -- | 7.031 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 7.75 | 14.6 | 10.3 | 1.986 | -- | -- | 11.14 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 18 | 67 | 0.0091 | 0.1 | 0.036 | 0.0233 | 0.0035 | 0.035 | 0.0385 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 4.31 | 30.3 | 13.01 | 7.942 | -- | -- | 16.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | lte02ft | naphthalene | mg/kg | 9 | 18 | 50 | 0.00053 | 3.1 | 0.372 | 1.023 | 0.00025 | 0.00034 | 0.957 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24749 ravenna ave | lte02ft | pyrene | mg/kg | 18 | 18 | 100 | 0.006 | 4 | 0.368 | 0.932 | -- | -- | 1.325 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24749 ravenna ave | lte02ft | toluene | µg/kg | 9 | 18 | 50 | 0.21 | 1.5 | 0.568 | 0.517 | 0.11 | 13 | 0.577 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte02ft | tph as diesel | mg/kg | 18 | 18 | 100 | 56 | 13000 | 1711 | 3181 | -- | -- | 3249 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte02ft | tph as gasoline | mg/kg | 9 | 18 | 50 | 0.066 | 3.9 | 0.974 | 1.633 | 0.046 | 0.062 | 1.805 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 230 | 18000 | 2955 | 4086 | -- | -- | 4723 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 19.4 | 29.4 | 25.08 | 2.573 | -- | -- | 26.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 24.1 | 85.2 | 42.17 | 17.33 | -- | -- | 49.73 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 33 | 30 | 9.9 | 1900 | 376.2 | 665.6 | 0.089 | 10 | 429.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24749 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 33 | 18 | 12 | 570 | 109.5 | 225.7 | 0.076 | 8.7 | 63.94 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 17 | 33 | 52 | 0.029 | 13 | 3.042 | 3.809 | 0.0054 | 0.043 | 2.498 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 28 | 33 | 85 | 0.0064 | 14 | 2.096 | 3.893 | 0.003 | 0.048 | 4.562 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte05ft | antimony | mg/kg | 25 | 33 | 76 | 0.307 | 1.63 | 0.831 | 0.323 | 0.306 | 0.306 | 0.819 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | lte05ft | arsenic | mg/kg | 33 | 33 | 100 | 1.52 | 6.22 | 2.748 | 0.898 | -- | -- | 3.009 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | bap teq | mg/kg | 33 | 33 | 100 | 0.00518 | 0.613 | 0.146 | 0.157 | -- | -- | 0.201 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | benzene | µg/kg | 20 | 33 | 61 | 0.15 | 170 | 33.71 | 56.53 | 0.1 | 12 | 56.25 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 32 | 33 | 97 | 0.0062 | 0.49 | 0.157 | 0.136 | 0.013 | 0.013 | 0.256 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 25 | 33 | 76 | 0.0033 | 0.46 | 0.136 | 0.136 | 0.0099 | 0.099 | 0.206 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 33 | 58 | 0.013 | 0.3 | 0.0784 | 0.0701 | 0.0014 | 0.07 | 0.0699 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | chrysene | mg/kg | 33 | 33 | 100 | 0.0099 | 1.5 | 0.465 | 0.423 | -- | -- | 0.633 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | cobalt | mg/kg | 33 | 33 | 100 | 5.43 | 12.9 | 6.919 | 1.24 | -- | -- | 7.307 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte05ft | copper | mg/kg | 33 | 33 | 100 | 7.33 | 28.2 | 10.71 | 3.679 | -- | -- | 11.86 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte05ft | ethylbenzene | µg/kg | 13 | 33 | 39 | 0.18 | 1200 | 310.8 | 387.7 | 0.12 | 13 | 208.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 33 | 61 | 0.0091 | 0.17 | 0.0456 | 0.0367 | 0.0035 | 0.17 | 0.0455 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | lead | mg/kg | 33 | 33 | 100 | 3.84 | 163 | 18.15 | 27.38 | -- | -- | 23.83 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte05ft | naphthalene | mg/kg | 22 | 33 | 67 | 0.00053 | 3.4 | 0.96 | 1.236 | 0.00025 | 0.00034 | 0.994 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | pyrene | mg/kg | 33 | 33 | 100 | 0.006 | 4.8 | 0.827 | 1.197 | -- | -- | 1.736 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24749 ravenna ave | lte05ft | toluene | µg/kg | 10 | 33 | 30 | 0.21 | 1.5 | 0.589 | 0.492 | 0.11 | 24 | 0.536 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | tph as diesel | mg/kg | 33 | 33 | 100 | 56 | 13000 | 3122 | 3625 | -- | -- | 4670 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | tph as gasoline | mg/kg | 23 | 33 | 70 | 0.066 | 430 | 72.73 | 129 | 0.046 | 0.062 | 136.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte05ft | tph as motor oil | mg/kg | 33 | 33 | 100 | 230 | 18000 | 5007 | 5120 | -- | -- | 6961 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte05ft | vanadium | mg/kg | 33 | 33 | 100 | 17 | 40.7 | 24.8 | 4.071 | -- | -- | 26 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte05ft | xylenes, total | µg/kg | 6 | 33 | 18 | 39 | 640 | 168.7 | 234.2 | 0.15 | 18 | 96.17 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte05ft | zinc | mg/kg | 33 | 33 | 100 | 19.4 | 85.2 | 37.59 | 14.91 | -- | -- | 42.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 43 | 44 | 9.9 | 4600 | 612.9 | 1122 | 0.089 | 10 | 812.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24749 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 43 | 28 | 12 | 1000 | 176.7 | 305 | 0.076 | 18 | 103.8 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 27 | 43 | 63 | 0.029 | 24 | 5.705 | 7.019 | 0.0054 | 0.043 | 5.053 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 38 | 43 | 88 | 0.0064 | 31 | 5.434 | 9.26 | 0.003 | 0.048 | 10.71 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte10ft | antimony | mg/kg | 34 | 43 | 79 | 0.307 | 1.63 | 0.861 | 0.333 | 0.306 | 0.306 | 0.852 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24749 ravenna ave | lte10ft | arsenic | mg/kg | 43 | 43 | 100 | 1.52 | 6.22 | 2.768 | 0.794 | -- | -- | 2.968 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | bap teq | mg/kg | 43 | 43 | 100 | 0.00518 | 1.1 | 0.191 | 0.218 | -- | -- | 0.256 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | benzene | µg/kg | 26 | 43 | 60 | 0.15 | 1100 | 165.2 | 305 | 0.1 | 12 | 266.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24749 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 42 | 43 | 98 | 0.0062 | 1.2 | 0.222 | 0.256 | 0.013 | 0.013 | 0.387 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 32 | 43 | 74 | 0.0033 | 0.88 | 0.175 | 0.189 | 0.0099 | 0.2 | 0.254 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 43 | 53 | 0.013 | 0.31 | 0.0813 | 0.0828 | 0.0014 | 0.14 | 0.0701 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | chrysene | mg/kg | 43 | 43 | 100 | 0.0099 | 3.7 | 0.614 | 0.687 | -- | -- | 0.815 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | cobalt | mg/kg | 43 | 43 | 100 | 5.43 | 12.9 | 6.962 | 1.129 | -- | -- | 7.267 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte10ft | copper | mg/kg | 43 | 43 | 100 | 7.33 | 28.2 | 10.18 | 3.399 | -- | -- | 11.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte10ft | ethylbenzene | µg/kg | 22 | 43 | 51 | 0.18 | 2800 | 740.6 | 851.2 | 0.12 | 13 | 578.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 43 | 49 | 0.0091 | 0.17 | 0.0442 | 0.0363 | 0.0035 | 0.35 | 0.0412 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | lead | mg/kg | 43 | 43 | 100 | 3.84 | 163 | 15.68 | 24.34 | -- | -- | 31.86 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte10ft | naphthalene | mg/kg | 32 | 43 | 74 | 0.00053 | 12 | 2.22 | 3.113 | 0.00025 | 0.00034 | 3.553 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | pyrene | mg/kg | 43 | 43 | 100 | 0.006 | 8.5 | 1.147 | 1.694 | -- | -- | 1.672 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte10ft | toluene | µg/kg | 11 | 43 | 26 | 0.2 | 1.5 | 0.554 | 0.481 | 0.11 | 27 | 0.516 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte10ft | tph as diesel | mg/kg | 43 | 43 | 100 | 56 | 21000 | 4743 | 5743 | -- | -- | 6826 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | tph as gasoline | mg/kg | 33 | 43 | 77 | 0.066 | 710 | 155.8 | 231.9 | 0.046 | 0.062 | 261.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24749 ravenna ave | lte10ft | tph as motor oil | mg/kg | 43 | 43 | 100 | 230 | 24000 | 6628 | 6930 | -- | -- | 8955 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte10ft | vanadium | mg/kg | 43 | 43 | 100 | 17 | 40.7 | 25.23 | 3.756 | -- | -- | 26.19 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24749 ravenna ave | lte10ft | xylenes, total | µg/kg | 13 | 43 | 30 | 23 | 1700 | 353.5 | 471.2 | 0.15 | 18 | 200.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24749 ravenna ave | lte10ft | zinc | mg/kg | 43 | 43 | 100 | 19.4 | 85.2 | 36.92 | 14.81 | -- | -- | 40.82 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 10 | 100 | 9.3 | 4100 | 1232 | 1598 | -- | -- | 4100 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 10 | 100 | 0.71 | 660 | 100.4 | 203 | -- | -- | 383.3 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.049 | 9 | 1.758 | 2.714 | -- | -- | 4.164 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.12 | 14 | 2.651 | 4.192 | -- | -- | 6.231 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.6 | 4.64 | 3.502 | 0.697 | -- | -- | 3.906 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.00701 | 0.35 | 0.137 | 0.125 | -- | -- | 0.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | benzene | µg/kg | 9 | 10 | 90 | 0.8 | 80 | 28.87 | 26.16 | 11 | 11 | 41.46 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.0062 | 0.52 | 0.182 | 0.181 | -- | -- | 0.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 10 | 100 | 0.0053 | 0.26 | 0.0994 | 0.0923 | -- | -- | 0.153 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 10 | 80 | 0.0031 | 0.12 | 0.0488 | 0.0376 | 0.0018 | 0.035 | 0.0631 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.019 | 1.2 | 0.439 | 0.397 | -- | -- | 0.669 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.56 | 10.2 | 7.673 | 1.275 | -- | -- | 8.412 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 6.74 | 10.2 | 8.64 | 0.869 | -- | -- | 9.144 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 10 | 60 | 0.0011 | 0.063 | 0.0247 | 0.0223 | 0.0034 | 0.067 | 0.032 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 4 | 1600 | 414.2 | 577.4 | -- | -- | 1471 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 10 | 50 | 0.0009 | 0.053 | 0.027 | 0.0206 | 0.0043 | 0.087 | 0.0341 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.42 | 14.2 | 7.292 | 2.894 | -- | -- | 8.969 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.11 | 6.3 | 1.744 | 2.127 | -- | -- | 4.011 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.016 | 1.2 | 0.402 | 0.341 | -- | -- | 0.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | tert-butyl alcohol (tba) | µg/kg | 5 | 10 | 50 | 15 | 49 | 32.2 | 13.59 | 13 | 1300 | 40.25 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | toluene | µg/kg | 7 | 10 | 70 | 0.19 | 19 | 4.57 | 7.223 | 12 | 13 | 7.883 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 57 | 7300 | 1674 | 2100 | -- | -- | 3531 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 1.3 | 950 | 193.2 | 293.9 | -- | -- | 798.9 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 84 | 7800 | 1938 | 2182 | -- | -- | 3843 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 18.8 | 33 | 27.55 | 4.149 | -- | -- | 29.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 10 | 100 | 4.5 | 1200 | 342.9 | 471.8 | -- | -- | 940.3 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 20.1 | 35.6 | 29.92 | 4.002 | -- | -- | 32.24 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 18 | 56 | 0.11 | 0.72 | 0.291 | 0.197 | 0.088 | 0.1 | 0.288 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 18 | 83 | 0.0012 | 0.034 | 0.0133 | 0.0111 | 0.003 | 0.006 | 0.0163 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.86 | 5.5 | 3.362 | 0.861 | -- | -- | 3.715 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00342 | 0.191 | 0.0395 | 0.0448 | -- | -- | 0.0604 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | benzene | µg/kg | 14 | 18 | 78 | 0.11 | 0.96 | 0.377 | 0.247 | 0.1 | 0.11 | 0.421 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 18 | 94 | 0.0028 | 0.13 | 0.0248 | 0.0309 | 0.0052 | 0.0052 | 0.055 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 18 | 100 | 0.0024 | 0.13 | 0.03 | 0.0324 | -- | -- | 0.0461 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 18 | 83 | 0.0013 | 0.091 | 0.0171 | 0.0225 | 0.0018 | 0.0035 | 0.0364 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 18 | 33 | 0.0014 | 0.058 | 0.0125 | 0.0224 | 0.0011 | 0.023 | 0.0116 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24752 ravenna ave | lte02ft | chrysene | mg/kg | 17 | 18 | 94 | 0.0055 | 0.25 | 0.0596 | 0.0619 | 0.0095 | 0.0095 | 0.12 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5.71 | 10.2 | 6.664 | 1.028 | -- | -- | 7.071 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24752 ravenna ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 7.34 | 19.7 | 9.734 | 3.313 | -- | -- | 11.16 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 13 | 18 | 72 | 0.001 | 0.068 | 0.012 | 0.018 | 0.0034 | 0.0067 | 0.0257 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 18 | 83 | 0.0013 | 0.073 | 0.0136 | 0.0174 | 0.0043 | 0.0087 | 0.0288 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24752 ravenna ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 4.35 | 45.5 | 10.33 | 9.35 | -- | -- | 13.59 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24752 ravenna ave | lte02ft | naphthalene | mg/kg | 11 | 18 | 61 | 0.00031 | 0.045 | 0.00782 | 0.013 | 0.00025 | 0.00028 | 0.00944 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | pyrene | mg/kg | 17 | 18 | 94 | 0.0029 | 0.23 | 0.0383 | 0.0531 | 0.0065 | 0.0065 | 0.09 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | toluene | µg/kg | 12 | 18 | 67 | 0.16 | 0.72 | 0.366 | 0.184 | 0.11 | 0.12 | 0.372 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte02ft | tph as diesel | mg/kg | 17 | 18 | 94 | 12 | 1200 | 331.4 | 390.6 | 4.8 | 4.8 | 711.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | tph as motor oil | mg/kg | 17 | 18 | 94 | 38 | 2800 | 849.3 | 899.5 | 7 | 7 | 1724 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 18.7 | 31.4 | 23.82 | 3.423 | -- | -- | 25.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte02ft | xylenes, total | µg/kg | 8 | 18 | 44 | 0.17 | 0.48 | 0.328 | 0.13 | 0.15 | 0.18 | 0.304 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 23.5 | 60.5 | 32.46 | 8.959 | -- | -- | 36.31 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 27 | 35 | 77 | 0.11 | 1900 | 191.1 | 491.5 | 0.088 | 0.1 | 471.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 15 | 35 | 43 | 0.083 | 190 | 29.63 | 55.97 | 0.075 | 8.1 | 41.96 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte05ft | 1-methylnaphthalene | mg/kg | 21 | 35 | 60 | 0.0025 | 62 | 6.316 | 13.49 | 0.0011 | 0.043 | 7.163 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte05ft | 2-methylnaphthalene | mg/kg | 32 | 35 | 91 | 0.0012 | 85 | 5.602 | 15.6 | 0.003 | 0.006 | 16.18 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte05ft | arsenic | mg/kg | 35 | 35 | 100 | 1.86 | 5.5 | 3.34 | 0.766 | -- | -- | 3.559 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte05ft | bap teq | mg/kg | 34 | 35 | 97 | 0.00342 | 1.521 | 0.125 | 0.264 | 0.103 | 0.103 | 0.315 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24752 ravenna ave | lte05ft | benzene | µg/kg | 23 | 35 | 66 | 0.11 | 49 | 2.48 | 10.14 | 0.1 | 11 | 7.815 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte05ft | benzo (a) anthracene | mg/kg | 32 | 35 | 91 | 0.0028 | 1.4 | 0.128 | 0.262 | 0.0052 | 0.26 | 0.305 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24752 ravenna ave | lte05ft | benzo (a) pyrene | mg/kg | 31 | 35 | 89 | 0.0024 | 1.2 | 0.0959 | 0.216 | 0.0049 | 0.2 | 0.239 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24752 ravenna ave | lte05ft | benzo (b) fluoranthene | mg/kg | 27 | 35 | 77 | 0.001 | 0.54 | 0.0483 | 0.104 | 0.0018 | 0.14 | 0.108 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24752 ravenna ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 35 | 20 | 0.0014 | 0.058 | 0.0126 | 0.0204 | 0.0011 | 0.45 | 0.00896 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte05ft | chrysene | mg/kg | 33 | 35 | 94 | 0.0055 | 4.1 | 0.322 | 0.729 | 0.0095 | 0.24 | 0.829 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24752 ravenna ave | lte05ft | cobalt | mg/kg | 35 | 35 | 100 | 5.71 | 10.2 | 6.719 | 0.873 | -- | -- | 6.96 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24752 ravenna ave | lte05ft | copper | mg/kg | 35 | 35 | 100 | 6.57 | 19.7 | 9.003 | 2.65 | -- | -- | 9.795 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 16 | 35 | 46 | 0.001 | 0.068 | 0.0134 | 0.017 | 0.0007 | 0.27 | 0.0132 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte05ft | ethylbenzene | µg/kg | 19 | 35 | 54 | 0.13 | 600 | 96.24 | 177.7 | 0.12 | 13 | 95.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 35 | 51 | 0.0013 | 0.073 | 0.016 | 0.0189 | 0.0009 | 0.35 | 0.0174 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte05ft | lead | mg/kg | 35 | 35 | 100 | 4.18 | 265 | 15.64 | 43.95 | -- | -- | 48.02 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte05ft | naphthalene | mg/kg | 28 | 35 | 80 | 0.00031 | 34 | 2.362 | 6.512 | 0.00025 | 0.00028 | 6.239 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24752 ravenna ave | lte05ft | pyrene | mg/kg | 34 | 35 | 97 | 0.0029 | 5.4 | 0.446 | 0.987 | 0.0065 | 0.0065 | 1.152 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24752 ravenna ave | lte05ft | toluene | µg/kg | 20 | 35 | 57 | 0.16 | 33 | 1.96 | 7.308 | 0.11 | 12 | 5.331 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte05ft | tph as diesel | mg/kg | 34 | 35 | 97 | 12 | 14000 | 2224 | 3554 | 4.8 | 4.8 | 4756 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24752 ravenna ave | lte05ft | tph as gasoline | mg/kg | 19 | 35 | 54 | 0.096 | 410 | 98.97 | 126.7 | 0.046 | 0.071 | 132 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte05ft | tph as motor oil | mg/kg | 34 | 35 | 97 | 38 | 16000 | 2614 | 3629 | 7 | 7 | 5195 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte05ft | vanadium | mg/kg | 35 | 35 | 100 | 18.7 | 31.4 | 23.87 | 2.945 | -- | -- | 24.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte05ft | xylenes, total | µg/kg | 23 | 35 | 66 | 0.17 | 610 | 59.53 | 147.8 | 0.15 | 16 | 130 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte05ft | zinc | mg/kg | 35 | 35 | 100 | 23.5 | 60.5 | 29.81 | 7.173 | -- | -- | 31.95 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 37 | 45 | 82 | 0.11 | 4100 | 472.4 | 1016 | 0.088 | 0.1 | 998.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 25 | 45 | 56 | 0.083 | 660 | 57.94 | 136.1 | 0.075 | 8.1 | 62.38 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte10ft | 1-methylnaphthalene | mg/kg | 31 | 45 | 69 | 0.0025 | 62 | 4.846 | 11.32 | 0.0011 | 0.043 | 6.277 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte10ft | 2-methylnaphthalene | mg/kg | 42 | 45 | 93 | 0.0012 | 85 | 4.9 | 13.77 | 0.003 | 0.006 | 13.25 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte10ft | arsenic | mg/kg | 45 | 45 | 100 | 1.86 | 5.5 | 3.376 | 0.746 | -- | -- | 3.563 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte10ft | bap teq | mg/kg | 44 | 45 | 98 | 0.00342 | 1.521 | 0.128 | 0.238 | 0.103 | 0.103 | 0.279 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24752 ravenna ave | lte10ft | benzene | µg/kg | 32 | 45 | 71 | 0.11 | 80 | 9.901 | 19.87 | 0.1 | 11 | 18.41 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte10ft | benzo (a) anthracene | mg/kg | 42 | 45 | 93 | 0.0028 | 1.4 | 0.141 | 0.244 | 0.0052 | 0.26 | 0.288 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24752 ravenna ave | lte10ft | benzo (a) pyrene | mg/kg | 41 | 45 | 91 | 0.0024 | 1.2 | 0.0968 | 0.192 | 0.0049 | 0.2 | 0.211 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24752 ravenna ave | lte10ft | benzo (b) fluoranthene | mg/kg | 35 | 45 | 78 | 0.001 | 0.54 | 0.0484 | 0.0924 | 0.0018 | 0.14 | 0.0941 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 45 | 22 | 0.0013 | 0.058 | 0.0141 | 0.0192 | 0.0011 | 0.45 | 0.00946 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte10ft | chrysene | mg/kg | 43 | 45 | 96 | 0.0055 | 4.1 | 0.349 | 0.664 | 0.0095 | 0.24 | 0.759 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24752 ravenna ave | lte10ft | cobalt | mg/kg | 45 | 45 | 100 | 5.56 | 10.2 | 6.931 | 1.04 | -- | -- | 7.197 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte10ft | copper | mg/kg | 45 | 45 | 100 | 6.57 | 19.7 | 8.922 | 2.367 | -- | -- | 9.542 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 22 | 45 | 49 | 0.001 | 0.068 | 0.0165 | 0.0187 | 0.0007 | 0.27 | 0.0154 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte10ft | ethylbenzene | µg/kg | 29 | 45 | 64 | 0.13 | 1600 | 205.9 | 388.7 | 0.12 | 13 | 220.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 45 | 51 | 0.0009 | 0.073 | 0.0184 | 0.0194 | 0.0009 | 0.35 | 0.0183 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte10ft | lead | mg/kg | 45 | 45 | 100 | 3.42 | 265 | 13.79 | 38.81 | -- | -- | 39.01 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte10ft | naphthalene | mg/kg | 38 | 45 | 84 | 0.00031 | 34 | 2.199 | 5.668 | 0.00025 | 0.00028 | 5.282 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte10ft | pyrene | mg/kg | 44 | 45 | 98 | 0.0029 | 5.4 | 0.436 | 0.879 | 0.0065 | 0.0065 | 0.992 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24752 ravenna ave | lte10ft | tert-butyl alcohol (tba) | µg/kg | 7 | 45 | 16 | 15 | 49 | 30.14 | 11.7 | 12 | 1300 | 26.47 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte10ft | toluene | µg/kg | 27 | 45 | 60 | 0.16 | 33 | 2.636 | 7.241 | 0.11 | 13 | 5.522 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte10ft | tph as diesel | mg/kg | 44 | 45 | 98 | 12 | 14000 | 2099 | 3266 | 4.8 | 4.8 | 4161 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24752 ravenna ave | lte10ft | tph as gasoline | mg/kg | 29 | 45 | 64 | 0.096 | 950 | 131.5 | 200.4 | 0.046 | 0.071 | 197.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte10ft | tph as motor oil | mg/kg | 44 | 45 | 98 | 38 | 16000 | 2460 | 3345 | 7 | 7 | 4568 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24752 ravenna ave | lte10ft | vanadium | mg/kg | 45 | 45 | 100 | 18.7 | 33 | 24.69 | 3.552 | -- | -- | 25.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24752 ravenna ave | lte10ft | xylenes, total | µg/kg | 33 | 45 | 73 | 0.17 | 1200 | 145.4 | 308.4 | 0.15 | 16 | 283.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24752 ravenna ave | lte10ft | zinc | mg/kg | 45 | 45 | 100 | 20.1 | 60.5 | 29.83 | 6.561 | -- | -- | 31.54 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 12 | 58 | 0.0006 | 0.004 | 0.00161 | 0.00117 | 0.0006 | 0.0009 | 0.00178 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 1.84 | 5.14 | 4.223 | 0.814 | -- | -- | 4.645 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | gt05lte10ft | bap teq | mg/kg | 10 | 12 | 83 | 0.000537 | 0.0135 | 0.00374 | 0.00386 | 0.0004723 | 0.00053 | 0.00792 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 12 | 67 | 0.0016 | 0.014 | 0.00428 | 0.00418 | 0.0007 | 0.00078 | 0.00527 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 12 | 67 | 0.0009 | 0.01 | 0.0034 | 0.00291 | 0.0005 | 0.00051 | 0.00403 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 12 | 42 | 0.0008 | 0.0068 | 0.0029 | 0.00233 | 0.0004 | 0.00051 | 0.00313 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | chromium, hexavalent | mg/kg | 8 | 12 | 67 | 0.22 | 0.8 | 0.313 | 0.199 | 0.22 | 0.22 | 0.374 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | gt05lte10ft | chrysene | mg/kg | 10 | 12 | 83 | 0.0013 | 0.039 | 0.00918 | 0.0114 | 0.00058 | 0.0012 | 0.0215 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 6.07 | 10.3 | 8.389 | 1.145 | -- | -- | 8.983 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 6.35 | 10.8 | 8.022 | 1.109 | -- | -- | 8.597 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 2.96 | 6.58 | 5.003 | 0.855 | -- | -- | 5.446 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | naphthalene | mg/kg | 5 | 12 | 42 | 0.0011 | 0.0018 | 0.00148 | 0.00031145 | 0.00025 | 0.00028 | 0.00163 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | pyrene | mg/kg | 11 | 12 | 92 | 0.0008 | 0.02 | 0.0057 | 0.00548 | 0.0008 | 0.0008 | 0.0121 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 25.2 | 33.4 | 30.09 | 2.217 | -- | -- | 31.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 23.9 | 32.6 | 28.03 | 2.434 | -- | -- | 29.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 24 | 29 | 0.11 | 0.52 | 0.304 | 0.141 | 0.091 | 0.51 | 0.271 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 24 | 54 | 0.0048 | 0.81 | 0.127 | 0.218 | 0.003 | 0.06 | 0.153 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 1.54 | 4.91 | 3.285 | 0.787 | -- | -- | 3.561 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte02ft | bap teq | mg/kg | 24 | 24 | 100 | 0.0139 | 0.775 | 0.129 | 0.157 | -- | -- | 0.186 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | benzene | µg/kg | 14 | 24 | 58 | 0.12 | 0.6 | 0.272 | 0.148 | 0.1 | 0.13 | 0.257 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 24 | 24 | 100 | 0.011 | 0.41 | 0.115 | 0.0984 | -- | -- | 0.16 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 24 | 24 | 100 | 0.01 | 0.57 | 0.095 | 0.116 | -- | -- | 0.138 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 24 | 63 | 0.0076 | 0.77 | 0.0938 | 0.192 | 0.007 | 0.035 | 0.124 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte02ft | chrysene | mg/kg | 24 | 24 | 100 | 0.02 | 0.68 | 0.286 | 0.232 | -- | -- | 0.404 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 4.96 | 7.96 | 6.815 | 0.723 | -- | -- | 7.068 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte02ft | copper | mg/kg | 24 | 24 | 100 | 6.06 | 15.7 | 9.577 | 2.276 | -- | -- | 10.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 24 | 21 | 0.0082 | 0.056 | 0.0277 | 0.0237 | 0.0034 | 0.067 | 0.0232 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 24 | 54 | 0.006 | 0.44 | 0.0651 | 0.115 | 0.0043 | 0.087 | 0.0797 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte02ft | lead | mg/kg | 24 | 24 | 100 | 3.15 | 36.6 | 13.37 | 8.647 | -- | -- | 16.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | naphthalene | mg/kg | 10 | 24 | 42 | 0.00026 | 0.059 | 0.0102 | 0.0177 | 0.00025 | 0.00066 | 0.00877 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | pyrene | mg/kg | 24 | 24 | 100 | 0.012 | 0.93 | 0.22 | 0.252 | -- | -- | 0.334 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | toluene | µg/kg | 12 | 24 | 50 | 0.13 | 0.47 | 0.249 | 0.104 | 0.12 | 0.45 | 0.238 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte02ft | tph as diesel | mg/kg | 24 | 24 | 100 | 6.1 | 3100 | 664.3 | 836.2 | -- | -- | 1092 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | tph as gasoline | mg/kg | 10 | 24 | 42 | 0.056 | 280 | 28.12 | 88.5 | 0.041 | 0.068 | 64.21 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte02ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 10 | 6100 | 1505 | 1546 | -- | -- | 2353 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 15.6 | 28.4 | 23.92 | 3.033 | -- | -- | 24.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 20.3 | 65.6 | 36.11 | 11.21 | -- | -- | 40.09 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 40 | 28 | 0.11 | 20 | 2.085 | 5.943 | 0.091 | 0.51 | 2.143 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 40 | 23 | 0.0012 | 1.7 | 0.351 | 0.597 | 0.001 | 0.11 | 0.166 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 40 | 63 | 0.0006 | 1.3 | 0.138 | 0.301 | 0.0006 | 0.06 | 0.155 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte05ft | antimony | mg/kg | 6 | 40 | 15 | 0.543 | 0.817 | 0.681 | 0.114 | 0.142 | 0.306 | 0.706 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte05ft | arsenic | mg/kg | 40 | 40 | 100 | 1.04 | 5.33 | 2.836 | 1.098 | -- | -- | 3.128 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte05ft | bap teq | mg/kg | 39 | 40 | 98 | 0.000603 | 1.89 | 0.141 | 0.318 | 0.00053 | 0.00053 | 0.354 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte05ft | benzene | µg/kg | 18 | 40 | 45 | 0.12 | 0.6 | 0.247 | 0.139 | 0.1 | 10 | 0.21 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 39 | 40 | 98 | 0.001 | 1.6 | 0.129 | 0.264 | 0.0007 | 0.0007 | 0.307 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 38 | 40 | 95 | 0.001 | 1.4 | 0.107 | 0.238 | 0.0005 | 0.0005 | 0.263 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 24 | 40 | 60 | 0.0009 | 0.77 | 0.0903 | 0.201 | 0.0004 | 0.035 | 0.105 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 40 | 15 | 0.0078 | 0.33 | 0.117 | 0.155 | 0.0007 | 0.11 | 0.0439 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 40 | 18 | 0.22 | 0.52 | 0.314 | 0.129 | 0.22 | 0.22 | 0.254 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte05ft | chrysene | mg/kg | 39 | 40 | 98 | 0.0014 | 4.6 | 0.335 | 0.744 | 0.0012 | 0.0012 | 0.834 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte05ft | cobalt | mg/kg | 40 | 40 | 100 | 4.54 | 7.96 | 6.205 | 1.082 | -- | -- | 6.493 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte05ft | copper | mg/kg | 40 | 40 | 100 | 4.24 | 21.2 | 8.634 | 3.33 | -- | -- | 9.519 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 40 | 15 | 0.0082 | 0.34 | 0.0798 | 0.129 | 0.00052 | 0.067 | 0.0345 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 40 | 50 | 0.001 | 0.69 | 0.0796 | 0.173 | 0.0009 | 0.087 | 0.131 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24802 panama ave | lte05ft | lead | mg/kg | 40 | 40 | 100 | 1.78 | 175 | 14.32 | 27.34 | -- | -- | 17.86 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24802 panama ave | lte05ft | naphthalene | mg/kg | 19 | 40 | 48 | 0.00026 | 0.27 | 0.0299 | 0.0716 | 0.00025 | 0.00066 | 0.0499 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24802 panama ave | lte05ft | pyrene | mg/kg | 39 | 40 | 98 | 0.0009 | 4.2 | 0.306 | 0.737 | 0.0008 | 0.0008 | 0.801 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte05ft | toluene | µg/kg | 19 | 40 | 48 | 0.13 | 16 | 1.064 | 3.618 | 0.12 | 0.45 | 1.386 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte05ft | tph as diesel | mg/kg | 34 | 40 | 85 | 5 | 13000 | 1004 | 2342 | 4.8 | 4.9 | 2363 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte05ft | tph as gasoline | mg/kg | 16 | 40 | 40 | 0.056 | 280 | 31.36 | 86.05 | 0.041 | 0.068 | 51.64 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte05ft | tph as motor oil | mg/kg | 35 | 40 | 88 | 10 | 30000 | 2127 | 5104 | 7 | 7 | 5189 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte05ft | vanadium | mg/kg | 40 | 40 | 100 | 13.4 | 32 | 21.38 | 5.09 | -- | -- | 22.85 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte05ft | xylenes, total | µg/kg | 7 | 40 | 18 | 0.32 | 21 | 3.504 | 7.717 | 0.16 | 0.29 | 2.409 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte05ft | zinc | mg/kg | 40 | 40 | 100 | 15.6 | 76 | 31.4 | 13.89 | -- | -- | 35.12 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 52 | 29 | 0.11 | 20 | 1.652 | 5.078 | 0.09 | 0.51 | 1.695 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 52 | 10 | 0.088 | 11 | 2.292 | 4.868 | 0.076 | 0.48 | 1.313 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 52 | 19 | 0.0011 | 1.7 | 0.316 | 0.573 | 0.001 | 0.11 | 0.128 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 32 | 52 | 62 | 0.0006 | 1.3 | 0.108 | 0.271 | 0.0006 | 0.06 | 0.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24802 panama ave | lte10ft | antimony | mg/kg | 8 | 52 | 15 | 0.543 | 0.852 | 0.706 | 0.113 | 0.142 | 0.306 | 0.704 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte10ft | arsenic | mg/kg | 52 | 52 | 100 | 1.04 | 5.33 | 3.156 | 1.189 | -- | -- | 3.432 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte10ft | bap teq | mg/kg | 49 | 52 | 94 | 0.000537 | 1.89 | 0.113 | 0.289 | 0.0004723 | 0.00053 | 0.276 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte10ft | benzene | µg/kg | 21 | 52 | 40 | 0.1 | 0.6 | 0.231 | 0.135 | 0.097 | 10 | 0.188 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24802 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 47 | 52 | 90 | 0.001 | 1.6 | 0.108 | 0.245 | 0.0007 | 0.00078 | 0.24 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 46 | 52 | 88 | 0.0009 | 1.4 | 0.0891 | 0.22 | 0.0005 | 0.00051 | 0.205 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 29 | 52 | 56 | 0.0008 | 0.77 | 0.0753 | 0.185 | 0.0004 | 0.035 | 0.129 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24802 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 52 | 13 | 0.0018 | 0.33 | 0.1 | 0.148 | 0.0007 | 0.11 | 0.0305 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte10ft | chromium, hexavalent | mg/kg | 15 | 52 | 29 | 0.22 | 0.8 | 0.313 | 0.164 | 0.22 | 0.22 | 0.27 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte10ft | chrysene | mg/kg | 49 | 52 | 94 | 0.0013 | 4.6 | 0.269 | 0.675 | 0.00058 | 0.0012 | 0.651 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte10ft | cobalt | mg/kg | 52 | 52 | 100 | 4.54 | 10.3 | 6.709 | 1.429 | -- | -- | 7.041 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte10ft | copper | mg/kg | 52 | 52 | 100 | 4.24 | 21.2 | 8.492 | 2.969 | -- | -- | 9.162 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 52 | 13 | 0.0008 | 0.34 | 0.0685 | 0.122 | 0.00052 | 0.067 | 0.0222 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte10ft | ethylbenzene | µg/kg | 5 | 52 | 10 | 0.12 | 0.19 | 0.16 | 0.0255 | 0.11 | 12 | 0.163 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 24 | 52 | 46 | 0.001 | 0.69 | 0.0666 | 0.16 | 0.00053 | 0.087 | 0.0586 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte10ft | lead | mg/kg | 52 | 52 | 100 | 1.78 | 175 | 12.17 | 24.24 | -- | -- | 26.82 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte10ft | naphthalene | mg/kg | 24 | 52 | 46 | 0.00026 | 0.27 | 0.024 | 0.0644 | 0.00025 | 0.00066 | 0.0387 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte10ft | pyrene | mg/kg | 50 | 52 | 96 | 0.0008 | 4.2 | 0.24 | 0.661 | 0.0008 | 0.0008 | 0.624 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24802 panama ave | lte10ft | toluene | µg/kg | 22 | 52 | 42 | 0.13 | 16 | 0.94 | 3.365 | 0.12 | 0.45 | 1.087 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte10ft | tph as diesel | mg/kg | 37 | 52 | 71 | 5 | 13000 | 926.6 | 2258 | 4.8 | 4.9 | 1840 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24802 panama ave | lte10ft | tph as gasoline | mg/kg | 19 | 52 | 37 | 0.056 | 280 | 26.42 | 79.42 | 0.04 | 0.068 | 39.76 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte10ft | tph as motor oil | mg/kg | 38 | 52 | 73 | 10 | 30000 | 1967 | 4924 | 7 | 7 | 4040 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24802 panama ave | lte10ft | vanadium | mg/kg | 52 | 52 | 100 | 13.4 | 33.4 | 23.39 | 5.882 | -- | -- | 24.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24802 panama ave | lte10ft | xylenes, total | µg/kg | 9 | 52 | 17 | 0.17 | 21 | 2.831 | 6.817 | 0.15 | 0.29 | 1.845 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24802 panama ave | lte10ft | zinc | mg/kg | 52 | 52 | 100 | 15.6 | 76 | 30.62 | 12.28 | -- | -- | 33.54 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.0013 | 0.0032 | 0.00185 | 0.00070356 | 0.0006 | 0.0012 | 0.00211 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 2.8 | 6.7 | 4.339 | 1.179 | -- | -- | 5.128 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00105 | 0.00572 | 0.00314 | 0.00163 | -- | -- | 0.00423 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 8 | 88 | 0.0011 | 0.0051 | 0.00241 | 0.00136 | 0.0013 | 0.0013 | 0.00316 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.0007 | 0.0039 | 0.00261 | 0.00113 | 0.001 | 0.001 | 0.00322 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | chrysene | mg/kg | 7 | 8 | 88 | 0.0028 | 0.015 | 0.0072 | 0.00392 | 0.0012 | 0.0012 | 0.00932 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 4.68 | 9.17 | 6.19 | 1.375 | -- | -- | 7.111 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 7.03 | 9.25 | 8.171 | 0.858 | -- | -- | 8.746 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.3 | 7.07 | 5.348 | 0.958 | -- | -- | 5.989 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.0013 | 0.007 | 0.0047 | 0.00204 | -- | -- | 0.00607 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 7 | 8 | 88 | 10 | 59 | 28.14 | 20.93 | 4.8 | 4.8 | 57.66 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 15 | 110 | 51.5 | 27.93 | -- | -- | 70.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 22.4 | 32.5 | 28.24 | 3.593 | -- | -- | 30.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 22.8 | 31 | 26.29 | 2.604 | -- | -- | 28.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 16 | 81 | 0.0016 | 0.13 | 0.0343 | 0.0378 | 0.012 | 0.012 | 0.0681 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.37 | 3.2 | 2.136 | 0.547 | -- | -- | 2.376 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00367 | 0.23 | 0.0542 | 0.0608 | -- | -- | 0.0876 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte02ft | benzene | µg/kg | 11 | 16 | 69 | 0.15 | 0.48 | 0.284 | 0.134 | 0.11 | 0.13 | 0.294 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 16 | 88 | 0.007 | 0.15 | 0.0515 | 0.0491 | 0.013 | 0.013 | 0.0653 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 11 | 16 | 69 | 0.0052 | 0.18 | 0.0522 | 0.0559 | 0.0025 | 0.049 | 0.064 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24803 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 16 | 69 | 0.0042 | 0.1 | 0.0283 | 0.0285 | 0.007 | 0.035 | 0.0328 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.019 | 0.64 | 0.145 | 0.17 | -- | -- | 0.237 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.7 | 9.98 | 6.708 | 1.141 | -- | -- | 7.201 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.57 | 15.3 | 9.778 | 2.264 | -- | -- | 10.77 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 16 | 50 | 0.0034 | 0.097 | 0.0274 | 0.0296 | 0.0043 | 0.087 | 0.0287 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.39 | 25 | 13.11 | 6.812 | -- | -- | 16.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.01 | 0.51 | 0.115 | 0.149 | -- | -- | 0.194 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte02ft | toluene | µg/kg | 11 | 16 | 69 | 0.14 | 0.75 | 0.361 | 0.203 | 0.12 | 0.17 | 0.383 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 14 | 6400 | 665.7 | 1545 | -- | -- | 2349 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24803 neptune ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 59 | 14000 | 1652 | 3352 | -- | -- | 5305 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24803 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 18.9 | 28.4 | 22.52 | 3.13 | -- | -- | 23.93 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 23.1 | 106 | 41.34 | 20.11 | -- | -- | 49.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 24 | 25 | 0.15 | 0.53 | 0.305 | 0.163 | 0.088 | 0.13 | 0.27 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 24 | 79 | 0.0008 | 0.13 | 0.0241 | 0.0345 | 0.0006 | 0.012 | 0.048 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 1.17 | 3.2 | 1.979 | 0.589 | -- | -- | 2.185 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte05ft | bap teq | mg/kg | 23 | 24 | 96 | 0.000893 | 0.23 | 0.0393 | 0.0553 | 0.00411 | 0.00411 | 0.0864 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | benzene | µg/kg | 13 | 24 | 54 | 0.12 | 0.48 | 0.27 | 0.13 | 0.1 | 0.13 | 0.244 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 24 | 88 | 0.001 | 0.15 | 0.0355 | 0.0458 | 0.0052 | 0.013 | 0.0709 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 24 | 71 | 0.0014 | 0.18 | 0.0353 | 0.0502 | 0.0005 | 0.049 | 0.0662 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 24 | 67 | 0.001 | 0.1 | 0.0202 | 0.0263 | 0.0004 | 0.035 | 0.0226 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | chrysene | mg/kg | 23 | 24 | 96 | 0.0019 | 0.64 | 0.103 | 0.154 | 0.0095 | 0.0095 | 0.235 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 5.51 | 9.98 | 6.56 | 1.013 | -- | -- | 6.904 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte05ft | copper | mg/kg | 24 | 24 | 100 | 5.52 | 15.3 | 8.73 | 2.401 | -- | -- | 9.573 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 24 | 50 | 0.0011 | 0.097 | 0.0192 | 0.0266 | 0.0009 | 0.087 | 0.0189 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | lead | mg/kg | 24 | 24 | 100 | 3.37 | 25 | 10.31 | 6.868 | -- | -- | 13.84 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24803 neptune ave | lte05ft | naphthalene | mg/kg | 5 | 24 | 21 | 0.001 | 0.0076 | 0.00388 | 0.00282 | 0.00025 | 0.00037 | 0.00495 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte05ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0022 | 0.51 | 0.0796 | 0.131 | -- | -- | 0.132 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | toluene | µg/kg | 14 | 24 | 58 | 0.14 | 0.75 | 0.335 | 0.19 | 0.11 | 0.17 | 0.319 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte05ft | tph as diesel | mg/kg | 23 | 24 | 96 | 6.6 | 6400 | 479.9 | 1308 | 4.8 | 4.8 | 1603 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte05ft | tph as motor oil | mg/kg | 23 | 24 | 96 | 20 | 14000 | 1192 | 2858 | 7 | 7 | 3642 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 17.6 | 28.4 | 21.81 | 3.007 | -- | -- | 22.88 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 20.1 | 106 | 35.3 | 18.49 | -- | -- | 42.11 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 32 | 25 | 0.13 | 0.53 | 0.28 | 0.151 | 0.087 | 0.13 | 0.228 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 32 | 78 | 0.0008 | 0.13 | 0.0187 | 0.0314 | 0.0006 | 0.012 | 0.0371 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 neptune ave | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 1.17 | 6.7 | 2.569 | 1.284 | -- | -- | 2.962 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte10ft | bap teq | mg/kg | 31 | 32 | 97 | 0.000893 | 0.23 | 0.03 | 0.05 | 0.00411 | 0.00411 | 0.0672 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte10ft | benzene | µg/kg | 17 | 32 | 53 | 0.12 | 0.48 | 0.238 | 0.127 | 0.1 | 0.13 | 0.216 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 32 | 88 | 0.001 | 0.15 | 0.0272 | 0.0421 | 0.0013 | 0.013 | 0.0552 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24803 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 24 | 32 | 75 | 0.0007 | 0.18 | 0.0258 | 0.0445 | 0.0005 | 0.049 | 0.0509 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 32 | 63 | 0.001 | 0.1 | 0.0165 | 0.0246 | 0.0004 | 0.035 | 0.018 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 32 | 16 | 0.0014 | 0.026 | 0.0082 | 0.0102 | 0.0011 | 0.11 | 0.00454 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 6 | 32 | 19 | 0.22 | 0.33 | 0.252 | 0.0426 | 0.22 | 0.22 | 0.241 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte10ft | chrysene | mg/kg | 30 | 32 | 94 | 0.0019 | 0.64 | 0.081 | 0.141 | 0.0012 | 0.0095 | 0.182 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 4.68 | 9.98 | 6.468 | 1.102 | -- | -- | 6.807 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 neptune ave | lte10ft | copper | mg/kg | 32 | 32 | 100 | 5.52 | 15.3 | 8.59 | 2.122 | -- | -- | 9.212 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 32 | 47 | 0.0009 | 0.097 | 0.0155 | 0.0247 | 0.0009 | 0.087 | 0.0141 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte10ft | lead | mg/kg | 32 | 32 | 100 | 3.37 | 25 | 9.068 | 6.322 | -- | -- | 13.94 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 neptune ave | lte10ft | naphthalene | mg/kg | 8 | 32 | 25 | 0.001 | 0.0076 | 0.00304 | 0.00246 | 0.00024 | 0.00037 | 0.00203 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 neptune ave | lte10ft | pyrene | mg/kg | 32 | 32 | 100 | 0.0013 | 0.51 | 0.0609 | 0.117 | -- | -- | 0.0974 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte10ft | toluene | µg/kg | 15 | 32 | 47 | 0.13 | 0.75 | 0.321 | 0.191 | 0.11 | 0.17 | 0.269 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte10ft | tph as diesel | mg/kg | 30 | 32 | 94 | 6.6 | 6400 | 374.5 | 1156 | 4.8 | 4.8 | 1216 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24803 neptune ave | lte10ft | tph as motor oil | mg/kg | 31 | 32 | 97 | 15 | 14000 | 897.6 | 2500 | 7 | 7 | 2770 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 neptune ave | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 17.6 | 32.5 | 23.42 | 4.197 | -- | -- | 24.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 neptune ave | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 20.1 | 106 | 33.04 | 16.46 | -- | -- | 38.24 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 8 | 88 | 0.0055 | 8.4 | 1.224 | 3.164 | 0.021 | 0.021 | 5.683 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0097 | 10 | 1.295 | 3.518 | -- | -- | 10 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte02ft | arsenic | mg/kg | 8 | 8 | 100 | 1.52 | 3.72 | 2.471 | 0.86 | -- | -- | 3.047 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte02ft | bap teq | mg/kg | 7 | 8 | 88 | 0.00054 | 0.132 | 0.0283 | 0.0464 | 0.00103 | 0.00103 | 0.0935 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte02ft | benzene | µg/kg | 6 | 8 | 75 | 0.12 | 1.6 | 0.438 | 0.573 | 0.1 | 0.12 | 0.725 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24803 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 5 | 8 | 63 | 0.003 | 0.29 | 0.0696 | 0.123 | 0.0007 | 0.013 | 0.118 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 panama ave | lte02ft | chrysene | mg/kg | 7 | 8 | 88 | 0.0016 | 0.82 | 0.151 | 0.296 | 0.0024 | 0.0024 | 0.568 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte02ft | cobalt | mg/kg | 8 | 8 | 100 | 4.79 | 6.79 | 5.566 | 0.745 | -- | -- | 6.066 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte02ft | copper | mg/kg | 8 | 8 | 100 | 6.6 | 10.1 | 7.786 | 1.116 | -- | -- | 8.534 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte02ft | lead | mg/kg | 8 | 8 | 100 | 2.87 | 7.65 | 4.865 | 1.719 | -- | -- | 6.017 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte02ft | naphthalene | mg/kg | 6 | 8 | 75 | 0.004 | 3.9 | 0.673 | 1.581 | 0.00027 | 0.00028 | 2.672 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24803 panama ave | lte02ft | pyrene | mg/kg | 7 | 8 | 88 | 0.0017 | 1.3 | 0.198 | 0.486 | 0.016 | 0.016 | 0.882 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24803 panama ave | lte02ft | toluene | µg/kg | 6 | 8 | 75 | 0.13 | 0.42 | 0.237 | 0.114 | 0.12 | 0.13 | 0.284 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte02ft | tph as diesel | mg/kg | 5 | 8 | 63 | 48 | 4500 | 1506 | 1986 | 4.8 | 4.8 | 2136 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte02ft | tph as motor oil | mg/kg | 5 | 8 | 63 | 130 | 7800 | 2588 | 3133 | 7 | 7 | 3550 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte02ft | vanadium | mg/kg | 8 | 8 | 100 | 16.1 | 25.3 | 19.61 | 3.256 | -- | -- | 21.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte02ft | zinc | mg/kg | 8 | 8 | 100 | 20.2 | 37.9 | 29.29 | 7.494 | -- | -- | 34.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 14 | 43 | 0.14 | 8800 | 2050 | 3591 | 0.09 | 0.11 | 3908 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 14 | 86 | 0.0055 | 23 | 4.306 | 8.405 | 0.0011 | 0.021 | 12.94 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 14 | 100 | 0.0006 | 35 | 5.611 | 12.32 | -- | -- | 35 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte05ft | arsenic | mg/kg | 14 | 14 | 100 | 1.48 | 3.72 | 2.322 | 0.778 | -- | -- | 2.691 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte05ft | bap teq | mg/kg | 12 | 14 | 86 | 0.000538 | 0.849 | 0.143 | 0.293 | 0.00053 | 0.00103 | 0.445 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24803 panama ave | lte05ft | benzene | µg/kg | 8 | 14 | 57 | 0.12 | 1100 | 191.6 | 396.6 | 0.1 | 0.12 | 478.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 8 | 14 | 57 | 0.0011 | 0.75 | 0.138 | 0.266 | 0.0007 | 0.52 | 0.179 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 5 | 14 | 36 | 0.0026 | 0.57 | 0.21 | 0.277 | 0.0005 | 0.099 | 0.171 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte05ft | chrysene | mg/kg | 12 | 14 | 86 | 0.0014 | 1.9 | 0.339 | 0.612 | 0.0012 | 0.0024 | 0.967 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte05ft | cobalt | mg/kg | 14 | 14 | 100 | 4.79 | 6.82 | 5.669 | 0.7 | -- | -- | 6.001 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte05ft | copper | mg/kg | 14 | 14 | 100 | 5.58 | 10.1 | 7.388 | 1.168 | -- | -- | 7.941 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte05ft | lead | mg/kg | 14 | 14 | 100 | 2.87 | 7.65 | 4.423 | 1.551 | -- | -- | 5.224 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte05ft | naphthalene | mg/kg | 11 | 14 | 79 | 0.004 | 12 | 2.559 | 4.808 | 0.00027 | 0.00028 | 7.139 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte05ft | pyrene | mg/kg | 13 | 14 | 93 | 0.001 | 2.4 | 0.43 | 0.831 | 0.016 | 0.016 | 1.342 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte05ft | toluene | µg/kg | 8 | 14 | 57 | 0.13 | 33 | 5.803 | 11.74 | 0.12 | 0.13 | 14.28 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte05ft | tph as diesel | mg/kg | 8 | 14 | 57 | 48 | 7700 | 2916 | 3157 | 4.8 | 4.8 | 3071 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte05ft | tph as gasoline | mg/kg | 5 | 14 | 36 | 0.052 | 900 | 332 | 457.3 | 0.046 | 0.054 | 272.9 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 panama ave | lte05ft | tph as motor oil | mg/kg | 8 | 14 | 57 | 130 | 7800 | 3630 | 3209 | 7 | 7 | 3700 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte05ft | vanadium | mg/kg | 14 | 14 | 100 | 15.9 | 25.5 | 19.63 | 3.546 | -- | -- | 21.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte05ft | xylenes, total | µg/kg | 7 | 14 | 50 | 0.19 | 3200 | 714.5 | 1285 | 0.16 | 0.19 | 1507 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte05ft | zinc | mg/kg | 14 | 14 | 100 | 19.9 | 37.9 | 27.35 | 6.929 | -- | -- | 30.93 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 18 | 39 | 0.14 | 8800 | 2743 | 3756 | 0.09 | 0.11 | 3894 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 14 | 18 | 78 | 0.0055 | 23 | 4.17 | 7.849 | 0.0011 | 0.021 | 10.59 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 16 | 18 | 89 | 0.0006 | 35 | 5.599 | 11.64 | 0.0006 | 0.0006 | 16.41 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte10ft | arsenic | mg/kg | 18 | 18 | 100 | 1.48 | 5.03 | 2.726 | 1.071 | -- | -- | 3.165 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte10ft | bap teq | mg/kg | 14 | 18 | 78 | 0.000538 | 0.849 | 0.139 | 0.273 | 0.00053 | 0.00103 | 0.363 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24803 panama ave | lte10ft | benzene | µg/kg | 9 | 18 | 50 | 0.12 | 1100 | 244.7 | 403.8 | 0.1 | 0.12 | 444.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 9 | 18 | 50 | 0.0011 | 0.75 | 0.145 | 0.25 | 0.0007 | 0.52 | 0.154 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 7 | 18 | 39 | 0.0006 | 0.57 | 0.172 | 0.24 | 0.0005 | 0.099 | 0.139 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte10ft | chrysene | mg/kg | 13 | 18 | 72 | 0.0014 | 1.9 | 0.353 | 0.588 | 0.0012 | 0.0024 | 0.795 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte10ft | cobalt | mg/kg | 18 | 18 | 100 | 4.79 | 10.1 | 6.121 | 1.31 | -- | -- | 6.655 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte10ft | copper | mg/kg | 18 | 18 | 100 | 5.58 | 10.1 | 7.564 | 1.105 | -- | -- | 8.017 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte10ft | ethylbenzene | µg/kg | 5 | 18 | 28 | 0.15 | 3300 | 1680 | 1567 | 0.12 | 0.17 | 2550 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte10ft | lead | mg/kg | 18 | 18 | 100 | 2.87 | 7.65 | 4.587 | 1.398 | -- | -- | 5.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte10ft | naphthalene | mg/kg | 13 | 18 | 72 | 0.004 | 12 | 2.69 | 4.614 | 0.00026 | 0.00028 | 6.172 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte10ft | pyrene | mg/kg | 16 | 18 | 89 | 0.001 | 2.4 | 0.389 | 0.76 | 0.0008 | 0.016 | 1.093 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte10ft | toluene | µg/kg | 8 | 18 | 44 | 0.13 | 33 | 5.803 | 11.74 | 0.12 | 12 | 11.27 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte10ft | tph as diesel | mg/kg | 10 | 18 | 56 | 48 | 7700 | 2672 | 2931 | 4.8 | 4.8 | 2568 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte10ft | tph as gasoline | mg/kg | 6 | 18 | 33 | 0.052 | 900 | 405 | 446.4 | 0.046 | 0.059 | 271.1 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24803 panama ave | lte10ft | tph as motor oil | mg/kg | 10 | 18 | 56 | 130 | 7800 | 3251 | 3032 | 7 | 7 | 3011 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24803 panama ave | lte10ft | vanadium | mg/kg | 18 | 18 | 100 | 15.9 | 35.4 | 22.38 | 6.301 | -- | -- | 25.11 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24803 panama ave | lte10ft | xylenes, total | µg/kg | 8 | 18 | 44 | 0.19 | 3200 | 875.2 | 1273 | 0.16 | 0.19 | 1384 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24803 panama ave | lte10ft | zinc | mg/kg | 18 | 18 | 100 | 19.9 | 37.9 | 27.51 | 6.067 | -- | -- | 30.17 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.0011 | 0.073 | 0.0319 | 0.0279 | 0.009 | 0.036 | 0.0392 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte02ft | arsenic | mg/kg | 10 | 10 | 100 | 1.16 | 3.48 | 2.301 | 0.699 | -- | -- | 2.706 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte02ft | bap teq | mg/kg | 10 | 10 | 100 | 0.00595 | 0.224 | 0.0655 | 0.0768 | -- | -- | 0.133 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte02ft | benzene | µg/kg | 5 | 10 | 50 | 0.13 | 1.2 | 0.538 | 0.514 | 0.11 | 0.13 | 0.602 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24808 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 9 | 10 | 90 | 0.0083 | 0.3 | 0.0794 | 0.103 | 0.031 | 0.031 | 0.211 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 9 | 10 | 90 | 0.011 | 0.15 | 0.0504 | 0.055 | 0.0051 | 0.0051 | 0.121 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24808 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 10 | 80 | 0.008 | 0.085 | 0.0313 | 0.0275 | 0.0051 | 0.02 | 0.0422 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 10 | 50 | 0.0062 | 0.048 | 0.0238 | 0.0164 | 0.0069 | 0.028 | 0.03 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte02ft | chrysene | mg/kg | 10 | 10 | 100 | 0.016 | 0.68 | 0.192 | 0.243 | -- | -- | 0.419 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte02ft | cobalt | mg/kg | 10 | 10 | 100 | 5.34 | 7.57 | 6.582 | 0.627 | -- | -- | 6.946 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte02ft | copper | mg/kg | 10 | 10 | 100 | 6.76 | 17.5 | 10.73 | 3.321 | -- | -- | 12.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 10 | 60 | 0.002 | 0.056 | 0.0206 | 0.0197 | 0.0052 | 0.021 | 0.0254 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 10 | 80 | 0.0056 | 0.05 | 0.0203 | 0.0152 | 0.0053 | 0.021 | 0.0263 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte02ft | lead | mg/kg | 10 | 10 | 100 | 4.78 | 39.5 | 13.16 | 10.46 | -- | -- | 20.47 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte02ft | pyrene | mg/kg | 10 | 10 | 100 | 0.013 | 0.33 | 0.0903 | 0.117 | -- | -- | 0.252 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24808 panama ave | lte02ft | tph as diesel | mg/kg | 10 | 10 | 100 | 19 | 1300 | 331.7 | 464.6 | -- | -- | 769.3 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24808 panama ave | lte02ft | tph as gasoline | mg/kg | 6 | 10 | 60 | 0.047 | 0.28 | 0.105 | 0.0868 | 0.042 | 0.046 | 0.126 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24808 panama ave | lte02ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 65 | 3100 | 903.6 | 1099 | -- | -- | 1915 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte02ft | vanadium | mg/kg | 10 | 10 | 100 | 15.9 | 27.6 | 23.34 | 3.226 | -- | -- | 25.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte02ft | zinc | mg/kg | 10 | 10 | 100 | 27.7 | 65.5 | 43.17 | 12.58 | -- | -- | 50.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 9 | 15 | 60 | 0.0011 | 0.073 | 0.0255 | 0.0273 | 0.0009 | 0.036 | 0.0278 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | arsenic | mg/kg | 15 | 15 | 100 | 0.82 | 3.48 | 1.889 | 0.833 | -- | -- | 2.268 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte05ft | bap teq | mg/kg | 15 | 15 | 100 | 0.0005519 | 0.224 | 0.0449 | 0.0686 | -- | -- | 0.0957 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | benzene | µg/kg | 5 | 15 | 33 | 0.13 | 1.2 | 0.538 | 0.514 | 0.11 | 0.13 | 0.479 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 12 | 15 | 80 | 0.0011 | 0.3 | 0.061 | 0.0941 | 0.00078 | 0.031 | 0.148 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 13 | 15 | 87 | 0.00054 | 0.15 | 0.0359 | 0.0504 | 0.00051 | 0.0051 | 0.0858 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 10 | 15 | 67 | 0.0036 | 0.085 | 0.0259 | 0.0268 | 0.00051 | 0.02 | 0.0307 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 15 | 47 | 0.0016 | 0.048 | 0.0176 | 0.0172 | 0.00069 | 0.028 | 0.0168 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte05ft | chrysene | mg/kg | 15 | 15 | 100 | 0.00095 | 0.68 | 0.131 | 0.215 | -- | -- | 0.334 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | cobalt | mg/kg | 15 | 15 | 100 | 4.59 | 7.57 | 6.092 | 0.924 | -- | -- | 6.512 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte05ft | copper | mg/kg | 15 | 15 | 100 | 4.48 | 17.5 | 8.937 | 3.778 | -- | -- | 10.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 15 | 53 | 0.0014 | 0.056 | 0.0159 | 0.0188 | 0.00052 | 0.021 | 0.0182 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 15 | 67 | 0.0028 | 0.05 | 0.0169 | 0.0152 | 0.00053 | 0.021 | 0.0189 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte05ft | lead | mg/kg | 15 | 15 | 100 | 1.37 | 39.5 | 9.734 | 9.808 | -- | -- | 15.15 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | pyrene | mg/kg | 15 | 15 | 100 | 0.00078 | 0.33 | 0.0618 | 0.103 | -- | -- | 0.133 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | tph as diesel | mg/kg | 12 | 15 | 80 | 12 | 1300 | 278.8 | 438 | 4.8 | 4.8 | 683.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | tph as gasoline | mg/kg | 7 | 15 | 47 | 0.047 | 0.28 | 0.0974 | 0.0814 | 0.042 | 0.047 | 0.102 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24808 panama ave | lte05ft | tph as motor oil | mg/kg | 12 | 15 | 80 | 27 | 3100 | 759.5 | 1050 | 6.9 | 6.9 | 1725 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte05ft | vanadium | mg/kg | 15 | 15 | 100 | 14.2 | 27.6 | 20.93 | 4.518 | -- | -- | 22.99 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte05ft | zinc | mg/kg | 15 | 15 | 100 | 17.1 | 65.5 | 35.83 | 14.9 | -- | -- | 42.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 11 | 20 | 55 | 0.00095 | 0.073 | 0.0211 | 0.0263 | 0.0009 | 0.036 | 0.0206 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | arsenic | mg/kg | 20 | 20 | 100 | 0.82 | 3.48 | 2.206 | 0.918 | -- | -- | 2.561 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte10ft | bap teq | mg/kg | 19 | 20 | 95 | 0.0005519 | 0.224 | 0.036 | 0.0631 | 0.0004713 | 0.0004713 | 0.0946 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | benzene | µg/kg | 6 | 20 | 30 | 0.13 | 1.2 | 0.595 | 0.481 | 0.1 | 0.13 | 0.453 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 16 | 20 | 80 | 0.0011 | 0.3 | 0.0464 | 0.0847 | 0.00077 | 0.031 | 0.114 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 17 | 20 | 85 | 0.00054 | 0.15 | 0.0278 | 0.0461 | 0.00051 | 0.0051 | 0.0663 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 20 | 65 | 0.0012 | 0.085 | 0.0202 | 0.0256 | 0.00051 | 0.02 | 0.023 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 20 | 50 | 0.00076 | 0.048 | 0.0125 | 0.0162 | 0.00069 | 0.028 | 0.012 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | chromium, hexavalent | mg/kg | 5 | 20 | 25 | 0.33 | 0.84 | 0.546 | 0.192 | 0.22 | 0.22 | 0.556 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte10ft | chrysene | mg/kg | 19 | 20 | 95 | 0.00095 | 0.68 | 0.105 | 0.197 | 0.00058 | 0.00058 | 0.287 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | cobalt | mg/kg | 20 | 20 | 100 | 4.59 | 10.9 | 6.908 | 1.783 | -- | -- | 7.597 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte10ft | copper | mg/kg | 20 | 20 | 100 | 4.48 | 17.5 | 8.871 | 3.286 | -- | -- | 10.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 20 | 45 | 0.00081 | 0.056 | 0.0142 | 0.0183 | 0.00052 | 0.021 | 0.0124 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 20 | 70 | 0.00058 | 0.05 | 0.0123 | 0.0147 | 0.00053 | 0.021 | 0.0143 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | lead | mg/kg | 20 | 20 | 100 | 1.37 | 39.5 | 8.503 | 8.701 | -- | -- | 13.12 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24808 panama ave | lte10ft | naphthalene | mg/kg | 6 | 20 | 30 | 0.0016 | 0.044 | 0.0132 | 0.0174 | 0.00067 | 0.00087 | 0.00937 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24808 panama ave | lte10ft | pyrene | mg/kg | 20 | 20 | 100 | 0.00059 | 0.33 | 0.0471 | 0.0921 | -- | -- | 0.0997 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | tph as diesel | mg/kg | 12 | 20 | 60 | 12 | 1300 | 278.8 | 438 | 4.8 | 4.8 | 326.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | tph as gasoline | mg/kg | 9 | 20 | 45 | 0.047 | 0.28 | 0.0872 | 0.0733 | 0.039 | 0.047 | 0.0887 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24808 panama ave | lte10ft | tph as motor oil | mg/kg | 14 | 20 | 70 | 12 | 3100 | 652.8 | 1003 | 6.9 | 6.9 | 806.5 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24808 panama ave | lte10ft | vanadium | mg/kg | 20 | 20 | 100 | 14.2 | 36.2 | 23.58 | 6.363 | -- | -- | 26.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24808 panama ave | lte10ft | zinc | mg/kg | 20 | 20 | 100 | 17.1 | 65.5 | 35.26 | 12.89 | -- | -- | 40.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.0011 | 0.072 | 0.0159 | 0.0278 | 0.0006 | 0.0006 | 0.0508 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24809 neptune ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 0.707 | 3.01 | 1.779 | 1.061 | -- | -- | 3.01 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.000536 | 0.264 | 0.0515 | 0.0922 | -- | -- | 0.264 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 5 | 8 | 63 | 0.0018 | 0.38 | 0.108 | 0.158 | 0.0007 | 0.0007 | 0.161 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 8 | 75 | 0.0021 | 0.19 | 0.0508 | 0.0741 | 0.0005 | 0.0005 | 0.144 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 8 | 63 | 0.0006 | 0.1 | 0.029 | 0.041 | 0.0004 | 0.0004 | 0.046 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.0012 | 1.1 | 0.192 | 0.381 | -- | -- | 1.1 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.75 | 8.33 | 6.935 | 0.965 | -- | -- | 7.581 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 7.31 | 10.1 | 8.699 | 0.992 | -- | -- | 9.364 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.63 | 11.2 | 6.768 | 1.993 | -- | -- | 8.223 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | naphthalene | mg/kg | 7 | 8 | 88 | 0.0011 | 0.11 | 0.0182 | 0.0405 | 0.00028 | 0.00028 | 0.0753 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.0031 | 2 | 0.325 | 0.691 | -- | -- | 2 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 6 | 8 | 75 | 0.073 | 0.22 | 0.131 | 0.0507 | 0.047 | 0.053 | 0.151 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 5 | 8 | 63 | 7.5 | 10000 | 2172 | 4379 | 7 | 7 | 3963 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 19.1 | 32.1 | 25.94 | 4.894 | -- | -- | 29.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 22.2 | 162 | 44.54 | 47.63 | -- | -- | 117.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.0046 | 0.065 | 0.0206 | 0.0177 | 0.024 | 0.048 | 0.0282 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 0.758 | 2.11 | 1.406 | 0.415 | -- | -- | 1.621 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.0142 | 1.659 | 0.201 | 0.461 | -- | -- | 0.781 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 neptune ave | lte02ft | benzene | µg/kg | 7 | 12 | 58 | 0.12 | 0.15 | 0.129 | 0.0146 | 0.11 | 0.12 | 0.131 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0062 | 0.41 | 0.0777 | 0.111 | -- | -- | 0.149 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.011 | 1.3 | 0.158 | 0.361 | -- | -- | 0.613 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 12 | 100 | 0.0054 | 0.59 | 0.0761 | 0.163 | -- | -- | 0.281 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 12 | 42 | 0.015 | 0.58 | 0.132 | 0.25 | 0.009 | 0.045 | 0.283 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte02ft | bis(2-ethylhexyl) phthalate | mg/kg | 6 | 12 | 50 | 0.98 | 2.7 | 2.013 | 0.595 | 0.16 | 0.33 | 2.183 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte02ft | cadmium | mg/kg | 6 | 12 | 50 | 0.0894 | 9.02 | 1.586 | 3.642 | 0.0883 | 0.0883 | 4.238 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.03 | 0.71 | 0.194 | 0.2 | -- | -- | 0.334 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.83 | 7.22 | 6.336 | 0.464 | -- | -- | 6.576 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte02ft | copper | mg/kg | 12 | 12 | 100 | 7.72 | 10.4 | 8.958 | 0.92 | -- | -- | 9.434 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 12 | 58 | 0.016 | 0.82 | 0.136 | 0.302 | 0.0069 | 0.035 | 0.387 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte02ft | lead | mg/kg | 12 | 12 | 100 | 9.08 | 31 | 17 | 7.514 | -- | -- | 20.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte02ft | naphthalene | mg/kg | 6 | 12 | 50 | 0.0009 | 0.03 | 0.014 | 0.0122 | 0.00025 | 0.00028 | 0.0157 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.014 | 0.93 | 0.22 | 0.297 | -- | -- | 0.467 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 neptune ave | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 16 | 2800 | 593.8 | 780.2 | -- | -- | 1252 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte02ft | tph as gasoline | mg/kg | 8 | 12 | 67 | 0.053 | 0.5 | 0.131 | 0.15 | 0.047 | 0.05 | 0.189 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 70 | 7200 | 1624 | 1944 | -- | -- | 3173 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 17.9 | 27.5 | 22.51 | 2.398 | -- | -- | 23.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 26.2 | 5770 | 515.5 | 1655 | -- | -- | 2598 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 19 | 37 | 0.12 | 0.82 | 0.286 | 0.243 | 0.088 | 0.11 | 0.249 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 19 | 74 | 0.0046 | 0.26 | 0.0345 | 0.0668 | 0.0006 | 0.048 | 0.0861 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 neptune ave | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 0.618 | 2.11 | 1.245 | 0.409 | -- | -- | 1.407 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte05ft | bap teq | mg/kg | 19 | 19 | 100 | 0.000626 | 1.659 | 0.139 | 0.371 | -- | -- | 0.509 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte05ft | benzene | µg/kg | 10 | 19 | 53 | 0.12 | 0.16 | 0.133 | 0.017 | 0.1 | 0.12 | 0.132 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 19 | 19 | 100 | 0.0012 | 0.41 | 0.0616 | 0.0933 | -- | -- | 0.107 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 19 | 89 | 0.011 | 1.3 | 0.122 | 0.305 | 0.0005 | 0.0005 | 0.401 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 19 | 89 | 0.0054 | 0.59 | 0.0581 | 0.138 | 0.0004 | 0.0004 | 0.184 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 19 | 26 | 0.015 | 0.58 | 0.132 | 0.25 | 0.0011 | 0.045 | 0.187 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 9 | 19 | 47 | 0.98 | 2.7 | 1.809 | 0.561 | 0.16 | 0.33 | 1.747 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte05ft | cadmium | mg/kg | 6 | 19 | 32 | 0.0894 | 9.02 | 1.586 | 3.642 | 0.0883 | 0.0883 | 2.746 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte05ft | chrysene | mg/kg | 19 | 19 | 100 | 0.0017 | 0.71 | 0.161 | 0.18 | -- | -- | 0.27 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 5.52 | 7.37 | 6.244 | 0.531 | -- | -- | 6.455 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte05ft | copper | mg/kg | 19 | 19 | 100 | 5.48 | 10.4 | 8.295 | 1.419 | -- | -- | 8.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 19 | 42 | 0.0076 | 0.82 | 0.12 | 0.283 | 0.0009 | 0.035 | 0.147 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte05ft | lead | mg/kg | 19 | 19 | 100 | 3.89 | 31 | 13.09 | 7.979 | -- | -- | 16.81 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte05ft | naphthalene | mg/kg | 10 | 19 | 53 | 0.00065 | 0.03 | 0.0105 | 0.0104 | 0.00025 | 0.00028 | 0.00984 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte05ft | pyrene | mg/kg | 19 | 19 | 100 | 0.0037 | 0.93 | 0.188 | 0.262 | -- | -- | 0.45 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 neptune ave | lte05ft | toluene | µg/kg | 6 | 19 | 32 | 0.2 | 0.42 | 0.302 | 0.0783 | 0.11 | 0.14 | 0.301 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte05ft | tph as diesel | mg/kg | 17 | 19 | 89 | 8.7 | 2800 | 500.2 | 673.9 | 4.8 | 4.8 | 1105 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte05ft | tph as gasoline | mg/kg | 14 | 19 | 74 | 0.053 | 0.5 | 0.108 | 0.115 | 0.047 | 0.05 | 0.145 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte05ft | tph as motor oil | mg/kg | 17 | 19 | 89 | 18 | 7200 | 1273 | 1713 | 7 | 7 | 2809 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24809 neptune ave | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 17.3 | 27.5 | 21.54 | 2.747 | -- | -- | 22.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 19.6 | 5770 | 335.2 | 1316 | -- | -- | 1651 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 27 | 33 | 0.11 | 0.82 | 0.307 | 0.253 | 0.088 | 0.11 | 0.233 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 27 | 26 | 0.0014 | 1.8 | 0.288 | 0.668 | 0.0011 | 0.086 | 0.196 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 20 | 27 | 74 | 0.0011 | 0.26 | 0.0289 | 0.0577 | 0.0006 | 0.048 | 0.0652 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 neptune ave | lte10ft | arsenic | mg/kg | 27 | 27 | 100 | 0.618 | 3.01 | 1.403 | 0.693 | -- | -- | 1.642 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 neptune ave | lte10ft | bap teq | mg/kg | 27 | 27 | 100 | 0.000536 | 1.659 | 0.113 | 0.315 | -- | -- | 0.212 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 neptune ave | lte10ft | benzene | µg/kg | 11 | 27 | 41 | 0.11 | 0.16 | 0.131 | 0.0176 | 0.1 | 0.12 | 0.128 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 24 | 27 | 89 | 0.0012 | 0.41 | 0.0712 | 0.107 | 0.0007 | 0.0007 | 0.15 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 23 | 27 | 85 | 0.0021 | 1.3 | 0.103 | 0.265 | 0.0005 | 0.0005 | 0.295 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 22 | 27 | 81 | 0.0006 | 0.59 | 0.0515 | 0.122 | 0.0004 | 0.0004 | 0.136 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 27 | 26 | 0.015 | 0.58 | 0.107 | 0.209 | 0.0011 | 0.045 | 0.1 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 12 | 27 | 44 | 0.98 | 2.7 | 1.698 | 0.519 | 0.16 | 1.6 | 1.596 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte10ft | cadmium | mg/kg | 7 | 27 | 26 | 0.0894 | 9.02 | 1.402 | 3.36 | 0.0883 | 0.0883 | 1.957 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte10ft | chrysene | mg/kg | 27 | 27 | 100 | 0.0012 | 1.1 | 0.17 | 0.248 | -- | -- | 0.286 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte10ft | cobalt | mg/kg | 27 | 27 | 100 | 5.52 | 8.33 | 6.449 | 0.741 | -- | -- | 6.692 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 neptune ave | lte10ft | copper | mg/kg | 27 | 27 | 100 | 5.48 | 10.4 | 8.415 | 1.302 | -- | -- | 8.842 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 27 | 44 | 0.0019 | 0.82 | 0.0844 | 0.232 | 0.0009 | 0.035 | 0.174 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 neptune ave | lte10ft | lead | mg/kg | 27 | 27 | 100 | 3.89 | 31 | 11.21 | 7.335 | -- | -- | 13.72 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 neptune ave | lte10ft | naphthalene | mg/kg | 17 | 27 | 63 | 0.00065 | 0.11 | 0.0137 | 0.0263 | 0.00025 | 0.00028 | 0.0181 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 neptune ave | lte10ft | pyrene | mg/kg | 27 | 27 | 100 | 0.0031 | 2 | 0.229 | 0.424 | -- | -- | 0.585 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 neptune ave | lte10ft | toluene | µg/kg | 8 | 27 | 30 | 0.2 | 6 | 1.026 | 2.011 | 0.11 | 0.14 | 1.081 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte10ft | tph as diesel | mg/kg | 21 | 27 | 78 | 8.7 | 8100 | 817.6 | 1778 | 4.8 | 4.8 | 1985 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 neptune ave | lte10ft | tph as gasoline | mg/kg | 20 | 27 | 74 | 0.053 | 0.5 | 0.115 | 0.099 | 0.047 | 0.053 | 0.132 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 neptune ave | lte10ft | tph as motor oil | mg/kg | 22 | 27 | 81 | 7.5 | 10000 | 1478 | 2457 | 7 | 7 | 3129 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte10ft | vanadium | mg/kg | 27 | 27 | 100 | 17.3 | 32.1 | 22.84 | 3.982 | -- | -- | 24.18 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 neptune ave | lte10ft | zinc | mg/kg | 27 | 27 | 100 | 19.6 | 5770 | 249.1 | 1104 | -- | -- | 1175 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 8 | 100 | 1100 | 32000 | 8738 | 10276 | -- | -- | 20290 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 8 | 100 | 120 | 3200 | 938.8 | 1127 | -- | -- | 2676 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.97 | 35 | 8.259 | 11.58 | -- | -- | 20.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 1.7 | 57 | 12.8 | 19.14 | -- | -- | 42.29 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 1.86 | 3.86 | 2.478 | 0.694 | -- | -- | 2.99 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00801 | 0.447 | 0.148 | 0.156 | -- | -- | 0.252 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | benzene | µg/kg | 8 | 8 | 100 | 91 | 5000 | 1157 | 1740 | -- | -- | 3356 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 8 | 88 | 0.03 | 0.78 | 0.251 | 0.259 | 0.065 | 0.065 | 0.394 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.026 | 1.4 | 0.475 | 0.454 | -- | -- | 0.779 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 6.29 | 9.06 | 7.688 | 0.914 | -- | -- | 8.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 7.9 | 18 | 10.45 | 3.649 | -- | -- | 13.02 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 8 | 100 | 510 | 10000 | 3068 | 3184 | -- | -- | 6557 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 3.53 | 13.3 | 5.8 | 3.144 | -- | -- | 8.073 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | naphthalene | mg/kg | 8 | 8 | 100 | 1.5 | 24 | 6.825 | 7.338 | -- | -- | 13.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.14 | 2.9 | 0.78 | 0.91 | -- | -- | 1.71 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 100 | 6800 | 2054 | 2115 | -- | -- | 4701 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 8 | 100 | 230 | 2100 | 878.8 | 729.1 | -- | -- | 1643 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 340 | 6700 | 2235 | 2057 | -- | -- | 3613 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 21.2 | 32.5 | 28.2 | 4.383 | -- | -- | 31.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | xylenes, total | µg/kg | 8 | 8 | 100 | 420 | 12000 | 3703 | 4511 | -- | -- | 9152 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 23.6 | 47.1 | 30.98 | 8.105 | -- | -- | 36.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 16 | 38 | 0.0066 | 0.32 | 0.111 | 0.12 | 0.0011 | 0.021 | 0.101 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 16 | 81 | 0.0054 | 0.27 | 0.0619 | 0.0871 | 0.0006 | 0.012 | 0.141 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.57 | 6.92 | 3.099 | 1.446 | -- | -- | 3.789 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte02ft | bap teq | mg/kg | 15 | 16 | 94 | 0.000552 | 0.481 | 0.07 | 0.122 | 0.00208 | 0.00208 | 0.196 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte02ft | benzene | µg/kg | 5 | 16 | 31 | 0.12 | 0.16 | 0.14 | 0.0158 | 0.11 | 0.3 | 0.143 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 16 | 75 | 0.0033 | 0.57 | 0.0801 | 0.156 | 0.0007 | 0.013 | 0.213 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 16 | 75 | 0.004 | 0.33 | 0.063 | 0.0903 | 0.0005 | 0.0039 | 0.138 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 16 | 75 | 0.003 | 0.22 | 0.0425 | 0.0607 | 0.0004 | 0.0028 | 0.0931 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 16 | 38 | 0.0075 | 0.094 | 0.0363 | 0.0377 | 0.0011 | 0.023 | 0.0321 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte02ft | chromium, hexavalent | mg/kg | 5 | 16 | 31 | 0.11 | 0.24 | 0.156 | 0.0541 | 0.22 | 0.22 | 0.17 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte02ft | chrysene | mg/kg | 15 | 16 | 94 | 0.0028 | 1.5 | 0.193 | 0.378 | 0.0047 | 0.0047 | 0.584 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24809 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 6.35 | 8.95 | 7.444 | 0.664 | -- | -- | 7.735 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.87 | 14.3 | 9.993 | 1.808 | -- | -- | 10.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 16 | 44 | 0.0076 | 0.099 | 0.0371 | 0.0396 | 0.0009 | 0.017 | 0.0339 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.32 | 18 | 8.161 | 3.925 | -- | -- | 10 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte02ft | naphthalene | mg/kg | 7 | 16 | 44 | 0.00041 | 1.2 | 0.197 | 0.444 | 0.00026 | 0.00033 | 0.223 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte02ft | pyrene | mg/kg | 15 | 16 | 94 | 0.0048 | 1.4 | 0.182 | 0.368 | 0.0008 | 0.0008 | 0.562 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 panama ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 10 | 2800 | 526 | 731.6 | -- | -- | 997.2 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 8.1 | 7600 | 1351 | 1873 | -- | -- | 2514 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 24.4 | 31.5 | 27.7 | 2.239 | -- | -- | 28.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 25.8 | 48.2 | 32.48 | 5.802 | -- | -- | 35.02 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 28 | 46 | 0.29 | 10000 | 3471 | 3543 | 0.092 | 0.12 | 2619 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 28 | 39 | 0.1 | 2000 | 577.2 | 601.8 | 0.078 | 0.1 | 417.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 18 | 28 | 64 | 0.0066 | 26 | 6.429 | 8.693 | 0.0011 | 0.021 | 6.439 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 28 | 89 | 0.0054 | 41 | 7.763 | 13.37 | 0.0006 | 0.012 | 17.53 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 panama ave | lte05ft | arsenic | mg/kg | 28 | 28 | 100 | 1.47 | 6.92 | 2.839 | 1.284 | -- | -- | 3.263 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte05ft | bap teq | mg/kg | 26 | 28 | 93 | 0.000552 | 0.55 | 0.11 | 0.158 | 0.00208 | 0.208 | 0.231 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte05ft | benzene | µg/kg | 14 | 28 | 50 | 0.12 | 750 | 172.7 | 257.7 | 0.11 | 55 | 253.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 28 | 75 | 0.0033 | 0.58 | 0.143 | 0.201 | 0.0007 | 0.26 | 0.262 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 17 | 28 | 61 | 0.004 | 0.41 | 0.116 | 0.14 | 0.0005 | 0.2 | 0.118 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 28 | 64 | 0.003 | 0.22 | 0.0443 | 0.0624 | 0.0004 | 0.14 | 0.0759 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 28 | 25 | 0.0075 | 0.094 | 0.0354 | 0.0345 | 0.0011 | 0.45 | 0.0298 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 28 | 25 | 0.079 | 0.24 | 0.146 | 0.0531 | 0.22 | 0.22 | 0.159 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte05ft | chrysene | mg/kg | 26 | 28 | 93 | 0.0028 | 2.1 | 0.358 | 0.533 | 0.0047 | 0.45 | 0.766 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 6.23 | 10.9 | 7.444 | 0.904 | -- | -- | 7.727 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte05ft | copper | mg/kg | 28 | 28 | 100 | 7.34 | 21.8 | 9.985 | 2.825 | -- | -- | 10.81 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte05ft | ethylbenzene | µg/kg | 13 | 28 | 46 | 0.31 | 2700 | 1003 | 940.4 | 0.12 | 0.16 | 738.4 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 28 | 29 | 0.0076 | 0.099 | 0.0355 | 0.0369 | 0.0009 | 0.35 | 0.0269 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte05ft | lead | mg/kg | 28 | 28 | 100 | 3.74 | 21.3 | 7.378 | 4.38 | -- | -- | 8.73 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte05ft | naphthalene | mg/kg | 19 | 28 | 68 | 0.00041 | 14 | 3.954 | 4.863 | 0.00026 | 0.00033 | 3.973 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte05ft | pyrene | mg/kg | 27 | 28 | 96 | 0.0048 | 4.4 | 0.579 | 0.983 | 0.0008 | 0.0008 | 1.359 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte05ft | tph as diesel | mg/kg | 28 | 28 | 100 | 10 | 13000 | 2567 | 3772 | -- | -- | 4543 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte05ft | tph as gasoline | mg/kg | 15 | 28 | 54 | 0.056 | 980 | 311.6 | 291.7 | 0.047 | 0.063 | 256.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte05ft | tph as motor oil | mg/kg | 28 | 28 | 100 | 8.1 | 14000 | 3147 | 3781 | -- | -- | 4941 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 22.8 | 38.3 | 27.61 | 3.395 | -- | -- | 28.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte05ft | xylenes, total | µg/kg | 12 | 28 | 43 | 0.2 | 4400 | 1353 | 1602 | 0.16 | 0.21 | 985.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 22.8 | 48.2 | 30.61 | 6.077 | -- | -- | 32.56 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 21 | 36 | 58 | 0.29 | 32000 | 5477 | 7166 | 0.092 | 0.12 | 4962 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 19 | 36 | 53 | 0.1 | 3200 | 729.4 | 853.9 | 0.078 | 0.1 | 617.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 26 | 36 | 72 | 0.0066 | 35 | 6.992 | 9.471 | 0.0011 | 0.021 | 11.34 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 33 | 36 | 92 | 0.0054 | 57 | 8.99 | 14.79 | 0.0006 | 0.012 | 18.69 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 1.47 | 6.92 | 2.772 | 1.188 | -- | -- | 3.115 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24809 panama ave | lte10ft | bap teq | mg/kg | 34 | 36 | 94 | 0.000552 | 0.55 | 0.119 | 0.156 | 0.00208 | 0.208 | 0.225 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | benzene | µg/kg | 22 | 36 | 61 | 0.12 | 5000 | 530.7 | 1134 | 0.11 | 55 | 604 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 36 | 78 | 0.0033 | 0.78 | 0.17 | 0.217 | 0.0007 | 0.26 | 0.283 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 19 | 36 | 53 | 0.004 | 0.41 | 0.132 | 0.145 | 0.0005 | 0.2 | 0.111 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 21 | 36 | 58 | 0.003 | 0.22 | 0.05 | 0.0641 | 0.0004 | 0.14 | 0.0727 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24809 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 7 | 36 | 19 | 0.0075 | 0.094 | 0.0354 | 0.0345 | 0.0011 | 0.45 | 0.0259 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte10ft | chromium, hexavalent | mg/kg | 9 | 36 | 25 | 0.043 | 0.24 | 0.128 | 0.059 | 0.22 | 0.22 | 0.144 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte10ft | chrysene | mg/kg | 34 | 36 | 94 | 0.0028 | 2.1 | 0.385 | 0.511 | 0.0047 | 0.45 | 0.733 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 6.23 | 10.9 | 7.498 | 0.899 | -- | -- | 7.747 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 7.34 | 21.8 | 10.13 | 3.026 | -- | -- | 11.02 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 panama ave | lte10ft | ethylbenzene | µg/kg | 21 | 36 | 58 | 0.31 | 10000 | 1790 | 2266 | 0.12 | 0.16 | 2463 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 36 | 22 | 0.0076 | 0.099 | 0.0355 | 0.0369 | 0.0009 | 0.35 | 0.0233 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 3.53 | 21.3 | 7.027 | 4.15 | -- | -- | 8.234 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24809 panama ave | lte10ft | naphthalene | mg/kg | 27 | 36 | 75 | 0.00041 | 24 | 4.805 | 5.714 | 0.00026 | 0.00033 | 7.515 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24809 panama ave | lte10ft | pyrene | mg/kg | 35 | 36 | 97 | 0.0048 | 4.4 | 0.625 | 0.958 | 0.0008 | 0.0008 | 1.298 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | toluene | µg/kg | 5 | 36 | 14 | 0.14 | 26 | 7.726 | 11.42 | 0.12 | 62 | 3.754 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte10ft | tph as diesel | mg/kg | 36 | 36 | 100 | 10 | 13000 | 2454 | 3451 | -- | -- | 3779 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | tph as gasoline | mg/kg | 23 | 36 | 64 | 0.056 | 2100 | 508.9 | 547.3 | 0.047 | 0.063 | 691.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24809 panama ave | lte10ft | tph as motor oil | mg/kg | 36 | 36 | 100 | 8.1 | 14000 | 2944 | 3468 | -- | -- | 4240 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 22.2 | 38.3 | 27.79 | 3.562 | -- | -- | 28.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24809 panama ave | lte10ft | xylenes, total | µg/kg | 20 | 36 | 56 | 0.2 | 12000 | 2293 | 3221 | 0.16 | 0.21 | 2057 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24809 panama ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 22.8 | 48.2 | 30.69 | 6.454 | -- | -- | 32.49 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 14 | 57 | 0.0017 | 0.06 | 0.0178 | 0.0238 | 0.0011 | 0.11 | 0.0229 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.0009 | 0.22 | 0.0365 | 0.0618 | 0.0006 | 0.0006 | 0.104 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte02ft | antimony | mg/kg | 10 | 14 | 71 | 0.272 | 1.21 | 0.714 | 0.279 | 0.306 | 0.306 | 0.754 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 1.23 | 3.54 | 2.389 | 0.738 | -- | -- | 2.738 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00109 | 0.331 | 0.0686 | 0.101 | -- | -- | 0.151 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | benzene | µg/kg | 9 | 14 | 64 | 0.12 | 0.32 | 0.174 | 0.0611 | 0.1 | 0.11 | 0.184 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 13 | 14 | 93 | 0.0018 | 0.31 | 0.0775 | 0.1 | 0.0007 | 0.0007 | 0.187 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 14 | 86 | 0.0008 | 0.25 | 0.0562 | 0.0786 | 0.0005 | 0.0099 | 0.136 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 14 | 71 | 0.0007 | 0.1 | 0.0333 | 0.0376 | 0.0004 | 0.007 | 0.0652 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 14 | 36 | 0.0023 | 0.0099 | 0.00562 | 0.00333 | 0.0011 | 0.024 | 0.00748 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.0015 | 0.8 | 0.202 | 0.27 | -- | -- | 0.454 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 5.05 | 7.1 | 6.156 | 0.641 | -- | -- | 6.459 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 7.01 | 13.8 | 9.103 | 2.136 | -- | -- | 10.17 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 14 | 36 | 0.0012 | 0.09 | 0.0316 | 0.0404 | 0.0007 | 0.024 | 0.0289 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 14 | 57 | 0.002 | 0.085 | 0.0274 | 0.0327 | 0.0009 | 0.024 | 0.0328 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 2.46 | 26.7 | 9.809 | 7.71 | -- | -- | 14.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | naphthalene | mg/kg | 10 | 14 | 71 | 0.0021 | 0.088 | 0.0202 | 0.0282 | 0.00024 | 0.00032 | 0.0446 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0013 | 0.4 | 0.104 | 0.14 | -- | -- | 0.226 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | tph as diesel | mg/kg | 11 | 14 | 79 | 5.6 | 1400 | 449.2 | 616.3 | 4.8 | 4.8 | 1028 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte02ft | tph as motor oil | mg/kg | 12 | 14 | 86 | 26 | 4700 | 1014 | 1470 | 7 | 7 | 2513 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 16.5 | 25.1 | 22.19 | 2.961 | -- | -- | 23.76 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 20.1 | 49.3 | 31.96 | 9.974 | -- | -- | 36.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 22 | 23 | 0.1 | 0.27 | 0.176 | 0.0783 | 0.087 | 0.12 | 0.161 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 13 | 22 | 59 | 0.0014 | 0.06 | 0.0116 | 0.0199 | 0.0011 | 0.11 | 0.0236 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24812 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 22 | 91 | 0.0009 | 0.22 | 0.0245 | 0.0519 | 0.0006 | 0.0006 | 0.0688 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte05ft | antimony | mg/kg | 14 | 22 | 64 | 0.272 | 1.21 | 0.656 | 0.258 | 0.219 | 0.306 | 0.649 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 0.578 | 3.54 | 1.854 | 0.934 | -- | -- | 2.197 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte05ft | bap teq | mg/kg | 17 | 22 | 77 | 0.00109 | 0.331 | 0.0571 | 0.0942 | 0.00053 | 0.00053 | 0.125 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte05ft | benzene | µg/kg | 12 | 22 | 55 | 0.12 | 0.32 | 0.163 | 0.0563 | 0.1 | 0.11 | 0.161 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 15 | 22 | 68 | 0.0018 | 0.31 | 0.0679 | 0.0961 | 0.0007 | 0.0007 | 0.0788 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 15 | 22 | 68 | 0.0008 | 0.25 | 0.0455 | 0.0732 | 0.0005 | 0.0099 | 0.0551 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 22 | 59 | 0.0007 | 0.1 | 0.026 | 0.0354 | 0.0004 | 0.007 | 0.0266 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 22 | 23 | 0.0023 | 0.0099 | 0.00562 | 0.00333 | 0.0011 | 0.024 | 0.00671 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte05ft | chrysene | mg/kg | 16 | 22 | 73 | 0.0015 | 0.8 | 0.178 | 0.26 | 0.0012 | 0.0012 | 0.349 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 4.26 | 7.1 | 5.622 | 0.903 | -- | -- | 5.953 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 5.31 | 13.8 | 7.92 | 2.331 | -- | -- | 8.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 22 | 27 | 0.0007 | 0.09 | 0.0264 | 0.0382 | 0.0007 | 0.024 | 0.0165 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 22 | 45 | 0.0011 | 0.085 | 0.0222 | 0.0308 | 0.0009 | 0.024 | 0.0196 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 1.69 | 26.7 | 7.076 | 7.111 | -- | -- | 13.68 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24812 panama ave | lte05ft | naphthalene | mg/kg | 17 | 22 | 77 | 0.0012 | 0.088 | 0.0134 | 0.0229 | 0.00024 | 0.00032 | 0.03 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24812 panama ave | lte05ft | pyrene | mg/kg | 19 | 22 | 86 | 0.0013 | 0.4 | 0.0778 | 0.127 | 0.0008 | 0.0008 | 0.18 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte05ft | toluene | µg/kg | 5 | 22 | 23 | 0.12 | 0.23 | 0.158 | 0.0432 | 0.11 | 0.14 | 0.158 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte05ft | tph as diesel | mg/kg | 12 | 22 | 55 | 5.6 | 1400 | 412.3 | 601.4 | 4.8 | 4.8 | 684.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24812 panama ave | lte05ft | tph as motor oil | mg/kg | 15 | 22 | 68 | 11 | 4700 | 814.6 | 1367 | 7 | 7 | 1002 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 13.4 | 25.1 | 19.45 | 4.424 | -- | -- | 21.22 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 15.1 | 49.3 | 26.37 | 10.92 | -- | -- | 30.64 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 29 | 17 | 0.1 | 0.27 | 0.176 | 0.0783 | 0.086 | 0.12 | 0.157 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 16 | 29 | 55 | 0.0014 | 0.06 | 0.0101 | 0.0181 | 0.0011 | 0.11 | 0.0184 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24812 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 29 | 86 | 0.0009 | 0.22 | 0.0208 | 0.0469 | 0.0006 | 0.0006 | 0.0537 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24812 panama ave | lte10ft | antimony | mg/kg | 19 | 29 | 66 | 0.272 | 1.21 | 0.633 | 0.27 | 0.219 | 0.306 | 0.612 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte10ft | arsenic | mg/kg | 29 | 29 | 100 | 0.578 | 3.54 | 2.047 | 0.926 | -- | -- | 2.796 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24812 panama ave | lte10ft | bap teq | mg/kg | 23 | 29 | 79 | 0.00109 | 0.331 | 0.0441 | 0.0836 | 0.00053 | 0.00053 | 0.0971 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24812 panama ave | lte10ft | benzene | µg/kg | 12 | 29 | 41 | 0.12 | 0.32 | 0.163 | 0.0563 | 0.099 | 0.11 | 0.151 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 20 | 29 | 69 | 0.0012 | 0.31 | 0.0535 | 0.0868 | 0.0007 | 0.0007 | 0.0628 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24812 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 21 | 29 | 72 | 0.0007 | 0.25 | 0.0338 | 0.0642 | 0.0005 | 0.0099 | 0.0706 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24812 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 18 | 29 | 62 | 0.0007 | 0.1 | 0.0198 | 0.0316 | 0.0004 | 0.007 | 0.0341 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24812 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 29 | 21 | 0.0023 | 0.0099 | 0.0057 | 0.00299 | 0.0011 | 0.024 | 0.00638 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 29 | 24 | 0.22 | 0.26 | 0.246 | 0.0151 | 0.22 | 0.22 | 0.251 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte10ft | chrysene | mg/kg | 21 | 29 | 72 | 0.0015 | 0.8 | 0.142 | 0.235 | 0.0012 | 0.0012 | 0.273 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte10ft | cobalt | mg/kg | 29 | 29 | 100 | 4.26 | 8.6 | 6.176 | 1.31 | -- | -- | 6.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte10ft | copper | mg/kg | 29 | 29 | 100 | 5.31 | 13.8 | 7.866 | 2.088 | -- | -- | 8.533 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 8 | 29 | 28 | 0.0007 | 0.09 | 0.021 | 0.0339 | 0.0007 | 0.024 | 0.0128 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 29 | 41 | 0.0011 | 0.085 | 0.0192 | 0.0287 | 0.0009 | 0.024 | 0.0153 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24812 panama ave | lte10ft | lead | mg/kg | 29 | 29 | 100 | 1.69 | 26.7 | 6.334 | 6.328 | -- | -- | 11.46 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24812 panama ave | lte10ft | naphthalene | mg/kg | 22 | 29 | 76 | 0.0011 | 0.088 | 0.0111 | 0.0205 | 0.00024 | 0.00032 | 0.0236 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24812 panama ave | lte10ft | pyrene | mg/kg | 26 | 29 | 90 | 0.0011 | 0.4 | 0.0596 | 0.112 | 0.0008 | 0.0008 | 0.141 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24812 panama ave | lte10ft | toluene | µg/kg | 5 | 29 | 17 | 0.12 | 0.23 | 0.158 | 0.0432 | 0.11 | 0.14 | 0.159 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte10ft | tph as diesel | mg/kg | 14 | 29 | 48 | 5.6 | 1400 | 356.8 | 570.9 | 4.8 | 4.8 | 528.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24812 panama ave | lte10ft | tph as motor oil | mg/kg | 20 | 29 | 69 | 11 | 4700 | 619.8 | 1223 | 7 | 7 | 1286 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24812 panama ave | lte10ft | vanadium | mg/kg | 29 | 29 | 100 | 13.4 | 31.5 | 21.42 | 5.436 | -- | -- | 23.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24812 panama ave | lte10ft | zinc | mg/kg | 29 | 29 | 100 | 15.1 | 49.3 | 26.41 | 9.558 | -- | -- | 29.55 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 12 | 50 | 0.45 | 1500 | 530.9 | 609.5 | 0.089 | 0.11 | 582.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 12 | 42 | 9.9 | 290 | 143.8 | 121.4 | 0.075 | 0.089 | 194.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 8 | 12 | 67 | 0.0043 | 30 | 6.104 | 10.91 | 0.0086 | 0.043 | 8.123 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.013 | 41 | 5.437 | 12.69 | -- | -- | 21.4 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24813 panama ave | lte05ft | arsenic | mg/kg | 12 | 12 | 100 | 1.45 | 4.47 | 3.013 | 1.065 | -- | -- | 3.565 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte05ft | bap teq | mg/kg | 12 | 12 | 100 | 0.0113 | 0.609 | 0.153 | 0.169 | -- | -- | 0.27 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | benzene | µg/kg | 8 | 12 | 67 | 0.16 | 61 | 15.56 | 22.83 | 0.12 | 12 | 20.86 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0047 | 0.52 | 0.124 | 0.151 | -- | -- | 0.233 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.0088 | 0.45 | 0.117 | 0.126 | -- | -- | 0.206 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 11 | 12 | 92 | 0.0055 | 0.1 | 0.0397 | 0.028 | 0.14 | 0.14 | 0.0548 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte05ft | chrysene | mg/kg | 12 | 12 | 100 | 0.013 | 1.4 | 0.41 | 0.461 | -- | -- | 0.781 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | cobalt | mg/kg | 12 | 12 | 100 | 6.06 | 13.1 | 8.607 | 2.434 | -- | -- | 9.869 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte05ft | copper | mg/kg | 12 | 12 | 100 | 7.47 | 30.1 | 14.37 | 8.261 | -- | -- | 24.77 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24813 panama ave | lte05ft | ethylbenzene | µg/kg | 8 | 12 | 67 | 0.22 | 1700 | 407.3 | 607.5 | 0.13 | 0.14 | 547.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 12 | 42 | 0.0062 | 0.072 | 0.029 | 0.0271 | 0.017 | 0.35 | 0.0334 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte05ft | lead | mg/kg | 12 | 12 | 100 | 4.33 | 34.7 | 13.29 | 10.31 | -- | -- | 19.47 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24813 panama ave | lte05ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.00029 | 14 | 2.306 | 4.388 | -- | -- | 11.84 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | pyrene | mg/kg | 12 | 12 | 100 | 0.008 | 3.1 | 0.633 | 0.924 | -- | -- | 1.436 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | tph as diesel | mg/kg | 12 | 12 | 100 | 51 | 9700 | 1985 | 3078 | -- | -- | 4660 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | tph as gasoline | mg/kg | 7 | 12 | 58 | 0.054 | 480 | 121.3 | 178.4 | 0.047 | 0.055 | 150.9 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 170 | 11000 | 2791 | 3442 | -- | -- | 5424 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | vanadium | mg/kg | 12 | 12 | 100 | 20.4 | 38.8 | 28.32 | 6.112 | -- | -- | 31.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte05ft | xylenes, total | µg/kg | 7 | 12 | 58 | 0.33 | 680 | 226.8 | 283.7 | 0.17 | 0.18 | 260.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte05ft | zinc | mg/kg | 12 | 12 | 100 | 22.3 | 55.8 | 35.4 | 12.16 | -- | -- | 42.88 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24813 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 15 | 60 | 0.45 | 2300 | 942.8 | 841 | 0.089 | 0.11 | 999.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 15 | 53 | 9.9 | 390 | 211.1 | 140.9 | 0.075 | 0.089 | 230 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 11 | 15 | 73 | 0.0043 | 30 | 8.585 | 11.26 | 0.0086 | 0.043 | 18.04 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 15 | 15 | 100 | 0.013 | 42 | 8.897 | 14.82 | -- | -- | 31.9 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | arsenic | mg/kg | 15 | 15 | 100 | 1.06 | 4.47 | 2.732 | 1.123 | -- | -- | 3.243 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte10ft | bap teq | mg/kg | 15 | 15 | 100 | 0.0113 | 0.609 | 0.201 | 0.198 | -- | -- | 0.33 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | benzene | µg/kg | 11 | 15 | 73 | 0.16 | 390 | 84.95 | 131.8 | 0.12 | 12 | 196.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 15 | 15 | 100 | 0.0047 | 0.52 | 0.168 | 0.178 | -- | -- | 0.29 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 15 | 15 | 100 | 0.0088 | 0.45 | 0.153 | 0.147 | -- | -- | 0.25 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 15 | 87 | 0.0055 | 0.21 | 0.0531 | 0.0536 | 0.14 | 0.14 | 0.0745 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | chrysene | mg/kg | 15 | 15 | 100 | 0.013 | 1.6 | 0.54 | 0.543 | -- | -- | 0.934 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | cobalt | mg/kg | 15 | 15 | 100 | 5.93 | 13.1 | 8.271 | 2.315 | -- | -- | 9.378 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | copper | mg/kg | 15 | 15 | 100 | 6.84 | 30.1 | 13.04 | 7.832 | -- | -- | 21.85 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24813 panama ave | lte10ft | ethylbenzene | µg/kg | 11 | 15 | 73 | 0.22 | 1700 | 468 | 528.5 | 0.13 | 0.14 | 908.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 15 | 40 | 0.0062 | 0.083 | 0.038 | 0.0327 | 0.017 | 0.35 | 0.0399 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte10ft | lead | mg/kg | 15 | 15 | 100 | 4.33 | 34.7 | 11.82 | 9.641 | -- | -- | 22.67 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24813 panama ave | lte10ft | naphthalene | mg/kg | 15 | 15 | 100 | 0.00029 | 16 | 3.625 | 5.331 | -- | -- | 13.04 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | pyrene | mg/kg | 15 | 15 | 100 | 0.008 | 3.1 | 0.872 | 1.034 | -- | -- | 1.718 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | tph as diesel | mg/kg | 15 | 15 | 100 | 51 | 12000 | 2821 | 3788 | -- | -- | 5770 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24813 panama ave | lte10ft | tph as gasoline | mg/kg | 10 | 15 | 67 | 0.054 | 480 | 129.4 | 160 | 0.047 | 0.055 | 153.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | tph as motor oil | mg/kg | 15 | 15 | 100 | 170 | 13000 | 3606 | 4074 | -- | -- | 6351 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24813 panama ave | lte10ft | vanadium | mg/kg | 15 | 15 | 100 | 20.4 | 38.8 | 27.47 | 5.951 | -- | -- | 30.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte10ft | xylenes, total | µg/kg | 10 | 15 | 67 | 0.33 | 1200 | 420.8 | 419.7 | 0.17 | 0.18 | 463.2 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24813 panama ave | lte10ft | zinc | mg/kg | 15 | 15 | 100 | 22.3 | 55.8 | 33.11 | 11.8 | -- | -- | 38.62 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.0019 | 0.4 | 0.131 | 0.156 | 0.0011 | 0.0043 | 0.198 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.0007 | 0.13 | 0.0288 | 0.0503 | 0.0012 | 0.0024 | 0.092 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | antimony | mg/kg | 5 | 8 | 63 | 0.564 | 2.49 | 1.428 | 0.81 | 0.191 | 0.306 | 1.808 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 1.58 | 5.2 | 3.254 | 1.293 | -- | -- | 4.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | bap teq | mg/kg | 7 | 8 | 88 | 0.00133 | 0.0578 | 0.0177 | 0.0208 | 0.00208 | 0.00208 | 0.0293 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 8 | 88 | 0.0011 | 0.062 | 0.0185 | 0.0214 | 0.0026 | 0.0026 | 0.0305 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.0009 | 0.044 | 0.0135 | 0.0162 | 0.002 | 0.002 | 0.0225 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 8 | 88 | 0.0007 | 0.029 | 0.00916 | 0.0102 | 0.0014 | 0.0014 | 0.0148 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | chrysene | mg/kg | 7 | 8 | 88 | 0.003 | 0.15 | 0.0417 | 0.051 | 0.0047 | 0.0047 | 0.113 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.12 | 10 | 7.053 | 1.631 | -- | -- | 8.145 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 7.16 | 10.5 | 8.945 | 1.152 | -- | -- | 9.717 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 3.5 | 8.53 | 6.37 | 1.656 | -- | -- | 7.479 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | naphthalene | mg/kg | 7 | 8 | 88 | 0.0011 | 0.24 | 0.0608 | 0.0979 | 0.00028 | 0.00028 | 0.198 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | pyrene | mg/kg | 7 | 8 | 88 | 0.0018 | 0.24 | 0.0588 | 0.0845 | 0.0033 | 0.0033 | 0.177 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 5 | 8 | 63 | 14 | 1600 | 630.8 | 666 | 4.8 | 4.8 | 855 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 6 | 8 | 75 | 0.053 | 3.7 | 1.071 | 1.587 | 0.047 | 0.058 | 3.062 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 5 | 8 | 63 | 50 | 850 | 370 | 308.5 | 7 | 7 | 470 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 22.1 | 31.9 | 27.93 | 3.647 | -- | -- | 30.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 26 | 34.8 | 31.06 | 2.729 | -- | -- | 32.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 14 | 57 | 0.0013 | 0.99 | 0.13 | 0.347 | 0.0043 | 0.021 | 0.392 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 14 | 86 | 0.003 | 0.041 | 0.0169 | 0.012 | 0.012 | 0.012 | 0.0211 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | antimony | mg/kg | 9 | 14 | 64 | 0.562 | 2.29 | 1.157 | 0.495 | 0.191 | 0.306 | 1.23 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 1.35 | 4.14 | 2.495 | 1.018 | -- | -- | 3.051 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.0144 | 0.0833 | 0.0442 | 0.0224 | -- | -- | 0.0548 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | benzene | µg/kg | 7 | 14 | 50 | 0.13 | 0.78 | 0.296 | 0.225 | 0.1 | 0.15 | 0.299 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.0094 | 0.063 | 0.0302 | 0.0161 | -- | -- | 0.0378 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.011 | 0.067 | 0.0348 | 0.0165 | 0.0099 | 0.0099 | 0.0413 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 14 | 93 | 0.01 | 0.074 | 0.033 | 0.0203 | 0.0035 | 0.0035 | 0.041 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 14 | 57 | 0.0084 | 0.038 | 0.0205 | 0.0121 | 0.0045 | 0.023 | 0.0216 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | cadmium | mg/kg | 8 | 14 | 57 | 0.0138 | 0.932 | 0.297 | 0.294 | 0.0883 | 0.0883 | 0.319 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.024 | 0.15 | 0.0783 | 0.038 | -- | -- | 0.0963 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 5.22 | 9.56 | 6.477 | 1.063 | -- | -- | 6.981 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte02ft | copper | mg/kg | 14 | 14 | 100 | 8.56 | 23.1 | 13.77 | 5.207 | -- | -- | 16.51 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24815 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 14 | 57 | 0.002 | 0.008 | 0.0054 | 0.00229 | 0.0027 | 0.013 | 0.00627 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 14 | 57 | 0.0043 | 0.022 | 0.0133 | 0.00648 | 0.0035 | 0.017 | 0.0142 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | lead | mg/kg | 14 | 14 | 100 | 9.28 | 51.2 | 22.45 | 12.64 | -- | -- | 29.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte02ft | naphthalene | mg/kg | 7 | 14 | 50 | 0.0017 | 0.026 | 0.0118 | 0.00942 | 0.00025 | 0.00037 | 0.012 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.017 | 2.1 | 0.196 | 0.548 | -- | -- | 0.835 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | lte02ft | toluene | µg/kg | 9 | 14 | 64 | 0.14 | 1.8 | 0.724 | 0.669 | 0.12 | 0.17 | 0.818 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 36 | 440 | 208.9 | 117.8 | -- | -- | 264.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | tph as gasoline | mg/kg | 8 | 14 | 57 | 0.072 | 0.55 | 0.255 | 0.168 | 0.049 | 0.06 | 0.27 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 140 | 2200 | 781.4 | 507.5 | -- | -- | 1078 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 17.5 | 30.9 | 22.56 | 3.589 | -- | -- | 24.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 30.9 | 106 | 65.25 | 29.29 | -- | -- | 82.17 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 22 | 68 | 0.0013 | 7.4 | 0.761 | 1.971 | 0.0043 | 0.021 | 2.07 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 22 | 86 | 0.0027 | 7.8 | 0.526 | 1.808 | 0.0024 | 0.012 | 2.026 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | lte05ft | antimony | mg/kg | 14 | 22 | 64 | 0.562 | 2.29 | 1.228 | 0.505 | 0.191 | 0.306 | 1.215 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte05ft | arsenic | mg/kg | 22 | 22 | 100 | 1.16 | 4.14 | 2.367 | 0.935 | -- | -- | 2.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte05ft | bap teq | mg/kg | 21 | 22 | 95 | 0.00115 | 0.628 | 0.126 | 0.178 | 0.00208 | 0.00208 | 0.284 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24815 neptune ave | lte05ft | benzene | µg/kg | 7 | 22 | 32 | 0.13 | 0.78 | 0.296 | 0.225 | 0.1 | 11 | 0.249 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 21 | 22 | 95 | 0.0015 | 0.79 | 0.0973 | 0.19 | 0.0026 | 0.0026 | 0.267 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 22 | 86 | 0.0024 | 0.48 | 0.113 | 0.151 | 0.001 | 0.0099 | 0.233 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 22 | 86 | 0.0014 | 0.21 | 0.0508 | 0.0478 | 0.0007 | 0.0035 | 0.063 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 12 | 22 | 55 | 0.0084 | 0.15 | 0.0401 | 0.0425 | 0.0023 | 0.11 | 0.0398 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24815 neptune ave | lte05ft | cadmium | mg/kg | 8 | 22 | 36 | 0.0138 | 0.932 | 0.297 | 0.294 | 0.0099 | 0.0883 | 0.247 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte05ft | chrysene | mg/kg | 21 | 22 | 95 | 0.0043 | 1.4 | 0.217 | 0.343 | 0.0047 | 0.0047 | 0.522 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 4.71 | 9.56 | 6.486 | 0.99 | -- | -- | 6.849 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte05ft | copper | mg/kg | 22 | 22 | 100 | 4.84 | 23.1 | 11.88 | 4.966 | -- | -- | 13.96 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 22 | 50 | 0.002 | 0.072 | 0.0115 | 0.0202 | 0.0013 | 0.013 | 0.0137 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 22 | 41 | 0.0043 | 0.03 | 0.0151 | 0.00824 | 0.0017 | 0.087 | 0.0141 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte05ft | lead | mg/kg | 22 | 22 | 100 | 3.82 | 51.2 | 18.14 | 11.93 | -- | -- | 23.05 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte05ft | naphthalene | mg/kg | 13 | 22 | 59 | 0.0017 | 0.53 | 0.0796 | 0.163 | 0.00025 | 0.00037 | 0.17 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte05ft | pyrene | mg/kg | 21 | 22 | 95 | 0.0025 | 4.9 | 0.564 | 1.158 | 0.0033 | 0.0033 | 1.596 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte05ft | toluene | µg/kg | 10 | 22 | 45 | 0.14 | 1.8 | 0.677 | 0.649 | 0.11 | 13 | 0.616 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte05ft | tph as diesel | mg/kg | 20 | 22 | 91 | 20 | 5500 | 912.3 | 1503 | 4.8 | 4.8 | 2185 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte05ft | tph as gasoline | mg/kg | 12 | 22 | 55 | 0.072 | 0.55 | 0.245 | 0.161 | 0.046 | 0.06 | 0.226 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte05ft | tph as motor oil | mg/kg | 20 | 22 | 91 | 87 | 8800 | 1956 | 2523 | 7 | 7 | 4080 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 14.8 | 30.9 | 22.71 | 3.747 | -- | -- | 24.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 25.4 | 106 | 53.7 | 28.12 | -- | -- | 64.22 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 30 | 17 | 0.15 | 420 | 130.1 | 190.1 | 0.085 | 9.3 | 79.12 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 21 | 30 | 70 | 0.0013 | 7.4 | 0.581 | 1.676 | 0.0011 | 0.021 | 1.544 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 30 | 83 | 0.0007 | 7.8 | 0.407 | 1.581 | 0.0012 | 0.012 | 1.494 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | lte10ft | antimony | mg/kg | 19 | 30 | 63 | 0.562 | 2.49 | 1.281 | 0.581 | 0.191 | 0.306 | 1.205 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte10ft | arsenic | mg/kg | 30 | 30 | 100 | 1.16 | 5.2 | 2.604 | 1.094 | -- | -- | 2.943 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte10ft | bap teq | mg/kg | 28 | 30 | 93 | 0.00115 | 0.628 | 0.0988 | 0.161 | 0.00208 | 0.00208 | 0.217 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte10ft | benzene | µg/kg | 7 | 30 | 23 | 0.13 | 0.78 | 0.296 | 0.225 | 0.098 | 11 | 0.222 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 28 | 30 | 93 | 0.0011 | 0.79 | 0.0776 | 0.168 | 0.0026 | 0.0026 | 0.202 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 26 | 30 | 87 | 0.0009 | 0.48 | 0.0862 | 0.136 | 0.001 | 0.0099 | 0.178 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 26 | 30 | 87 | 0.0007 | 0.21 | 0.0396 | 0.045 | 0.0007 | 0.0035 | 0.0694 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 14 | 30 | 47 | 0.007 | 0.15 | 0.0358 | 0.0406 | 0.0011 | 0.11 | 0.0309 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte10ft | cadmium | mg/kg | 8 | 30 | 27 | 0.0138 | 0.932 | 0.297 | 0.294 | 0.0099 | 0.0883 | 0.209 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte10ft | chrysene | mg/kg | 28 | 30 | 93 | 0.003 | 1.4 | 0.173 | 0.306 | 0.0047 | 0.0047 | 0.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte10ft | cobalt | mg/kg | 30 | 30 | 100 | 4.71 | 10 | 6.637 | 1.19 | -- | -- | 7.009 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte10ft | copper | mg/kg | 30 | 30 | 100 | 4.84 | 23.1 | 11.1 | 4.463 | -- | -- | 12.52 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 13 | 30 | 43 | 0.0015 | 0.072 | 0.0101 | 0.0187 | 0.0007 | 0.013 | 0.0103 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 30 | 40 | 0.0031 | 0.03 | 0.0125 | 0.00852 | 0.0009 | 0.087 | 0.0103 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte10ft | lead | mg/kg | 30 | 30 | 100 | 3.5 | 51.2 | 15 | 11.48 | -- | -- | 18.74 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24815 neptune ave | lte10ft | naphthalene | mg/kg | 20 | 30 | 67 | 0.0011 | 0.53 | 0.073 | 0.141 | 0.00025 | 0.00037 | 0.145 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte10ft | pyrene | mg/kg | 28 | 30 | 93 | 0.0018 | 4.9 | 0.438 | 1.022 | 0.0033 | 0.0033 | 1.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte10ft | toluene | µg/kg | 12 | 30 | 40 | 0.12 | 17 | 1.991 | 4.766 | 0.11 | 13 | 1.872 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24815 neptune ave | lte10ft | tph as diesel | mg/kg | 25 | 30 | 83 | 14 | 5500 | 856 | 1369 | 4.8 | 4.8 | 1742 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte10ft | tph as gasoline | mg/kg | 18 | 30 | 60 | 0.053 | 3.7 | 0.52 | 0.958 | 0.046 | 0.06 | 0.953 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24815 neptune ave | lte10ft | tph as motor oil | mg/kg | 25 | 30 | 83 | 50 | 8800 | 1639 | 2340 | 7 | 7 | 3141 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24815 neptune ave | lte10ft | vanadium | mg/kg | 30 | 30 | 100 | 14.8 | 31.9 | 24.1 | 4.344 | -- | -- | 25.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte10ft | xylenes, total | µg/kg | 5 | 30 | 17 | 0.17 | 170 | 51.97 | 76.35 | 0.15 | 16 | 29.08 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24815 neptune ave | lte10ft | zinc | mg/kg | 30 | 30 | 100 | 25.4 | 106 | 47.67 | 26.04 | -- | -- | 55.95 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 12 | 16 | 75 | 0.0019 | 3.1 | 0.27 | 0.891 | 0.0086 | 0.021 | 1.055 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 16 | 100 | 0.0044 | 2.2 | 0.159 | 0.545 | -- | -- | 0.752 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.46 | 4.33 | 3.035 | 0.813 | -- | -- | 3.391 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00186 | 1.262 | 0.118 | 0.307 | -- | -- | 0.452 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte02ft | benzene | µg/kg | 9 | 16 | 56 | 0.13 | 1.9 | 0.482 | 0.614 | 0.1 | 0.13 | 0.562 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0021 | 2.1 | 0.174 | 0.515 | -- | -- | 0.735 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.0013 | 0.84 | 0.0815 | 0.204 | -- | -- | 0.303 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 16 | 100 | 0.001 | 0.49 | 0.0461 | 0.119 | -- | -- | 0.176 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 16 | 44 | 0.0012 | 0.015 | 0.00659 | 0.00613 | 0.0011 | 0.56 | 0.00824 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24818 panama ave | lte02ft | chromium, hexavalent | mg/kg | 6 | 16 | 38 | 0.25 | 0.56 | 0.38 | 0.113 | 0.22 | 0.22 | 0.391 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0035 | 5.6 | 0.459 | 1.375 | -- | -- | 1.957 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 4.82 | 7.05 | 5.833 | 0.659 | -- | -- | 6.122 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 6.03 | 17.6 | 8.916 | 3.032 | -- | -- | 10.26 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24818 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 16 | 44 | 0.0009 | 0.02 | 0.00643 | 0.00681 | 0.0007 | 0.34 | 0.00707 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24818 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 16 | 44 | 0.0009 | 0.021 | 0.00809 | 0.00813 | 0.0009 | 0.43 | 0.00831 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.43 | 80.3 | 11.05 | 18.65 | -- | -- | 31.37 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte02ft | naphthalene | mg/kg | 11 | 16 | 69 | 0.0024 | 0.022 | 0.0103 | 0.00795 | 0.00026 | 0.00031 | 0.011 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24818 panama ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.003 | 6.6 | 0.483 | 1.633 | -- | -- | 2.263 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte02ft | toluene | µg/kg | 10 | 16 | 63 | 0.15 | 0.6 | 0.324 | 0.135 | 0.12 | 0.14 | 0.327 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte02ft | tph as diesel | mg/kg | 14 | 16 | 88 | 14 | 22000 | 1983 | 5798 | 4.8 | 4.8 | 7693 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte02ft | tph as gasoline | mg/kg | 11 | 16 | 69 | 0.054 | 0.42 | 0.133 | 0.122 | 0.046 | 0.051 | 0.155 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte02ft | tph as motor oil | mg/kg | 14 | 16 | 88 | 37 | 30000 | 2803 | 7875 | 7 | 7 | 10551 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 17.2 | 27.1 | 22.67 | 2.71 | -- | -- | 23.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte02ft | xylenes, total | µg/kg | 5 | 16 | 31 | 0.17 | 0.31 | 0.218 | 0.0545 | 0.16 | 0.19 | 0.214 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 21 | 54.4 | 29.18 | 9.188 | -- | -- | 33.27 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24818 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 27 | 19 | 0.14 | 720 | 222.2 | 325.4 | 0.089 | 0.11 | 123.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 22 | 27 | 81 | 0.0019 | 62 | 3.051 | 13.19 | 0.0011 | 0.021 | 12.52 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 27 | 27 | 100 | 0.0016 | 56 | 2.238 | 10.76 | -- | -- | 11.26 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | arsenic | mg/kg | 27 | 27 | 100 | 0.916 | 4.33 | 2.337 | 1.084 | -- | -- | 2.756 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24818 panama ave | lte05ft | bap teq | mg/kg | 25 | 27 | 93 | 0.000856 | 15.22 | 0.702 | 3.036 | 0.00053 | 0.00053 | 3.105 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte05ft | benzene | µg/kg | 14 | 27 | 52 | 0.13 | 1.9 | 0.407 | 0.515 | 0.1 | 20 | 0.425 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 24 | 27 | 89 | 0.0007 | 22 | 1.058 | 4.481 | 0.0007 | 0.0007 | 4.496 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 25 | 27 | 93 | 0.0005 | 11 | 0.504 | 2.193 | 0.0005 | 0.0005 | 2.241 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 27 | 85 | 0.0009 | 4.2 | 0.223 | 0.873 | 0.0004 | 0.0004 | 0.869 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 11 | 27 | 41 | 0.0012 | 4.6 | 0.428 | 1.384 | 0.0011 | 0.56 | 0.939 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | chromium, hexavalent | mg/kg | 8 | 27 | 30 | 0.22 | 0.56 | 0.359 | 0.111 | 0.22 | 0.22 | 0.323 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte05ft | chrysene | mg/kg | 24 | 27 | 89 | 0.0012 | 51 | 2.498 | 10.39 | 0.0012 | 0.0012 | 10.47 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte05ft | cobalt | mg/kg | 27 | 27 | 100 | 4.23 | 7.05 | 5.47 | 0.769 | -- | -- | 5.722 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte05ft | copper | mg/kg | 27 | 27 | 100 | 4.94 | 17.6 | 7.863 | 2.713 | -- | -- | 8.789 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 27 | 37 | 0.0009 | 0.035 | 0.0107 | 0.0121 | 0.0007 | 2.7 | 0.00826 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24818 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 27 | 37 | 0.0009 | 0.029 | 0.0117 | 0.0115 | 0.0009 | 3.5 | 0.00858 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24818 panama ave | lte05ft | lead | mg/kg | 27 | 27 | 100 | 2.21 | 88.1 | 11.45 | 21.16 | -- | -- | 29.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | naphthalene | mg/kg | 20 | 27 | 74 | 0.0022 | 6 | 0.544 | 1.657 | 0.00025 | 0.00031 | 1.617 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | pyrene | mg/kg | 26 | 27 | 96 | 0.0019 | 130 | 5.356 | 25.46 | 0.0008 | 0.0008 | 26.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | toluene | µg/kg | 16 | 27 | 59 | 0.15 | 33 | 2.358 | 8.172 | 0.11 | 12 | 6.822 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | tph as diesel | mg/kg | 18 | 27 | 67 | 14 | 37000 | 3699 | 9751 | 4.8 | 4.8 | 9316 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte05ft | tph as gasoline | mg/kg | 19 | 27 | 70 | 0.048 | 620 | 44.85 | 148.9 | 0.046 | 0.053 | 137.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | tph as motor oil | mg/kg | 18 | 27 | 67 | 37 | 51000 | 5156 | 13377 | 7 | 7 | 12846 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte05ft | vanadium | mg/kg | 27 | 27 | 100 | 13.4 | 27.1 | 20.29 | 4.149 | -- | -- | 21.65 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | xylenes, total | µg/kg | 9 | 27 | 33 | 0.17 | 250 | 40.25 | 86.62 | 0.15 | 0.19 | 58.72 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte05ft | zinc | mg/kg | 27 | 27 | 100 | 14.3 | 54.4 | 26.13 | 9.608 | -- | -- | 29.31 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24818 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 34 | 18 | 0.14 | 720 | 185.2 | 304.9 | 0.087 | 0.11 | 144.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 24 | 34 | 71 | 0.0019 | 62 | 2.797 | 12.63 | 0.0011 | 0.021 | 9.967 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 34 | 34 | 100 | 0.0007 | 56 | 1.778 | 9.592 | -- | -- | 8.949 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | antimony | mg/kg | 7 | 34 | 21 | 0.329 | 0.933 | 0.617 | 0.214 | 0.306 | 0.306 | 0.563 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 0.916 | 4.33 | 2.487 | 1.022 | -- | -- | 2.783 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | bap teq | mg/kg | 32 | 34 | 94 | 0.000856 | 15.22 | 0.549 | 2.687 | 0.00053 | 0.00053 | 2.468 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | benzene | µg/kg | 16 | 34 | 47 | 0.11 | 1.9 | 0.377 | 0.487 | 0.1 | 20 | 0.358 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 29 | 34 | 85 | 0.0007 | 22 | 0.876 | 4.081 | 0.0007 | 0.0007 | 3.575 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 32 | 34 | 94 | 0.0005 | 11 | 0.394 | 1.941 | 0.0005 | 0.0005 | 1.781 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 34 | 82 | 0.0005 | 4.2 | 0.183 | 0.793 | 0.0004 | 0.0004 | 0.691 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 34 | 35 | 0.0012 | 4.6 | 0.393 | 1.325 | 0.0011 | 0.56 | 0.746 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | chromium, hexavalent | mg/kg | 13 | 34 | 38 | 0.22 | 0.56 | 0.345 | 0.108 | 0.22 | 0.22 | 0.299 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24818 panama ave | lte10ft | chrysene | mg/kg | 30 | 34 | 88 | 0.0012 | 51 | 2 | 9.311 | 0.0012 | 0.0012 | 8.321 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 4.23 | 10.6 | 5.974 | 1.363 | -- | -- | 6.364 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24818 panama ave | lte10ft | copper | mg/kg | 34 | 34 | 100 | 4.94 | 17.6 | 7.846 | 2.43 | -- | -- | 8.507 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24818 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 11 | 34 | 32 | 0.0009 | 0.035 | 0.00991 | 0.0118 | 0.0007 | 2.7 | 0.00666 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24818 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 34 | 35 | 0.0009 | 0.029 | 0.00995 | 0.0111 | 0.0009 | 3.5 | 0.00692 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24818 panama ave | lte10ft | lead | mg/kg | 34 | 34 | 100 | 2.21 | 88.1 | 10.12 | 18.97 | -- | -- | 24.31 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | naphthalene | mg/kg | 26 | 34 | 76 | 0.0012 | 6 | 0.419 | 1.463 | 0.00025 | 0.00031 | 1.287 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | pyrene | mg/kg | 33 | 34 | 97 | 0.0016 | 130 | 4.221 | 22.61 | 0.0008 | 0.0008 | 20.76 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | toluene | µg/kg | 20 | 34 | 59 | 0.12 | 33 | 1.926 | 7.315 | 0.11 | 12 | 5.434 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | tph as diesel | mg/kg | 19 | 34 | 56 | 14 | 37000 | 3506 | 9514 | 4.8 | 4.8 | 7446 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte10ft | tph as gasoline | mg/kg | 21 | 34 | 62 | 0.048 | 620 | 40.59 | 141.9 | 0.045 | 0.053 | 109.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | tph as motor oil | mg/kg | 19 | 34 | 56 | 37 | 51000 | 4888 | 13052 | 7 | 7 | 10273 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24818 panama ave | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 13.4 | 30.6 | 21.93 | 4.992 | -- | -- | 23.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24818 panama ave | lte10ft | xylenes, total | µg/kg | 9 | 34 | 26 | 0.17 | 250 | 40.25 | 86.62 | 0.15 | 0.19 | 46.92 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24818 panama ave | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 14.3 | 54.4 | 25.96 | 8.555 | -- | -- | 28.4 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 8 | 100 | 100 | 5100 | 2005 | 1712 | -- | -- | 3152 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 8 | 88 | 7.6 | 1300 | 605.4 | 453.5 | 9.3 | 9.3 | 848.8 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.15 | 9.4 | 2.999 | 3.327 | -- | -- | 7.434 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.21 | 17 | 4.999 | 6.109 | -- | -- | 13.27 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 2.73 | 4.06 | 3.601 | 0.499 | -- | -- | 3.936 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00986 | 0.394 | 0.13 | 0.117 | -- | -- | 0.267 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | benzene | µg/kg | 8 | 8 | 100 | 35 | 270 | 130.9 | 71.42 | -- | -- | 178.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 8 | 88 | 0.013 | 0.47 | 0.16 | 0.151 | 0.11 | 0.11 | 0.246 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.0074 | 0.28 | 0.0992 | 0.0892 | 0.099 | 0.099 | 0.152 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 8 | 88 | 0.0034 | 0.22 | 0.0673 | 0.0717 | 0.07 | 0.07 | 0.17 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.03 | 0.79 | 0.344 | 0.232 | -- | -- | 0.499 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 6.31 | 7.21 | 6.656 | 0.311 | -- | -- | 6.865 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 7.42 | 10.5 | 8.989 | 1.042 | -- | -- | 9.687 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 8 | 8 | 100 | 91 | 2700 | 855.1 | 791 | -- | -- | 1667 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.13 | 82.4 | 15.51 | 27.06 | -- | -- | 57.22 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | gt05lte10ft | naphthalene | mg/kg | 8 | 8 | 100 | 0.26 | 5.3 | 2.658 | 1.703 | -- | -- | 3.798 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.028 | 0.93 | 0.391 | 0.283 | -- | -- | 0.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 110 | 4800 | 1843 | 1591 | -- | -- | 2908 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 8 | 8 | 100 | 2.7 | 690 | 270.4 | 275.2 | -- | -- | 454.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 150 | 4800 | 2244 | 1818 | -- | -- | 3462 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 21 | 25 | 23.34 | 1.484 | -- | -- | 24.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | xylenes, total | µg/kg | 8 | 8 | 100 | 36 | 2000 | 727 | 619 | -- | -- | 1142 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 24.3 | 36.1 | 29.03 | 3.777 | -- | -- | 31.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 9 | 15 | 60 | 0.0011 | 0.021 | 0.00773 | 0.00644 | 0.0054 | 0.043 | 0.0103 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 15 | 87 | 0.0029 | 0.1 | 0.0273 | 0.0261 | 0.024 | 0.024 | 0.0375 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte02ft | arsenic | mg/kg | 15 | 15 | 100 | 2.69 | 5.62 | 4.103 | 0.747 | -- | -- | 4.442 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | bap teq | mg/kg | 15 | 15 | 100 | 0.0118 | 0.186 | 0.0752 | 0.0525 | -- | -- | 0.0991 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | benzene | µg/kg | 10 | 15 | 67 | 0.17 | 1.1 | 0.428 | 0.298 | 0.11 | 0.12 | 0.467 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 15 | 93 | 0.0085 | 0.22 | 0.0596 | 0.054 | 0.026 | 0.026 | 0.117 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 15 | 100 | 0.0086 | 0.13 | 0.0558 | 0.0392 | -- | -- | 0.0736 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 15 | 100 | 0.0045 | 0.085 | 0.0348 | 0.0269 | -- | -- | 0.0508 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 11 | 15 | 73 | 0.0021 | 0.046 | 0.0197 | 0.0156 | 0.0056 | 0.045 | 0.0244 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | chrysene | mg/kg | 15 | 15 | 100 | 0.019 | 0.58 | 0.147 | 0.137 | -- | -- | 0.222 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte02ft | cobalt | mg/kg | 15 | 15 | 100 | 5.04 | 7.54 | 6.433 | 0.686 | -- | -- | 6.745 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | copper | mg/kg | 15 | 15 | 100 | 6.98 | 51.7 | 11.82 | 11.18 | -- | -- | 17.37 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 11 | 15 | 73 | 0.002 | 0.041 | 0.0142 | 0.0127 | 0.013 | 0.027 | 0.0182 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 15 | 93 | 0.0028 | 0.065 | 0.0241 | 0.0199 | 0.035 | 0.035 | 0.0324 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | lead | mg/kg | 15 | 15 | 100 | 5.04 | 267 | 26.71 | 66.58 | -- | -- | 101.6 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte02ft | naphthalene | mg/kg | 12 | 15 | 80 | 0.0004 | 0.033 | 0.0087 | 0.0101 | 0.00027 | 0.00029 | 0.0179 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte02ft | pyrene | mg/kg | 15 | 15 | 100 | 0.012 | 0.26 | 0.085 | 0.0652 | -- | -- | 0.125 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte02ft | toluene | µg/kg | 10 | 15 | 67 | 0.14 | 1.8 | 0.527 | 0.539 | 0.12 | 0.18 | 0.603 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte02ft | tph as diesel | mg/kg | 14 | 15 | 93 | 11 | 990 | 215.9 | 255 | 4.8 | 4.8 | 485.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte02ft | tph as gasoline | mg/kg | 5 | 15 | 33 | 0.061 | 0.3 | 0.148 | 0.0941 | 0.049 | 0.059 | 0.16 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | tph as motor oil | mg/kg | 15 | 15 | 100 | 10 | 3000 | 609.9 | 765.6 | -- | -- | 1123 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte02ft | vanadium | mg/kg | 15 | 15 | 100 | 18.8 | 25.4 | 23.23 | 2.183 | -- | -- | 24.22 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte02ft | xylenes, total | µg/kg | 5 | 15 | 33 | 0.2 | 2 | 0.808 | 0.694 | 0.16 | 0.24 | 0.821 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte02ft | zinc | mg/kg | 15 | 15 | 100 | 23.8 | 240 | 45.74 | 54.28 | -- | -- | 106.8 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 26 | 42 | 0.24 | 13000 | 1286 | 3891 | 0.088 | 9.2 | 1421 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24819 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 26 | 19 | 0.44 | 1000 | 215.7 | 439 | 0.074 | 7.9 | 113.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 18 | 26 | 69 | 0.0011 | 25 | 3.063 | 7.001 | 0.0054 | 0.043 | 7.254 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 23 | 26 | 88 | 0.0029 | 40 | 3.798 | 10.4 | 0.012 | 0.024 | 11.79 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 2.63 | 6.01 | 4.11 | 1.003 | -- | -- | 4.446 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte05ft | bap teq | mg/kg | 26 | 26 | 100 | 0.0118 | 0.661 | 0.117 | 0.156 | -- | -- | 0.167 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24819 panama ave | lte05ft | benzene | µg/kg | 20 | 26 | 77 | 0.11 | 1900 | 121.3 | 429.5 | 0.11 | 11 | 418.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 25 | 26 | 96 | 0.0085 | 0.87 | 0.129 | 0.211 | 0.026 | 0.026 | 0.303 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24819 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 25 | 26 | 96 | 0.0086 | 0.49 | 0.0879 | 0.113 | 0.0099 | 0.0099 | 0.18 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24819 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 26 | 88 | 0.0045 | 0.085 | 0.0344 | 0.0236 | 0.007 | 0.14 | 0.0412 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24819 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 13 | 26 | 50 | 0.0021 | 0.046 | 0.0205 | 0.0148 | 0.0056 | 0.45 | 0.0204 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte05ft | chrysene | mg/kg | 26 | 26 | 100 | 0.019 | 1.4 | 0.254 | 0.358 | -- | -- | 0.443 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24819 panama ave | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 5.04 | 10.7 | 6.758 | 1.048 | -- | -- | 7.101 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte05ft | copper | mg/kg | 26 | 26 | 100 | 6.98 | 51.7 | 10.77 | 8.808 | -- | -- | 13.97 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 14 | 26 | 54 | 0.002 | 0.064 | 0.0173 | 0.0176 | 0.013 | 0.27 | 0.0183 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte05ft | ethylbenzene | µg/kg | 10 | 26 | 38 | 0.27 | 3900 | 835.2 | 1347 | 0.12 | 0.18 | 635.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 26 | 69 | 0.0028 | 0.065 | 0.0234 | 0.0179 | 0.017 | 0.35 | 0.0267 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte05ft | lead | mg/kg | 26 | 26 | 100 | 3.65 | 267 | 17.69 | 50.99 | -- | -- | 61.28 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte05ft | naphthalene | mg/kg | 20 | 26 | 77 | 0.0004 | 13 | 1.853 | 3.769 | 0.00025 | 0.00029 | 4.333 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte05ft | pyrene | mg/kg | 26 | 26 | 100 | 0.012 | 2.2 | 0.275 | 0.521 | -- | -- | 0.508 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24819 panama ave | lte05ft | toluene | µg/kg | 15 | 26 | 58 | 0.14 | 28 | 3.184 | 7.594 | 0.11 | 12 | 7.027 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte05ft | tph as diesel | mg/kg | 25 | 26 | 96 | 6.6 | 11000 | 1462 | 2762 | 4.8 | 4.8 | 3735 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24819 panama ave | lte05ft | tph as gasoline | mg/kg | 16 | 26 | 62 | 0.061 | 1500 | 189.6 | 451.7 | 0.049 | 0.059 | 430.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte05ft | tph as motor oil | mg/kg | 25 | 26 | 96 | 10 | 11000 | 1762 | 2635 | 7 | 7 | 3923 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 18.6 | 36.1 | 24.15 | 4.033 | -- | -- | 25.51 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte05ft | xylenes, total | µg/kg | 12 | 26 | 46 | 0.2 | 6300 | 572.7 | 1807 | 0.15 | 16 | 1344 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 22.5 | 240 | 38.42 | 41.8 | -- | -- | 53.72 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 34 | 56 | 0.24 | 13000 | 1589 | 3112 | 0.088 | 9.2 | 1713 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 34 | 35 | 0.44 | 1300 | 443 | 471.7 | 0.074 | 9.3 | 260.2 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 26 | 34 | 76 | 0.0011 | 25 | 3.043 | 6.036 | 0.0054 | 0.043 | 6.395 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 34 | 91 | 0.0029 | 40 | 4.108 | 9.399 | 0.012 | 0.024 | 10.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 2.63 | 6.01 | 3.99 | 0.929 | -- | -- | 4.268 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24819 panama ave | lte10ft | bap teq | mg/kg | 34 | 34 | 100 | 0.00986 | 0.661 | 0.12 | 0.147 | -- | -- | 0.161 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24819 panama ave | lte10ft | benzene | µg/kg | 28 | 34 | 82 | 0.11 | 1900 | 124.1 | 362.1 | 0.11 | 11 | 350.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 32 | 34 | 94 | 0.0085 | 0.87 | 0.136 | 0.197 | 0.026 | 0.11 | 0.274 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24819 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 32 | 34 | 94 | 0.0074 | 0.49 | 0.0904 | 0.107 | 0.0099 | 0.099 | 0.165 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 30 | 34 | 88 | 0.0034 | 0.22 | 0.0421 | 0.0411 | 0.007 | 0.14 | 0.0527 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 16 | 34 | 47 | 0.0021 | 0.046 | 0.0195 | 0.0143 | 0.0056 | 0.45 | 0.0188 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte10ft | bromomethane | µg/kg | 5 | 34 | 15 | 2.2 | 310 | 214.4 | 122.5 | 1.4 | 150 | 257.1 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24819 panama ave | lte10ft | chrysene | mg/kg | 34 | 34 | 100 | 0.019 | 1.4 | 0.275 | 0.332 | -- | -- | 0.375 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 5.04 | 10.7 | 6.734 | 0.924 | -- | -- | 6.993 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24819 panama ave | lte10ft | copper | mg/kg | 34 | 34 | 100 | 6.98 | 51.7 | 10.35 | 7.719 | -- | -- | 12.78 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 34 | 41 | 0.002 | 0.064 | 0.0173 | 0.0176 | 0.0007 | 0.27 | 0.0154 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | ethylbenzene | µg/kg | 18 | 34 | 53 | 0.27 | 3900 | 844.1 | 1104 | 0.12 | 0.18 | 746.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 34 | 65 | 0.0012 | 0.065 | 0.0219 | 0.0172 | 0.017 | 0.35 | 0.0243 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | lead | mg/kg | 34 | 34 | 100 | 3.65 | 267 | 17.18 | 46.1 | -- | -- | 51.64 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte10ft | naphthalene | mg/kg | 28 | 34 | 82 | 0.0004 | 13 | 2.083 | 3.3 | 0.00025 | 0.00029 | 4.034 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte10ft | pyrene | mg/kg | 34 | 34 | 100 | 0.012 | 2.2 | 0.302 | 0.474 | -- | -- | 0.436 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24819 panama ave | lte10ft | toluene | µg/kg | 18 | 34 | 53 | 0.14 | 28 | 5.135 | 9.271 | 0.11 | 14 | 8.253 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte10ft | tph as diesel | mg/kg | 33 | 34 | 97 | 6.6 | 11000 | 1555 | 2511 | 4.8 | 4.8 | 3369 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | tph as gasoline | mg/kg | 24 | 34 | 71 | 0.061 | 1500 | 216.5 | 397.1 | 0.049 | 0.059 | 413.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24819 panama ave | lte10ft | tph as motor oil | mg/kg | 33 | 34 | 97 | 10 | 11000 | 1879 | 2444 | 7 | 7 | 3640 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 18.6 | 36.1 | 23.96 | 3.593 | -- | -- | 25.02 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24819 panama ave | lte10ft | xylenes, total | µg/kg | 20 | 34 | 59 | 0.2 | 6300 | 634.4 | 1427 | 0.15 | 16 | 770.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24819 panama ave | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 22.5 | 240 | 36.21 | 36.65 | -- | -- | 47.84 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 5 | 10 | 50 | 0.0016 | 0.0039 | 0.00262 | 0.00113 | 0.0011 | 0.0021 | 0.00287 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.0007 | 0.0053 | 0.00251 | 0.0017 | 0.0006 | 0.0012 | 0.00299 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.75 | 5.07 | 3.903 | 0.673 | -- | -- | 4.293 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | bap teq | mg/kg | 9 | 10 | 90 | 0.000577 | 0.0317 | 0.00568 | 0.00987 | 0.00053 | 0.00053 | 0.0183 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 10 | 90 | 0.0007 | 0.018 | 0.00391 | 0.00549 | 0.0007 | 0.0007 | 0.0109 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 10 | 80 | 0.0006 | 0.024 | 0.00471 | 0.00785 | 0.0005 | 0.0005 | 0.0139 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 10 | 70 | 0.0008 | 0.018 | 0.00399 | 0.00626 | 0.0004 | 0.0004 | 0.0065 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | chromium, hexavalent | mg/kg | 6 | 10 | 60 | 0.23 | 0.48 | 0.343 | 0.0965 | 0.22 | 0.22 | 0.363 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | chrysene | mg/kg | 9 | 10 | 90 | 0.0015 | 0.024 | 0.00689 | 0.00729 | 0.0012 | 0.0012 | 0.0162 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 6.63 | 9.49 | 8.288 | 0.881 | -- | -- | 8.799 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 5.65 | 11.1 | 7.996 | 1.678 | -- | -- | 8.969 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.65 | 6.29 | 4.83 | 0.784 | -- | -- | 5.285 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | naphthalene | mg/kg | 7 | 10 | 70 | 0.00048 | 0.0053 | 0.00238 | 0.00189 | 0.00026 | 0.00029 | 0.00289 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | pyrene | mg/kg | 9 | 10 | 90 | 0.0012 | 0.28 | 0.0401 | 0.0908 | 0.0008 | 0.0008 | 0.156 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24822 panama ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 21.6 | 33.4 | 28.03 | 3.585 | -- | -- | 30.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 23.1 | 35.3 | 27.44 | 3.661 | -- | -- | 29.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 20 | 35 | 0.1 | 2.4 | 0.69 | 0.82 | 0.09 | 0.12 | 0.528 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 20 | 35 | 0.006 | 0.062 | 0.0313 | 0.0238 | 0.0011 | 0.021 | 0.0263 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 16 | 20 | 80 | 0.0031 | 0.25 | 0.0468 | 0.061 | 0.0006 | 0.012 | 0.0941 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 1.8 | 5.75 | 3.862 | 1.279 | -- | -- | 4.356 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | bap teq | mg/kg | 19 | 20 | 95 | 0.00459 | 0.227 | 0.0777 | 0.0571 | 0.00053 | 0.00053 | 0.097 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | benzene | µg/kg | 13 | 20 | 65 | 0.15 | 1.2 | 0.358 | 0.273 | 0.1 | 0.12 | 0.385 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24822 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 19 | 20 | 95 | 0.0039 | 0.43 | 0.086 | 0.102 | 0.0007 | 0.0007 | 0.18 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 19 | 20 | 95 | 0.0035 | 0.15 | 0.0576 | 0.0398 | 0.0005 | 0.0005 | 0.0706 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 20 | 90 | 0.0034 | 0.11 | 0.0394 | 0.0332 | 0.0004 | 0.007 | 0.0684 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 20 | 30 | 0.005 | 0.051 | 0.0236 | 0.0178 | 0.0011 | 0.023 | 0.0232 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | chromium, hexavalent | mg/kg | 5 | 20 | 25 | 0.23 | 0.35 | 0.272 | 0.0522 | 0.22 | 0.22 | 0.265 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | chrysene | mg/kg | 19 | 20 | 95 | 0.0069 | 1.1 | 0.239 | 0.277 | 0.0012 | 0.0012 | 0.495 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 5.1 | 7.56 | 6.407 | 0.717 | -- | -- | 6.684 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | copper | mg/kg | 20 | 20 | 100 | 5.65 | 74.9 | 12.58 | 14.92 | -- | -- | 27.12 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 20 | 35 | 0.0028 | 0.03 | 0.0145 | 0.0107 | 0.0007 | 0.013 | 0.013 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 20 | 55 | 0.0012 | 0.048 | 0.0184 | 0.0133 | 0.0009 | 0.017 | 0.0178 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | lead | mg/kg | 20 | 20 | 100 | 3.34 | 82.9 | 14.73 | 18.95 | -- | -- | 33.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte02ft | naphthalene | mg/kg | 9 | 20 | 45 | 0.00049 | 0.035 | 0.0158 | 0.0145 | 0.00025 | 0.00032 | 0.013 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0009 | 1.6 | 0.242 | 0.354 | -- | -- | 0.418 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte02ft | toluene | µg/kg | 11 | 20 | 55 | 0.16 | 1 | 0.341 | 0.228 | 0.12 | 0.15 | 0.347 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | lte02ft | tph as diesel | mg/kg | 19 | 20 | 95 | 39 | 1800 | 457.6 | 453.7 | 4.8 | 4.8 | 877.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte02ft | tph as motor oil | mg/kg | 19 | 20 | 95 | 260 | 7000 | 1395 | 1527 | 7 | 7 | 2809 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 16.9 | 29.6 | 23.28 | 3.442 | -- | -- | 24.61 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte02ft | xylenes, total | µg/kg | 5 | 20 | 25 | 0.17 | 1.3 | 0.472 | 0.478 | 0.15 | 0.22 | 0.354 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 19.4 | 330 | 58.45 | 85.45 | -- | -- | 141.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 32 | 44 | 0.1 | 39 | 3.922 | 10.18 | 0.09 | 0.12 | 7.179 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 32 | 19 | 0.2 | 1.1 | 0.565 | 0.395 | 0.076 | 8.5 | 0.377 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 33 | 45 | 0.0014 | 15 | 1.706 | 4.484 | 0.0011 | 0.021 | 3.165 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 26 | 33 | 79 | 0.0008 | 23 | 1.392 | 4.991 | 0.0006 | 0.012 | 4.487 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | arsenic | mg/kg | 33 | 33 | 100 | 1.72 | 5.75 | 3.207 | 1.427 | -- | -- | 3.631 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | bap teq | mg/kg | 32 | 33 | 97 | 0.00109 | 0.448 | 0.0716 | 0.0918 | 0.00053 | 0.00053 | 0.139 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte05ft | benzene | µg/kg | 16 | 32 | 50 | 0.12 | 12 | 1.061 | 2.928 | 0.1 | 0.14 | 1.384 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 32 | 33 | 97 | 0.0011 | 0.43 | 0.0827 | 0.119 | 0.0007 | 0.0007 | 0.17 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 31 | 33 | 94 | 0.0007 | 0.35 | 0.052 | 0.0701 | 0.0005 | 0.099 | 0.102 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 29 | 33 | 88 | 0.0005 | 0.19 | 0.0356 | 0.0456 | 0.0004 | 0.07 | 0.0654 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 33 | 27 | 0.0019 | 0.095 | 0.0267 | 0.0307 | 0.0011 | 0.13 | 0.0153 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte05ft | chromium, hexavalent | mg/kg | 7 | 33 | 21 | 0.23 | 0.4 | 0.294 | 0.064 | 0.22 | 0.22 | 0.267 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte05ft | chrysene | mg/kg | 32 | 33 | 97 | 0.0013 | 2.3 | 0.276 | 0.483 | 0.0012 | 0.0012 | 0.631 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte05ft | cobalt | mg/kg | 33 | 33 | 100 | 4.24 | 8.21 | 5.913 | 1.02 | -- | -- | 6.213 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte05ft | copper | mg/kg | 33 | 33 | 100 | 5.65 | 74.9 | 10.51 | 11.82 | -- | -- | 14.31 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 33 | 27 | 0.0011 | 0.03 | 0.0118 | 0.0107 | 0.0007 | 0.13 | 0.00777 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte05ft | ethylbenzene | µg/kg | 8 | 32 | 25 | 0.17 | 35 | 4.654 | 12.26 | 0.12 | 0.17 | 6.279 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 33 | 52 | 0.0009 | 0.048 | 0.0145 | 0.0141 | 0.0009 | 0.17 | 0.0126 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte05ft | lead | mg/kg | 33 | 33 | 100 | 2.74 | 82.9 | 12.33 | 16.47 | -- | -- | 24.82 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | naphthalene | mg/kg | 17 | 33 | 52 | 0.00049 | 7.1 | 0.513 | 1.73 | 0.00025 | 0.00032 | 1.228 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | lte05ft | pyrene | mg/kg | 33 | 33 | 100 | 0.0009 | 5.1 | 0.377 | 0.932 | -- | -- | 0.694 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24822 panama ave | lte05ft | toluene | µg/kg | 12 | 32 | 38 | 0.16 | 1 | 0.328 | 0.221 | 0.12 | 13 | 0.295 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | tph as diesel | mg/kg | 25 | 33 | 76 | 17 | 49000 | 2836 | 9750 | 4.8 | 4.8 | 8659 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | lte05ft | tph as gasoline | mg/kg | 11 | 32 | 34 | 0.054 | 260 | 25.1 | 78.03 | 0.047 | 0.061 | 45.21 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | tph as motor oil | mg/kg | 25 | 33 | 76 | 73 | 83000 | 5335 | 16429 | 7 | 7 | 15049 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | lte05ft | vanadium | mg/kg | 33 | 33 | 100 | 15.1 | 32.6 | 21.19 | 4.71 | -- | -- | 22.59 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | xylenes, total | µg/kg | 11 | 32 | 34 | 0.17 | 170 | 16.04 | 51.06 | 0.15 | 0.22 | 29.49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte05ft | zinc | mg/kg | 33 | 33 | 100 | 17.9 | 330 | 46.52 | 68.09 | -- | -- | 98.19 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 42 | 43 | 0.1 | 39 | 3.343 | 9 | 0.09 | 0.12 | 5.605 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 42 | 21 | 0.17 | 1.1 | 0.49 | 0.357 | 0.076 | 8.5 | 0.311 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 20 | 43 | 47 | 0.0014 | 15 | 1.28 | 3.922 | 0.0011 | 0.021 | 2.427 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 33 | 43 | 77 | 0.0007 | 23 | 1.097 | 4.449 | 0.0006 | 0.012 | 3.452 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24822 panama ave | lte10ft | arsenic | mg/kg | 43 | 43 | 100 | 1.72 | 5.75 | 3.369 | 1.318 | -- | -- | 3.708 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | bap teq | mg/kg | 41 | 43 | 95 | 0.000577 | 0.448 | 0.0571 | 0.0856 | 0.00053 | 0.00053 | 0.111 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | benzene | µg/kg | 19 | 42 | 45 | 0.11 | 12 | 0.913 | 2.696 | 0.1 | 0.14 | 1.071 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 41 | 43 | 95 | 0.0007 | 0.43 | 0.0654 | 0.11 | 0.0007 | 0.0007 | 0.134 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 39 | 43 | 91 | 0.0006 | 0.35 | 0.0423 | 0.0653 | 0.0005 | 0.099 | 0.0811 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 36 | 43 | 84 | 0.0005 | 0.19 | 0.0294 | 0.0428 | 0.0004 | 0.07 | 0.0521 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 43 | 26 | 0.0015 | 0.095 | 0.0232 | 0.0286 | 0.0011 | 0.13 | 0.0121 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte10ft | chromium, hexavalent | mg/kg | 13 | 43 | 30 | 0.23 | 0.48 | 0.317 | 0.0811 | 0.22 | 0.22 | 0.275 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte10ft | chrysene | mg/kg | 41 | 43 | 95 | 0.0013 | 2.3 | 0.217 | 0.44 | 0.0012 | 0.0012 | 0.494 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | cobalt | mg/kg | 43 | 43 | 100 | 4.24 | 9.49 | 6.465 | 1.411 | -- | -- | 6.84 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte10ft | copper | mg/kg | 43 | 43 | 100 | 5.65 | 74.9 | 9.924 | 10.4 | -- | -- | 12.84 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 43 | 23 | 0.0011 | 0.03 | 0.011 | 0.0104 | 0.0007 | 0.13 | 0.00644 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24822 panama ave | lte10ft | ethylbenzene | µg/kg | 10 | 42 | 24 | 0.12 | 35 | 3.772 | 10.97 | 0.12 | 0.17 | 4.756 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 43 | 47 | 0.0009 | 0.048 | 0.0131 | 0.0135 | 0.0009 | 0.17 | 0.01 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte10ft | lead | mg/kg | 43 | 43 | 100 | 2.74 | 82.9 | 10.58 | 14.73 | -- | -- | 20.37 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | naphthalene | mg/kg | 24 | 43 | 56 | 0.00048 | 7.1 | 0.364 | 1.462 | 0.00025 | 0.00032 | 0.94 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | pyrene | mg/kg | 42 | 43 | 98 | 0.0009 | 5.1 | 0.305 | 0.836 | 0.0008 | 0.0008 | 0.848 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24822 panama ave | lte10ft | toluene | µg/kg | 15 | 42 | 36 | 0.13 | 1 | 0.29 | 0.212 | 0.12 | 13 | 0.228 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24822 panama ave | lte10ft | tph as diesel | mg/kg | 27 | 43 | 63 | 6.8 | 49000 | 2627 | 9397 | 4.8 | 4.8 | 6676 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | lte10ft | tph as gasoline | mg/kg | 12 | 42 | 29 | 0.054 | 260 | 23.02 | 74.75 | 0.047 | 0.061 | 34.46 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | tph as motor oil | mg/kg | 28 | 43 | 65 | 16 | 83000 | 4769 | 15579 | 7 | 7 | 11607 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24822 panama ave | lte10ft | vanadium | mg/kg | 43 | 43 | 100 | 15.1 | 33.4 | 22.78 | 5.31 | -- | -- | 24.15 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | xylenes, total | µg/kg | 15 | 42 | 36 | 0.17 | 170 | 11.86 | 43.75 | 0.15 | 0.22 | 22.36 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24822 panama ave | lte10ft | zinc | mg/kg | 43 | 43 | 100 | 17.9 | 330 | 42.08 | 60.02 | -- | -- | 81.98 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 10 | 100 | 0.63 | 3200 | 370.5 | 997.8 | -- | -- | 2272 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 10 | 100 | 0.16 | 1400 | 145.3 | 440.9 | -- | -- | 753 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.0031 | 27 | 4.225 | 8.512 | -- | -- | 18.13 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.0059 | 42 | 6.44 | 13.27 | -- | -- | 28.59 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 2.27 | 5.9 | 4.06 | 1.026 | -- | -- | 4.655 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.0113 | 0.937 | 0.234 | 0.285 | -- | -- | 0.518 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | benzene | µg/kg | 10 | 10 | 100 | 0.17 | 320 | 36 | 99.93 | -- | -- | 173.7 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.015 | 1 | 0.261 | 0.297 | -- | -- | 0.527 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 10 | 90 | 0.0086 | 0.74 | 0.199 | 0.229 | 0.0049 | 0.0049 | 0.491 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 10 | 60 | 0.051 | 0.27 | 0.119 | 0.0802 | 0.0007 | 0.007 | 0.138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.056 | 2.8 | 0.743 | 0.814 | -- | -- | 1.451 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.38 | 7.64 | 6.656 | 0.584 | -- | -- | 6.995 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 7.28 | 11.8 | 9.456 | 1.408 | -- | -- | 10.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 0.42 | 790 | 101.8 | 244.9 | -- | -- | 514.7 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 10 | 60 | 0.0029 | 0.049 | 0.0276 | 0.0182 | 0.0087 | 0.17 | 0.0364 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 5.25 | 13 | 7.424 | 2.384 | -- | -- | 8.897 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.0028 | 14 | 2.055 | 4.379 | -- | -- | 9.018 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.041 | 8.8 | 1.713 | 2.636 | -- | -- | 4.067 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | toluene | µg/kg | 8 | 10 | 80 | 0.14 | 60 | 7.748 | 21.11 | 0.12 | 0.4 | 32.64 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 410 | 16000 | 4313 | 5977 | -- | -- | 12551 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 0.89 | 300 | 83.93 | 110.5 | -- | -- | 236.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 640 | 28000 | 6042 | 8822 | -- | -- | 18203 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 17.5 | 28.5 | 24.46 | 2.971 | -- | -- | 26.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 10 | 100 | 0.55 | 3200 | 336.9 | 1006 | -- | -- | 1724 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 21.6 | 48.5 | 31.48 | 8.479 | -- | -- | 36.99 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 16 | 63 | 0.1 | 270 | 27.47 | 85.22 | 0.097 | 0.12 | 92.19 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 16 | 38 | 0.0017 | 4.9 | 0.826 | 1.996 | 0.0054 | 0.043 | 1.726 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 16 | 81 | 0.0061 | 4.1 | 0.341 | 1.13 | 0.003 | 0.024 | 1.398 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.35 | 4.87 | 3.865 | 0.718 | -- | -- | 4.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.0102 | 0.207 | 0.0647 | 0.0532 | -- | -- | 0.0946 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte02ft | benzene | µg/kg | 8 | 16 | 50 | 0.13 | 0.25 | 0.184 | 0.049 | 0.11 | 0.14 | 0.179 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 14 | 16 | 88 | 0.01 | 0.23 | 0.056 | 0.0546 | 0.0033 | 0.013 | 0.0796 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0078 | 0.15 | 0.0539 | 0.0433 | 0.0099 | 0.0099 | 0.0984 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 10 | 16 | 63 | 0.0051 | 0.083 | 0.0275 | 0.0218 | 0.0018 | 0.014 | 0.0296 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.027 | 0.61 | 0.164 | 0.148 | -- | -- | 0.245 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24823 panama ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 4.78 | 10.3 | 6.926 | 1.311 | -- | -- | 7.523 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 6.89 | 15.7 | 9.979 | 2.506 | -- | -- | 11.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 16 | 44 | 0.0029 | 0.038 | 0.0156 | 0.0125 | 0.0043 | 0.035 | 0.0156 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.83 | 16.1 | 8.253 | 3.952 | -- | -- | 9.985 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte02ft | naphthalene | mg/kg | 9 | 16 | 56 | 0.00029 | 1.9 | 0.223 | 0.629 | 0.00026 | 0.00034 | 0.656 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.024 | 0.73 | 0.135 | 0.178 | -- | -- | 0.253 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte02ft | toluene | µg/kg | 7 | 16 | 44 | 0.14 | 0.52 | 0.26 | 0.13 | 0.12 | 0.16 | 0.258 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 15 | 3900 | 770.3 | 1256 | -- | -- | 1548 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24823 panama ave | lte02ft | tph as gasoline | mg/kg | 13 | 16 | 81 | 0.057 | 400 | 30.98 | 110.9 | 0.049 | 0.056 | 134.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 69 | 6700 | 1402 | 1860 | -- | -- | 2514 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 20.5 | 30.4 | 24.91 | 2.989 | -- | -- | 26.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 22.7 | 347 | 55.33 | 78.23 | -- | -- | 140.6 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 20 | 29 | 69 | 0.1 | 760 | 56.31 | 176.6 | 0.091 | 0.12 | 159.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 17 | 29 | 59 | 0.0017 | 10 | 1.097 | 2.585 | 0.0011 | 0.043 | 1.352 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 24 | 29 | 83 | 0.0061 | 6.9 | 0.585 | 1.584 | 0.0006 | 0.024 | 1.665 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte05ft | arsenic | mg/kg | 29 | 29 | 100 | 2.28 | 5.02 | 3.753 | 0.809 | -- | -- | 4.009 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte05ft | bap teq | mg/kg | 29 | 29 | 100 | 0.00358 | 0.213 | 0.0707 | 0.0607 | -- | -- | 0.0955 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | benzene | µg/kg | 16 | 29 | 55 | 0.11 | 0.61 | 0.237 | 0.13 | 0.1 | 11 | 0.222 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 27 | 29 | 93 | 0.0032 | 0.23 | 0.0659 | 0.0625 | 0.0033 | 0.013 | 0.112 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 28 | 29 | 97 | 0.0026 | 0.17 | 0.0582 | 0.0499 | 0.0099 | 0.0099 | 0.0969 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 29 | 55 | 0.0023 | 0.083 | 0.0274 | 0.0228 | 0.0004 | 0.014 | 0.0232 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | chromium, hexavalent | mg/kg | 5 | 29 | 17 | 0.089 | 0.16 | 0.109 | 0.0297 | 0.038 | 0.22 | 0.127 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte05ft | chrysene | mg/kg | 29 | 29 | 100 | 0.0049 | 0.65 | 0.192 | 0.173 | -- | -- | 0.264 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | cobalt | mg/kg | 29 | 29 | 100 | 4.78 | 10.3 | 6.958 | 1.097 | -- | -- | 7.305 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte05ft | copper | mg/kg | 29 | 29 | 100 | 6.42 | 15.7 | 9.545 | 2.358 | -- | -- | 10.3 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 29 | 17 | 0.0025 | 0.044 | 0.0124 | 0.0177 | 0.0007 | 0.027 | 0.00991 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte05ft | ethylbenzene | µg/kg | 13 | 29 | 45 | 0.21 | 370 | 39.24 | 101.5 | 0.12 | 0.16 | 75.1 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 29 | 38 | 0.0013 | 0.038 | 0.0142 | 0.0126 | 0.0043 | 0.035 | 0.0121 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte05ft | lead | mg/kg | 29 | 29 | 100 | 3.72 | 16.1 | 6.95 | 3.4 | -- | -- | 8.022 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24823 panama ave | lte05ft | naphthalene | mg/kg | 20 | 29 | 69 | 0.00029 | 2.6 | 0.351 | 0.715 | 0.00025 | 0.00034 | 0.457 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | pyrene | mg/kg | 29 | 29 | 100 | 0.005 | 1.9 | 0.275 | 0.426 | -- | -- | 0.421 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24823 panama ave | lte05ft | toluene | µg/kg | 10 | 29 | 34 | 0.14 | 0.52 | 0.249 | 0.109 | 0.12 | 12 | 0.208 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | tph as diesel | mg/kg | 29 | 29 | 100 | 7.3 | 11000 | 1159 | 2216 | -- | -- | 2016 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | tph as gasoline | mg/kg | 26 | 29 | 90 | 0.057 | 400 | 41.05 | 94.6 | 0.049 | 0.056 | 110 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte05ft | tph as motor oil | mg/kg | 29 | 29 | 100 | 42 | 11000 | 1621 | 2407 | -- | -- | 2511 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte05ft | vanadium | mg/kg | 29 | 29 | 100 | 20.2 | 33.4 | 24.73 | 3.164 | -- | -- | 25.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte05ft | xylenes, total | µg/kg | 11 | 29 | 38 | 0.18 | 75 | 7.716 | 22.34 | 0.16 | 17 | 14.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte05ft | zinc | mg/kg | 29 | 29 | 100 | 22.7 | 347 | 44.32 | 58.92 | -- | -- | 92.01 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 30 | 39 | 77 | 0.1 | 3200 | 161.3 | 593.3 | 0.091 | 0.12 | 490.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 39 | 36 | 0.16 | 1400 | 105.5 | 372.6 | 0.077 | 0.5 | 198 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 27 | 39 | 69 | 0.0017 | 27 | 2.256 | 5.618 | 0.0011 | 0.043 | 3.049 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24823 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 34 | 39 | 87 | 0.0059 | 42 | 2.307 | 7.557 | 0.0006 | 0.024 | 6.967 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte10ft | arsenic | mg/kg | 39 | 39 | 100 | 2.27 | 5.9 | 3.832 | 0.866 | -- | -- | 4.066 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte10ft | bap teq | mg/kg | 39 | 39 | 100 | 0.00358 | 0.937 | 0.113 | 0.165 | -- | -- | 0.154 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte10ft | benzene | µg/kg | 26 | 39 | 67 | 0.11 | 320 | 14.03 | 62.52 | 0.1 | 11 | 45.34 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 39 | 95 | 0.0032 | 1 | 0.119 | 0.181 | 0.0033 | 0.013 | 0.237 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 37 | 39 | 95 | 0.0026 | 0.74 | 0.0925 | 0.131 | 0.0049 | 0.0099 | 0.178 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 22 | 39 | 56 | 0.0023 | 0.27 | 0.0524 | 0.0603 | 0.0004 | 0.014 | 0.0498 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte10ft | chromium, hexavalent | mg/kg | 7 | 39 | 18 | 0.089 | 0.16 | 0.108 | 0.026 | 0.038 | 0.22 | 0.12 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte10ft | chrysene | mg/kg | 39 | 39 | 100 | 0.0049 | 2.8 | 0.334 | 0.488 | -- | -- | 0.656 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte10ft | cobalt | mg/kg | 39 | 39 | 100 | 4.78 | 10.3 | 6.881 | 0.992 | -- | -- | 7.153 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte10ft | copper | mg/kg | 39 | 39 | 100 | 6.42 | 15.7 | 9.527 | 2.143 | -- | -- | 10.11 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24823 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 39 | 18 | 0.0025 | 0.044 | 0.017 | 0.0168 | 0.0007 | 0.13 | 0.00951 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte10ft | ethylbenzene | µg/kg | 23 | 39 | 59 | 0.21 | 790 | 66.57 | 176.5 | 0.12 | 0.16 | 136.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 39 | 44 | 0.0013 | 0.049 | 0.0189 | 0.0157 | 0.0043 | 0.17 | 0.0153 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte10ft | lead | mg/kg | 39 | 39 | 100 | 3.72 | 16.1 | 7.087 | 3.144 | -- | -- | 7.955 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte10ft | naphthalene | mg/kg | 30 | 39 | 77 | 0.00029 | 14 | 0.919 | 2.637 | 0.00025 | 0.00034 | 2.344 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24823 panama ave | lte10ft | pyrene | mg/kg | 39 | 39 | 100 | 0.005 | 8.8 | 0.644 | 1.478 | -- | -- | 0.984 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24823 panama ave | lte10ft | toluene | µg/kg | 18 | 39 | 46 | 0.14 | 60 | 3.582 | 14.08 | 0.12 | 12 | 4.819 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24823 panama ave | lte10ft | tph as diesel | mg/kg | 39 | 39 | 100 | 7.3 | 16000 | 1967 | 3745 | -- | -- | 4581 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24823 panama ave | lte10ft | tph as gasoline | mg/kg | 36 | 39 | 92 | 0.057 | 400 | 52.96 | 99.54 | 0.049 | 0.056 | 116.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte10ft | tph as motor oil | mg/kg | 39 | 39 | 100 | 42 | 28000 | 2755 | 5151 | -- | -- | 4086 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24823 panama ave | lte10ft | vanadium | mg/kg | 39 | 39 | 100 | 17.5 | 33.4 | 24.66 | 3.079 | -- | -- | 25.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24823 panama ave | lte10ft | xylenes, total | µg/kg | 21 | 39 | 54 | 0.18 | 3200 | 164.5 | 696 | 0.16 | 17 | 449.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24823 panama ave | lte10ft | zinc | mg/kg | 39 | 39 | 100 | 21.6 | 347 | 41.03 | 51.06 | -- | -- | 56.11 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 13 | 25 | 52 | 0.0007 | 0.002 | 0.00112 | 0.00041464 | 0.0006 | 0.0006 | 0.00105 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | arsenic | mg/kg | 25 | 25 | 100 | 3.97 | 5.72 | 4.685 | 0.48 | -- | -- | 4.849 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | bap teq | mg/kg | 19 | 25 | 76 | 0.000544 | 0.00549 | 0.00236 | 0.00162 | 0.00053 | 0.00053 | 0.00249 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 16 | 25 | 64 | 0.0007 | 0.0048 | 0.00173 | 0.00103 | 0.0007 | 0.0007 | 0.00171 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 16 | 25 | 64 | 0.0006 | 0.0038 | 0.00197 | 0.00115 | 0.0005 | 0.0005 | 0.00187 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 25 | 52 | 0.0005 | 0.0026 | 0.00125 | 0.00066785 | 0.0004 | 0.0004 | 0.00111 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | cadmium | mg/kg | 6 | 25 | 24 | 0.0988 | 0.105 | 0.102 | 0.0021 | 0.0099 | 0.0883 | 0.102 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | chromium, hexavalent | mg/kg | 10 | 25 | 40 | 0.086 | 0.48 | 0.289 | 0.121 | 0.22 | 0.22 | 0.284 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | chrysene | mg/kg | 18 | 25 | 72 | 0.0015 | 0.014 | 0.00389 | 0.00297 | 0.0012 | 0.0012 | 0.00421 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | cobalt | mg/kg | 25 | 25 | 100 | 5.62 | 9.66 | 7.484 | 0.926 | -- | -- | 7.801 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | copper | mg/kg | 25 | 25 | 100 | 6.07 | 11 | 8.737 | 1.142 | -- | -- | 9.127 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 8 | 25 | 32 | 0.0007 | 0.0023 | 0.00125 | 0.0005904 | 0.0007 | 0.0007 | 0.00108 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 25 | 28 | 0.0009 | 0.0023 | 0.00151 | 0.00047409 | 0.0009 | 0.0009 | 0.00152 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | lead | mg/kg | 25 | 25 | 100 | 3.39 | 7.68 | 4.358 | 0.992 | -- | -- | 4.714 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | gt05lte10ft | naphthalene | mg/kg | 12 | 25 | 48 | 0.001 | 0.034 | 0.00881 | 0.0119 | 0.00024 | 0.00027 | 0.00812 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | gt05lte10ft | pyrene | mg/kg | 21 | 25 | 84 | 0.001 | 0.02 | 0.00479 | 0.0051 | 0.0008 | 0.0008 | 0.00844 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | toluene | µg/kg | 7 | 25 | 28 | 0.13 | 2.5 | 0.871 | 0.926 | 0.11 | 0.12 | 0.606 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 8 | 25 | 32 | 5 | 55 | 18.55 | 16.83 | 4.8 | 4.8 | 13.33 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 5 | 25 | 20 | 0.046 | 0.22 | 0.118 | 0.0679 | 0.045 | 0.052 | 0.113 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 13 | 25 | 52 | 11 | 140 | 45.23 | 43.08 | 7 | 7 | 41.05 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | vanadium | mg/kg | 25 | 25 | 100 | 24.6 | 35.1 | 30.79 | 2.129 | -- | -- | 31.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | gt05lte10ft | zinc | mg/kg | 25 | 25 | 100 | 22.1 | 34.6 | 29.59 | 2.86 | -- | -- | 30.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 19 | 48 | 40 | 0.0011 | 0.035 | 0.00696 | 0.00937 | 0.0011 | 0.021 | 0.00569 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 48 | 48 | 100 | 0.0008 | 0.11 | 0.0139 | 0.0185 | -- | -- | 0.0184 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte02ft | arsenic | mg/kg | 48 | 48 | 100 | 2.1 | 6.45 | 3.406 | 0.931 | -- | -- | 3.63 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte02ft | bap teq | mg/kg | 48 | 48 | 100 | 0.00189 | 0.287 | 0.0401 | 0.0542 | -- | -- | 0.0532 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24825 neptune ave | lte02ft | benzene | µg/kg | 24 | 48 | 50 | 0.1 | 0.66 | 0.203 | 0.138 | 0.1 | 0.13 | 0.18 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 48 | 48 | 100 | 0.0016 | 0.19 | 0.03 | 0.0387 | -- | -- | 0.0399 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 48 | 48 | 100 | 0.0012 | 0.22 | 0.0295 | 0.0416 | -- | -- | 0.0394 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24825 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 48 | 48 | 100 | 0.0009 | 0.069 | 0.0142 | 0.0159 | -- | -- | 0.0184 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 25 | 48 | 52 | 0.0012 | 0.037 | 0.00842 | 0.0105 | 0.0011 | 0.023 | 0.0107 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte02ft | cadmium | mg/kg | 39 | 48 | 81 | 0.0898 | 0.823 | 0.185 | 0.135 | 0.0099 | 0.0883 | 0.247 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte02ft | chromium, hexavalent | mg/kg | 6 | 48 | 13 | 0.18 | 0.33 | 0.272 | 0.0504 | 0.22 | 0.22 | 0.283 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | lte02ft | chrysene | mg/kg | 48 | 48 | 100 | 0.0028 | 0.49 | 0.0775 | 0.102 | -- | -- | 0.104 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte02ft | cobalt | mg/kg | 48 | 48 | 100 | 5.41 | 9.28 | 6.906 | 0.84 | -- | -- | 7.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | lte02ft | copper | mg/kg | 48 | 48 | 100 | 7.13 | 24.9 | 10.4 | 2.991 | -- | -- | 11.15 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 44 | 48 | 92 | 0.0007 | 0.076 | 0.0115 | 0.0152 | 0.0007 | 0.0027 | 0.02 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24825 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 43 | 48 | 90 | 0.001 | 0.066 | 0.0122 | 0.014 | 0.0009 | 0.0035 | 0.0196 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte02ft | lead | mg/kg | 48 | 48 | 100 | 3.6 | 34.5 | 13.54 | 8.848 | -- | -- | 19.11 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte02ft | naphthalene | mg/kg | 30 | 48 | 63 | 0.0012 | 0.055 | 0.0118 | 0.0144 | 0.00025 | 0.00039 | 0.0111 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24825 neptune ave | lte02ft | pyrene | mg/kg | 48 | 48 | 100 | 0.0024 | 0.26 | 0.0429 | 0.0528 | -- | -- | 0.056 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte02ft | toluene | µg/kg | 26 | 48 | 54 | 0.13 | 14 | 1.172 | 2.706 | 0.098 | 0.15 | 1.991 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte02ft | tph as diesel | mg/kg | 47 | 48 | 98 | 5.7 | 580 | 143 | 142.7 | 4.8 | 4.8 | 229.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte02ft | tph as gasoline | mg/kg | 24 | 48 | 50 | 0.051 | 1.4 | 0.205 | 0.277 | 0.045 | 0.063 | 0.179 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24825 neptune ave | lte02ft | tph as motor oil | mg/kg | 48 | 48 | 100 | 9.5 | 2900 | 509.9 | 550.5 | -- | -- | 670 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte02ft | vanadium | mg/kg | 48 | 48 | 100 | 19.2 | 31.7 | 24.86 | 3.233 | -- | -- | 25.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | lte02ft | zinc | mg/kg | 48 | 48 | 100 | 23.8 | 125 | 42.65 | 20.8 | -- | -- | 47.87 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 21 | 73 | 29 | 0.0011 | 0.035 | 0.00679 | 0.00898 | 0.0011 | 0.021 | 0.00393 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24825 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 62 | 73 | 85 | 0.0006 | 0.11 | 0.011 | 0.0171 | 0.0006 | 0.0006 | 0.0177 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte05ft | arsenic | mg/kg | 73 | 73 | 100 | 1.47 | 6.45 | 2.994 | 0.965 | -- | -- | 3.185 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte05ft | bap teq | mg/kg | 64 | 73 | 88 | 0.000546 | 0.287 | 0.0308 | 0.0496 | 0.00053 | 0.00053 | 0.0513 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte05ft | benzene | µg/kg | 32 | 73 | 44 | 0.1 | 0.66 | 0.183 | 0.125 | 0.1 | 0.13 | 0.157 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 61 | 73 | 84 | 0.0009 | 0.19 | 0.0242 | 0.0361 | 0.0007 | 0.0007 | 0.0378 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24825 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 63 | 73 | 86 | 0.0006 | 0.22 | 0.023 | 0.0381 | 0.0005 | 0.0005 | 0.0384 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 60 | 73 | 82 | 0.0005 | 0.069 | 0.0117 | 0.0151 | 0.0004 | 0.0004 | 0.017 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24825 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 29 | 73 | 40 | 0.0011 | 0.037 | 0.00746 | 0.00999 | 0.0011 | 0.023 | 0.00545 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte05ft | bromomethane | µg/kg | 5 | 73 | 6.9 | 1.5 | 3.5 | 2.56 | 0.754 | 1.2 | 2.2 | 2.9 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | lte05ft | cadmium | mg/kg | 52 | 73 | 71 | 0.0884 | 0.823 | 0.168 | 0.121 | 0.0099 | 0.0883 | 0.167 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 18 | 73 | 25 | 0.18 | 0.48 | 0.296 | 0.0713 | 0.22 | 0.22 | 0.262 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | lte05ft | chrysene | mg/kg | 64 | 73 | 88 | 0.0013 | 0.49 | 0.0594 | 0.0935 | 0.0012 | 0.0012 | 0.098 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte05ft | cobalt | mg/kg | 73 | 73 | 100 | 5.41 | 9.28 | 6.828 | 0.742 | -- | -- | 6.972 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte05ft | copper | mg/kg | 73 | 73 | 100 | 6.15 | 24.9 | 9.273 | 2.904 | -- | -- | 9.857 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 53 | 73 | 73 | 0.0007 | 0.076 | 0.00977 | 0.0144 | 0.0007 | 0.0027 | 0.0139 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 51 | 73 | 70 | 0.001 | 0.066 | 0.0105 | 0.0134 | 0.0009 | 0.0035 | 0.0103 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24825 neptune ave | lte05ft | lead | mg/kg | 73 | 73 | 100 | 2.84 | 34.5 | 10.22 | 8.544 | -- | -- | 14.58 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte05ft | naphthalene | mg/kg | 36 | 73 | 49 | 0.0012 | 0.055 | 0.0112 | 0.0137 | 0.00024 | 0.00039 | 0.00845 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte05ft | pyrene | mg/kg | 67 | 73 | 92 | 0.0011 | 0.26 | 0.0326 | 0.0478 | 0.0008 | 0.0008 | 0.0537 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte05ft | toluene | µg/kg | 31 | 73 | 42 | 0.13 | 14 | 1.238 | 2.626 | 0.098 | 0.15 | 1.013 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte05ft | tph as diesel | mg/kg | 56 | 73 | 77 | 5.2 | 580 | 123.8 | 138.1 | 4.8 | 4.8 | 163.1 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte05ft | tph as gasoline | mg/kg | 35 | 73 | 48 | 0.047 | 3.9 | 0.33 | 0.733 | 0.045 | 0.063 | 0.293 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte05ft | tph as motor oil | mg/kg | 60 | 73 | 82 | 7.4 | 2900 | 421.1 | 523.9 | 7 | 7 | 603 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24825 neptune ave | lte05ft | vanadium | mg/kg | 73 | 73 | 100 | 18.8 | 31.7 | 23.54 | 3.297 | -- | -- | 24.19 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte05ft | zinc | mg/kg | 73 | 73 | 100 | 20.9 | 125 | 37.86 | 19.49 | -- | -- | 41.78 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 98 | 6.1 | 0.1 | 0.47 | 0.217 | 0.133 | 0.077 | 0.12 | 0.192 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 22 | 98 | 22 | 0.0011 | 0.035 | 0.00653 | 0.00885 | 0.0011 | 0.021 | 0.00323 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 75 | 98 | 77 | 0.0006 | 0.11 | 0.00931 | 0.016 | 0.0006 | 0.0006 | 0.0136 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | arsenic | mg/kg | 98 | 98 | 100 | 1.47 | 6.45 | 3.425 | 1.139 | -- | -- | 3.617 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | bap teq | mg/kg | 83 | 98 | 85 | 0.000544 | 0.287 | 0.0243 | 0.0451 | 0.00053 | 0.00053 | 0.0393 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte10ft | benzene | µg/kg | 35 | 98 | 36 | 0.1 | 0.66 | 0.178 | 0.12 | 0.1 | 0.13 | 0.145 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 77 | 98 | 79 | 0.0007 | 0.19 | 0.0195 | 0.0334 | 0.0007 | 0.0007 | 0.0289 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 79 | 98 | 81 | 0.0006 | 0.22 | 0.0187 | 0.035 | 0.0005 | 0.0005 | 0.0294 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 73 | 98 | 74 | 0.0005 | 0.069 | 0.0098 | 0.0142 | 0.0004 | 0.0004 | 0.0131 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 29 | 98 | 30 | 0.0011 | 0.037 | 0.00746 | 0.00999 | 0.0011 | 0.023 | 0.00427 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | bromomethane | µg/kg | 5 | 98 | 5.1 | 1.5 | 3.5 | 2.56 | 0.754 | 1.2 | 2.2 | 2.724 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | lte10ft | cadmium | mg/kg | 58 | 98 | 59 | 0.0884 | 0.823 | 0.161 | 0.116 | 0.0099 | 0.0883 | 0.148 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 28 | 98 | 29 | 0.086 | 0.48 | 0.293 | 0.0897 | 0.22 | 0.22 | 0.219 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24825 neptune ave | lte10ft | chrysene | mg/kg | 82 | 98 | 84 | 0.0013 | 0.49 | 0.0473 | 0.0857 | 0.0012 | 0.0012 | 0.0751 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | cobalt | mg/kg | 98 | 98 | 100 | 5.41 | 9.66 | 6.996 | 0.839 | -- | -- | 7.136 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24825 neptune ave | lte10ft | copper | mg/kg | 98 | 98 | 100 | 6.07 | 24.9 | 9.136 | 2.576 | -- | -- | 9.581 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 61 | 98 | 62 | 0.0007 | 0.076 | 0.00865 | 0.0137 | 0.0007 | 0.0027 | 0.0107 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 58 | 98 | 59 | 0.0009 | 0.066 | 0.00943 | 0.0129 | 0.0009 | 0.0035 | 0.0107 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | lead | mg/kg | 98 | 98 | 100 | 2.84 | 34.5 | 8.725 | 7.812 | -- | -- | 12.16 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | naphthalene | mg/kg | 48 | 98 | 49 | 0.001 | 0.055 | 0.0106 | 0.0132 | 0.00024 | 0.00039 | 0.00745 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | pyrene | mg/kg | 88 | 98 | 90 | 0.001 | 0.26 | 0.0259 | 0.0433 | 0.0008 | 0.0008 | 0.0418 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte10ft | toluene | µg/kg | 38 | 98 | 39 | 0.13 | 14 | 1.171 | 2.398 | 0.098 | 0.15 | 0.809 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | tph as diesel | mg/kg | 64 | 98 | 65 | 5 | 580 | 110.7 | 133.8 | 4.8 | 4.8 | 94.81 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24825 neptune ave | lte10ft | tph as gasoline | mg/kg | 40 | 98 | 41 | 0.046 | 3.9 | 0.304 | 0.688 | 0.045 | 0.063 | 0.238 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | tph as motor oil | mg/kg | 73 | 98 | 74 | 7.4 | 2900 | 354.1 | 496.2 | 7 | 7 | 465.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24825 neptune ave | lte10ft | vanadium | mg/kg | 98 | 98 | 100 | 18.8 | 35.1 | 25.39 | 4.39 | -- | -- | 26.13 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24825 neptune ave | lte10ft | zinc | mg/kg | 98 | 98 | 100 | 20.9 | 125 | 35.75 | 17.24 | -- | -- | 38.73 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.00064 | 0.005 | 0.00157 | 0.00173 | 0.0006 | 0.0006 | 0.00241 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 1.09 | 3.77 | 2.236 | 0.819 | -- | -- | 2.785 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | gt05lte10ft | bap teq | mg/kg | 7 | 8 | 88 | 0.00117 | 0.00733 | 0.00327 | 0.00245 | 0.0005134 | 0.0005134 | 0.00446 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24828 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 8 | 88 | 0.0012 | 0.0094 | 0.00303 | 0.00284 | 0.00065 | 0.00065 | 0.00701 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.00074 | 0.0054 | 0.00238 | 0.00184 | 0.00049 | 0.00049 | 0.00339 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 8 | 75 | 0.00064 | 0.0033 | 0.00173 | 0.00117 | 0.00035 | 0.00035 | 0.00222 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | gt05lte10ft | cadmium | mg/kg | 8 | 8 | 100 | 0.0978 | 0.167 | 0.126 | 0.0225 | -- | -- | 0.141 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | gt05lte10ft | chrysene | mg/kg | 7 | 8 | 88 | 0.0026 | 0.024 | 0.0062 | 0.00787 | 0.0012 | 0.0012 | 0.0173 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 4.91 | 9.49 | 7.928 | 1.392 | -- | -- | 8.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 5.04 | 8.53 | 7.169 | 1.196 | -- | -- | 7.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 2.6 | 9.53 | 3.809 | 2.333 | -- | -- | 5.504 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | gt05lte10ft | pyrene | mg/kg | 7 | 8 | 88 | 0.0017 | 0.038 | 0.00933 | 0.0128 | 0.00082 | 0.00082 | 0.0273 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24828 panama ave | gt05lte10ft | tert-butyl alcohol (tba) | µg/kg | 6 | 8 | 75 | 4.6 | 17 | 10.48 | 4.866 | 3.9 | 4 | 12.4 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 16 | 33.5 | 25.6 | 5.274 | -- | -- | 29.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 18.7 | 30.2 | 25.61 | 3.725 | -- | -- | 28.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 17 | 88 | 0.0039 | 0.036 | 0.0195 | 0.011 | 0.012 | 0.72 | 0.0236 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte02ft | arsenic | mg/kg | 17 | 17 | 100 | 1.35 | 3.64 | 2.374 | 0.633 | -- | -- | 2.642 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte02ft | bap teq | mg/kg | 17 | 17 | 100 | 0.00789 | 2.862 | 0.219 | 0.682 | -- | -- | 0.94 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte02ft | benzene | µg/kg | 7 | 17 | 41 | 0.11 | 0.45 | 0.216 | 0.123 | 0.1 | 0.14 | 0.205 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 17 | 17 | 100 | 0.0085 | 1.8 | 0.157 | 0.425 | -- | -- | 0.606 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 17 | 17 | 100 | 0.0056 | 2.3 | 0.172 | 0.549 | -- | -- | 0.752 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 17 | 94 | 0.0031 | 1.1 | 0.0915 | 0.269 | 0.0018 | 0.0018 | 0.363 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte02ft | cadmium | mg/kg | 17 | 17 | 100 | 0.113 | 0.577 | 0.217 | 0.115 | -- | -- | 0.266 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24828 panama ave | lte02ft | chrysene | mg/kg | 17 | 17 | 100 | 0.02 | 9.4 | 0.71 | 2.244 | -- | -- | 3.082 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte02ft | cobalt | mg/kg | 17 | 17 | 100 | 5.28 | 8.66 | 6.259 | 0.791 | -- | -- | 6.593 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24828 panama ave | lte02ft | copper | mg/kg | 17 | 17 | 100 | 5.96 | 17.5 | 9.312 | 2.911 | -- | -- | 10.55 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24828 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 17 | 47 | 0.0017 | 0.023 | 0.0122 | 0.00756 | 0.0034 | 0.41 | 0.0126 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 17 | 76 | 0.0024 | 0.8 | 0.0775 | 0.217 | 0.017 | 0.035 | 0.265 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte02ft | lead | mg/kg | 17 | 17 | 100 | 2.6 | 191 | 18.92 | 44.49 | -- | -- | 65.96 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte02ft | naphthalene | mg/kg | 6 | 17 | 35 | 0.0033 | 0.021 | 0.00995 | 0.0065 | 0.00063 | 0.00085 | 0.00971 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte02ft | pyrene | mg/kg | 17 | 17 | 100 | 0.012 | 8.9 | 0.657 | 2.128 | -- | -- | 2.906 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte02ft | tert-butyl alcohol (tba) | µg/kg | 13 | 17 | 76 | 4.1 | 17 | 9.415 | 3.99 | 4.2 | 5.2 | 9.947 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte02ft | tph as diesel | mg/kg | 17 | 17 | 100 | 7.2 | 12000 | 960.2 | 2859 | -- | -- | 3983 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte02ft | tph as motor oil | mg/kg | 17 | 17 | 100 | 25 | 35000 | 2592 | 8362 | -- | -- | 11431 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte02ft | vanadium | mg/kg | 17 | 17 | 100 | 17.3 | 30.9 | 22.79 | 3.208 | -- | -- | 24.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte02ft | zinc | mg/kg | 17 | 17 | 100 | 21.2 | 45.7 | 32.98 | 6.501 | -- | -- | 35.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 28 | 25 | 0.0016 | 0.11 | 0.0246 | 0.0411 | 0.0011 | 0.86 | 0.0168 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24828 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 28 | 89 | 0.0014 | 0.25 | 0.0275 | 0.0514 | 0.012 | 0.72 | 0.0699 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | arsenic | mg/kg | 28 | 28 | 100 | 0.553 | 3.64 | 1.774 | 0.923 | -- | -- | 2.534 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte05ft | bap teq | mg/kg | 28 | 28 | 100 | 0.0005204 | 2.862 | 0.242 | 0.627 | -- | -- | 0.759 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | benzene | µg/kg | 11 | 28 | 39 | 0.11 | 0.46 | 0.245 | 0.124 | 0.1 | 0.14 | 0.208 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 26 | 28 | 93 | 0.00092 | 1.8 | 0.228 | 0.52 | 0.00065 | 0.00065 | 0.628 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 27 | 28 | 96 | 0.00088 | 2.3 | 0.192 | 0.5 | 0.00049 | 0.00049 | 0.59 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 25 | 28 | 89 | 0.00067 | 1.1 | 0.102 | 0.247 | 0.00035 | 0.0018 | 0.285 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | cadmium | mg/kg | 28 | 28 | 100 | 0.103 | 0.577 | 0.188 | 0.102 | -- | -- | 0.222 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte05ft | chrysene | mg/kg | 27 | 28 | 96 | 0.0013 | 9.4 | 0.778 | 2.048 | 0.0012 | 0.0012 | 2.411 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 3.53 | 8.66 | 5.55 | 1.117 | -- | -- | 5.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte05ft | copper | mg/kg | 28 | 28 | 100 | 5.18 | 17.5 | 8.61 | 3.186 | -- | -- | 9.632 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24828 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 28 | 43 | 0.0007 | 0.044 | 0.012 | 0.0128 | 0.00067 | 0.54 | 0.0104 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24828 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 28 | 71 | 0.00098 | 0.8 | 0.0548 | 0.176 | 0.00087 | 0.69 | 0.165 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | lead | mg/kg | 28 | 28 | 100 | 1.78 | 191 | 18.3 | 37.43 | -- | -- | 49.13 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte05ft | naphthalene | mg/kg | 13 | 28 | 46 | 0.0012 | 0.03 | 0.0078 | 0.00885 | 0.00063 | 0.00085 | 0.0065 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24828 panama ave | lte05ft | pyrene | mg/kg | 28 | 28 | 100 | 0.0016 | 8.9 | 0.995 | 2.608 | -- | -- | 3.143 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | tert-butyl alcohol (tba) | µg/kg | 21 | 28 | 75 | 4.1 | 19 | 10.02 | 4.159 | 4.1 | 5.2 | 10.06 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte05ft | tph as diesel | mg/kg | 23 | 28 | 82 | 5.3 | 91000 | 5768 | 19352 | 4.8 | 4.8 | 19306 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | tph as gasoline | mg/kg | 5 | 28 | 18 | 0.099 | 17 | 3.7 | 7.437 | 0.048 | 0.42 | 3.626 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | tph as motor oil | mg/kg | 24 | 28 | 86 | 9.4 | 150000 | 9760 | 31500 | 7 | 7 | 32562 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 12.5 | 30.9 | 19.98 | 4.733 | -- | -- | 21.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 17 | 85.8 | 33.11 | 16.09 | -- | -- | 38.15 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24828 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 36 | 25 | 0.0014 | 0.11 | 0.0199 | 0.0368 | 0.0011 | 0.86 | 0.0228 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 31 | 36 | 86 | 0.00064 | 0.25 | 0.0225 | 0.0471 | 0.0006 | 0.72 | 0.0546 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24828 panama ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 0.553 | 3.77 | 1.877 | 0.911 | -- | -- | 2.133 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte10ft | bap teq | mg/kg | 35 | 36 | 97 | 0.0005204 | 2.862 | 0.195 | 0.567 | 0.0005134 | 0.0005134 | 0.596 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte10ft | benzene | µg/kg | 12 | 36 | 33 | 0.11 | 0.46 | 0.238 | 0.121 | 0.099 | 0.14 | 0.179 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24828 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 33 | 36 | 92 | 0.00092 | 1.8 | 0.18 | 0.469 | 0.00065 | 0.00065 | 0.494 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 34 | 36 | 94 | 0.00074 | 2.3 | 0.153 | 0.45 | 0.00049 | 0.00049 | 0.463 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 31 | 36 | 86 | 0.00064 | 1.1 | 0.0824 | 0.225 | 0.00035 | 0.0018 | 0.224 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 36 | 14 | 0.0013 | 0.019 | 0.0118 | 0.00851 | 0.0011 | 0.9 | 0.0173 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte10ft | cadmium | mg/kg | 36 | 36 | 100 | 0.0978 | 0.577 | 0.174 | 0.094 | -- | -- | 0.202 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte10ft | chrysene | mg/kg | 34 | 36 | 94 | 0.0013 | 9.4 | 0.619 | 1.845 | 0.0012 | 0.0012 | 1.891 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 3.53 | 9.49 | 6.079 | 1.535 | -- | -- | 6.511 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24828 panama ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 5.04 | 17.5 | 8.29 | 2.913 | -- | -- | 9.082 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24828 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 36 | 33 | 0.0007 | 0.044 | 0.012 | 0.0128 | 0.00067 | 0.54 | 0.00796 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24828 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 36 | 64 | 0.00098 | 0.8 | 0.048 | 0.165 | 0.00087 | 0.69 | 0.129 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 1.78 | 191 | 15.08 | 33.45 | -- | -- | 39.38 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte10ft | naphthalene | mg/kg | 17 | 36 | 47 | 0.0011 | 0.03 | 0.00657 | 0.00801 | 0.00063 | 0.00085 | 0.00542 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24828 panama ave | lte10ft | pyrene | mg/kg | 35 | 36 | 97 | 0.0016 | 8.9 | 0.798 | 2.358 | 0.00082 | 0.00082 | 2.468 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24828 panama ave | lte10ft | tert-butyl alcohol (tba) | µg/kg | 27 | 36 | 75 | 4.1 | 19 | 10.12 | 4.231 | 3.9 | 5.2 | 10.04 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte10ft | tph as diesel | mg/kg | 24 | 36 | 67 | 5.3 | 91000 | 5528 | 18963 | 4.8 | 4.8 | 15101 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte10ft | tph as gasoline | mg/kg | 5 | 36 | 14 | 0.099 | 17 | 3.7 | 7.437 | 0.048 | 0.42 | 2.853 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte10ft | tph as motor oil | mg/kg | 25 | 36 | 69 | 9.4 | 150000 | 9371 | 30898 | 7 | 7 | 25488 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24828 panama ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 12.5 | 33.5 | 21.23 | 5.335 | -- | -- | 22.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24828 panama ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 17 | 85.8 | 31.44 | 14.57 | -- | -- | 35.71 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 10 | 100 | 0.45 | 4400 | 641.2 | 1363 | -- | -- | 3032 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 10 | 100 | 0.12 | 200 | 56.31 | 81.31 | -- | -- | 200 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.014 | 8.3 | 2.31 | 2.65 | -- | -- | 5.888 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.011 | 14 | 3.512 | 4.438 | -- | -- | 9.488 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 1.4 | 3.27 | 2.355 | 0.667 | -- | -- | 2.742 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.00881 | 0.225 | 0.107 | 0.0731 | -- | -- | 0.149 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | benzene | µg/kg | 9 | 10 | 90 | 0.14 | 91 | 15.81 | 28.8 | 12 | 12 | 52.73 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.014 | 0.26 | 0.131 | 0.0934 | -- | -- | 0.185 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 10 | 90 | 0.0095 | 0.17 | 0.0858 | 0.0495 | 0.0049 | 0.0049 | 0.109 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 10 | 60 | 0.006 | 0.094 | 0.0358 | 0.0302 | 0.0035 | 0.07 | 0.0423 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.038 | 0.98 | 0.351 | 0.316 | -- | -- | 0.535 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.44 | 8.24 | 6.858 | 1.049 | -- | -- | 7.466 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 6.69 | 9.73 | 8.189 | 1.059 | -- | -- | 8.803 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 0.25 | 920 | 132.6 | 279.9 | -- | -- | 521.9 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 4.83 | 9.12 | 6.442 | 1.321 | -- | -- | 7.208 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.0058 | 4.4 | 1.175 | 1.466 | -- | -- | 3.145 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.028 | 1.3 | 0.551 | 0.395 | -- | -- | 0.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | toluene | µg/kg | 5 | 10 | 50 | 0.26 | 1.5 | 0.776 | 0.542 | 0.14 | 14 | 1.094 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 57 | 5000 | 1848 | 1648 | -- | -- | 2803 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 1.7 | 280 | 92.47 | 99.4 | -- | -- | 201.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 94 | 4800 | 2012 | 1656 | -- | -- | 2973 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 19.6 | 31.8 | 26.09 | 5.074 | -- | -- | 29.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | xylenes, total | µg/kg | 10 | 10 | 100 | 0.75 | 1200 | 162.7 | 366.9 | -- | -- | 670 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 22.4 | 29.5 | 26.5 | 2.472 | -- | -- | 27.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 26 | 27 | 0.23 | 0.56 | 0.346 | 0.145 | 0.088 | 0.11 | 0.304 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 11 | 26 | 42 | 0.0021 | 0.13 | 0.0341 | 0.0479 | 0.0011 | 0.043 | 0.0281 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 25 | 26 | 96 | 0.001 | 0.27 | 0.0329 | 0.0558 | 0.024 | 0.024 | 0.0789 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte02ft | arsenic | mg/kg | 26 | 26 | 100 | 1.09 | 4.04 | 2.22 | 0.639 | -- | -- | 2.434 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | lte02ft | bap teq | mg/kg | 26 | 26 | 100 | 0.00161 | 1.036 | 0.0964 | 0.201 | -- | -- | 0.159 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte02ft | benzene | µg/kg | 15 | 26 | 58 | 0.11 | 0.5 | 0.25 | 0.126 | 0.1 | 0.13 | 0.231 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 26 | 26 | 100 | 0.0036 | 1.2 | 0.109 | 0.233 | -- | -- | 0.308 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24829 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 25 | 26 | 96 | 0.0022 | 0.76 | 0.0738 | 0.151 | 0.001 | 0.001 | 0.198 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 23 | 26 | 88 | 0.0023 | 0.33 | 0.0381 | 0.0679 | 0.0007 | 0.014 | 0.0896 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 11 | 26 | 42 | 0.0016 | 0.17 | 0.0195 | 0.05 | 0.0011 | 0.045 | 0.0231 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte02ft | chrysene | mg/kg | 26 | 26 | 100 | 0.0076 | 2.9 | 0.274 | 0.561 | -- | -- | 0.449 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte02ft | cobalt | mg/kg | 26 | 26 | 100 | 5.64 | 9.68 | 6.86 | 0.951 | -- | -- | 7.18 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte02ft | copper | mg/kg | 26 | 26 | 100 | 6.42 | 11.8 | 8.828 | 1.216 | -- | -- | 9.235 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 18 | 26 | 69 | 0.0011 | 0.18 | 0.0209 | 0.0414 | 0.0013 | 0.027 | 0.0286 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 26 | 81 | 0.0014 | 0.16 | 0.0191 | 0.0342 | 0.0017 | 0.035 | 0.0432 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24829 panama ave | lte02ft | lead | mg/kg | 26 | 26 | 100 | 4.82 | 24 | 8.339 | 4.363 | -- | -- | 9.872 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte02ft | naphthalene | mg/kg | 19 | 26 | 73 | 0.00062 | 0.11 | 0.0168 | 0.0256 | 0.00025 | 0.00031 | 0.0321 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte02ft | pyrene | mg/kg | 26 | 26 | 100 | 0.0045 | 2.2 | 0.204 | 0.434 | -- | -- | 0.575 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24829 panama ave | lte02ft | toluene | µg/kg | 10 | 26 | 38 | 0.16 | 0.55 | 0.304 | 0.127 | 0.11 | 0.13 | 0.265 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | lte02ft | tph as diesel | mg/kg | 26 | 26 | 100 | 5 | 6300 | 478.4 | 1214 | -- | -- | 806.7 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte02ft | tph as motor oil | mg/kg | 26 | 26 | 100 | 20 | 9300 | 854.6 | 1771 | -- | -- | 1331 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte02ft | vanadium | mg/kg | 26 | 26 | 100 | 18.4 | 30.7 | 23.57 | 3.219 | -- | -- | 24.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | lte02ft | zinc | mg/kg | 26 | 26 | 100 | 22 | 121 | 36.13 | 23.93 | -- | -- | 44.63 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24829 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 38 | 42 | 0.14 | 860 | 54.34 | 214.8 | 0.088 | 0.11 | 123.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 38 | 13 | 0.14 | 210 | 42.54 | 93.62 | 0.073 | 0.094 | 32.27 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24829 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 18 | 38 | 47 | 0.0014 | 1.1 | 0.137 | 0.27 | 0.0011 | 0.043 | 0.12 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 37 | 38 | 97 | 0.001 | 1.6 | 0.104 | 0.278 | 0.024 | 0.024 | 0.296 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24829 panama ave | lte05ft | antimony | mg/kg | 5 | 38 | 13 | 0.393 | 0.679 | 0.576 | 0.11 | 0.306 | 0.306 | 0.617 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | lte05ft | arsenic | mg/kg | 38 | 38 | 100 | 0.888 | 8.67 | 2.308 | 1.237 | -- | -- | 2.667 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte05ft | bap teq | mg/kg | 38 | 38 | 100 | 0.00161 | 1.036 | 0.0952 | 0.168 | -- | -- | 0.135 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | benzene | µg/kg | 25 | 38 | 66 | 0.11 | 22 | 1.131 | 4.349 | 0.1 | 0.13 | 3.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 38 | 38 | 100 | 0.0036 | 1.2 | 0.104 | 0.195 | -- | -- | 0.15 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 37 | 38 | 97 | 0.0022 | 0.76 | 0.072 | 0.125 | 0.001 | 0.001 | 0.157 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 35 | 38 | 92 | 0.0023 | 0.33 | 0.0393 | 0.0568 | 0.0007 | 0.014 | 0.0757 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 16 | 38 | 42 | 0.0016 | 0.17 | 0.0181 | 0.0414 | 0.0011 | 0.045 | 0.0175 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte05ft | chrysene | mg/kg | 38 | 38 | 100 | 0.0076 | 2.9 | 0.296 | 0.491 | -- | -- | 0.426 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | cobalt | mg/kg | 38 | 38 | 100 | 5.33 | 9.68 | 6.862 | 1.071 | -- | -- | 7.154 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte05ft | copper | mg/kg | 38 | 38 | 100 | 6.42 | 18.1 | 9.084 | 2.008 | -- | -- | 9.602 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 25 | 38 | 66 | 0.0008 | 0.18 | 0.019 | 0.0355 | 0.0013 | 0.027 | 0.0243 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | ethylbenzene | µg/kg | 6 | 38 | 16 | 0.15 | 290 | 48.68 | 118.2 | 0.11 | 0.15 | 43.75 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 29 | 38 | 76 | 0.0014 | 0.16 | 0.0188 | 0.0296 | 0.0017 | 0.035 | 0.0349 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | lead | mg/kg | 38 | 38 | 100 | 4.44 | 24 | 8.102 | 4.057 | -- | -- | 9.256 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte05ft | naphthalene | mg/kg | 29 | 38 | 76 | 0.00029 | 1.3 | 0.0616 | 0.24 | 0.00025 | 0.00031 | 0.197 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24829 panama ave | lte05ft | pyrene | mg/kg | 38 | 38 | 100 | 0.0045 | 2.2 | 0.293 | 0.44 | -- | -- | 0.442 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte05ft | toluene | µg/kg | 16 | 38 | 42 | 0.15 | 0.55 | 0.268 | 0.113 | 0.11 | 11 | 0.228 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | tph as diesel | mg/kg | 38 | 38 | 100 | 5 | 6300 | 516.6 | 1040 | -- | -- | 756.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | tph as gasoline | mg/kg | 15 | 38 | 39 | 0.059 | 160 | 21.8 | 44.02 | 0.045 | 0.058 | 16.79 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | tph as motor oil | mg/kg | 38 | 38 | 100 | 20 | 9300 | 925 | 1555 | -- | -- | 1293 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | vanadium | mg/kg | 38 | 38 | 100 | 17.6 | 36.7 | 23.52 | 3.755 | -- | -- | 24.53 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte05ft | xylenes, total | µg/kg | 13 | 38 | 34 | 0.16 | 300 | 23.67 | 83.03 | 0.15 | 0.19 | 43.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte05ft | zinc | mg/kg | 38 | 38 | 100 | 21.2 | 121 | 33.64 | 20.28 | -- | -- | 39.51 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 26 | 48 | 54 | 0.14 | 4400 | 280.1 | 883.8 | 0.088 | 0.11 | 570.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 15 | 48 | 31 | 0.12 | 210 | 51.72 | 82.46 | 0.073 | 0.094 | 28.92 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 28 | 48 | 58 | 0.0014 | 8.3 | 0.913 | 1.874 | 0.0011 | 0.043 | 0.942 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 47 | 48 | 98 | 0.001 | 14 | 0.829 | 2.43 | 0.024 | 0.024 | 2.326 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24829 panama ave | lte10ft | antimony | mg/kg | 7 | 48 | 15 | 0.377 | 0.679 | 0.548 | 0.117 | 0.306 | 0.306 | 0.582 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24829 panama ave | lte10ft | arsenic | mg/kg | 48 | 48 | 100 | 0.888 | 8.67 | 2.318 | 1.136 | -- | -- | 2.554 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte10ft | bap teq | mg/kg | 48 | 48 | 100 | 0.00161 | 1.036 | 0.0977 | 0.152 | -- | -- | 0.131 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | benzene | µg/kg | 34 | 48 | 71 | 0.11 | 91 | 5.016 | 16.07 | 0.1 | 12 | 12.22 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 48 | 48 | 100 | 0.0036 | 1.2 | 0.11 | 0.178 | -- | -- | 0.148 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 46 | 48 | 96 | 0.0022 | 0.76 | 0.0747 | 0.114 | 0.001 | 0.0049 | 0.142 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 41 | 48 | 85 | 0.0023 | 0.33 | 0.0388 | 0.0534 | 0.0007 | 0.07 | 0.0662 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 17 | 48 | 35 | 0.0016 | 0.17 | 0.0198 | 0.0407 | 0.0011 | 0.23 | 0.017 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24829 panama ave | lte10ft | chrysene | mg/kg | 48 | 48 | 100 | 0.0076 | 2.9 | 0.307 | 0.457 | -- | -- | 0.416 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | cobalt | mg/kg | 48 | 48 | 100 | 5.33 | 9.68 | 6.861 | 1.055 | -- | -- | 7.117 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | copper | mg/kg | 48 | 48 | 100 | 6.42 | 18.1 | 8.897 | 1.877 | -- | -- | 9.323 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 27 | 48 | 56 | 0.0008 | 0.18 | 0.0182 | 0.0342 | 0.0013 | 0.13 | 0.0197 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | ethylbenzene | µg/kg | 16 | 48 | 33 | 0.15 | 920 | 101.1 | 231.1 | 0.11 | 0.15 | 68.25 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 31 | 48 | 65 | 0.0014 | 0.16 | 0.0183 | 0.0287 | 0.0017 | 0.17 | 0.0223 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | lead | mg/kg | 48 | 48 | 100 | 4.44 | 24 | 7.756 | 3.709 | -- | -- | 8.69 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte10ft | naphthalene | mg/kg | 39 | 48 | 81 | 0.00029 | 4.4 | 0.347 | 0.891 | 0.00025 | 0.00031 | 0.795 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24829 panama ave | lte10ft | pyrene | mg/kg | 48 | 48 | 100 | 0.0045 | 2.2 | 0.346 | 0.44 | -- | -- | 0.487 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte10ft | toluene | µg/kg | 21 | 48 | 44 | 0.15 | 1.5 | 0.389 | 0.343 | 0.11 | 14 | 0.336 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte10ft | tph as diesel | mg/kg | 48 | 48 | 100 | 5 | 6300 | 794 | 1292 | -- | -- | 1129 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24829 panama ave | lte10ft | tph as gasoline | mg/kg | 25 | 48 | 52 | 0.059 | 280 | 50.07 | 78 | 0.045 | 0.058 | 40.37 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | tph as motor oil | mg/kg | 48 | 48 | 100 | 20 | 9300 | 1152 | 1621 | -- | -- | 1554 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24829 panama ave | lte10ft | vanadium | mg/kg | 48 | 48 | 100 | 17.6 | 36.7 | 24.05 | 4.141 | -- | -- | 25.08 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24829 panama ave | lte10ft | xylenes, total | µg/kg | 23 | 48 | 48 | 0.16 | 1200 | 84.1 | 252.6 | 0.15 | 0.19 | 153.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24829 panama ave | lte10ft | zinc | mg/kg | 48 | 48 | 100 | 21.2 | 121 | 32.15 | 18.26 | -- | -- | 36.84 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24832 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 10 | 60 | 0.0015 | 0.028 | 0.00975 | 0.0101 | 0.0011 | 0.0011 | 0.0118 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 0.0006 | 0.082 | 0.0178 | 0.0286 | -- | -- | 0.0495 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 0.727 | 2.53 | 1.593 | 0.576 | -- | -- | 1.926 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24832 panama ave | gt05lte10ft | bap teq | mg/kg | 9 | 10 | 90 | 0.00163 | 0.167 | 0.0238 | 0.0539 | 0.00053 | 0.00053 | 0.0927 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 9 | 10 | 90 | 0.0018 | 0.22 | 0.0294 | 0.0715 | 0.0007 | 0.0007 | 0.121 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24832 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 10 | 90 | 0.0011 | 0.12 | 0.0171 | 0.0386 | 0.0005 | 0.0005 | 0.0666 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 10 | 90 | 0.0007 | 0.059 | 0.00892 | 0.0188 | 0.0004 | 0.0004 | 0.033 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 10 | 60 | 0.0014 | 0.036 | 0.0082 | 0.0137 | 0.0011 | 0.0011 | 0.0209 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | chrysene | mg/kg | 9 | 10 | 90 | 0.0035 | 0.51 | 0.0689 | 0.166 | 0.0012 | 0.0012 | 0.281 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 6.33 | 14 | 8.764 | 2.807 | -- | -- | 10.51 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 5.96 | 9.2 | 7.414 | 1.088 | -- | -- | 8.045 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 10 | 50 | 0.0008 | 0.022 | 0.00544 | 0.00926 | 0.0007 | 0.0007 | 0.00928 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24832 panama ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 10 | 70 | 0.0011 | 0.031 | 0.00609 | 0.011 | 0.0009 | 0.0009 | 0.0178 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24832 panama ave | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 4.19 | 10.1 | 5.787 | 1.833 | -- | -- | 6.915 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | naphthalene | mg/kg | 9 | 10 | 90 | 0.0009 | 0.075 | 0.0151 | 0.0244 | 0.00027 | 0.00027 | 0.0462 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | pyrene | mg/kg | 9 | 10 | 90 | 0.0024 | 0.34 | 0.0474 | 0.11 | 0.0008 | 0.0008 | 0.188 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | tph as diesel | mg/kg | 5 | 10 | 50 | 9.3 | 440 | 108.5 | 185.6 | 4.8 | 4.8 | 153.8 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 6 | 10 | 60 | 15 | 620 | 146 | 235.3 | 7 | 7 | 218.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 20.7 | 33.4 | 25.53 | 4.322 | -- | -- | 28.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 19.8 | 32.4 | 26.03 | 4.096 | -- | -- | 28.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 18 | 33 | 0.34 | 2 | 0.768 | 0.634 | 0.086 | 0.12 | 0.658 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 18 | 33 | 0.0035 | 0.059 | 0.0243 | 0.02 | 0.0054 | 0.021 | 0.0252 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 18 | 94 | 0.0044 | 0.2 | 0.0408 | 0.0508 | 0.003 | 0.003 | 0.0902 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | lte02ft | antimony | mg/kg | 6 | 18 | 33 | 0.308 | 0.627 | 0.486 | 0.111 | 0.306 | 0.306 | 0.504 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.24 | 3.9 | 2.188 | 0.791 | -- | -- | 2.512 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00915 | 0.355 | 0.0751 | 0.0885 | -- | -- | 0.115 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | benzene | µg/kg | 12 | 18 | 67 | 0.12 | 0.35 | 0.226 | 0.0712 | 0.1 | 0.13 | 0.228 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 18 | 18 | 100 | 0.0056 | 0.31 | 0.0668 | 0.0838 | -- | -- | 0.107 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 18 | 18 | 100 | 0.0064 | 0.26 | 0.0543 | 0.0639 | -- | -- | 0.0826 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 18 | 18 | 100 | 0.0043 | 0.17 | 0.0358 | 0.0419 | -- | -- | 0.0548 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 18 | 50 | 0.0083 | 0.047 | 0.0239 | 0.0122 | 0.0023 | 0.023 | 0.0234 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | cadmium | mg/kg | 9 | 18 | 50 | 0.0899 | 0.402 | 0.172 | 0.096 | 0.0883 | 0.0883 | 0.164 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.015 | 0.95 | 0.194 | 0.252 | -- | -- | 0.323 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 6.18 | 8.58 | 6.917 | 0.606 | -- | -- | 7.165 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 7.24 | 19.7 | 10.03 | 2.855 | -- | -- | 11.15 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 12 | 18 | 67 | 0.0035 | 0.083 | 0.0209 | 0.0252 | 0.0013 | 0.013 | 0.025 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 18 | 89 | 0.003 | 0.086 | 0.022 | 0.0219 | 0.0043 | 0.017 | 0.0296 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 5.22 | 23.7 | 11.83 | 6.467 | -- | -- | 14.72 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | lte02ft | naphthalene | mg/kg | 13 | 18 | 72 | 0.0013 | 0.071 | 0.0257 | 0.0243 | 0.00025 | 0.00034 | 0.0432 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0088 | 0.91 | 0.153 | 0.225 | -- | -- | 0.384 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte02ft | toluene | µg/kg | 8 | 18 | 44 | 0.13 | 0.53 | 0.265 | 0.145 | 0.11 | 0.16 | 0.239 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | tph as diesel | mg/kg | 18 | 18 | 100 | 48 | 1700 | 293.2 | 377 | -- | -- | 441.9 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | tph as gasoline | mg/kg | 5 | 18 | 28 | 0.062 | 0.16 | 0.108 | 0.0411 | 0.047 | 0.062 | 0.11 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 120 | 2800 | 655.6 | 629.4 | -- | -- | 925.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 20.2 | 33.1 | 24.98 | 3.32 | -- | -- | 26.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | vinyl chloride | µg/kg | 6 | 18 | 33 | 0.24 | 0.49 | 0.345 | 0.0912 | 0.16 | 0.23 | 0.338 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | xylenes, total | µg/kg | 6 | 18 | 33 | 0.19 | 2.4 | 0.83 | 0.827 | 0.15 | 0.21 | 0.832 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 23.2 | 79.5 | 35.96 | 12.98 | -- | -- | 40.97 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 28 | 32 | 0.34 | 2 | 0.722 | 0.515 | 0.086 | 0.12 | 0.575 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 28 | 18 | 0.13 | 0.43 | 0.212 | 0.124 | 0.073 | 0.1 | 0.165 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 11 | 28 | 39 | 0.0017 | 0.059 | 0.0194 | 0.0214 | 0.0011 | 0.021 | 0.0144 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 26 | 28 | 93 | 0.0009 | 0.29 | 0.0398 | 0.0672 | 0.0006 | 0.003 | 0.091 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte05ft | antimony | mg/kg | 7 | 28 | 25 | 0.308 | 0.627 | 0.467 | 0.114 | 0.306 | 0.306 | 0.458 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte05ft | arsenic | mg/kg | 27 | 28 | 96 | 0.536 | 3.9 | 1.777 | 0.898 | 0.398 | 0.398 | 2.026 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte05ft | bap teq | mg/kg | 28 | 28 | 100 | 0.00221 | 0.8 | 0.0822 | 0.16 | -- | -- | 0.183 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte05ft | benzene | µg/kg | 13 | 28 | 46 | 0.12 | 0.35 | 0.223 | 0.0688 | 0.1 | 0.13 | 0.207 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 28 | 28 | 100 | 0.0016 | 1.3 | 0.0942 | 0.247 | -- | -- | 0.298 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 28 | 28 | 100 | 0.0015 | 0.56 | 0.0589 | 0.113 | -- | -- | 0.132 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 28 | 28 | 100 | 0.0015 | 0.26 | 0.0348 | 0.057 | -- | -- | 0.0699 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 15 | 28 | 54 | 0.0012 | 0.16 | 0.0267 | 0.0391 | 0.0011 | 0.023 | 0.0269 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte05ft | cadmium | mg/kg | 10 | 28 | 36 | 0.0899 | 0.402 | 0.168 | 0.0913 | 0.0883 | 0.0883 | 0.139 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte05ft | chrysene | mg/kg | 28 | 28 | 100 | 0.0021 | 3 | 0.247 | 0.581 | -- | -- | 0.442 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24832 panama ave | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 4.88 | 8.58 | 6.559 | 0.883 | -- | -- | 6.843 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte05ft | copper | mg/kg | 28 | 28 | 100 | 5.89 | 19.7 | 9.178 | 2.711 | -- | -- | 10.01 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 17 | 28 | 61 | 0.0007 | 0.084 | 0.0207 | 0.0275 | 0.0007 | 0.013 | 0.0325 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 26 | 28 | 93 | 0.001 | 0.093 | 0.0188 | 0.0243 | 0.0043 | 0.017 | 0.0373 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte05ft | lead | mg/kg | 28 | 28 | 100 | 3.36 | 23.7 | 9.838 | 6.059 | -- | -- | 11.85 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | lte05ft | naphthalene | mg/kg | 21 | 28 | 75 | 0.001 | 0.11 | 0.0228 | 0.0293 | 0.00025 | 0.00034 | 0.0397 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | lte05ft | pyrene | mg/kg | 28 | 28 | 100 | 0.0024 | 3.1 | 0.219 | 0.595 | -- | -- | 0.71 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte05ft | toluene | µg/kg | 12 | 28 | 43 | 0.13 | 0.53 | 0.243 | 0.128 | 0.11 | 0.16 | 0.212 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte05ft | tph as diesel | mg/kg | 24 | 28 | 86 | 19 | 3300 | 399.3 | 709.3 | 4.8 | 4.8 | 897.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte05ft | tph as gasoline | mg/kg | 7 | 28 | 25 | 0.059 | 0.16 | 0.0987 | 0.0384 | 0.045 | 0.062 | 0.0896 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte05ft | tph as motor oil | mg/kg | 26 | 28 | 93 | 11 | 4500 | 698.1 | 973.1 | 7 | 7 | 1436 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 15 | 33.1 | 22.83 | 4.585 | -- | -- | 24.3 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte05ft | vinyl chloride | µg/kg | 9 | 28 | 32 | 0.24 | 0.49 | 0.332 | 0.0795 | 0.16 | 0.23 | 0.305 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte05ft | xylenes, total | µg/kg | 9 | 28 | 32 | 0.19 | 2.4 | 0.8 | 0.678 | 0.15 | 0.21 | 0.544 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 17.8 | 79.5 | 31.99 | 12.15 | -- | -- | 35.68 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 38 | 32 | 0.3 | 2 | 0.646 | 0.469 | 0.086 | 0.12 | 0.495 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 38 | 18 | 0.12 | 0.43 | 0.187 | 0.11 | 0.073 | 0.1 | 0.147 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 17 | 38 | 45 | 0.0015 | 0.059 | 0.016 | 0.0185 | 0.0011 | 0.021 | 0.0123 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 36 | 38 | 95 | 0.0006 | 0.29 | 0.0337 | 0.0595 | 0.0006 | 0.003 | 0.0732 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte10ft | antimony | mg/kg | 10 | 38 | 26 | 0.308 | 0.849 | 0.509 | 0.168 | 0.306 | 0.306 | 0.427 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte10ft | arsenic | mg/kg | 37 | 38 | 97 | 0.536 | 3.9 | 1.727 | 0.82 | 0.398 | 0.398 | 1.923 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte10ft | bap teq | mg/kg | 37 | 38 | 97 | 0.00163 | 0.8 | 0.068 | 0.143 | 0.00053 | 0.00053 | 0.166 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte10ft | benzene | µg/kg | 13 | 38 | 34 | 0.12 | 0.35 | 0.223 | 0.0688 | 0.1 | 0.13 | 0.196 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 38 | 97 | 0.0016 | 1.3 | 0.0784 | 0.218 | 0.0007 | 0.0007 | 0.229 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 37 | 38 | 97 | 0.0011 | 0.56 | 0.0487 | 0.101 | 0.0005 | 0.0005 | 0.118 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 37 | 38 | 97 | 0.0007 | 0.26 | 0.0285 | 0.0514 | 0.0004 | 0.0004 | 0.0638 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 21 | 38 | 55 | 0.0012 | 0.16 | 0.0214 | 0.0345 | 0.0011 | 0.023 | 0.0207 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | cadmium | mg/kg | 10 | 38 | 26 | 0.0899 | 0.402 | 0.168 | 0.0913 | 0.0883 | 0.0883 | 0.127 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | chrysene | mg/kg | 37 | 38 | 97 | 0.0021 | 3 | 0.204 | 0.515 | 0.0012 | 0.0012 | 0.559 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte10ft | cobalt | mg/kg | 38 | 38 | 100 | 4.88 | 14 | 7.139 | 1.859 | -- | -- | 7.669 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24832 panama ave | lte10ft | copper | mg/kg | 38 | 38 | 100 | 5.89 | 19.7 | 8.714 | 2.504 | -- | -- | 9.355 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 22 | 38 | 58 | 0.0007 | 0.084 | 0.0172 | 0.0252 | 0.0007 | 0.013 | 0.0169 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | ethylbenzene | µg/kg | 5 | 38 | 13 | 0.14 | 0.44 | 0.222 | 0.125 | 0.11 | 0.16 | 0.166 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 33 | 38 | 87 | 0.001 | 0.093 | 0.0161 | 0.0226 | 0.0009 | 0.017 | 0.0295 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | lead | mg/kg | 38 | 38 | 100 | 3.36 | 23.7 | 8.772 | 5.557 | -- | -- | 12.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24832 panama ave | lte10ft | naphthalene | mg/kg | 30 | 38 | 79 | 0.0009 | 0.11 | 0.0205 | 0.0277 | 0.00025 | 0.00034 | 0.0347 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte10ft | pyrene | mg/kg | 37 | 38 | 97 | 0.0024 | 3.1 | 0.178 | 0.524 | 0.0008 | 0.0008 | 0.539 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24832 panama ave | lte10ft | toluene | µg/kg | 13 | 38 | 34 | 0.13 | 0.53 | 0.242 | 0.123 | 0.11 | 0.16 | 0.193 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | tph as diesel | mg/kg | 29 | 38 | 76 | 9.3 | 3300 | 349.1 | 656.3 | 4.8 | 4.8 | 687.2 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24832 panama ave | lte10ft | tph as gasoline | mg/kg | 8 | 38 | 21 | 0.059 | 0.2 | 0.111 | 0.0504 | 0.045 | 0.062 | 0.0928 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte10ft | tph as motor oil | mg/kg | 32 | 38 | 84 | 11 | 4500 | 594.6 | 905.9 | 7 | 7 | 1110 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | vanadium | mg/kg | 38 | 38 | 100 | 15 | 33.4 | 23.54 | 4.619 | -- | -- | 24.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte10ft | vinyl chloride | µg/kg | 11 | 38 | 29 | 0.21 | 0.49 | 0.322 | 0.0802 | 0.16 | 0.23 | 0.292 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24832 panama ave | lte10ft | xylenes, total | µg/kg | 12 | 38 | 32 | 0.19 | 2.4 | 0.702 | 0.616 | 0.15 | 0.21 | 0.468 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24832 panama ave | lte10ft | zinc | mg/kg | 38 | 38 | 100 | 17.8 | 79.5 | 30.42 | 10.9 | -- | -- | 33.14 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 12 | 67 | 0.23 | 22000 | 3090 | 7648 | 0.089 | 0.095 | 5713 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 12 | 67 | 0.17 | 6800 | 921.9 | 2377 | 0.075 | 0.081 | 1738 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.0023 | 18 | 2.838 | 5.371 | 0.21 | 0.21 | 9.156 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.0026 | 29 | 4.352 | 8.653 | 0.006 | 0.006 | 14.53 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 0.621 | 3.8 | 1.857 | 1.066 | -- | -- | 2.551 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | bap teq | mg/kg | 11 | 12 | 92 | 0.000648 | 0.805 | 0.172 | 0.228 | 0.00053 | 0.00053 | 0.439 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | benzene | µg/kg | 6 | 12 | 50 | 0.12 | 680 | 132.9 | 268.7 | 0.1 | 10 | 172 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 12 | 83 | 0.0012 | 0.94 | 0.211 | 0.272 | 0.0007 | 0.0033 | 0.505 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 12 | 67 | 0.0035 | 0.6 | 0.155 | 0.188 | 0.0005 | 0.2 | 0.216 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | chrysene | mg/kg | 11 | 12 | 92 | 0.0039 | 2.8 | 0.554 | 0.791 | 0.0012 | 0.0012 | 1.481 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 5.55 | 10.9 | 7.446 | 2.072 | -- | -- | 8.552 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 5.88 | 11 | 8.123 | 1.436 | -- | -- | 8.868 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | ethylbenzene | µg/kg | 7 | 12 | 58 | 5.6 | 10000 | 1568 | 3720 | 0.12 | 0.13 | 4642 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 4.26 | 16 | 7.257 | 2.951 | -- | -- | 8.895 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24833 panama ave | gt05lte10ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.00039 | 14 | 1.664 | 3.953 | -- | -- | 7.838 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0016 | 2.5 | 0.678 | 0.903 | -- | -- | 2.196 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | tph as diesel | mg/kg | 10 | 12 | 83 | 24 | 9500 | 2824 | 3007 | 4.8 | 4.8 | 6078 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | tph as gasoline | mg/kg | 11 | 12 | 92 | 0.057 | 1300 | 146.7 | 387.5 | 0.05 | 0.05 | 604.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 10 | 12 | 83 | 30 | 9200 | 3203 | 3167 | 7 | 7 | 4306 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 18.1 | 39.2 | 26.52 | 7.342 | -- | -- | 30.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | xylenes, total | µg/kg | 7 | 12 | 58 | 0.7 | 23000 | 3409 | 8640 | 0.15 | 0.17 | 10601 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 20.8 | 37.9 | 29.98 | 5.647 | -- | -- | 32.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 18 | 50 | 0.14 | 1.2 | 0.459 | 0.322 | 0.09 | 0.11 | 0.439 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 18 | 56 | 0.0017 | 0.022 | 0.0085 | 0.00678 | 0.0048 | 0.06 | 0.00895 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 0.58 | 2.84 | 1.697 | 0.646 | -- | -- | 1.962 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | lte02ft | bap teq | mg/kg | 15 | 18 | 83 | 0.00668 | 0.291 | 0.045 | 0.07 | 0.00411 | 0.00411 | 0.106 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte02ft | benzene | µg/kg | 9 | 18 | 50 | 0.12 | 3.1 | 0.52 | 0.969 | 0.11 | 0.13 | 0.657 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 15 | 18 | 83 | 0.0037 | 0.14 | 0.0295 | 0.0339 | 0.0052 | 0.0052 | 0.0408 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 13 | 18 | 72 | 0.0048 | 0.24 | 0.0394 | 0.0615 | 0.0039 | 0.0099 | 0.0576 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 18 | 61 | 0.0042 | 0.083 | 0.0214 | 0.0217 | 0.0028 | 0.007 | 0.0233 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | lte02ft | benzo (k) fluoranthene | mg/kg | 9 | 18 | 50 | 0.003 | 0.02 | 0.0111 | 0.00571 | 0.009 | 0.11 | 0.0117 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | lte02ft | chrysene | mg/kg | 15 | 18 | 83 | 0.0099 | 0.7 | 0.105 | 0.171 | 0.0095 | 0.0095 | 0.254 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5.23 | 8.67 | 6.766 | 1.267 | -- | -- | 7.32 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte02ft | copper | mg/kg | 18 | 18 | 100 | 7.19 | 23.2 | 10.47 | 3.571 | -- | -- | 12.03 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 18 | 44 | 0.0011 | 0.01 | 0.00606 | 0.0035 | 0.0013 | 0.067 | 0.00613 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 18 | 56 | 0.0032 | 0.018 | 0.0117 | 0.0056 | 0.0069 | 0.087 | 0.0119 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | lte02ft | lead | mg/kg | 18 | 18 | 100 | 5.72 | 34.8 | 11.09 | 7.775 | -- | -- | 19.08 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte02ft | naphthalene | mg/kg | 10 | 18 | 56 | 0.00028 | 0.0094 | 0.00339 | 0.00313 | 0.00025 | 0.00029 | 0.00317 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | lte02ft | pyrene | mg/kg | 15 | 18 | 83 | 0.0078 | 0.62 | 0.0852 | 0.152 | 0.0065 | 0.0065 | 0.219 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte02ft | toluene | µg/kg | 7 | 18 | 39 | 0.12 | 2.5 | 0.506 | 0.88 | 0.12 | 0.14 | 0.653 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte02ft | tph as diesel | mg/kg | 18 | 18 | 100 | 5.4 | 1500 | 204.4 | 370.3 | -- | -- | 584.9 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte02ft | tph as gasoline | mg/kg | 5 | 18 | 28 | 0.052 | 0.14 | 0.0782 | 0.0351 | 0.047 | 0.055 | 0.0744 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 11 | 3300 | 530.8 | 863.2 | -- | -- | 1418 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 16.8 | 33.2 | 24.46 | 5.958 | -- | -- | 26.9 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 26 | 97 | 38.44 | 19.45 | -- | -- | 46.85 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 31 | 35 | 0.14 | 39 | 3.936 | 11.63 | 0.089 | 0.11 | 7.113 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 31 | 29 | 0.002 | 2.9 | 0.409 | 0.947 | 0.0011 | 0.11 | 0.287 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 31 | 68 | 0.0017 | 2.5 | 0.173 | 0.547 | 0.003 | 0.06 | 0.477 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte05ft | arsenic | mg/kg | 31 | 31 | 100 | 0.58 | 2.84 | 1.674 | 0.622 | -- | -- | 1.864 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | lte05ft | bap teq | mg/kg | 27 | 31 | 87 | 0.00577 | 1.254 | 0.107 | 0.237 | 0.00411 | 0.0103 | 0.269 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte05ft | benzene | µg/kg | 16 | 31 | 52 | 0.11 | 11 | 1.034 | 2.756 | 0.1 | 0.13 | 2.182 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 27 | 31 | 87 | 0.0037 | 1.8 | 0.123 | 0.34 | 0.0052 | 0.013 | 0.358 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 25 | 31 | 81 | 0.0031 | 0.87 | 0.0848 | 0.171 | 0.0039 | 0.0099 | 0.192 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 19 | 31 | 61 | 0.0042 | 0.39 | 0.046 | 0.0856 | 0.0018 | 0.007 | 0.0848 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 31 | 45 | 0.003 | 0.16 | 0.0235 | 0.0398 | 0.0056 | 0.11 | 0.0244 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte05ft | chrysene | mg/kg | 27 | 31 | 87 | 0.0099 | 4.3 | 0.333 | 0.816 | 0.0095 | 0.024 | 0.893 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte05ft | cobalt | mg/kg | 31 | 31 | 100 | 5.23 | 8.92 | 6.859 | 1.249 | -- | -- | 7.254 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte05ft | copper | mg/kg | 31 | 31 | 100 | 6.94 | 23.2 | 9.495 | 3.013 | -- | -- | 10.47 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 12 | 31 | 39 | 0.0011 | 0.24 | 0.0275 | 0.0672 | 0.0013 | 0.067 | 0.0296 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 31 | 45 | 0.0032 | 0.24 | 0.0298 | 0.0609 | 0.0043 | 0.087 | 0.0334 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte05ft | lead | mg/kg | 31 | 31 | 100 | 5.15 | 34.8 | 9.582 | 6.245 | -- | -- | 11.58 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte05ft | naphthalene | mg/kg | 19 | 31 | 61 | 0.00028 | 0.64 | 0.0539 | 0.148 | 0.00025 | 0.00029 | 0.126 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte05ft | pyrene | mg/kg | 27 | 31 | 87 | 0.0078 | 3.4 | 0.327 | 0.663 | 0.0065 | 0.016 | 0.777 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte05ft | toluene | µg/kg | 8 | 31 | 26 | 0.12 | 14 | 2.193 | 4.84 | 0.11 | 0.14 | 2.724 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte05ft | tph as diesel | mg/kg | 31 | 31 | 100 | 5.4 | 3300 | 550.5 | 801.7 | -- | -- | 892 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte05ft | tph as gasoline | mg/kg | 14 | 31 | 45 | 0.052 | 2 | 0.388 | 0.616 | 0.047 | 0.055 | 0.361 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte05ft | tph as motor oil | mg/kg | 31 | 31 | 100 | 11 | 3700 | 911.2 | 1064 | -- | -- | 1403 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | lte05ft | vanadium | mg/kg | 31 | 31 | 100 | 16.8 | 33.4 | 24.75 | 5.546 | -- | -- | 26.44 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte05ft | zinc | mg/kg | 31 | 31 | 100 | 23.8 | 97 | 33.81 | 15.74 | -- | -- | 38.88 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 43 | 44 | 0.14 | 22000 | 1303 | 5020 | 0.089 | 0.11 | 2838 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 43 | 21 | 0.17 | 6800 | 824.7 | 2242 | 0.075 | 0.093 | 451.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 20 | 43 | 47 | 0.002 | 18 | 1.745 | 4.135 | 0.0011 | 0.21 | 1.572 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 32 | 43 | 74 | 0.0017 | 29 | 1.61 | 5.33 | 0.003 | 0.06 | 4.292 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24833 panama ave | lte10ft | arsenic | mg/kg | 43 | 43 | 100 | 0.58 | 3.8 | 1.725 | 0.762 | -- | -- | 1.921 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24833 panama ave | lte10ft | bap teq | mg/kg | 38 | 43 | 88 | 0.000648 | 1.254 | 0.126 | 0.234 | 0.00053 | 0.0103 | 0.26 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | lte10ft | benzene | µg/kg | 22 | 43 | 51 | 0.11 | 680 | 36.99 | 144.2 | 0.1 | 10 | 88.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 37 | 43 | 86 | 0.0012 | 1.8 | 0.146 | 0.322 | 0.0007 | 0.013 | 0.328 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 33 | 43 | 77 | 0.0031 | 0.87 | 0.102 | 0.175 | 0.0005 | 0.2 | 0.186 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 43 | 53 | 0.0042 | 0.39 | 0.0552 | 0.0956 | 0.0004 | 0.14 | 0.0817 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 16 | 43 | 37 | 0.003 | 0.16 | 0.0229 | 0.0371 | 0.0011 | 0.45 | 0.0208 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte10ft | chrysene | mg/kg | 38 | 43 | 88 | 0.0039 | 4.3 | 0.397 | 0.804 | 0.0012 | 0.024 | 0.861 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte10ft | cobalt | mg/kg | 43 | 43 | 100 | 5.23 | 10.9 | 7.023 | 1.52 | -- | -- | 7.411 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte10ft | copper | mg/kg | 43 | 43 | 100 | 5.88 | 23.2 | 9.112 | 2.722 | -- | -- | 9.848 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 13 | 43 | 30 | 0.0011 | 0.24 | 0.0267 | 0.0644 | 0.0007 | 0.27 | 0.0239 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte10ft | ethylbenzene | µg/kg | 10 | 43 | 23 | 0.18 | 10000 | 1100 | 3129 | 0.12 | 0.15 | 662.9 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 43 | 37 | 0.0032 | 0.24 | 0.0388 | 0.0681 | 0.0009 | 0.35 | 0.0339 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte10ft | lead | mg/kg | 43 | 43 | 100 | 4.26 | 34.8 | 8.933 | 5.59 | -- | -- | 10.43 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte10ft | naphthalene | mg/kg | 31 | 43 | 72 | 0.00028 | 14 | 0.677 | 2.525 | 0.00025 | 0.00029 | 1.928 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte10ft | pyrene | mg/kg | 39 | 43 | 91 | 0.0016 | 3.4 | 0.435 | 0.751 | 0.0065 | 0.016 | 0.877 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24833 panama ave | lte10ft | toluene | µg/kg | 9 | 43 | 21 | 0.12 | 110 | 14.17 | 36.22 | 0.11 | 12 | 14.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte10ft | tph as diesel | mg/kg | 41 | 43 | 95 | 5.4 | 9500 | 1105 | 1869 | 4.8 | 4.8 | 2277 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte10ft | tph as gasoline | mg/kg | 25 | 43 | 58 | 0.052 | 1300 | 64.78 | 260.9 | 0.047 | 0.055 | 171.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte10ft | tph as motor oil | mg/kg | 41 | 43 | 95 | 11 | 9200 | 1470 | 2024 | 7 | 7 | 2732 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24833 panama ave | lte10ft | vanadium | mg/kg | 43 | 43 | 100 | 16.8 | 39.2 | 25.24 | 6.061 | -- | -- | 26.81 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24833 panama ave | lte10ft | xylenes, total | µg/kg | 11 | 43 | 26 | 0.17 | 23000 | 2173 | 6909 | 0.15 | 0.19 | 2971 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24833 panama ave | lte10ft | zinc | mg/kg | 43 | 43 | 100 | 20.8 | 97 | 32.74 | 13.72 | -- | -- | 36.45 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24838 panama ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 5 | 8 | 63 | 0.0031 | 0.22 | 0.0496 | 0.0953 | 0.0006 | 0.012 | 0.155 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 2.22 | 5.21 | 3.819 | 0.999 | -- | -- | 4.488 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | bap teq | mg/kg | 7 | 8 | 88 | 0.00078 | 0.323 | 0.0558 | 0.118 | 0.0103 | 0.0103 | 0.222 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 8 | 75 | 0.002 | 0.49 | 0.095 | 0.194 | 0.0007 | 0.013 | 0.339 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 8 | 75 | 0.0005 | 0.23 | 0.0462 | 0.0904 | 0.002 | 0.0099 | 0.16 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 8 | 63 | 0.0011 | 0.13 | 0.0311 | 0.0555 | 0.0004 | 0.007 | 0.0528 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | chrysene | mg/kg | 6 | 8 | 75 | 0.003 | 1.1 | 0.222 | 0.432 | 0.0012 | 0.024 | 0.766 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.73 | 9.97 | 7.881 | 1.443 | -- | -- | 8.848 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 6.37 | 8.64 | 7.525 | 0.732 | -- | -- | 8.015 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.14 | 13.1 | 6.365 | 3.139 | -- | -- | 8.586 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24838 panama ave | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.001 | 0.97 | 0.14 | 0.336 | -- | -- | 0.657 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | tph as diesel | mg/kg | 5 | 8 | 63 | 30 | 370 | 134.4 | 150.1 | 4.8 | 4.8 | 183.3 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | tph as motor oil | mg/kg | 6 | 8 | 75 | 13 | 890 | 267.2 | 330.7 | 7 | 7 | 411.8 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 20.3 | 32 | 26.31 | 4.542 | -- | -- | 29.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 22.5 | 39.5 | 30.89 | 5.221 | -- | -- | 34.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 13 | 85 | 0.0008 | 0.26 | 0.0376 | 0.0747 | 0.003 | 0.012 | 0.117 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte02ft | antimony | mg/kg | 5 | 13 | 38 | 0.353 | 0.599 | 0.453 | 0.0923 | 0.191 | 0.306 | 0.46 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte02ft | arsenic | mg/kg | 13 | 13 | 100 | 1.6 | 7.23 | 4.825 | 1.691 | -- | -- | 5.661 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte02ft | bap teq | mg/kg | 12 | 13 | 92 | 0.0018 | 0.716 | 0.109 | 0.198 | 0.00208 | 0.00208 | 0.333 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte02ft | benzene | µg/kg | 9 | 13 | 69 | 0.15 | 0.79 | 0.451 | 0.245 | 0.1 | 0.15 | 0.49 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte02ft | benzo (a) anthracene | mg/kg | 12 | 13 | 92 | 0.0016 | 0.51 | 0.0885 | 0.141 | 0.0026 | 0.0026 | 0.248 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte02ft | benzo (a) pyrene | mg/kg | 12 | 13 | 92 | 0.0013 | 0.52 | 0.0815 | 0.143 | 0.002 | 0.002 | 0.244 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 13 | 69 | 0.0009 | 0.24 | 0.0477 | 0.0754 | 0.0014 | 0.007 | 0.072 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte02ft | chrysene | mg/kg | 12 | 13 | 92 | 0.0032 | 2.9 | 0.349 | 0.811 | 0.0047 | 0.0047 | 1.272 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte02ft | cobalt | mg/kg | 13 | 13 | 100 | 4.69 | 8.95 | 6.323 | 1.026 | -- | -- | 6.83 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte02ft | copper | mg/kg | 13 | 13 | 100 | 8.28 | 18.6 | 10.59 | 2.762 | -- | -- | 11.95 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24838 panama ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 13 | 38 | 0.0012 | 0.17 | 0.0446 | 0.0715 | 0.0007 | 0.013 | 0.0431 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte02ft | lead | mg/kg | 13 | 13 | 100 | 5.01 | 90.7 | 17.11 | 23.56 | -- | -- | 45.59 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24838 panama ave | lte02ft | naphthalene | mg/kg | 5 | 13 | 38 | 0.00057 | 0.018 | 0.00725 | 0.00708 | 0.00025 | 0.00081 | 0.00895 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte02ft | pyrene | mg/kg | 12 | 13 | 92 | 0.0015 | 0.92 | 0.141 | 0.26 | 0.0033 | 0.0033 | 0.435 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte02ft | toluene | µg/kg | 9 | 13 | 69 | 0.14 | 0.6 | 0.341 | 0.157 | 0.12 | 0.52 | 0.373 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte02ft | tph as diesel | mg/kg | 12 | 13 | 92 | 21 | 16000 | 1499 | 4571 | 4.8 | 4.8 | 6718 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte02ft | tph as gasoline | mg/kg | 5 | 13 | 38 | 0.061 | 0.16 | 0.105 | 0.0435 | 0.048 | 0.42 | 0.109 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte02ft | tph as motor oil | mg/kg | 12 | 13 | 92 | 65 | 38000 | 3617 | 10836 | 7 | 7 | 15987 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte02ft | vanadium | mg/kg | 13 | 13 | 100 | 19.6 | 28.3 | 24.09 | 2.719 | -- | -- | 25.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte02ft | xylenes, total | µg/kg | 5 | 13 | 38 | 0.19 | 0.64 | 0.3 | 0.191 | 0.16 | 0.56 | 0.31 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24838 panama ave | lte02ft | zinc | mg/kg | 13 | 13 | 100 | 27 | 88.1 | 42.48 | 16.93 | -- | -- | 51.18 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 20 | 25 | 0.14 | 0.56 | 0.386 | 0.18 | 0.09 | 0.59 | 0.441 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | 2-methylnaphthalene | mg/kg | 15 | 20 | 75 | 0.0007 | 0.33 | 0.0676 | 0.103 | 0.003 | 0.048 | 0.143 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte05ft | antimony | mg/kg | 6 | 20 | 30 | 0.353 | 0.599 | 0.449 | 0.0834 | 0.191 | 0.306 | 0.442 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | arsenic | mg/kg | 20 | 20 | 100 | 1.54 | 7.23 | 4.168 | 1.793 | -- | -- | 4.861 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | bap teq | mg/kg | 19 | 20 | 95 | 0.0018 | 0.871 | 0.193 | 0.27 | 0.00208 | 0.00208 | 0.444 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte05ft | benzene | µg/kg | 11 | 20 | 55 | 0.13 | 0.79 | 0.393 | 0.255 | 0.1 | 0.15 | 0.367 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | benzo (a) anthracene | mg/kg | 18 | 20 | 90 | 0.0016 | 1.5 | 0.251 | 0.447 | 0.0026 | 0.052 | 0.646 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24838 panama ave | lte05ft | benzo (a) pyrene | mg/kg | 19 | 20 | 95 | 0.0013 | 0.61 | 0.142 | 0.188 | 0.002 | 0.002 | 0.316 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte05ft | benzo (b) fluoranthene | mg/kg | 12 | 20 | 60 | 0.0009 | 0.24 | 0.0726 | 0.0955 | 0.0014 | 0.028 | 0.0752 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 20 | 30 | 0.0014 | 0.14 | 0.0485 | 0.0543 | 0.0011 | 0.23 | 0.0387 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | chrysene | mg/kg | 19 | 20 | 95 | 0.0032 | 3.3 | 0.664 | 1.149 | 0.0047 | 0.0047 | 1.732 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte05ft | cobalt | mg/kg | 20 | 20 | 100 | 4.69 | 8.95 | 6.224 | 0.96 | -- | -- | 6.595 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | copper | mg/kg | 20 | 20 | 100 | 6.29 | 18.6 | 9.724 | 2.618 | -- | -- | 10.72 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 20 | 40 | 0.0012 | 0.17 | 0.0664 | 0.0661 | 0.0007 | 0.054 | 0.0557 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 20 | 30 | 0.0011 | 0.23 | 0.0603 | 0.0931 | 0.0009 | 0.069 | 0.0422 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte05ft | lead | mg/kg | 20 | 20 | 100 | 3.01 | 90.7 | 14.95 | 19.29 | -- | -- | 20.81 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte05ft | naphthalene | mg/kg | 8 | 20 | 40 | 0.00057 | 0.088 | 0.0294 | 0.0326 | 0.00025 | 0.00081 | 0.0234 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | pyrene | mg/kg | 18 | 20 | 90 | 0.0015 | 3.1 | 0.519 | 1.002 | 0.0033 | 0.065 | 1.407 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte05ft | toluene | µg/kg | 10 | 20 | 50 | 0.14 | 0.6 | 0.321 | 0.161 | 0.12 | 0.52 | 0.299 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | tph as diesel | mg/kg | 18 | 20 | 90 | 21 | 16000 | 1303 | 3718 | 4.8 | 4.8 | 4634 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte05ft | tph as gasoline | mg/kg | 6 | 20 | 30 | 0.058 | 0.16 | 0.0968 | 0.0433 | 0.048 | 0.42 | 0.092 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | tph as motor oil | mg/kg | 18 | 20 | 90 | 65 | 38000 | 3193 | 8818 | 7 | 7 | 11088 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte05ft | vanadium | mg/kg | 20 | 20 | 100 | 15 | 29.5 | 23.39 | 3.875 | -- | -- | 24.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte05ft | xylenes, total | µg/kg | 6 | 20 | 30 | 0.19 | 0.64 | 0.285 | 0.175 | 0.16 | 0.56 | 0.266 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24838 panama ave | lte05ft | zinc | mg/kg | 20 | 20 | 100 | 18.8 | 88.1 | 44.17 | 20.13 | -- | -- | 52.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 28 | 25 | 0.14 | 0.56 | 0.36 | 0.175 | 0.088 | 0.59 | 0.32 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte10ft | 1-methylnaphthalene | mg/kg | 8 | 28 | 29 | 0.0014 | 0.044 | 0.0226 | 0.0192 | 0.0011 | 0.21 | 0.0137 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24838 panama ave | lte10ft | 2-methylnaphthalene | mg/kg | 20 | 28 | 71 | 0.0007 | 0.33 | 0.0631 | 0.099 | 0.0006 | 0.048 | 0.119 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte10ft | antimony | mg/kg | 8 | 28 | 29 | 0.348 | 0.599 | 0.431 | 0.0793 | 0.191 | 0.306 | 0.423 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 1.54 | 7.23 | 4.068 | 1.596 | -- | -- | 4.582 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte10ft | bap teq | mg/kg | 26 | 28 | 93 | 0.00078 | 0.871 | 0.156 | 0.245 | 0.00208 | 0.0103 | 0.342 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte10ft | benzene | µg/kg | 15 | 28 | 54 | 0.13 | 0.79 | 0.323 | 0.246 | 0.1 | 0.15 | 0.3 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24838 panama ave | lte10ft | benzo (a) anthracene | mg/kg | 24 | 28 | 86 | 0.0016 | 1.5 | 0.212 | 0.401 | 0.0007 | 0.052 | 0.494 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte10ft | benzo (a) pyrene | mg/kg | 25 | 28 | 89 | 0.0005 | 0.61 | 0.119 | 0.173 | 0.002 | 0.0099 | 0.244 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte10ft | benzo (b) fluoranthene | mg/kg | 17 | 28 | 61 | 0.0009 | 0.24 | 0.0604 | 0.0861 | 0.0004 | 0.028 | 0.061 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 28 | 32 | 0.0014 | 0.14 | 0.0385 | 0.0476 | 0.0011 | 0.23 | 0.0258 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte10ft | chromium, hexavalent | mg/kg | 8 | 28 | 29 | 0.15 | 0.47 | 0.308 | 0.0933 | 0.22 | 0.22 | 0.299 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte10ft | chrysene | mg/kg | 25 | 28 | 89 | 0.003 | 3.3 | 0.558 | 1.032 | 0.0012 | 0.024 | 1.315 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 4.69 | 9.97 | 6.698 | 1.33 | -- | -- | 7.126 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte10ft | copper | mg/kg | 28 | 28 | 100 | 6.29 | 18.6 | 9.095 | 2.447 | -- | -- | 9.844 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24838 panama ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 11 | 28 | 39 | 0.0012 | 0.17 | 0.0528 | 0.0608 | 0.0007 | 0.054 | 0.037 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 28 | 29 | 0.0011 | 0.23 | 0.0462 | 0.083 | 0.0009 | 0.069 | 0.0551 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte10ft | lead | mg/kg | 28 | 28 | 100 | 3.01 | 90.7 | 12.5 | 16.73 | -- | -- | 26.28 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24838 panama ave | lte10ft | naphthalene | mg/kg | 11 | 28 | 39 | 0.00057 | 0.088 | 0.0255 | 0.0296 | 0.00025 | 0.00081 | 0.0176 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24838 panama ave | lte10ft | pyrene | mg/kg | 26 | 28 | 93 | 0.001 | 3.1 | 0.402 | 0.864 | 0.0033 | 0.065 | 1.065 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte10ft | toluene | µg/kg | 12 | 28 | 43 | 0.14 | 0.6 | 0.293 | 0.16 | 0.11 | 0.52 | 0.252 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte10ft | tph as diesel | mg/kg | 23 | 28 | 82 | 21 | 16000 | 1049 | 3306 | 4.8 | 4.8 | 3355 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte10ft | tph as gasoline | mg/kg | 7 | 28 | 25 | 0.058 | 0.16 | 0.0971 | 0.0396 | 0.048 | 0.42 | 0.0868 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte10ft | tph as motor oil | mg/kg | 24 | 28 | 86 | 13 | 38000 | 2461 | 7692 | 7 | 7 | 8022 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24838 panama ave | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 15 | 32 | 24.22 | 4.21 | -- | -- | 25.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24838 panama ave | lte10ft | xylenes, total | µg/kg | 8 | 28 | 29 | 0.19 | 0.64 | 0.269 | 0.152 | 0.15 | 0.56 | 0.246 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24838 panama ave | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 18.8 | 88.1 | 40.37 | 18.15 | -- | -- | 46.39 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 27 | 63 | 0.093 | 10 | 1.359 | 2.49 | 0.092 | 0.1 | 2.63 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 27 | 44 | 0.091 | 1.6 | 0.376 | 0.451 | 0.078 | 0.085 | 0.335 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | gt05lte10ft | 1-methylnaphthalene | mg/kg | 16 | 27 | 59 | 0.0012 | 5.9 | 0.429 | 1.46 | 0.0011 | 0.043 | 1.217 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 20 | 27 | 74 | 0.0007 | 8.8 | 0.506 | 1.953 | 0.0006 | 0.024 | 1.799 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | antimony | mg/kg | 9 | 27 | 33 | 0.328 | 1.05 | 0.646 | 0.245 | 0.306 | 0.306 | 0.595 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | arsenic | mg/kg | 27 | 27 | 100 | 2.8 | 6.41 | 4.257 | 0.937 | -- | -- | 4.564 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24904 neptune ave | gt05lte10ft | bap teq | mg/kg | 27 | 27 | 100 | 0.00088 | 0.395 | 0.0898 | 0.0934 | -- | -- | 0.13 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | benzene | µg/kg | 14 | 27 | 52 | 0.11 | 0.7 | 0.297 | 0.165 | 0.1 | 0.12 | 0.263 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 26 | 27 | 96 | 0.0042 | 0.46 | 0.116 | 0.121 | 0.0007 | 0.0007 | 0.214 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 26 | 27 | 96 | 0.0006 | 0.27 | 0.0625 | 0.0656 | 0.079 | 0.079 | 0.116 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 22 | 27 | 81 | 0.0013 | 0.21 | 0.0509 | 0.0533 | 0.0004 | 0.056 | 0.0859 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | chrysene | mg/kg | 26 | 27 | 96 | 0.011 | 1.4 | 0.401 | 0.377 | 0.0012 | 0.0012 | 0.703 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | cobalt | mg/kg | 27 | 27 | 100 | 6.19 | 9.79 | 7.585 | 0.822 | -- | -- | 7.855 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | copper | mg/kg | 27 | 27 | 100 | 7.98 | 12.7 | 9.482 | 1.246 | -- | -- | 9.899 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 27 | 19 | 0.0047 | 0.089 | 0.0423 | 0.0343 | 0.0007 | 0.11 | 0.0365 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | ethylbenzene | µg/kg | 12 | 27 | 44 | 0.19 | 8.9 | 2.342 | 3.134 | 0.12 | 0.13 | 1.924 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 27 | 26 | 0.0068 | 0.075 | 0.0428 | 0.0241 | 0.0009 | 0.14 | 0.0408 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | lead | mg/kg | 27 | 27 | 100 | 5.44 | 47.3 | 14.23 | 11.51 | -- | -- | 23.89 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | gt05lte10ft | naphthalene | mg/kg | 16 | 27 | 59 | 0.00026 | 2.5 | 0.169 | 0.622 | 0.00026 | 0.00028 | 0.508 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | pyrene | mg/kg | 27 | 27 | 100 | 0.0012 | 1.7 | 0.65 | 0.541 | -- | -- | 0.966 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | toluene | µg/kg | 11 | 27 | 41 | 0.12 | 2.8 | 0.488 | 0.783 | 0.11 | 0.13 | 0.445 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 26 | 27 | 96 | 55 | 3100 | 1065 | 850.4 | 4.8 | 4.8 | 1747 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | tph as gasoline | mg/kg | 20 | 27 | 74 | 0.048 | 66 | 5.147 | 16.09 | 0.045 | 0.063 | 15.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 26 | 27 | 96 | 90 | 5300 | 1781 | 1408 | 7 | 7 | 2909 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | vanadium | mg/kg | 27 | 27 | 100 | 22.3 | 33.7 | 27.82 | 3.337 | -- | -- | 28.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | gt05lte10ft | xylenes, total | µg/kg | 16 | 27 | 59 | 0.18 | 11 | 1.434 | 2.66 | 0.16 | 0.17 | 2.722 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | gt05lte10ft | zinc | mg/kg | 27 | 27 | 100 | 24.8 | 66.9 | 36.04 | 11.07 | -- | -- | 39.78 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 25 | 30 | 83 | 0.0059 | 0.18 | 0.0472 | 0.0459 | 0.003 | 0.024 | 0.0539 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | antimony | mg/kg | 7 | 30 | 23 | 0.306 | 1.19 | 0.543 | 0.303 | 0.306 | 0.306 | 0.418 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | arsenic | mg/kg | 30 | 30 | 100 | 1.54 | 5.49 | 4.063 | 0.828 | -- | -- | 4.32 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte02ft | bap teq | mg/kg | 30 | 30 | 100 | 0.00955 | 0.652 | 0.143 | 0.145 | -- | -- | 0.193 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | benzene | µg/kg | 9 | 30 | 30 | 0.13 | 1.4 | 0.388 | 0.396 | 0.11 | 0.15 | 0.285 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 30 | 30 | 100 | 0.0097 | 0.71 | 0.177 | 0.19 | -- | -- | 0.251 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 30 | 30 | 100 | 0.0069 | 0.46 | 0.1 | 0.101 | -- | -- | 0.135 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 30 | 30 | 100 | 0.0043 | 0.29 | 0.0582 | 0.0629 | -- | -- | 0.0796 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 11 | 30 | 37 | 0.0059 | 0.086 | 0.0424 | 0.0269 | 0.0056 | 0.045 | 0.034 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | lte02ft | chrysene | mg/kg | 30 | 30 | 100 | 0.018 | 1.8 | 0.474 | 0.46 | -- | -- | 0.647 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | cobalt | mg/kg | 30 | 30 | 100 | 2.23 | 8.3 | 6.54 | 1.098 | -- | -- | 6.881 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte02ft | copper | mg/kg | 30 | 30 | 100 | 2.9 | 17.2 | 9.024 | 2.431 | -- | -- | 9.792 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 16 | 30 | 53 | 0.0058 | 0.15 | 0.0422 | 0.0366 | 0.0034 | 0.027 | 0.0359 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 30 | 70 | 0.0046 | 0.14 | 0.0381 | 0.0306 | 0.0043 | 0.035 | 0.0391 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | lead | mg/kg | 30 | 30 | 100 | 2.71 | 37.1 | 11.89 | 7.895 | -- | -- | 14.73 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | lte02ft | naphthalene | mg/kg | 13 | 30 | 43 | 0.00066 | 0.042 | 0.0235 | 0.0134 | 0.00026 | 0.00036 | 0.0181 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | lte02ft | pyrene | mg/kg | 30 | 30 | 100 | 0.012 | 1.2 | 0.343 | 0.315 | -- | -- | 0.469 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | toluene | µg/kg | 8 | 30 | 27 | 0.14 | 0.42 | 0.256 | 0.118 | 0.12 | 0.17 | 0.197 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24904 neptune ave | lte02ft | tph as diesel | mg/kg | 30 | 30 | 100 | 26 | 1100 | 310.4 | 250.8 | -- | -- | 405.3 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | tph as gasoline | mg/kg | 10 | 30 | 33 | 0.061 | 0.18 | 0.0931 | 0.038 | 0.046 | 0.066 | 0.0801 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | tph as motor oil | mg/kg | 30 | 30 | 100 | 110 | 3000 | 824.7 | 686.3 | -- | -- | 1068 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte02ft | vanadium | mg/kg | 30 | 30 | 100 | 8.09 | 29.3 | 23.87 | 4.115 | -- | -- | 25.14 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte02ft | zinc | mg/kg | 30 | 30 | 100 | 9.53 | 85.9 | 34.94 | 13.31 | -- | -- | 39.23 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 47 | 21 | 0.12 | 17 | 2.017 | 5.276 | 0.09 | 0.13 | 1.574 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 47 | 19 | 0.0051 | 1.9 | 0.237 | 0.624 | 0.0054 | 0.043 | 0.234 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 36 | 47 | 77 | 0.0059 | 2.8 | 0.12 | 0.461 | 0.003 | 0.024 | 0.352 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte05ft | antimony | mg/kg | 10 | 47 | 21 | 0.306 | 1.19 | 0.614 | 0.273 | 0.306 | 0.306 | 0.463 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | lte05ft | arsenic | mg/kg | 47 | 47 | 100 | 1.54 | 6.59 | 3.938 | 0.903 | -- | -- | 4.159 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | lte05ft | bap teq | mg/kg | 47 | 47 | 100 | 0.00955 | 0.652 | 0.115 | 0.123 | -- | -- | 0.143 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24904 neptune ave | lte05ft | benzene | µg/kg | 15 | 47 | 32 | 0.11 | 1.4 | 0.324 | 0.316 | 0.1 | 0.15 | 0.229 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24904 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 47 | 47 | 100 | 0.0097 | 0.71 | 0.139 | 0.163 | -- | -- | 0.202 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 47 | 47 | 100 | 0.0069 | 0.46 | 0.0809 | 0.0861 | -- | -- | 0.106 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 46 | 47 | 98 | 0.0043 | 0.29 | 0.0484 | 0.0532 | 0.007 | 0.007 | 0.0811 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24904 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 47 | 30 | 0.0059 | 0.086 | 0.0389 | 0.026 | 0.0045 | 0.045 | 0.025 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | lte05ft | chrysene | mg/kg | 47 | 47 | 100 | 0.018 | 1.8 | 0.393 | 0.386 | -- | -- | 0.537 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | lte05ft | cobalt | mg/kg | 47 | 47 | 100 | 2.23 | 8.3 | 6.573 | 0.934 | -- | -- | 6.801 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte05ft | copper | mg/kg | 47 | 47 | 100 | 2.9 | 17.2 | 8.826 | 1.967 | -- | -- | 9.318 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 20 | 47 | 43 | 0.0033 | 0.15 | 0.0362 | 0.0349 | 0.0034 | 0.027 | 0.0253 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24904 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 26 | 47 | 55 | 0.0046 | 0.14 | 0.0361 | 0.029 | 0.0043 | 0.035 | 0.0308 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte05ft | lead | mg/kg | 47 | 47 | 100 | 2.71 | 37.1 | 10.88 | 6.872 | -- | -- | 12.41 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | lte05ft | naphthalene | mg/kg | 18 | 47 | 38 | 0.00066 | 0.68 | 0.0576 | 0.156 | 0.00025 | 0.00036 | 0.0864 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte05ft | pyrene | mg/kg | 47 | 47 | 100 | 0.012 | 1.2 | 0.336 | 0.269 | -- | -- | 0.415 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte05ft | toluene | µg/kg | 12 | 47 | 26 | 0.12 | 0.42 | 0.215 | 0.113 | 0.11 | 0.17 | 0.169 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte05ft | tph as diesel | mg/kg | 47 | 47 | 100 | 26 | 2600 | 464.5 | 498.6 | -- | -- | 584.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte05ft | tph as gasoline | mg/kg | 18 | 47 | 38 | 0.061 | 2.8 | 0.307 | 0.634 | 0.046 | 0.066 | 0.27 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte05ft | tph as motor oil | mg/kg | 47 | 47 | 100 | 110 | 4600 | 1015 | 930.5 | -- | -- | 1370 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | lte05ft | vanadium | mg/kg | 47 | 47 | 100 | 8.09 | 31.5 | 23.75 | 3.794 | -- | -- | 24.68 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte05ft | xylenes, total | µg/kg | 7 | 47 | 15 | 0.22 | 2.4 | 0.706 | 0.77 | 0.15 | 0.23 | 0.378 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte05ft | zinc | mg/kg | 47 | 47 | 100 | 9.53 | 85.9 | 33.32 | 11.06 | -- | -- | 36.14 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 27 | 74 | 36 | 0.093 | 17 | 1.603 | 3.682 | 0.09 | 0.13 | 1.178 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 74 | 19 | 0.091 | 1.6 | 0.412 | 0.449 | 0.075 | 0.11 | 0.205 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 25 | 74 | 34 | 0.0012 | 5.9 | 0.36 | 1.213 | 0.0011 | 0.043 | 0.493 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 56 | 74 | 76 | 0.0007 | 8.8 | 0.258 | 1.22 | 0.0006 | 0.024 | 0.737 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | lte10ft | antimony | mg/kg | 19 | 74 | 26 | 0.306 | 1.19 | 0.629 | 0.253 | 0.306 | 0.306 | 0.44 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | lte10ft | arsenic | mg/kg | 74 | 74 | 100 | 1.54 | 6.59 | 4.054 | 0.922 | -- | -- | 4.233 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | lte10ft | bap teq | mg/kg | 74 | 74 | 100 | 0.00088 | 0.652 | 0.106 | 0.113 | -- | -- | 0.127 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24904 neptune ave | lte10ft | benzene | µg/kg | 29 | 74 | 39 | 0.11 | 1.4 | 0.311 | 0.251 | 0.1 | 0.15 | 0.225 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24904 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 73 | 74 | 99 | 0.0042 | 0.71 | 0.131 | 0.149 | 0.0007 | 0.0007 | 0.205 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 73 | 74 | 99 | 0.0006 | 0.46 | 0.0743 | 0.0794 | 0.079 | 0.079 | 0.114 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24904 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 68 | 74 | 92 | 0.0013 | 0.29 | 0.0492 | 0.0529 | 0.0004 | 0.056 | 0.0722 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 74 | 20 | 0.0059 | 0.086 | 0.0409 | 0.0263 | 0.0011 | 0.18 | 0.0214 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | lte10ft | chrysene | mg/kg | 73 | 74 | 99 | 0.011 | 1.8 | 0.396 | 0.38 | 0.0012 | 0.0012 | 0.583 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte10ft | cobalt | mg/kg | 74 | 74 | 100 | 2.23 | 9.79 | 6.942 | 1.016 | -- | -- | 7.139 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | lte10ft | copper | mg/kg | 74 | 74 | 100 | 2.9 | 17.2 | 9.065 | 1.758 | -- | -- | 9.411 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 25 | 74 | 34 | 0.0033 | 0.15 | 0.0374 | 0.0341 | 0.0007 | 0.11 | 0.0209 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte10ft | ethylbenzene | µg/kg | 16 | 74 | 22 | 0.13 | 8.9 | 1.996 | 2.828 | 0.12 | 0.17 | 0.944 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 33 | 74 | 45 | 0.0046 | 0.14 | 0.0375 | 0.0278 | 0.0009 | 0.14 | 0.0261 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte10ft | lead | mg/kg | 74 | 74 | 100 | 2.71 | 47.3 | 12.1 | 8.92 | -- | -- | 16.62 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte10ft | naphthalene | mg/kg | 34 | 74 | 46 | 0.00026 | 2.5 | 0.11 | 0.438 | 0.00025 | 0.00036 | 0.204 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24904 neptune ave | lte10ft | pyrene | mg/kg | 74 | 74 | 100 | 0.0012 | 1.7 | 0.451 | 0.416 | -- | -- | 0.549 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte10ft | toluene | µg/kg | 23 | 74 | 31 | 0.12 | 2.8 | 0.346 | 0.552 | 0.11 | 0.17 | 0.265 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte10ft | tph as diesel | mg/kg | 73 | 74 | 99 | 26 | 3100 | 678.5 | 702.8 | 4.8 | 4.8 | 1025 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte10ft | tph as gasoline | mg/kg | 38 | 74 | 51 | 0.048 | 66 | 2.854 | 11.79 | 0.045 | 0.066 | 5.832 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte10ft | tph as motor oil | mg/kg | 73 | 74 | 99 | 90 | 5300 | 1288 | 1174 | 7 | 7 | 1867 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24904 neptune ave | lte10ft | vanadium | mg/kg | 74 | 74 | 100 | 8.09 | 33.7 | 25.23 | 4.115 | -- | -- | 26.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24904 neptune ave | lte10ft | xylenes, total | µg/kg | 23 | 74 | 31 | 0.18 | 11 | 1.213 | 2.259 | 0.15 | 0.23 | 0.787 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24904 neptune ave | lte10ft | zinc | mg/kg | 74 | 74 | 100 | 9.53 | 85.9 | 34.32 | 11.06 | -- | -- | 36.51 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 11 | 64 | 0.0016 | 0.87 | 0.148 | 0.321 | 0.0006 | 0.0006 | 0.248 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 2.94 | 6.07 | 4.611 | 1.141 | -- | -- | 5.234 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | bap teq | mg/kg | 10 | 11 | 91 | 0.000788 | 0.314 | 0.0568 | 0.101 | 0.00053 | 0.00053 | 0.18 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | benzene | µg/kg | 6 | 11 | 55 | 0.13 | 1.4 | 0.442 | 0.505 | 0.1 | 0.11 | 0.524 | 95% KM (t) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 11 | 91 | 0.0011 | 0.37 | 0.063 | 0.119 | 0.0007 | 0.0007 | 0.209 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 11 | 82 | 0.001 | 0.22 | 0.0462 | 0.0749 | 0.0005 | 0.0005 | 0.13 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 9 | 11 | 82 | 0.0006 | 0.14 | 0.0218 | 0.0449 | 0.0004 | 0.014 | 0.0726 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | chromium, hexavalent | mg/kg | 7 | 11 | 64 | 0.14 | 0.44 | 0.299 | 0.115 | 0.22 | 0.22 | 0.321 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | chrysene | mg/kg | 10 | 11 | 91 | 0.0024 | 1.3 | 0.201 | 0.406 | 0.0012 | 0.0012 | 0.698 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 4.76 | 8.89 | 7.221 | 1.432 | -- | -- | 8.003 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 7.04 | 10.8 | 8.983 | 1.217 | -- | -- | 9.648 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 4.86 | 18.4 | 8.413 | 3.78 | -- | -- | 10.58 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | naphthalene | mg/kg | 7 | 11 | 64 | 0.00064 | 0.21 | 0.0316 | 0.0787 | 0.00024 | 0.00029 | 0.106 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | gt05lte10ft | pyrene | mg/kg | 10 | 11 | 91 | 0.0016 | 0.79 | 0.153 | 0.259 | 0.0008 | 0.0008 | 0.47 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | tph as diesel | mg/kg | 5 | 11 | 45 | 6 | 2500 | 773.2 | 1040 | 4.8 | 4.8 | 918 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | tph as motor oil | mg/kg | 6 | 11 | 55 | 17 | 4100 | 1069 | 1597 | 7 | 7 | 1363 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 21.7 | 36.2 | 29.83 | 4.393 | -- | -- | 32.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 23.8 | 35.7 | 30.55 | 3.655 | -- | -- | 32.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 16 | 38 | 0.0011 | 0.012 | 0.00338 | 0.0043 | 0.0011 | 0.011 | 0.00349 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 16 | 94 | 0.0009 | 0.048 | 0.00843 | 0.0119 | 0.0024 | 0.0024 | 0.0207 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24912 neptune ave | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.93 | 4.71 | 2.867 | 0.828 | -- | -- | 3.241 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00802 | 0.213 | 0.0548 | 0.0631 | -- | -- | 0.124 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte02ft | benzene | µg/kg | 13 | 16 | 81 | 0.12 | 1 | 0.252 | 0.234 | 0.11 | 0.14 | 0.464 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0049 | 0.19 | 0.0381 | 0.0482 | -- | -- | 0.0906 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.006 | 0.16 | 0.0405 | 0.0469 | -- | -- | 0.0917 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 16 | 100 | 0.0046 | 0.12 | 0.0295 | 0.0332 | -- | -- | 0.058 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte02ft | benzo (k) fluoranthene | mg/kg | 14 | 16 | 88 | 0.0044 | 0.096 | 0.026 | 0.028 | 0.0011 | 0.0045 | 0.0529 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte02ft | chromium, hexavalent | mg/kg | 6 | 16 | 38 | 0.095 | 0.6 | 0.334 | 0.22 | 0.22 | 0.22 | 0.333 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.01 | 0.45 | 0.0868 | 0.113 | -- | -- | 0.146 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 4.8 | 6.77 | 5.628 | 0.582 | -- | -- | 5.883 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | lte02ft | copper | mg/kg | 16 | 16 | 100 | 6.04 | 18.2 | 9.094 | 3.419 | -- | -- | 10.65 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte02ft | dibenz (a,h) anthracene | mg/kg | 14 | 16 | 88 | 0.0008 | 0.024 | 0.00753 | 0.00855 | 0.0027 | 0.0034 | 0.0158 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 16 | 94 | 0.0026 | 0.13 | 0.0222 | 0.0355 | 0.0035 | 0.0035 | 0.0588 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte02ft | lead | mg/kg | 16 | 16 | 100 | 3.62 | 48 | 14.83 | 13.1 | -- | -- | 21.6 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte02ft | naphthalene | mg/kg | 13 | 16 | 81 | 0.0011 | 0.017 | 0.00617 | 0.00531 | 0.00026 | 0.00028 | 0.00753 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.011 | 0.31 | 0.0872 | 0.102 | -- | -- | 0.198 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte02ft | toluene | µg/kg | 8 | 16 | 50 | 0.16 | 0.8 | 0.291 | 0.212 | 0.12 | 0.15 | 0.298 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte02ft | tph as diesel | mg/kg | 11 | 16 | 69 | 14 | 130 | 54.82 | 44 | 4.8 | 4.8 | 60.44 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte02ft | tph as motor oil | mg/kg | 11 | 16 | 69 | 36 | 410 | 167.2 | 124.9 | 7 | 7 | 180.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 14.6 | 25.2 | 18.23 | 2.857 | -- | -- | 19.5 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 20.3 | 73.1 | 39.34 | 17.13 | -- | -- | 46.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 25 | 28 | 0.0011 | 0.012 | 0.00417 | 0.00445 | 0.0011 | 0.011 | 0.00337 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 25 | 84 | 0.0009 | 0.048 | 0.00798 | 0.0112 | 0.0006 | 0.0024 | 0.0161 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 1.61 | 5.55 | 2.906 | 1.026 | -- | -- | 3.267 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.00091 | 0.213 | 0.0417 | 0.0544 | -- | -- | 0.0637 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte05ft | benzene | µg/kg | 18 | 25 | 72 | 0.12 | 1 | 0.235 | 0.202 | 0.1 | 0.14 | 0.27 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte05ft | benzo (a) anthracene | mg/kg | 24 | 25 | 96 | 0.0027 | 0.19 | 0.0334 | 0.0442 | 0.0007 | 0.0007 | 0.0703 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte05ft | benzo (a) pyrene | mg/kg | 25 | 25 | 100 | 0.0006 | 0.16 | 0.0309 | 0.0403 | -- | -- | 0.0473 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte05ft | benzo (b) fluoranthene | mg/kg | 25 | 25 | 100 | 0.0005 | 0.12 | 0.0217 | 0.0286 | -- | -- | 0.0474 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte05ft | benzo (k) fluoranthene | mg/kg | 19 | 25 | 76 | 0.0014 | 0.096 | 0.0207 | 0.0256 | 0.0011 | 0.0056 | 0.0369 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte05ft | chromium, hexavalent | mg/kg | 12 | 25 | 48 | 0.086 | 0.6 | 0.315 | 0.19 | 0.22 | 0.22 | 0.267 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | lte05ft | chrysene | mg/kg | 24 | 25 | 96 | 0.0037 | 0.45 | 0.0754 | 0.102 | 0.0012 | 0.0012 | 0.161 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 4.8 | 8.46 | 5.867 | 0.798 | -- | -- | 6.138 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte05ft | copper | mg/kg | 25 | 25 | 100 | 5.99 | 18.2 | 8.515 | 2.911 | -- | -- | 9.552 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte05ft | dibenz (a,h) anthracene | mg/kg | 17 | 25 | 68 | 0.0007 | 0.024 | 0.00692 | 0.00801 | 0.0007 | 0.0034 | 0.0113 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 25 | 84 | 0.0012 | 0.13 | 0.0168 | 0.031 | 0.0009 | 0.0043 | 0.0397 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte05ft | lead | mg/kg | 25 | 25 | 100 | 3.1 | 48 | 11.33 | 11.44 | -- | -- | 21.3 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte05ft | naphthalene | mg/kg | 17 | 25 | 68 | 0.001 | 0.017 | 0.00551 | 0.00504 | 0.00025 | 0.00029 | 0.00564 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte05ft | pyrene | mg/kg | 25 | 25 | 100 | 0.001 | 0.31 | 0.0713 | 0.0888 | -- | -- | 0.111 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte05ft | toluene | µg/kg | 11 | 25 | 44 | 0.13 | 1.9 | 0.411 | 0.528 | 0.11 | 0.15 | 0.406 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte05ft | tph as diesel | mg/kg | 16 | 25 | 64 | 14 | 250 | 72 | 67 | 4.8 | 4.8 | 71.72 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte05ft | tph as motor oil | mg/kg | 16 | 25 | 64 | 36 | 800 | 207.1 | 198.2 | 7 | 7 | 208.8 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 14.6 | 32 | 18.97 | 4 | -- | -- | 20.39 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 19.8 | 73.1 | 34.97 | 15.2 | -- | -- | 40.31 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 36 | 19 | 0.17 | 26 | 4.2 | 9.62 | 0.088 | 0.12 | 4.28 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte10ft | 1-methylnaphthalene | mg/kg | 11 | 36 | 31 | 0.0011 | 0.6 | 0.0595 | 0.179 | 0.0011 | 0.086 | 0.094 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte10ft | 2-methylnaphthalene | mg/kg | 28 | 36 | 78 | 0.0009 | 0.87 | 0.0429 | 0.164 | 0.0006 | 0.0024 | 0.139 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte10ft | arsenic | mg/kg | 36 | 36 | 100 | 1.61 | 6.07 | 3.427 | 1.315 | -- | -- | 3.845 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte10ft | bap teq | mg/kg | 35 | 36 | 97 | 0.000788 | 0.314 | 0.046 | 0.0694 | 0.00053 | 0.00053 | 0.0948 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte10ft | benzene | µg/kg | 24 | 36 | 67 | 0.12 | 1.4 | 0.287 | 0.306 | 0.1 | 0.14 | 0.319 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte10ft | benzo (a) anthracene | mg/kg | 34 | 36 | 94 | 0.0011 | 0.37 | 0.0421 | 0.0737 | 0.0007 | 0.0007 | 0.0923 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte10ft | benzo (a) pyrene | mg/kg | 34 | 36 | 94 | 0.0006 | 0.22 | 0.0349 | 0.0509 | 0.0005 | 0.0005 | 0.0694 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte10ft | benzo (b) fluoranthene | mg/kg | 34 | 36 | 94 | 0.0005 | 0.14 | 0.0217 | 0.0329 | 0.0004 | 0.014 | 0.0441 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte10ft | benzo (k) fluoranthene | mg/kg | 23 | 36 | 64 | 0.0014 | 0.096 | 0.0182 | 0.024 | 0.0011 | 0.09 | 0.0189 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte10ft | chromium, hexavalent | mg/kg | 19 | 36 | 53 | 0.086 | 0.6 | 0.309 | 0.163 | 0.22 | 0.22 | 0.268 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 24912 neptune ave | lte10ft | chrysene | mg/kg | 34 | 36 | 94 | 0.0024 | 1.3 | 0.112 | 0.236 | 0.0012 | 0.0012 | 0.274 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte10ft | cobalt | mg/kg | 36 | 36 | 100 | 4.76 | 8.89 | 6.281 | 1.193 | -- | -- | 6.617 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte10ft | copper | mg/kg | 36 | 36 | 100 | 5.99 | 18.2 | 8.658 | 2.507 | -- | -- | 9.327 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte10ft | dibenz (a,h) anthracene | mg/kg | 20 | 36 | 56 | 0.0007 | 0.064 | 0.00935 | 0.0149 | 0.0007 | 0.027 | 0.0144 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24912 neptune ave | lte10ft | ethylbenzene | µg/kg | 5 | 36 | 14 | 0.16 | 49 | 10.27 | 21.66 | 0.12 | 0.16 | 4.089 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 25 | 36 | 69 | 0.0012 | 0.13 | 0.0149 | 0.0287 | 0.0009 | 0.069 | 0.0291 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte10ft | lead | mg/kg | 36 | 36 | 100 | 3.1 | 48 | 10.44 | 9.78 | -- | -- | 17.54 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte10ft | naphthalene | mg/kg | 24 | 36 | 67 | 0.00064 | 0.21 | 0.0131 | 0.0422 | 0.00024 | 0.00029 | 0.0344 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte10ft | pyrene | mg/kg | 35 | 36 | 97 | 0.001 | 0.79 | 0.0946 | 0.157 | 0.0008 | 0.0008 | 0.205 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 24912 neptune ave | lte10ft | toluene | µg/kg | 14 | 36 | 39 | 0.13 | 1.9 | 0.389 | 0.469 | 0.11 | 0.15 | 0.326 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte10ft | tph as diesel | mg/kg | 21 | 36 | 58 | 6 | 2500 | 239 | 559.9 | 4.8 | 4.8 | 464.1 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte10ft | tph as gasoline | mg/kg | 7 | 36 | 19 | 0.054 | 0.27 | 0.0993 | 0.0778 | 0.046 | 0.068 | 0.0739 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 24912 neptune ave | lte10ft | tph as motor oil | mg/kg | 22 | 36 | 61 | 17 | 4100 | 442.2 | 888.4 | 7 | 7 | 804.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 24912 neptune ave | lte10ft | vanadium | mg/kg | 36 | 36 | 100 | 14.6 | 36.2 | 22.29 | 6.496 | -- | -- | 24.14 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte10ft | xylenes, total | µg/kg | 6 | 36 | 17 | 0.49 | 4.5 | 1.317 | 1.582 | 0.15 | 0.21 | 0.876 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 24912 neptune ave | lte10ft | zinc | mg/kg | 36 | 36 | 100 | 19.8 | 73.1 | 33.62 | 12.9 | -- | -- | 37.35 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 301 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 15 | 93 | 0.0007 | 0.071 | 0.0136 | 0.0184 | 0.0006 | 0.0006 | 0.0331 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | arsenic | mg/kg | 10 | 15 | 67 | 0.476 | 2.47 | 1.414 | 0.672 | 0.398 | 0.398 | 1.498 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte02ft | bap teq | mg/kg | 14 | 15 | 93 | 0.000887 | 0.212 | 0.0471 | 0.0591 | 0.00053 | 0.00053 | 0.11 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | benzene | µg/kg | 10 | 15 | 67 | 0.13 | 0.62 | 0.292 | 0.15 | 0.11 | 0.15 | 0.311 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte02ft | benzo (a) anthracene | mg/kg | 13 | 15 | 87 | 0.0007 | 0.17 | 0.034 | 0.0464 | 0.0007 | 0.0007 | 0.08 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | benzo (a) pyrene | mg/kg | 14 | 15 | 93 | 0.0006 | 0.16 | 0.0341 | 0.0442 | 0.0005 | 0.0005 | 0.0808 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 15 | 73 | 0.0016 | 0.12 | 0.0335 | 0.0381 | 0.0004 | 0.0014 | 0.0653 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | bis(2-ethylhexyl) phthalate | mg/kg | 7 | 15 | 47 | 0.18 | 0.67 | 0.501 | 0.155 | 0.16 | 0.66 | 0.541 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte02ft | chrysene | mg/kg | 14 | 15 | 93 | 0.0013 | 0.53 | 0.132 | 0.171 | 0.0012 | 0.0012 | 0.314 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | cobalt | mg/kg | 15 | 15 | 100 | 2.84 | 12.8 | 8.633 | 2.196 | -- | -- | 9.631 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte02ft | copper | mg/kg | 15 | 15 | 100 | 7.81 | 22.1 | 13.94 | 3.509 | -- | -- | 15.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 15 | 40 | 0.0016 | 0.046 | 0.0141 | 0.0166 | 0.0007 | 0.013 | 0.0123 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 15 | 67 | 0.0012 | 0.05 | 0.0185 | 0.0162 | 0.0009 | 0.0069 | 0.0203 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte02ft | lead | mg/kg | 15 | 15 | 100 | 0.785 | 39.1 | 9.403 | 10.33 | -- | -- | 15.63 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | naphthalene | mg/kg | 6 | 15 | 40 | 0.00042 | 0.016 | 0.00562 | 0.00582 | 0.00026 | 0.00037 | 0.00537 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte02ft | pyrene | mg/kg | 15 | 15 | 100 | 0.001 | 0.62 | 0.109 | 0.17 | -- | -- | 0.282 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | toluene | µg/kg | 10 | 15 | 67 | 0.13 | 1.1 | 0.432 | 0.314 | 0.12 | 0.17 | 0.469 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte02ft | tph as diesel | mg/kg | 11 | 15 | 73 | 6.7 | 920 | 212.4 | 273.6 | 4.8 | 4.8 | 442.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | tph as gasoline | mg/kg | 8 | 15 | 53 | 0.049 | 0.21 | 0.124 | 0.0572 | 0.048 | 0.053 | 0.126 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte02ft | tph as motor oil | mg/kg | 11 | 15 | 73 | 30 | 1700 | 554.1 | 629.5 | 7 | 7 | 1080 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte02ft | vanadium | mg/kg | 15 | 15 | 100 | 14.4 | 41.3 | 27.79 | 6.11 | -- | -- | 30.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte02ft | zinc | mg/kg | 15 | 15 | 100 | 24.1 | 120 | 48.36 | 25.17 | -- | -- | 59.98 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 22 | 23 | 0.32 | 1.5 | 0.738 | 0.482 | 0.091 | 0.15 | 0.793 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 17 | 22 | 77 | 0.0007 | 0.071 | 0.013 | 0.0177 | 0.0006 | 0.0006 | 0.0255 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | arsenic | mg/kg | 17 | 22 | 77 | 0.476 | 2.69 | 1.612 | 0.685 | 0.398 | 0.398 | 1.65 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte05ft | bap teq | mg/kg | 17 | 22 | 77 | 0.000537 | 0.212 | 0.0394 | 0.056 | 0.00053 | 0.00053 | 0.0789 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | benzene | µg/kg | 13 | 22 | 59 | 0.13 | 0.62 | 0.283 | 0.141 | 0.11 | 0.18 | 0.273 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte05ft | benzo (a) anthracene | mg/kg | 14 | 22 | 64 | 0.0007 | 0.17 | 0.0322 | 0.0451 | 0.0007 | 0.0007 | 0.0363 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | benzo (a) pyrene | mg/kg | 16 | 22 | 73 | 0.0006 | 0.16 | 0.0302 | 0.0425 | 0.0005 | 0.0005 | 0.0581 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 22 | 59 | 0.0006 | 0.12 | 0.029 | 0.0365 | 0.0004 | 0.0014 | 0.0303 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 301 244th st | lte05ft | benzo (k) fluoranthene | mg/kg | 5 | 22 | 23 | 0.0013 | 0.18 | 0.0499 | 0.076 | 0.0011 | 0.045 | 0.0282 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 10 | 22 | 45 | 0.18 | 0.67 | 0.492 | 0.129 | 0.16 | 0.66 | 0.514 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte05ft | chrysene | mg/kg | 17 | 22 | 77 | 0.0013 | 0.53 | 0.111 | 0.162 | 0.0012 | 0.0012 | 0.225 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | cobalt | mg/kg | 22 | 22 | 100 | 2.84 | 14 | 10.06 | 2.854 | -- | -- | 11.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte05ft | copper | mg/kg | 22 | 22 | 100 | 7.81 | 24.3 | 16.15 | 4.671 | -- | -- | 17.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 22 | 27 | 0.0016 | 0.046 | 0.0141 | 0.0166 | 0.0007 | 0.013 | 0.00892 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 22 | 50 | 0.0012 | 0.05 | 0.0171 | 0.0161 | 0.0009 | 0.0069 | 0.0148 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte05ft | lead | mg/kg | 22 | 22 | 100 | 0.785 | 39.1 | 7.892 | 8.747 | -- | -- | 12.85 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 301 244th st | lte05ft | naphthalene | mg/kg | 10 | 22 | 45 | 0.00042 | 0.026 | 0.00801 | 0.00894 | 0.00026 | 0.00043 | 0.00652 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | pyrene | mg/kg | 21 | 22 | 95 | 0.0009 | 0.62 | 0.0809 | 0.15 | 0.0008 | 0.0008 | 0.215 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 301 244th st | lte05ft | toluene | µg/kg | 13 | 22 | 59 | 0.13 | 1.1 | 0.407 | 0.291 | 0.12 | 0.2 | 0.391 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | tph as diesel | mg/kg | 13 | 22 | 59 | 5.5 | 920 | 180.9 | 261.3 | 4.8 | 4.8 | 192.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | tph as gasoline | mg/kg | 10 | 22 | 45 | 0.049 | 0.21 | 0.114 | 0.0546 | 0.048 | 0.055 | 0.105 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte05ft | tph as motor oil | mg/kg | 12 | 22 | 55 | 8.2 | 1700 | 508.6 | 620.6 | 7 | 7 | 505 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte05ft | vanadium | mg/kg | 22 | 22 | 100 | 14.4 | 44.2 | 31.2 | 7.926 | -- | -- | 34.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte05ft | zinc | mg/kg | 22 | 22 | 100 | 24.1 | 120 | 46.7 | 20.97 | -- | -- | 53.94 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 301 244th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 29 | 24 | 0.15 | 1.5 | 0.589 | 0.471 | 0.09 | 0.15 | 0.432 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 301 244th st | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 29 | 24 | 0.0015 | 0.015 | 0.00756 | 0.00484 | 0.0011 | 0.043 | 0.00751 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 21 | 29 | 72 | 0.0007 | 0.071 | 0.0126 | 0.0163 | 0.0006 | 0.0006 | 0.0214 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | arsenic | mg/kg | 24 | 29 | 83 | 0.476 | 14 | 3.262 | 3.488 | 0.398 | 0.398 | 5.494 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 301 244th st | lte10ft | bap teq | mg/kg | 20 | 29 | 69 | 0.000537 | 0.212 | 0.0339 | 0.0531 | 0.00053 | 0.00053 | 0.0404 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | benzene | µg/kg | 15 | 29 | 52 | 0.13 | 0.62 | 0.271 | 0.135 | 0.1 | 0.18 | 0.241 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | benzo (a) anthracene | mg/kg | 16 | 29 | 55 | 0.0007 | 0.17 | 0.0285 | 0.0432 | 0.0007 | 0.0007 | 0.0286 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | benzo (a) pyrene | mg/kg | 19 | 29 | 66 | 0.0006 | 0.16 | 0.0257 | 0.0402 | 0.0005 | 0.0005 | 0.0291 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 14 | 29 | 48 | 0.0006 | 0.12 | 0.0276 | 0.0354 | 0.0004 | 0.0014 | 0.0226 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 301 244th st | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 29 | 21 | 0.0013 | 0.18 | 0.043 | 0.07 | 0.0011 | 0.045 | 0.0217 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 13 | 29 | 45 | 0.18 | 0.67 | 0.488 | 0.112 | 0.16 | 0.66 | 0.493 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 301 244th st | lte10ft | chrysene | mg/kg | 20 | 29 | 69 | 0.0013 | 0.53 | 0.0954 | 0.153 | 0.0012 | 0.0012 | 0.113 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | cobalt | mg/kg | 29 | 29 | 100 | 2.84 | 17.4 | 10.76 | 3.113 | -- | -- | 11.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte10ft | copper | mg/kg | 29 | 29 | 100 | 7.81 | 37.7 | 18.65 | 7.083 | -- | -- | 21 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 29 | 21 | 0.0016 | 0.046 | 0.0141 | 0.0166 | 0.0007 | 0.013 | 0.00716 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 29 | 41 | 0.0012 | 0.05 | 0.0158 | 0.016 | 0.0009 | 0.0069 | 0.0113 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | lead | mg/kg | 28 | 29 | 97 | 0.785 | 39.1 | 7.353 | 7.857 | 0.181 | 0.181 | 13.45 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 301 244th st | lte10ft | naphthalene | mg/kg | 17 | 29 | 59 | 0.00042 | 0.026 | 0.00665 | 0.00765 | 0.00026 | 0.00043 | 0.00946 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 301 244th st | lte10ft | pyrene | mg/kg | 27 | 29 | 93 | 0.0009 | 0.62 | 0.0655 | 0.135 | 0.0008 | 0.0008 | 0.168 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 301 244th st | lte10ft | toluene | µg/kg | 15 | 29 | 52 | 0.13 | 1.1 | 0.38 | 0.279 | 0.12 | 0.2 | 0.335 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | tph as diesel | mg/kg | 13 | 29 | 45 | 5.5 | 920 | 180.9 | 261.3 | 4.8 | 4.8 | 146.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | tph as gasoline | mg/kg | 11 | 29 | 38 | 0.049 | 0.21 | 0.113 | 0.052 | 0.047 | 0.055 | 0.098 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte10ft | tph as motor oil | mg/kg | 12 | 29 | 41 | 8.2 | 1700 | 508.6 | 620.6 | 7 | 7 | 365.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 301 244th st | lte10ft | vanadium | mg/kg | 29 | 29 | 100 | 14.4 | 48.4 | 33.97 | 8.911 | -- | -- | 36.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 301 244th st | lte10ft | zinc | mg/kg | 29 | 29 | 100 | 24.1 | 120 | 46.65 | 18.47 | -- | -- | 52.03 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 305 244th st | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 3.42 | 28.2 | 14.49 | 7.321 | -- | -- | 18.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 7.23 | 17.8 | 10.84 | 3.335 | -- | -- | 12.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 9.9 | 48 | 23.89 | 12.95 | -- | -- | 33.94 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 3.72 | 12.1 | 6.722 | 2.885 | -- | -- | 8.633 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 23 | 59.1 | 40.35 | 11.46 | -- | -- | 46.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 30.9 | 80.5 | 48.74 | 14.66 | -- | -- | 56.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 27 | 19 | 0.17 | 21 | 6.592 | 8.897 | 0.0011 | 0.021 | 4.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 27 | 56 | 0.001 | 7.2 | 1.017 | 2.336 | 0.0006 | 0.012 | 2.09 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | lte02ft | arsenic | mg/kg | 27 | 27 | 100 | 1.91 | 13.1 | 5.979 | 2.48 | -- | -- | 6.793 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte02ft | bap teq | mg/kg | 21 | 27 | 78 | 0.000989 | 6.817 | 0.96 | 2.137 | 0.00053 | 0.00053 | 2.365 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte02ft | benzene | µg/kg | 14 | 27 | 52 | 0.12 | 0.47 | 0.189 | 0.0903 | 0.1 | 13 | 0.19 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte02ft | benzo (a) anthracene | mg/kg | 17 | 27 | 63 | 0.0027 | 12 | 1.819 | 3.777 | 0.0007 | 0.013 | 3.772 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte02ft | benzo (a) pyrene | mg/kg | 21 | 27 | 78 | 0.0007 | 4.5 | 0.672 | 1.484 | 0.0005 | 0.0005 | 1.646 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 19 | 27 | 70 | 0.0006 | 2.8 | 0.452 | 0.953 | 0.0004 | 0.0014 | 1.012 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | lte02ft | cadmium | mg/kg | 5 | 27 | 19 | 0.195 | 0.482 | 0.32 | 0.128 | 0.0883 | 0.0883 | 0.293 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte02ft | chrysene | mg/kg | 21 | 27 | 78 | 0.0015 | 27 | 3.879 | 8.913 | 0.0012 | 0.0012 | 9.756 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte02ft | cobalt | mg/kg | 27 | 27 | 100 | 5.9 | 13.6 | 9.591 | 1.972 | -- | -- | 10.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte02ft | copper | mg/kg | 27 | 27 | 100 | 6.36 | 24.2 | 14.4 | 5.245 | -- | -- | 16.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 27 | 22 | 0.0025 | 0.85 | 0.19 | 0.34 | 0.0007 | 0.41 | 0.105 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 305 244th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 27 | 48 | 0.0011 | 1.8 | 0.422 | 0.689 | 0.0009 | 0.017 | 0.645 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte02ft | lead | mg/kg | 27 | 27 | 100 | 3.76 | 115 | 18.59 | 23.34 | -- | -- | 25.55 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | lte02ft | naphthalene | mg/kg | 6 | 27 | 22 | 0.001 | 1.5 | 0.448 | 0.572 | 0.00023 | 0.00073 | 0.331 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte02ft | pyrene | mg/kg | 22 | 27 | 81 | 0.0009 | 38 | 4.978 | 11.79 | 0.0008 | 0.0008 | 13.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte02ft | toluene | µg/kg | 12 | 27 | 44 | 0.13 | 0.85 | 0.253 | 0.203 | 0.1 | 52 | 0.251 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte02ft | tph as diesel | mg/kg | 17 | 27 | 63 | 45 | 40000 | 5185 | 10741 | 4.8 | 4.8 | 10746 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte02ft | tph as gasoline | mg/kg | 8 | 27 | 30 | 0.055 | 50 | 11.06 | 18.1 | 0.045 | 0.059 | 12.73 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte02ft | tph as motor oil | mg/kg | 18 | 27 | 67 | 42 | 70000 | 9773 | 19007 | 7 | 7 | 20137 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | lte02ft | vanadium | mg/kg | 27 | 27 | 100 | 19.9 | 42.2 | 31.67 | 5.776 | -- | -- | 33.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte02ft | zinc | mg/kg | 27 | 27 | 100 | 22.4 | 122 | 50.67 | 21.34 | -- | -- | 57.96 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 305 244th st | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 43 | 21 | 0.0017 | 21 | 6.185 | 8.899 | 0.0011 | 0.25 | 2.544 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 305 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 43 | 49 | 0.0008 | 19 | 1.708 | 4.439 | 0.0006 | 0.23 | 2.978 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | arsenic | mg/kg | 43 | 43 | 100 | 1.91 | 16.8 | 6.397 | 2.711 | -- | -- | 7.278 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | lte05ft | bap teq | mg/kg | 30 | 43 | 70 | 0.000788 | 8.597 | 1.009 | 2.313 | 0.00053 | 0.00053 | 2.026 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | benzene | µg/kg | 16 | 43 | 37 | 0.12 | 0.47 | 0.183 | 0.0858 | 0.099 | 14 | 0.165 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | benzo (a) anthracene | mg/kg | 25 | 43 | 58 | 0.0021 | 12 | 1.785 | 3.821 | 0.0007 | 0.013 | 3.065 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 305 244th st | lte05ft | benzo (a) pyrene | mg/kg | 30 | 43 | 70 | 0.0005 | 5.6 | 0.692 | 1.565 | 0.0005 | 0.0005 | 1.378 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 24 | 43 | 56 | 0.0006 | 2.8 | 0.369 | 0.86 | 0.0004 | 4.1 | 0.666 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | cadmium | mg/kg | 9 | 43 | 21 | 0.15 | 1.39 | 0.417 | 0.383 | 0.0883 | 0.135 | 0.26 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 305 244th st | lte05ft | chromium, hexavalent | mg/kg | 6 | 38 | 16 | 0.22 | 0.52 | 0.328 | 0.137 | 0.22 | 0.22 | 0.268 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte05ft | chrysene | mg/kg | 30 | 43 | 70 | 0.0014 | 40 | 4.226 | 10.14 | 0.0012 | 0.0012 | 8.732 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | cobalt | mg/kg | 43 | 43 | 100 | 5.9 | 21.2 | 10.62 | 2.862 | -- | -- | 11.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 305 244th st | lte05ft | copper | mg/kg | 43 | 43 | 100 | 6.36 | 78.3 | 17.8 | 10.82 | -- | -- | 20.12 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 305 244th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 43 | 21 | 0.0017 | 0.85 | 0.129 | 0.284 | 0.0007 | 4.1 | 0.126 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 43 | 37 | 0.0011 | 1.8 | 0.344 | 0.638 | 0.0009 | 4.3 | 0.421 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | lead | mg/kg | 43 | 43 | 100 | 3.76 | 115 | 19.54 | 26.46 | -- | -- | 37.13 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | naphthalene | mg/kg | 10 | 43 | 23 | 0.001 | 1.5 | 0.4 | 0.571 | 0.00023 | 0.00073 | 0.178 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 305 244th st | lte05ft | pyrene | mg/kg | 30 | 43 | 70 | 0.0009 | 73 | 6.388 | 16.21 | 0.0008 | 0.0008 | 13.67 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | toluene | µg/kg | 14 | 43 | 33 | 0.13 | 88 | 6.537 | 23.45 | 0.1 | 52 | 11.35 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | tph as diesel | mg/kg | 23 | 43 | 53 | 45 | 82000 | 10355 | 21898 | 4.8 | 4.8 | 16764 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | tph as gasoline | mg/kg | 9 | 43 | 21 | 0.055 | 57 | 16.17 | 22.83 | 0.0001 | 0.059 | 11.77 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte05ft | tph as motor oil | mg/kg | 24 | 43 | 56 | 42 | 170000 | 20366 | 43653 | 7 | 7 | 34122 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | lte05ft | vanadium | mg/kg | 43 | 43 | 100 | 19.9 | 56.6 | 33.82 | 6.729 | -- | -- | 35.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte05ft | zinc | mg/kg | 43 | 43 | 100 | 22.4 | 544 | 65.09 | 79.13 | -- | -- | 117.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 54 | 19 | 0.0017 | 21 | 5.567 | 8.614 | 0.0011 | 0.25 | 2.024 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 305 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 23 | 54 | 43 | 0.0008 | 19 | 1.56 | 4.261 | 0.0006 | 0.23 | 2.38 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | arsenic | mg/kg | 54 | 54 | 100 | 1.91 | 28.2 | 8.046 | 5.174 | -- | -- | 9.27 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | lte10ft | bap teq | mg/kg | 33 | 54 | 61 | 0.000575 | 8.597 | 0.917 | 2.221 | 0.00053 | 0.00053 | 1.625 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | benzene | µg/kg | 18 | 54 | 33 | 0.12 | 0.47 | 0.179 | 0.0815 | 0.099 | 14 | 0.157 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | benzo (a) anthracene | mg/kg | 28 | 54 | 52 | 0.0008 | 12 | 1.593 | 3.646 | 0.0007 | 0.013 | 2.457 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | benzo (a) pyrene | mg/kg | 31 | 54 | 57 | 0.0005 | 5.6 | 0.67 | 1.544 | 0.0005 | 0.0005 | 1.107 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 24 | 54 | 44 | 0.0006 | 2.8 | 0.369 | 0.86 | 0.0004 | 4.1 | 0.532 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | cadmium | mg/kg | 9 | 54 | 17 | 0.15 | 1.39 | 0.417 | 0.383 | 0.0883 | 0.135 | 0.237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 305 244th st | lte10ft | chromium, hexavalent | mg/kg | 9 | 49 | 18 | 0.22 | 0.52 | 0.309 | 0.117 | 0.22 | 0.22 | 0.254 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | chrysene | mg/kg | 30 | 54 | 56 | 0.0014 | 40 | 4.226 | 10.14 | 0.0012 | 0.0012 | 7.009 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | cobalt | mg/kg | 54 | 54 | 100 | 5.9 | 21.2 | 10.67 | 2.933 | -- | -- | 11.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 305 244th st | lte10ft | copper | mg/kg | 54 | 54 | 100 | 6.36 | 78.3 | 19.04 | 11.43 | -- | -- | 21.76 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 54 | 17 | 0.0017 | 0.85 | 0.129 | 0.284 | 0.0007 | 4.1 | 0.101 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 54 | 30 | 0.0011 | 1.8 | 0.344 | 0.638 | 0.0009 | 4.3 | 0.336 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | lead | mg/kg | 54 | 54 | 100 | 3.72 | 115 | 16.93 | 24.16 | -- | -- | 31.26 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | naphthalene | mg/kg | 11 | 54 | 20 | 0.001 | 1.5 | 0.364 | 0.554 | 0.00023 | 0.00073 | 0.142 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 305 244th st | lte10ft | pyrene | mg/kg | 32 | 54 | 59 | 0.0009 | 73 | 5.989 | 15.75 | 0.0008 | 0.0008 | 10.96 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | toluene | µg/kg | 14 | 54 | 26 | 0.13 | 88 | 6.537 | 23.45 | 0.1 | 52 | 9.085 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | tph as diesel | mg/kg | 23 | 54 | 43 | 45 | 82000 | 10355 | 21898 | 4.8 | 4.8 | 13460 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | tph as gasoline | mg/kg | 10 | 54 | 19 | 0.055 | 57 | 14.56 | 22.12 | 0.0001 | 0.062 | 9.395 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 305 244th st | lte10ft | tph as motor oil | mg/kg | 25 | 54 | 46 | 28 | 170000 | 19552 | 42927 | 7 | 7 | 27368 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 305 244th st | lte10ft | vanadium | mg/kg | 54 | 54 | 100 | 19.9 | 59.1 | 35.15 | 8.229 | -- | -- | 37.05 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 305 244th st | lte10ft | zinc | mg/kg | 54 | 54 | 100 | 22.4 | 544 | 61.76 | 71.04 | -- | -- | 79.3 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 12 | 42 | 0.1 | 370 | 74.11 | 165.4 | 0.093 | 0.11 | 174.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 5 | 12 | 42 | 0.0019 | 22 | 4.403 | 9.837 | 0.0006 | 0.0006 | 10.39 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 2.3 | 39.6 | 10.4 | 9.948 | -- | -- | 15.91 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 311 244th st | gt05lte10ft | bap teq | mg/kg | 8 | 12 | 67 | 0.000956 | 0.676 | 0.0917 | 0.236 | 0.00053 | 0.00053 | 0.311 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | gt05lte10ft | benzene | µg/kg | 8 | 12 | 67 | 0.14 | 25 | 3.616 | 8.673 | 0.11 | 0.13 | 11.64 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 12 | 58 | 0.0013 | 1.1 | 0.166 | 0.412 | 0.0007 | 0.0007 | 0.508 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 12 | 67 | 0.0006 | 0.44 | 0.0602 | 0.154 | 0.0005 | 0.0005 | 0.203 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0009 | 0.01 | 0.00395 | 0.00313 | 0.0004 | 0.14 | 0.00456 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 12 | 42 | 0.0019 | 0.0091 | 0.00356 | 0.0031 | 0.0011 | 0.45 | 0.00393 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | gt05lte10ft | chrysene | mg/kg | 7 | 12 | 58 | 0.0012 | 3.3 | 0.491 | 1.239 | 0.0012 | 0.0012 | 1.522 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 5.54 | 12.3 | 7.756 | 1.925 | -- | -- | 8.754 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 9.93 | 34 | 17.45 | 6.538 | -- | -- | 20.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 12 | 50 | 0.0011 | 0.0092 | 0.00325 | 0.00299 | 0.0009 | 0.35 | 0.00363 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 2.74 | 17.6 | 5.628 | 4.021 | -- | -- | 7.694 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 311 244th st | gt05lte10ft | naphthalene | mg/kg | 8 | 12 | 67 | 0.0011 | 8.5 | 1.067 | 3.003 | 0.0003 | 0.00031 | 3.871 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | gt05lte10ft | pyrene | mg/kg | 10 | 12 | 83 | 0.0012 | 8.8 | 0.904 | 2.775 | 0.0008 | 0.0008 | 3.972 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | gt05lte10ft | toluene | µg/kg | 8 | 12 | 67 | 0.15 | 38 | 5.056 | 13.31 | 0.12 | 0.14 | 17.45 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 311 244th st | gt05lte10ft | tph as diesel | mg/kg | 6 | 12 | 50 | 6.5 | 8400 | 1453 | 3403 | 4.8 | 4.8 | 3918 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | gt05lte10ft | tph as motor oil | mg/kg | 6 | 12 | 50 | 17 | 8700 | 1561 | 3499 | 7 | 7 | 4079 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 18.5 | 54.4 | 29.29 | 11.14 | -- | -- | 35.46 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 24.9 | 62.5 | 36.63 | 10.17 | -- | -- | 41.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 31 | 55 | 0.0007 | 2.3 | 0.15 | 0.555 | 0.0006 | 1.8 | 0.411 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte02ft | antimony | mg/kg | 14 | 31 | 45 | 0.404 | 1.08 | 0.628 | 0.216 | 0.149 | 0.306 | 0.572 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte02ft | arsenic | mg/kg | 31 | 31 | 100 | 2.14 | 13.5 | 6.024 | 2.367 | -- | -- | 6.858 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 311 244th st | lte02ft | bap teq | mg/kg | 29 | 31 | 94 | 0.000565 | 5.305 | 0.575 | 1.487 | 0.00053 | 0.00053 | 1.67 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte02ft | benzene | µg/kg | 15 | 31 | 48 | 0.11 | 2.6 | 0.722 | 0.934 | 0.1 | 13 | 0.673 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte02ft | benzo (a) anthracene | mg/kg | 27 | 31 | 87 | 0.0007 | 9.3 | 0.702 | 2.012 | 0.0007 | 0.0007 | 2.093 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte02ft | benzo (a) pyrene | mg/kg | 28 | 31 | 90 | 0.0012 | 3.7 | 0.439 | 1.101 | 0.0005 | 0.0005 | 1.222 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 23 | 31 | 74 | 0.0007 | 2.7 | 0.351 | 0.831 | 0.0004 | 0.007 | 0.834 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 31 | 26 | 0.0013 | 0.011 | 0.00465 | 0.00411 | 0.0011 | 1.4 | 0.00398 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 311 244th st | lte02ft | cadmium | mg/kg | 16 | 31 | 52 | 0.0916 | 0.631 | 0.271 | 0.181 | 0.0883 | 0.135 | 0.233 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte02ft | chrysene | mg/kg | 27 | 31 | 87 | 0.0014 | 21 | 2.062 | 5.593 | 0.0012 | 0.0012 | 5.92 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte02ft | cobalt | mg/kg | 31 | 31 | 100 | 5.95 | 12.8 | 9.411 | 1.506 | -- | -- | 9.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte02ft | copper | mg/kg | 31 | 31 | 100 | 8.57 | 39.4 | 21.09 | 6.754 | -- | -- | 23.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 31 | 52 | 0.001 | 1.2 | 0.0946 | 0.297 | 0.0009 | 1.1 | 0.222 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte02ft | lead | mg/kg | 31 | 31 | 100 | 4.73 | 204 | 33.63 | 47.42 | -- | -- | 70.76 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte02ft | naphthalene | mg/kg | 15 | 31 | 48 | 0.00034 | 0.074 | 0.00828 | 0.0186 | 0.00026 | 0.081 | 0.01 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | lte02ft | pyrene | mg/kg | 29 | 31 | 94 | 0.0018 | 62 | 4.129 | 12.65 | 0.0008 | 0.0008 | 13.48 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte02ft | toluene | µg/kg | 15 | 31 | 48 | 0.14 | 2.9 | 0.577 | 0.696 | 0.11 | 52 | 0.533 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte02ft | tph as diesel | mg/kg | 22 | 31 | 71 | 7.7 | 57000 | 5906 | 13526 | 4.8 | 4.8 | 13369 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | lte02ft | tph as gasoline | mg/kg | 11 | 31 | 35 | 0.053 | 0.29 | 0.13 | 0.0785 | 0.041 | 0.42 | 0.104 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte02ft | tph as motor oil | mg/kg | 22 | 31 | 71 | 15 | 130000 | 13489 | 30585 | 7 | 7 | 30336 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | lte02ft | vanadium | mg/kg | 31 | 31 | 100 | 19 | 46.6 | 32.52 | 6.435 | -- | -- | 34.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte02ft | zinc | mg/kg | 31 | 31 | 100 | 25.6 | 189 | 63.46 | 31.64 | -- | -- | 72.71 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 59 | 20 | 0.12 | 5000 | 703.9 | 1541 | 0.089 | 90 | 307.7 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 311 244th st | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 59 | 10 | 0.71 | 660 | 203.6 | 257.5 | 0.075 | 85 | 123.4 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 59 | 25 | 0.0045 | 110 | 20.95 | 33.18 | 0.0011 | 4 | 9.516 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 30 | 59 | 51 | 0.0007 | 110 | 10.85 | 27.54 | 0.0006 | 3.6 | 17.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | antimony | mg/kg | 19 | 59 | 32 | 0.404 | 1.09 | 0.663 | 0.214 | 0.149 | 0.306 | 0.539 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte05ft | arsenic | mg/kg | 59 | 59 | 100 | 0.745 | 13.5 | 6.402 | 2.565 | -- | -- | 6.961 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte05ft | bap teq | mg/kg | 55 | 59 | 93 | 0.000565 | 33.31 | 2.353 | 5.811 | 0.00053 | 0.00053 | 5.395 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | lte05ft | benzene | µg/kg | 28 | 59 | 47 | 0.11 | 150 | 9.794 | 31.7 | 0.1 | 20 | 17.43 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | benzo (a) anthracene | mg/kg | 49 | 59 | 83 | 0.0007 | 47 | 3.466 | 8.211 | 0.0007 | 0.0052 | 7.19 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | benzo (a) pyrene | mg/kg | 54 | 59 | 92 | 0.0005 | 22 | 1.712 | 4.096 | 0.0005 | 0.0005 | 3.808 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 43 | 59 | 73 | 0.0007 | 16 | 1.206 | 2.849 | 0.0004 | 2.5 | 2.297 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | benzo (k) fluoranthene | mg/kg | 13 | 59 | 22 | 0.0013 | 0.051 | 0.0113 | 0.0169 | 0.0011 | 17 | 0.00799 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 6 | 59 | 10 | 0.17 | 0.6 | 0.382 | 0.186 | 0.13 | 96 | 0.366 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte05ft | cadmium | mg/kg | 41 | 59 | 69 | 0.0916 | 3.76 | 0.43 | 0.72 | 0.0883 | 0.135 | 0.474 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | chromium, hexavalent | mg/kg | 5 | 39 | 13 | 0.067 | 0.42 | 0.193 | 0.141 | 0.038 | 0.22 | 0.191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte05ft | chrysene | mg/kg | 51 | 59 | 86 | 0.0014 | 130 | 9.296 | 22.65 | 0.0012 | 0.0012 | 20.13 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | lte05ft | cobalt | mg/kg | 59 | 59 | 100 | 2.36 | 14.2 | 9.452 | 2.326 | -- | -- | 9.958 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | copper | mg/kg | 59 | 59 | 100 | 8.57 | 115 | 26.59 | 17.15 | -- | -- | 30.5 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 9 | 59 | 15 | 0.0009 | 0.081 | 0.0267 | 0.03 | 0.0007 | 13 | 0.0122 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte05ft | ethylbenzene | µg/kg | 7 | 59 | 12 | 0.63 | 1200 | 334.6 | 518.2 | 0.12 | 23 | 86.67 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 27 | 59 | 46 | 0.001 | 2.7 | 0.167 | 0.556 | 0.0009 | 13 | 0.313 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | lead | mg/kg | 59 | 59 | 100 | 4.73 | 254 | 45.42 | 57.96 | -- | -- | 78.31 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | naphthalene | mg/kg | 31 | 59 | 53 | 0.00034 | 23 | 1.579 | 5.107 | 0.00026 | 0.081 | 2.979 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | pyrene | mg/kg | 56 | 59 | 95 | 0.0009 | 180 | 16.15 | 38.59 | 0.0008 | 0.0008 | 36.76 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | thallium | mg/kg | 7 | 59 | 12 | 0.168 | 0.357 | 0.227 | 0.0646 | 0.152 | 0.232 | 0.202 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte05ft | toluene | µg/kg | 29 | 59 | 49 | 0.13 | 360 | 24.31 | 73.51 | 0.11 | 79 | 42.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | tph as diesel | mg/kg | 43 | 59 | 73 | 7.7 | 140000 | 19946 | 32005 | 4.8 | 4.8 | 30858 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | tph as gasoline | mg/kg | 23 | 59 | 39 | 0.049 | 760 | 46.96 | 167.5 | 0.041 | 0.42 | 79.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | tph as motor oil | mg/kg | 44 | 59 | 75 | 14 | 320000 | 37590 | 64491 | 7 | 7 | 61007 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte05ft | vanadium | mg/kg | 59 | 59 | 100 | 12.3 | 51.9 | 34.21 | 8.485 | -- | -- | 36.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte05ft | xylenes, total | µg/kg | 5 | 44 | 11 | 4.1 | 3700 | 819.7 | 1616 | 0.15 | 86 | 253.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte05ft | zinc | mg/kg | 59 | 59 | 100 | 25.6 | 1140 | 117.9 | 193.6 | -- | -- | 227.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 311 244th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 71 | 24 | 0.1 | 5000 | 518.7 | 1315 | 0.089 | 90 | 477.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 71 | 10 | 0.71 | 660 | 181.1 | 242.5 | 0.075 | 85 | 37.48 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte10ft | 1-methylnaphthalene | mg/kg | 18 | 71 | 25 | 0.0016 | 110 | 18.57 | 30.86 | 0.0011 | 4 | 8.199 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 35 | 71 | 49 | 0.0007 | 110 | 9.929 | 25.76 | 0.0006 | 3.6 | 14.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | antimony | mg/kg | 22 | 71 | 31 | 0.39 | 1.09 | 0.642 | 0.212 | 0.149 | 0.306 | 0.501 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte10ft | arsenic | mg/kg | 71 | 71 | 100 | 0.745 | 39.6 | 7.078 | 4.825 | -- | -- | 9.574 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | bap teq | mg/kg | 63 | 71 | 89 | 0.000565 | 33.31 | 2.066 | 5.477 | 0.00053 | 0.00053 | 4.523 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | benzene | µg/kg | 36 | 71 | 51 | 0.11 | 150 | 8.421 | 28.23 | 0.1 | 20 | 14.97 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | benzo (a) anthracene | mg/kg | 56 | 71 | 79 | 0.0007 | 47 | 3.053 | 7.751 | 0.0007 | 0.0052 | 6.028 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | benzo (a) pyrene | mg/kg | 62 | 71 | 87 | 0.0005 | 22 | 1.499 | 3.859 | 0.0005 | 0.0005 | 3.193 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 49 | 71 | 69 | 0.0007 | 16 | 1.059 | 2.695 | 0.0004 | 2.5 | 1.92 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | benzo (k) fluoranthene | mg/kg | 18 | 71 | 25 | 0.0013 | 0.051 | 0.00913 | 0.0147 | 0.0011 | 17 | 0.00678 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 7 | 71 | 10 | 0.17 | 0.6 | 0.37 | 0.172 | 0.13 | 96 | 0.334 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte10ft | cadmium | mg/kg | 44 | 71 | 62 | 0.0916 | 3.76 | 0.42 | 0.696 | 0.0883 | 0.135 | 0.431 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | chromium, hexavalent | mg/kg | 5 | 51 | 10 | 0.067 | 0.42 | 0.193 | 0.141 | 0.038 | 0.22 | 0.182 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte10ft | chrysene | mg/kg | 58 | 71 | 82 | 0.0012 | 130 | 8.234 | 21.41 | 0.0012 | 0.0012 | 16.88 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | cobalt | mg/kg | 71 | 71 | 100 | 2.36 | 14.2 | 9.165 | 2.34 | -- | -- | 9.628 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte10ft | copper | mg/kg | 71 | 71 | 100 | 8.57 | 115 | 25.05 | 16.2 | -- | -- | 28.4 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 13 | 71 | 18 | 0.0009 | 0.081 | 0.019 | 0.0273 | 0.0007 | 13 | 0.0144 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 311 244th st | lte10ft | ethylbenzene | µg/kg | 9 | 71 | 13 | 0.22 | 1200 | 284.7 | 462.9 | 0.12 | 23 | 74.46 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 33 | 71 | 46 | 0.001 | 2.7 | 0.137 | 0.505 | 0.0009 | 13 | 0.258 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | lead | mg/kg | 71 | 71 | 100 | 2.74 | 254 | 38.69 | 54.88 | -- | -- | 67.08 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | naphthalene | mg/kg | 39 | 71 | 55 | 0.00034 | 23 | 1.474 | 4.722 | 0.00026 | 0.081 | 2.66 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | pyrene | mg/kg | 66 | 71 | 93 | 0.0009 | 180 | 13.84 | 35.94 | 0.0008 | 0.0008 | 30.89 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | thallium | mg/kg | 7 | 71 | 10 | 0.168 | 0.357 | 0.227 | 0.0646 | 0.152 | 0.232 | 0.202 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte10ft | toluene | µg/kg | 37 | 71 | 52 | 0.13 | 360 | 20.15 | 65.59 | 0.11 | 79 | 35.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | tph as diesel | mg/kg | 49 | 71 | 69 | 6.5 | 140000 | 17682 | 30577 | 4.8 | 4.8 | 26022 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | tph as gasoline | mg/kg | 26 | 71 | 37 | 0.049 | 760 | 52.7 | 164.9 | 0.041 | 0.42 | 72.65 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | tph as motor oil | mg/kg | 50 | 71 | 70 | 14 | 320000 | 33266 | 61570 | 7 | 7 | 51311 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 311 244th st | lte10ft | vanadium | mg/kg | 71 | 71 | 100 | 12.3 | 54.4 | 33.37 | 9.087 | -- | -- | 35.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 311 244th st | lte10ft | xylenes, total | µg/kg | 6 | 52 | 12 | 0.44 | 3700 | 683.1 | 1483 | 0.15 | 86 | 208.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 311 244th st | lte10ft | zinc | mg/kg | 71 | 71 | 100 | 24.9 | 1140 | 104.2 | 178.9 | -- | -- | 196.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 5 | 12 | 42 | 0.0015 | 0.015 | 0.00444 | 0.00591 | 0.0006 | 0.0006 | 0.00501 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 3.42 | 8.23 | 5.968 | 1.466 | -- | -- | 6.728 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | gt05lte10ft | bap teq | mg/kg | 7 | 12 | 58 | 0.00132 | 0.0213 | 0.00459 | 0.00736 | 0.00053 | 0.00053 | 0.00647 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 12 | 58 | 0.001 | 0.014 | 0.00339 | 0.00471 | 0.0007 | 0.0007 | 0.00448 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 12 | 58 | 0.0009 | 0.016 | 0.00336 | 0.00558 | 0.0005 | 0.0005 | 0.00479 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 12 | 58 | 0.0009 | 0.011 | 0.00244 | 0.00378 | 0.0004 | 0.0004 | 0.00345 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | gt05lte10ft | cadmium | mg/kg | 6 | 12 | 50 | 0.102 | 0.138 | 0.118 | 0.0138 | 0.0883 | 0.0883 | 0.12 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | gt05lte10ft | chrysene | mg/kg | 6 | 12 | 50 | 0.0013 | 0.039 | 0.00958 | 0.0145 | 0.0012 | 0.0012 | 0.0113 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 317 244th st | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 6.35 | 12 | 9.227 | 1.853 | -- | -- | 10.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 11.2 | 28.5 | 18.96 | 5.058 | -- | -- | 21.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 4.08 | 11.3 | 7.223 | 2.15 | -- | -- | 8.338 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | gt05lte10ft | naphthalene | mg/kg | 5 | 12 | 42 | 0.0012 | 0.0064 | 0.0033 | 0.00261 | 0.00027 | 0.00033 | 0.00338 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | gt05lte10ft | pyrene | mg/kg | 7 | 12 | 58 | 0.0013 | 0.05 | 0.0117 | 0.0174 | 0.0008 | 0.0008 | 0.0159 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 317 244th st | gt05lte10ft | toluene | µg/kg | 7 | 12 | 58 | 0.13 | 0.29 | 0.186 | 0.0648 | 0.12 | 0.15 | 0.193 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | gt05lte10ft | tph as motor oil | mg/kg | 5 | 12 | 42 | 10 | 840 | 197.2 | 360.2 | 7 | 7 | 219.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 317 244th st | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 20.1 | 41 | 31.27 | 7.151 | -- | -- | 34.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 27.3 | 58.8 | 44.28 | 10.84 | -- | -- | 49.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 33 | 33 | 0.097 | 0.41 | 0.199 | 0.11 | 0.091 | 0.84 | 0.17 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 317 244th st | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 33 | 24 | 0.002 | 26 | 6.256 | 9.2 | 0.0011 | 0.1 | 3.099 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 317 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 33 | 42 | 0.0016 | 25 | 2.719 | 6.78 | 0.0006 | 0.09 | 4.668 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | arsenic | mg/kg | 33 | 33 | 100 | 0.887 | 11 | 6.389 | 2.695 | -- | -- | 8.433 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | bap teq | mg/kg | 27 | 33 | 82 | 0.000975 | 13.07 | 1.296 | 3.511 | 0.00053 | 0.00053 | 3.501 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte02ft | benzene | µg/kg | 20 | 33 | 61 | 0.13 | 0.58 | 0.261 | 0.134 | 0.11 | 0.19 | 0.253 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte02ft | benzo (a) anthracene | mg/kg | 25 | 33 | 76 | 0.0009 | 19 | 1.883 | 5.189 | 0.0007 | 0.013 | 4.911 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | benzo (a) pyrene | mg/kg | 26 | 33 | 79 | 0.0006 | 9 | 0.949 | 2.484 | 0.0005 | 0.0025 | 2.448 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 25 | 33 | 76 | 0.0005 | 5.2 | 0.515 | 1.372 | 0.0004 | 0.0018 | 1.313 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte02ft | benzo (k) fluoranthene | mg/kg | 12 | 33 | 36 | 0.0012 | 2.3 | 0.468 | 0.858 | 0.0011 | 0.56 | 0.602 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 317 244th st | lte02ft | cadmium | mg/kg | 33 | 33 | 100 | 0.0974 | 0.425 | 0.199 | 0.0896 | -- | -- | 0.226 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 317 244th st | lte02ft | chrysene | mg/kg | 26 | 33 | 79 | 0.0016 | 69 | 6.208 | 18.28 | 0.0012 | 0.0012 | 17.36 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | cobalt | mg/kg | 33 | 33 | 100 | 3.8 | 13.9 | 9.527 | 2.253 | -- | -- | 10.19 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | copper | mg/kg | 33 | 33 | 100 | 11.3 | 27.3 | 20.53 | 4.612 | -- | -- | 21.89 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 16 | 33 | 48 | 0.0007 | 1.6 | 0.262 | 0.554 | 0.0007 | 0.34 | 0.438 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 21 | 33 | 64 | 0.0018 | 2 | 0.275 | 0.615 | 0.0009 | 0.43 | 0.563 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | lead | mg/kg | 33 | 33 | 100 | 6.29 | 207 | 29.62 | 47.4 | -- | -- | 65.58 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | naphthalene | mg/kg | 12 | 33 | 36 | 0.00033 | 2.3 | 0.199 | 0.662 | 0.00025 | 0.00092 | 0.385 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | pyrene | mg/kg | 29 | 33 | 88 | 0.0009 | 140 | 11.59 | 36.46 | 0.0008 | 0.0008 | 36.28 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | toluene | µg/kg | 16 | 33 | 48 | 0.13 | 1.4 | 0.333 | 0.317 | 0.12 | 0.74 | 0.325 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte02ft | tph as diesel | mg/kg | 22 | 33 | 67 | 5.1 | 96000 | 9751 | 23391 | 4.8 | 4.8 | 21427 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte02ft | tph as gasoline | mg/kg | 6 | 33 | 18 | 0.075 | 0.38 | 0.15 | 0.114 | 0.043 | 0.072 | 0.126 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte02ft | tph as motor oil | mg/kg | 22 | 33 | 67 | 19 | 180000 | 19504 | 44301 | 7 | 7 | 41367 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte02ft | vanadium | mg/kg | 33 | 33 | 100 | 16.3 | 43.2 | 31.44 | 7.251 | -- | -- | 33.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | lte02ft | zinc | mg/kg | 33 | 33 | 100 | 31.1 | 158 | 59.87 | 28.2 | -- | -- | 68.53 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 46 | 33 | 0.097 | 0.41 | 0.184 | 0.101 | 0.091 | 0.84 | 0.155 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 46 | 20 | 0.0015 | 26 | 5.561 | 8.855 | 0.0011 | 0.1 | 2.219 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 317 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 46 | 35 | 0.0009 | 25 | 2.379 | 6.38 | 0.0006 | 0.09 | 3.361 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | arsenic | mg/kg | 46 | 46 | 100 | 0.887 | 20.2 | 7.961 | 4.006 | -- | -- | 10.54 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | bap teq | mg/kg | 34 | 46 | 74 | 0.000975 | 13.07 | 1.033 | 3.16 | 0.00053 | 0.00053 | 2.535 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | benzene | µg/kg | 29 | 46 | 63 | 0.13 | 0.78 | 0.269 | 0.155 | 0.11 | 0.19 | 0.259 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | benzo (a) anthracene | mg/kg | 30 | 46 | 65 | 0.0009 | 19 | 1.57 | 4.775 | 0.0007 | 0.016 | 3.55 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | benzo (a) pyrene | mg/kg | 32 | 46 | 70 | 0.0006 | 9 | 0.774 | 2.261 | 0.0005 | 0.0099 | 1.773 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 31 | 46 | 67 | 0.0005 | 5.2 | 0.416 | 1.244 | 0.0004 | 0.007 | 0.95 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 46 | 30 | 0.0012 | 2.3 | 0.401 | 0.807 | 0.0011 | 0.56 | 0.435 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | cadmium | mg/kg | 45 | 46 | 98 | 0.0974 | 0.425 | 0.197 | 0.0799 | 0.0883 | 0.0883 | 0.214 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 317 244th st | lte05ft | chrysene | mg/kg | 29 | 46 | 63 | 0.0016 | 69 | 5.566 | 17.38 | 0.0012 | 0.024 | 12.55 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | cobalt | mg/kg | 46 | 46 | 100 | 3.8 | 14.6 | 10.04 | 2.27 | -- | -- | 10.61 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | copper | mg/kg | 46 | 46 | 100 | 11.3 | 35.4 | 22.32 | 5.524 | -- | -- | 23.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 18 | 46 | 39 | 0.0007 | 1.6 | 0.235 | 0.526 | 0.0007 | 0.34 | 0.317 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 25 | 46 | 54 | 0.0018 | 2 | 0.235 | 0.57 | 0.0009 | 0.43 | 0.409 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | lead | mg/kg | 46 | 46 | 100 | 5.1 | 207 | 24.28 | 40.92 | -- | -- | 50.59 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | naphthalene | mg/kg | 18 | 46 | 39 | 0.00033 | 2.3 | 0.134 | 0.541 | 0.00025 | 0.00092 | 0.274 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | pyrene | mg/kg | 36 | 46 | 78 | 0.0009 | 140 | 9.336 | 32.94 | 0.0008 | 0.0008 | 26.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | toluene | µg/kg | 23 | 46 | 50 | 0.13 | 1.4 | 0.316 | 0.278 | 0.12 | 0.74 | 0.29 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte05ft | tph as diesel | mg/kg | 27 | 46 | 59 | 5.1 | 96000 | 8039 | 21340 | 4.8 | 4.8 | 15543 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte05ft | tph as gasoline | mg/kg | 6 | 46 | 13 | 0.075 | 0.38 | 0.15 | 0.114 | 0.043 | 0.076 | 0.117 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte05ft | tph as motor oil | mg/kg | 28 | 46 | 61 | 9.7 | 180000 | 15597 | 39815 | 7 | 7 | 30073 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte05ft | vanadium | mg/kg | 46 | 46 | 100 | 16.3 | 51 | 33.92 | 7.928 | -- | -- | 35.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | lte05ft | zinc | mg/kg | 46 | 46 | 100 | 31.1 | 158 | 58.23 | 24.42 | -- | -- | 64.52 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 58 | 29 | 0.097 | 0.41 | 0.177 | 0.0965 | 0.091 | 0.84 | 0.144 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 58 | 21 | 0.0015 | 26 | 4.173 | 7.958 | 0.0011 | 0.1 | 3.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 21 | 58 | 36 | 0.0009 | 25 | 1.814 | 5.621 | 0.0006 | 0.09 | 2.66 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | arsenic | mg/kg | 58 | 58 | 100 | 0.887 | 20.2 | 7.549 | 3.708 | -- | -- | 8.486 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 317 244th st | lte10ft | bap teq | mg/kg | 41 | 58 | 71 | 0.000975 | 13.07 | 0.857 | 2.897 | 0.00053 | 0.00053 | 2.019 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | benzene | µg/kg | 33 | 58 | 57 | 0.13 | 0.78 | 0.262 | 0.148 | 0.11 | 0.19 | 0.235 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | benzo (a) anthracene | mg/kg | 37 | 58 | 64 | 0.0009 | 19 | 1.273 | 4.33 | 0.0007 | 0.016 | 2.824 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | benzo (a) pyrene | mg/kg | 39 | 58 | 67 | 0.0006 | 9 | 0.635 | 2.064 | 0.0005 | 0.0099 | 1.412 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 38 | 58 | 66 | 0.0005 | 5.2 | 0.34 | 1.132 | 0.0004 | 0.007 | 0.756 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 58 | 26 | 0.0012 | 2.3 | 0.375 | 0.784 | 0.0011 | 0.56 | 0.346 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | cadmium | mg/kg | 51 | 58 | 88 | 0.0974 | 0.425 | 0.188 | 0.0794 | 0.0883 | 0.0883 | 0.196 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 317 244th st | lte10ft | chrysene | mg/kg | 35 | 58 | 60 | 0.0013 | 69 | 4.614 | 15.92 | 0.0012 | 0.024 | 9.981 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | cobalt | mg/kg | 58 | 58 | 100 | 3.8 | 14.6 | 9.875 | 2.2 | -- | -- | 10.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | lte10ft | copper | mg/kg | 58 | 58 | 100 | 11.2 | 35.4 | 21.63 | 5.56 | -- | -- | 22.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 20 | 58 | 34 | 0.0007 | 1.6 | 0.212 | 0.503 | 0.0007 | 0.34 | 0.253 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 27 | 58 | 47 | 0.0009 | 2 | 0.218 | 0.551 | 0.0009 | 0.43 | 0.326 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | lead | mg/kg | 58 | 58 | 100 | 4.08 | 207 | 20.75 | 37.04 | -- | -- | 41.95 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | naphthalene | mg/kg | 23 | 58 | 40 | 0.00033 | 2.3 | 0.106 | 0.478 | 0.00025 | 0.00092 | 0.217 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | pyrene | mg/kg | 43 | 58 | 74 | 0.0009 | 140 | 7.818 | 30.27 | 0.0008 | 0.0008 | 20.84 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 317 244th st | lte10ft | toluene | µg/kg | 30 | 58 | 52 | 0.13 | 1.4 | 0.286 | 0.251 | 0.12 | 0.74 | 0.264 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | tph as diesel | mg/kg | 31 | 58 | 53 | 5.1 | 96000 | 7015 | 20050 | 4.8 | 4.8 | 12384 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte10ft | tph as gasoline | mg/kg | 8 | 58 | 14 | 0.075 | 2.1 | 0.385 | 0.7 | 0.043 | 0.076 | 0.207 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 317 244th st | lte10ft | tph as motor oil | mg/kg | 33 | 58 | 57 | 9.7 | 180000 | 13264 | 37000 | 7 | 7 | 23974 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 317 244th st | lte10ft | vanadium | mg/kg | 58 | 58 | 100 | 16.3 | 51 | 33.37 | 7.789 | -- | -- | 35.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 317 244th st | lte10ft | zinc | mg/kg | 58 | 58 | 100 | 27.3 | 158 | 55.34 | 22.94 | -- | -- | 60.57 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 3.76 | 15.8 | 6.778 | 3.626 | -- | -- | 9.066 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | gt05lte10ft | bap teq | mg/kg | 5 | 10 | 50 | 0.000565 | 0.00591 | 0.00236 | 0.0023 | 0.00053 | 0.00053 | 0.00265 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 6.55 | 13 | 9.244 | 2.079 | -- | -- | 10.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 12.3 | 37.5 | 23.11 | 8.812 | -- | -- | 28.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.2 | 13 | 7.16 | 3.249 | -- | -- | 9.043 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | gt05lte10ft | pyrene | mg/kg | 6 | 10 | 60 | 0.0009 | 0.15 | 0.0286 | 0.0597 | 0.0008 | 0.0008 | 0.0465 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 21.9 | 57.9 | 37.58 | 11.46 | -- | -- | 44.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 29.9 | 66.2 | 45.31 | 12.43 | -- | -- | 52.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 20 | 35 | 0.0012 | 0.014 | 0.00616 | 0.00423 | 0.0011 | 0.021 | 0.00633 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 20 | 90 | 0.0007 | 0.022 | 0.00777 | 0.00711 | 0.0006 | 0.0006 | 0.014 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | antimony | mg/kg | 7 | 20 | 35 | 0.485 | 1.04 | 0.727 | 0.224 | 0.306 | 0.306 | 0.685 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 3.44 | 13.9 | 6.373 | 2.354 | -- | -- | 7.291 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | bap teq | mg/kg | 18 | 20 | 90 | 0.000953 | 0.0578 | 0.0165 | 0.0154 | 0.00053 | 0.00053 | 0.0299 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | benzene | µg/kg | 13 | 20 | 65 | 0.14 | 0.42 | 0.242 | 0.0839 | 0.1 | 0.14 | 0.244 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte02ft | benzo (a) anthracene | mg/kg | 17 | 20 | 85 | 0.0011 | 0.044 | 0.0121 | 0.0104 | 0.0007 | 0.0007 | 0.0149 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | benzo (a) pyrene | mg/kg | 18 | 20 | 90 | 0.0005 | 0.046 | 0.012 | 0.0124 | 0.0005 | 0.0005 | 0.0228 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 17 | 20 | 85 | 0.0017 | 0.039 | 0.012 | 0.00927 | 0.0004 | 0.0004 | 0.0142 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | benzo (k) fluoranthene | mg/kg | 11 | 20 | 55 | 0.0019 | 0.031 | 0.01 | 0.00837 | 0.0011 | 0.023 | 0.00954 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | cadmium | mg/kg | 15 | 20 | 75 | 0.114 | 0.999 | 0.258 | 0.219 | 0.0883 | 0.0883 | 0.319 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte02ft | chrysene | mg/kg | 18 | 20 | 90 | 0.0021 | 0.14 | 0.0331 | 0.0333 | 0.0012 | 0.0012 | 0.0622 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 8.65 | 14.2 | 11.03 | 1.588 | -- | -- | 11.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte02ft | copper | mg/kg | 20 | 20 | 100 | 14.3 | 38.7 | 22.19 | 5.83 | -- | -- | 24.44 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 8 | 20 | 40 | 0.001 | 0.0058 | 0.00241 | 0.0018 | 0.0007 | 0.013 | 0.0022 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 20 | 65 | 0.002 | 0.019 | 0.00582 | 0.00441 | 0.0009 | 0.017 | 0.00635 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | lead | mg/kg | 20 | 20 | 100 | 4.97 | 38.2 | 13.5 | 7.893 | -- | -- | 16.77 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 321 244th st | lte02ft | naphthalene | mg/kg | 15 | 20 | 75 | 0.0012 | 0.015 | 0.0049 | 0.00401 | 0.00027 | 0.00035 | 0.00539 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 321 244th st | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0009 | 0.085 | 0.0219 | 0.0215 | -- | -- | 0.0343 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | toluene | µg/kg | 13 | 20 | 65 | 0.13 | 4.3 | 1.094 | 1.664 | 0.12 | 0.16 | 2.145 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte02ft | tph as diesel | mg/kg | 16 | 20 | 80 | 4.9 | 150 | 52.84 | 53.09 | 4.8 | 4.8 | 93.4 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 321 244th st | lte02ft | tph as gasoline | mg/kg | 5 | 20 | 25 | 0.056 | 0.094 | 0.07 | 0.0155 | 0.048 | 0.068 | 0.0676 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte02ft | tph as motor oil | mg/kg | 16 | 20 | 80 | 11 | 470 | 158.8 | 164.5 | 7 | 7 | 284.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 25 | 46.9 | 35.93 | 5.702 | -- | -- | 38.22 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 321 244th st | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 32.4 | 111 | 51.01 | 17.11 | -- | -- | 57.27 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 321 244th st | lte05ft | 1-methylnaphthalene | mg/kg | 8 | 30 | 27 | 0.0012 | 0.014 | 0.00555 | 0.00428 | 0.0011 | 0.021 | 0.00406 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 30 | 70 | 0.0007 | 0.022 | 0.00682 | 0.00698 | 0.0006 | 0.0006 | 0.00704 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | antimony | mg/kg | 9 | 30 | 30 | 0.485 | 1.78 | 0.885 | 0.406 | 0.306 | 0.306 | 0.74 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 3.44 | 50.9 | 9.359 | 8.648 | -- | -- | 16.24 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte05ft | bap teq | mg/kg | 22 | 30 | 73 | 0.000953 | 0.0578 | 0.0138 | 0.015 | 0.00053 | 0.00053 | 0.0216 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | benzene | µg/kg | 16 | 30 | 53 | 0.14 | 0.42 | 0.239 | 0.081 | 0.1 | 0.14 | 0.223 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte05ft | benzo (a) anthracene | mg/kg | 20 | 30 | 67 | 0.0007 | 0.044 | 0.0105 | 0.0103 | 0.0007 | 0.0007 | 0.0104 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | benzo (a) pyrene | mg/kg | 22 | 30 | 73 | 0.0005 | 0.046 | 0.0101 | 0.0119 | 0.0005 | 0.0005 | 0.0163 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 30 | 67 | 0.0015 | 0.039 | 0.0106 | 0.00917 | 0.0004 | 0.0004 | 0.0102 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 30 | 47 | 0.0011 | 0.031 | 0.0083 | 0.00811 | 0.0011 | 0.023 | 0.0067 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | cadmium | mg/kg | 23 | 30 | 77 | 0.103 | 0.999 | 0.226 | 0.186 | 0.0883 | 0.0883 | 0.259 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte05ft | chrysene | mg/kg | 21 | 30 | 70 | 0.0021 | 0.14 | 0.029 | 0.0324 | 0.0012 | 0.0012 | 0.0297 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 8.65 | 21 | 12.32 | 2.712 | -- | -- | 13.16 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | copper | mg/kg | 30 | 30 | 100 | 14.3 | 58.1 | 25.57 | 9.223 | -- | -- | 28.35 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 30 | 27 | 0.001 | 0.0058 | 0.00241 | 0.0018 | 0.0007 | 0.013 | 0.00178 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 30 | 47 | 0.001 | 0.019 | 0.00547 | 0.00443 | 0.0009 | 0.017 | 0.00434 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | lead | mg/kg | 30 | 30 | 100 | 4.97 | 38.2 | 12.42 | 6.706 | -- | -- | 14.59 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte05ft | naphthalene | mg/kg | 19 | 30 | 63 | 0.0012 | 0.015 | 0.00451 | 0.00381 | 0.00025 | 0.00035 | 0.00443 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte05ft | pyrene | mg/kg | 27 | 30 | 90 | 0.0008 | 0.085 | 0.0181 | 0.0201 | 0.0008 | 0.0008 | 0.0321 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte05ft | toluene | µg/kg | 16 | 30 | 53 | 0.13 | 4.3 | 1.054 | 1.541 | 0.12 | 0.16 | 1.595 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 321 244th st | lte05ft | tph as diesel | mg/kg | 17 | 30 | 57 | 4.9 | 150 | 50.26 | 52.5 | 4.8 | 4.8 | 67.06 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte05ft | tph as gasoline | mg/kg | 7 | 30 | 23 | 0.054 | 0.28 | 0.0977 | 0.0816 | 0.047 | 0.068 | 0.078 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 321 244th st | lte05ft | tph as motor oil | mg/kg | 19 | 30 | 63 | 9.6 | 470 | 136 | 159.5 | 7 | 7 | 136.2 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 321 244th st | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 25 | 71.5 | 41.23 | 10.61 | -- | -- | 44.56 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 321 244th st | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 32.4 | 111 | 51.82 | 15.35 | -- | -- | 56.78 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte10ft | 1-methylnaphthalene | mg/kg | 8 | 40 | 20 | 0.0012 | 0.014 | 0.00555 | 0.00428 | 0.0011 | 0.021 | 0.00352 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 23 | 40 | 58 | 0.0007 | 0.022 | 0.0063 | 0.00687 | 0.0006 | 0.0006 | 0.00801 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte10ft | antimony | mg/kg | 10 | 40 | 25 | 0.485 | 1.78 | 0.893 | 0.384 | 0.306 | 0.306 | 0.717 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 3.44 | 50.9 | 8.714 | 7.741 | -- | -- | 14.05 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte10ft | bap teq | mg/kg | 27 | 40 | 68 | 0.000565 | 0.0578 | 0.0117 | 0.0143 | 0.00053 | 0.00053 | 0.0116 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte10ft | benzene | µg/kg | 20 | 40 | 50 | 0.13 | 0.42 | 0.231 | 0.0833 | 0.1 | 0.25 | 0.202 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte10ft | benzo (a) anthracene | mg/kg | 23 | 40 | 58 | 0.0007 | 0.044 | 0.00953 | 0.00994 | 0.0007 | 0.0007 | 0.00839 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte10ft | benzo (a) pyrene | mg/kg | 26 | 40 | 65 | 0.0005 | 0.046 | 0.00877 | 0.0114 | 0.0005 | 0.0005 | 0.00881 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 40 | 58 | 0.001 | 0.039 | 0.00977 | 0.00885 | 0.0004 | 0.0004 | 0.00818 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte10ft | benzo (k) fluoranthene | mg/kg | 16 | 40 | 40 | 0.0011 | 0.031 | 0.00783 | 0.00768 | 0.0011 | 0.023 | 0.00547 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 321 244th st | lte10ft | cadmium | mg/kg | 25 | 40 | 63 | 0.103 | 0.999 | 0.224 | 0.178 | 0.0883 | 0.0883 | 0.229 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte10ft | chrysene | mg/kg | 24 | 40 | 60 | 0.0015 | 0.14 | 0.0263 | 0.0312 | 0.0012 | 0.0012 | 0.0254 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 6.55 | 21 | 11.55 | 2.878 | -- | -- | 12.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte10ft | copper | mg/kg | 40 | 40 | 100 | 12.3 | 58.1 | 24.95 | 9.073 | -- | -- | 27.36 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 8 | 40 | 20 | 0.001 | 0.0058 | 0.00241 | 0.0018 | 0.0007 | 0.013 | 0.00158 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 40 | 40 | 0.001 | 0.019 | 0.00497 | 0.00435 | 0.0009 | 0.017 | 0.00354 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte10ft | lead | mg/kg | 40 | 40 | 100 | 3.2 | 38.2 | 11.11 | 6.419 | -- | -- | 12.9 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 321 244th st | lte10ft | naphthalene | mg/kg | 22 | 40 | 55 | 0.0012 | 0.015 | 0.00416 | 0.00364 | 0.00025 | 0.00059 | 0.00367 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte10ft | pyrene | mg/kg | 33 | 40 | 83 | 0.0008 | 0.15 | 0.02 | 0.03 | 0.0008 | 0.0008 | 0.0361 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 321 244th st | lte10ft | toluene | µg/kg | 19 | 40 | 48 | 0.13 | 4.3 | 1.001 | 1.446 | 0.12 | 0.27 | 0.824 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte10ft | tph as diesel | mg/kg | 18 | 40 | 45 | 4.9 | 150 | 48.3 | 51.6 | 4.8 | 4.8 | 36.66 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte10ft | tph as gasoline | mg/kg | 8 | 40 | 20 | 0.054 | 0.28 | 0.112 | 0.0853 | 0.047 | 0.068 | 0.0777 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 321 244th st | lte10ft | tph as motor oil | mg/kg | 21 | 40 | 53 | 9.6 | 470 | 125 | 155.3 | 7 | 7 | 157.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 321 244th st | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 21.9 | 71.5 | 40.32 | 10.8 | -- | -- | 43.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 321 244th st | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 29.9 | 111 | 50.19 | 14.8 | -- | -- | 54.26 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 327 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 6 | 9 | 67 | 0.0014 | 0.004 | 0.00255 | 0.00098539 | 0.0006 | 0.0006 | 0.00288 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | arsenic | mg/kg | 9 | 9 | 100 | 2.32 | 6.67 | 4.438 | 1.455 | -- | -- | 5.339 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | bap teq | mg/kg | 6 | 9 | 67 | 0.00243 | 0.0132 | 0.00665 | 0.00411 | 0.00053 | 0.00053 | 0.00794 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | benzene | µg/kg | 5 | 9 | 56 | 0.11 | 0.2 | 0.136 | 0.0365 | 0.11 | 0.11 | 0.144 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 327 244th st | lte05ft | benzo (a) anthracene | mg/kg | 6 | 9 | 67 | 0.0028 | 0.0068 | 0.0046 | 0.00151 | 0.0007 | 0.0007 | 0.00509 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | benzo (a) pyrene | mg/kg | 5 | 9 | 56 | 0.0022 | 0.0099 | 0.00578 | 0.00302 | 0.0005 | 0.002 | 0.00652 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 5 | 9 | 56 | 0.001 | 0.0089 | 0.00376 | 0.003 | 0.0004 | 0.0014 | 0.00438 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | chrysene | mg/kg | 6 | 9 | 67 | 0.0053 | 0.027 | 0.0135 | 0.0076 | 0.0012 | 0.0012 | 0.0159 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | cobalt | mg/kg | 9 | 9 | 100 | 8.31 | 12.7 | 10.57 | 1.244 | -- | -- | 11.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | copper | mg/kg | 9 | 9 | 100 | 16.5 | 23.5 | 18.71 | 2.224 | -- | -- | 20.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | lead | mg/kg | 9 | 9 | 100 | 7.23 | 12.7 | 8.608 | 1.722 | -- | -- | 9.709 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 327 244th st | lte05ft | pyrene | mg/kg | 7 | 9 | 78 | 0.0013 | 0.012 | 0.00576 | 0.00357 | 0.0008 | 0.0008 | 0.00716 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | tph as diesel | mg/kg | 6 | 9 | 67 | 18 | 150 | 67.17 | 48.28 | 4.8 | 4.8 | 80.11 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | tph as motor oil | mg/kg | 6 | 9 | 67 | 28 | 230 | 120.2 | 75.77 | 7 | 7 | 146.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | vanadium | mg/kg | 9 | 9 | 100 | 29 | 46.5 | 35.78 | 5.973 | -- | -- | 39.48 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte05ft | zinc | mg/kg | 9 | 9 | 100 | 36.1 | 55.5 | 42.96 | 6.227 | -- | -- | 46.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0014 | 0.004 | 0.00255 | 0.00098539 | 0.0006 | 0.0006 | 0.00264 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 2.32 | 10.9 | 5.581 | 2.52 | -- | -- | 6.887 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | bap teq | mg/kg | 6 | 12 | 50 | 0.00243 | 0.0132 | 0.00665 | 0.00411 | 0.00053 | 0.00053 | 0.00709 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | benzene | µg/kg | 6 | 12 | 50 | 0.11 | 0.2 | 0.147 | 0.0418 | 0.11 | 0.12 | 0.147 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 327 244th st | lte10ft | benzo (a) anthracene | mg/kg | 6 | 12 | 50 | 0.0028 | 0.0068 | 0.0046 | 0.00151 | 0.0007 | 0.0007 | 0.00473 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | benzo (a) pyrene | mg/kg | 5 | 12 | 42 | 0.0022 | 0.0099 | 0.00578 | 0.00302 | 0.0005 | 0.002 | 0.00608 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 12 | 42 | 0.001 | 0.0089 | 0.00376 | 0.003 | 0.0004 | 0.0014 | 0.00402 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | chrysene | mg/kg | 6 | 12 | 50 | 0.0053 | 0.027 | 0.0135 | 0.0076 | 0.0012 | 0.0012 | 0.0142 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 8.31 | 12.7 | 10.81 | 1.26 | -- | -- | 11.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | copper | mg/kg | 12 | 12 | 100 | 16.5 | 27.9 | 20.57 | 4.026 | -- | -- | 22.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | lead | mg/kg | 12 | 12 | 100 | 7.23 | 12.7 | 8.59 | 1.473 | -- | -- | 9.399 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 327 244th st | lte10ft | pyrene | mg/kg | 8 | 12 | 67 | 0.0013 | 0.012 | 0.00573 | 0.0033 | 0.0008 | 0.0008 | 0.0064 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | tph as diesel | mg/kg | 7 | 12 | 58 | 11 | 150 | 59.14 | 48.92 | 4.8 | 4.8 | 64.75 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 327 244th st | lte10ft | tph as motor oil | mg/kg | 6 | 12 | 50 | 28 | 230 | 120.2 | 75.77 | 7 | 7 | 124.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 29 | 51.9 | 39.43 | 8.364 | -- | -- | 43.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 327 244th st | lte10ft | zinc | mg/kg | 12 | 12 | 100 | 36.1 | 55.5 | 45.84 | 7.453 | -- | -- | 49.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 14 | 64 | 0.001 | 0.0056 | 0.00283 | 0.00142 | 0.0006 | 0.012 | 0.00331 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 1.95 | 9.29 | 5.689 | 1.764 | -- | -- | 6.524 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | bap teq | mg/kg | 6 | 14 | 43 | 0.00105 | 0.0519 | 0.0171 | 0.0188 | 0.00053 | 0.00103 | 0.0187 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | benzene | µg/kg | 7 | 14 | 50 | 0.13 | 0.64 | 0.319 | 0.182 | 0.11 | 0.12 | 0.331 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | benzo (a) pyrene | mg/kg | 5 | 14 | 36 | 0.001 | 0.037 | 0.0144 | 0.0137 | 0.0005 | 0.001 | 0.0156 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | cadmium | mg/kg | 8 | 14 | 57 | 0.138 | 1.12 | 0.308 | 0.333 | 0.0883 | 0.0883 | 0.364 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 331 244th st | lte02ft | chrysene | mg/kg | 6 | 14 | 43 | 0.0028 | 0.075 | 0.0312 | 0.0273 | 0.0012 | 0.0024 | 0.0343 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 6.7 | 13.2 | 10.41 | 1.658 | -- | -- | 11.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | copper | mg/kg | 14 | 14 | 100 | 8.13 | 24.3 | 18.18 | 4.265 | -- | -- | 20.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | lead | mg/kg | 14 | 14 | 100 | 3.63 | 22.4 | 8.08 | 4.422 | -- | -- | 10.33 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 331 244th st | lte02ft | naphthalene | mg/kg | 6 | 14 | 43 | 0.001 | 0.0064 | 0.00263 | 0.00209 | 0.00027 | 0.0003 | 0.00264 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | pyrene | mg/kg | 10 | 14 | 71 | 0.001 | 0.036 | 0.00949 | 0.0127 | 0.0008 | 0.016 | 0.0204 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 331 244th st | lte02ft | toluene | µg/kg | 5 | 14 | 36 | 0.14 | 0.3 | 0.22 | 0.0596 | 0.12 | 0.14 | 0.24 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | tph as diesel | mg/kg | 5 | 14 | 36 | 15 | 100 | 52.6 | 35.7 | 4.8 | 4.8 | 65.29 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | tph as gasoline | mg/kg | 5 | 14 | 36 | 0.056 | 0.099 | 0.0772 | 0.0186 | 0.048 | 0.061 | 0.0774 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | tph as motor oil | mg/kg | 5 | 14 | 36 | 48 | 610 | 241.4 | 224.8 | 7 | 7 | 268.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 19.9 | 40.7 | 33.09 | 5.492 | -- | -- | 35.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 21.6 | 85.5 | 42.37 | 14.29 | -- | -- | 49.27 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 331 244th st | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 21 | 29 | 0.0015 | 0.0028 | 0.00202 | 0.00054191 | 0.0011 | 0.021 | 0.00194 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 14 | 21 | 67 | 0.0006 | 0.0056 | 0.00258 | 0.00141 | 0.0006 | 0.012 | 0.00279 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | arsenic | mg/kg | 21 | 21 | 100 | 1.95 | 43.9 | 9.506 | 9.688 | -- | -- | 18.72 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 331 244th st | lte05ft | bap teq | mg/kg | 6 | 21 | 29 | 0.00105 | 0.0519 | 0.0171 | 0.0188 | 0.00053 | 0.00103 | 0.0161 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | benzene | µg/kg | 9 | 21 | 43 | 0.11 | 0.64 | 0.28 | 0.176 | 0.1 | 0.12 | 0.246 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | benzo (a) pyrene | mg/kg | 5 | 21 | 24 | 0.001 | 0.037 | 0.0144 | 0.0137 | 0.0005 | 0.001 | 0.0153 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | cadmium | mg/kg | 12 | 21 | 57 | 0.114 | 1.12 | 0.296 | 0.281 | 0.0883 | 0.0883 | 0.311 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 331 244th st | lte05ft | chrysene | mg/kg | 6 | 21 | 29 | 0.0028 | 0.075 | 0.0312 | 0.0273 | 0.0012 | 0.0024 | 0.033 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | cobalt | mg/kg | 21 | 21 | 100 | 6.7 | 17.7 | 11.17 | 2.656 | -- | -- | 12.2 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 331 244th st | lte05ft | copper | mg/kg | 21 | 21 | 100 | 8.13 | 38.3 | 20.19 | 6.133 | -- | -- | 22.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | lead | mg/kg | 21 | 21 | 100 | 3.63 | 22.4 | 7.929 | 3.733 | -- | -- | 9.203 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 331 244th st | lte05ft | naphthalene | mg/kg | 9 | 21 | 43 | 0.001 | 0.0064 | 0.0023 | 0.00173 | 0.00025 | 0.0003 | 0.00205 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 331 244th st | lte05ft | pyrene | mg/kg | 13 | 21 | 62 | 0.001 | 0.036 | 0.00756 | 0.0116 | 0.0008 | 0.016 | 0.0143 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 331 244th st | lte05ft | toluene | µg/kg | 5 | 21 | 24 | 0.14 | 0.3 | 0.22 | 0.0596 | 0.12 | 0.14 | 0.237 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | tph as diesel | mg/kg | 5 | 21 | 24 | 15 | 100 | 52.6 | 35.7 | 4.8 | 4.8 | 65.38 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | tph as gasoline | mg/kg | 5 | 21 | 24 | 0.056 | 0.099 | 0.0772 | 0.0186 | 0.048 | 0.061 | 0.0769 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | tph as motor oil | mg/kg | 5 | 21 | 24 | 48 | 610 | 241.4 | 224.8 | 7 | 7 | 242.4 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | vanadium | mg/kg | 21 | 21 | 100 | 19.9 | 57.7 | 35.3 | 8.017 | -- | -- | 38.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte05ft | zinc | mg/kg | 21 | 21 | 100 | 21.6 | 85.5 | 43.53 | 12.63 | -- | -- | 48.33 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 331 244th st | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 28 | 32 | 0.0015 | 0.017 | 0.00477 | 0.00547 | 0.0011 | 0.021 | 0.004 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 331 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 18 | 28 | 64 | 0.0006 | 0.032 | 0.00527 | 0.00795 | 0.0006 | 0.012 | 0.00627 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 331 244th st | lte10ft | arsenic | mg/kg | 28 | 28 | 100 | 1.95 | 62.9 | 11.65 | 13.13 | -- | -- | 22.47 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 331 244th st | lte10ft | bap teq | mg/kg | 6 | 28 | 21 | 0.00105 | 0.0519 | 0.0171 | 0.0188 | 0.00053 | 0.00513 | 0.0141 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte10ft | benzene | µg/kg | 9 | 28 | 32 | 0.11 | 0.64 | 0.28 | 0.176 | 0.1 | 0.12 | 0.221 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte10ft | benzo (a) pyrene | mg/kg | 5 | 28 | 18 | 0.001 | 0.037 | 0.0144 | 0.0137 | 0.0005 | 0.0049 | 0.0148 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte10ft | cadmium | mg/kg | 16 | 28 | 57 | 0.0901 | 1.12 | 0.253 | 0.253 | 0.0883 | 0.0883 | 0.254 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 331 244th st | lte10ft | chrysene | mg/kg | 6 | 28 | 21 | 0.0028 | 0.075 | 0.0312 | 0.0273 | 0.0012 | 0.012 | 0.0311 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte10ft | cobalt | mg/kg | 28 | 28 | 100 | 6.7 | 17.7 | 11.18 | 2.465 | -- | -- | 11.99 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 331 244th st | lte10ft | copper | mg/kg | 28 | 28 | 100 | 8.13 | 38.3 | 21.43 | 5.98 | -- | -- | 23.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte10ft | lead | mg/kg | 28 | 28 | 100 | 3.63 | 22.4 | 7.868 | 3.26 | -- | -- | 8.794 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 331 244th st | lte10ft | naphthalene | mg/kg | 14 | 28 | 50 | 0.001 | 0.019 | 0.00428 | 0.00483 | 0.00025 | 0.0003 | 0.00387 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 331 244th st | lte10ft | pyrene | mg/kg | 18 | 28 | 64 | 0.001 | 0.84 | 0.0542 | 0.196 | 0.0008 | 0.016 | 0.167 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 331 244th st | lte10ft | toluene | µg/kg | 5 | 28 | 18 | 0.14 | 0.3 | 0.22 | 0.0596 | 0.12 | 0.14 | 0.235 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte10ft | tph as diesel | mg/kg | 5 | 28 | 18 | 15 | 100 | 52.6 | 35.7 | 4.8 | 4.8 | 64.04 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte10ft | tph as gasoline | mg/kg | 5 | 28 | 18 | 0.056 | 0.099 | 0.0772 | 0.0186 | 0.048 | 0.061 | 0.0751 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte10ft | tph as motor oil | mg/kg | 5 | 28 | 18 | 48 | 610 | 241.4 | 224.8 | 7 | 7 | 234.3 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte10ft | vanadium | mg/kg | 28 | 28 | 100 | 19.9 | 59.8 | 38.39 | 9.435 | -- | -- | 41.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 331 244th st | lte10ft | zinc | mg/kg | 28 | 28 | 100 | 21.6 | 85.5 | 45.88 | 11.92 | -- | -- | 49.86 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 337 244th st | gt05lte10ft | antimony | mg/kg | 7 | 8 | 88 | 0.427 | 1.28 | 0.785 | 0.348 | 0.219 | 0.219 | 0.974 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 5.94 | 12.6 | 9.309 | 2.055 | -- | -- | 10.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | gt05lte10ft | cadmium | mg/kg | 6 | 8 | 75 | 0.233 | 0.286 | 0.25 | 0.0188 | 0.0883 | 0.0883 | 0.258 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.81 | 8.48 | 7.875 | 0.984 | -- | -- | 8.48 | Maximum Detected | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 10 | 37.7 | 20.26 | 8.237 | -- | -- | 25.78 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 3.16 | 7.61 | 5.645 | 1.284 | -- | -- | 6.505 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 23.1 | 49.7 | 36.23 | 7.638 | -- | -- | 41.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 24.8 | 54.8 | 42.78 | 9.455 | -- | -- | 49.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 16 | 44 | 0.0016 | 0.0085 | 0.00351 | 0.0026 | 0.0011 | 0.021 | 0.00364 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 16 | 69 | 0.0011 | 0.018 | 0.00592 | 0.00504 | 0.0006 | 0.0064 | 0.00673 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte02ft | antimony | mg/kg | 14 | 16 | 88 | 0.226 | 0.656 | 0.352 | 0.134 | 0.219 | 0.219 | 0.391 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 2.59 | 10.5 | 4.994 | 1.874 | -- | -- | 5.849 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte02ft | bap teq | mg/kg | 13 | 16 | 81 | 0.000813 | 0.0289 | 0.00947 | 0.00903 | 0.00053 | 0.00411 | 0.0175 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte02ft | benzene | µg/kg | 6 | 16 | 38 | 0.13 | 0.44 | 0.252 | 0.134 | 0.1 | 0.25 | 0.239 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte02ft | benzo (a) anthracene | mg/kg | 12 | 16 | 75 | 0.0013 | 0.024 | 0.00828 | 0.00686 | 0.0007 | 0.0052 | 0.00952 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte02ft | benzo (a) pyrene | mg/kg | 9 | 16 | 56 | 0.0018 | 0.022 | 0.0095 | 0.00758 | 0.0005 | 0.0039 | 0.00919 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 16 | 50 | 0.0007 | 0.011 | 0.00428 | 0.00351 | 0.0004 | 0.0064 | 0.00421 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte02ft | bis(2-ethylhexyl) phthalate | mg/kg | 6 | 16 | 38 | 0.42 | 0.69 | 0.485 | 0.105 | 0.082 | 0.33 | 0.486 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte02ft | cadmium | mg/kg | 15 | 16 | 94 | 0.253 | 1.18 | 0.4 | 0.234 | 0.0883 | 0.0883 | 0.641 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte02ft | chrysene | mg/kg | 13 | 16 | 81 | 0.0017 | 0.1 | 0.0247 | 0.0267 | 0.0012 | 0.0095 | 0.0486 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.79 | 13.6 | 9.749 | 2.005 | -- | -- | 10.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.98 | 24 | 16.56 | 4.916 | -- | -- | 18.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 16 | 38 | 0.0016 | 0.01 | 0.00465 | 0.00326 | 0.0009 | 0.0069 | 0.00439 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.99 | 15.6 | 8.853 | 2.852 | -- | -- | 10.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte02ft | naphthalene | mg/kg | 10 | 16 | 63 | 0.0014 | 0.008 | 0.00315 | 0.00244 | 0.00026 | 0.00061 | 0.00358 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte02ft | pyrene | mg/kg | 14 | 16 | 88 | 0.001 | 0.052 | 0.0137 | 0.0138 | 0.0008 | 0.0065 | 0.027 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte02ft | toluene | µg/kg | 11 | 16 | 69 | 0.12 | 0.49 | 0.283 | 0.141 | 0.12 | 0.15 | 0.294 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte02ft | tph as diesel | mg/kg | 8 | 16 | 50 | 31 | 3800 | 558.3 | 1312 | 4.8 | 4.8 | 1351 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte02ft | tph as gasoline | mg/kg | 7 | 16 | 44 | 0.055 | 9.2 | 1.44 | 3.423 | 0.049 | 0.061 | 3.258 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte02ft | tph as motor oil | mg/kg | 8 | 16 | 50 | 83 | 3900 | 650.4 | 1317 | 7 | 7 | 887.5 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 21.2 | 44.2 | 33.04 | 6.617 | -- | -- | 35.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 25.2 | 70 | 40.49 | 10.76 | -- | -- | 45.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 26 | 46 | 0.0014 | 0.0085 | 0.00359 | 0.00235 | 0.0011 | 0.021 | 0.00338 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 26 | 69 | 0.0011 | 0.018 | 0.00587 | 0.00432 | 0.0006 | 0.0064 | 0.00612 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte05ft | antimony | mg/kg | 23 | 26 | 88 | 0.225 | 0.724 | 0.396 | 0.161 | 0.219 | 0.219 | 0.426 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte05ft | arsenic | mg/kg | 26 | 26 | 100 | 2.59 | 19.3 | 7.468 | 4.569 | -- | -- | 9.283 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 337 244th st | lte05ft | bap teq | mg/kg | 16 | 26 | 62 | 0.000813 | 0.0548 | 0.0118 | 0.0141 | 0.00053 | 0.00411 | 0.0127 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte05ft | benzene | µg/kg | 8 | 26 | 31 | 0.12 | 0.44 | 0.231 | 0.123 | 0.1 | 0.25 | 0.195 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte05ft | benzo (a) anthracene | mg/kg | 15 | 26 | 58 | 0.0013 | 0.051 | 0.0108 | 0.0127 | 0.0007 | 0.0052 | 0.0104 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte05ft | benzo (a) pyrene | mg/kg | 12 | 26 | 46 | 0.0018 | 0.044 | 0.0115 | 0.0123 | 0.0005 | 0.0039 | 0.00954 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 8 | 26 | 31 | 0.0007 | 0.011 | 0.00428 | 0.00351 | 0.0004 | 0.0064 | 0.00322 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 10 | 26 | 38 | 0.3 | 0.69 | 0.434 | 0.108 | 0.082 | 0.33 | 0.422 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte05ft | cadmium | mg/kg | 24 | 26 | 92 | 0.253 | 1.18 | 0.361 | 0.191 | 0.0883 | 0.0883 | 0.511 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte05ft | chrysene | mg/kg | 16 | 26 | 62 | 0.0017 | 0.11 | 0.0288 | 0.0324 | 0.0012 | 0.0095 | 0.0304 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte05ft | cobalt | mg/kg | 26 | 26 | 100 | 5.79 | 13.6 | 10.49 | 2.06 | -- | -- | 11.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte05ft | copper | mg/kg | 26 | 26 | 100 | 7.98 | 28.7 | 17.9 | 5.234 | -- | -- | 19.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 26 | 27 | 0.0016 | 0.01 | 0.0043 | 0.00312 | 0.0009 | 0.0069 | 0.00345 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte05ft | lead | mg/kg | 26 | 26 | 100 | 4.99 | 15.6 | 8.135 | 2.481 | -- | -- | 8.969 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 337 244th st | lte05ft | naphthalene | mg/kg | 16 | 26 | 62 | 0.0014 | 0.026 | 0.00478 | 0.00616 | 0.00025 | 0.00061 | 0.00569 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte05ft | pyrene | mg/kg | 19 | 26 | 73 | 0.001 | 0.13 | 0.019 | 0.0295 | 0.0008 | 0.0065 | 0.0368 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte05ft | toluene | µg/kg | 12 | 26 | 46 | 0.12 | 0.54 | 0.304 | 0.153 | 0.12 | 0.15 | 0.253 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte05ft | tph as diesel | mg/kg | 10 | 26 | 38 | 31 | 3800 | 456.7 | 1177 | 4.8 | 4.8 | 487.3 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte05ft | tph as gasoline | mg/kg | 9 | 26 | 35 | 0.055 | 9.2 | 1.179 | 3.01 | 0.045 | 0.1 | 2.034 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte05ft | tph as motor oil | mg/kg | 10 | 26 | 38 | 63 | 3900 | 535.7 | 1186 | 7 | 7 | 665.7 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte05ft | vanadium | mg/kg | 26 | 26 | 100 | 21.2 | 50.9 | 36.65 | 8.001 | -- | -- | 39.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte05ft | zinc | mg/kg | 26 | 26 | 100 | 25.2 | 70 | 42 | 9.043 | -- | -- | 45.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte10ft | 1-methylnaphthalene | mg/kg | 14 | 34 | 41 | 0.0014 | 0.0085 | 0.00373 | 0.00234 | 0.0011 | 0.021 | 0.00311 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 337 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 20 | 34 | 59 | 0.0011 | 0.018 | 0.00609 | 0.00425 | 0.0006 | 0.0064 | 0.0053 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte10ft | antimony | mg/kg | 30 | 34 | 88 | 0.225 | 1.28 | 0.487 | 0.269 | 0.219 | 0.219 | 0.534 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 337 244th st | lte10ft | arsenic | mg/kg | 34 | 34 | 100 | 2.59 | 19.3 | 7.901 | 4.164 | -- | -- | 9.202 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte10ft | bap teq | mg/kg | 18 | 34 | 53 | 0.000813 | 0.0548 | 0.0106 | 0.0137 | 0.00053 | 0.00411 | 0.00948 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte10ft | benzene | µg/kg | 8 | 34 | 24 | 0.12 | 0.44 | 0.231 | 0.123 | 0.1 | 0.25 | 0.183 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte10ft | benzo (a) anthracene | mg/kg | 16 | 34 | 47 | 0.0013 | 0.051 | 0.0102 | 0.0125 | 0.0007 | 0.0052 | 0.00833 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte10ft | benzo (a) pyrene | mg/kg | 12 | 34 | 35 | 0.0018 | 0.044 | 0.0115 | 0.0123 | 0.0005 | 0.0039 | 0.00776 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 34 | 24 | 0.0007 | 0.011 | 0.00428 | 0.00351 | 0.0004 | 0.0064 | 0.00287 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 34 | 15 | 0.0013 | 0.0085 | 0.00354 | 0.00301 | 0.0011 | 0.009 | 0.00259 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 13 | 34 | 38 | 0.098 | 0.69 | 0.39 | 0.137 | 0.082 | 0.33 | 0.361 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte10ft | cadmium | mg/kg | 30 | 34 | 88 | 0.233 | 1.18 | 0.339 | 0.176 | 0.0883 | 0.0883 | 0.453 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte10ft | chrysene | mg/kg | 18 | 34 | 53 | 0.0014 | 0.11 | 0.0257 | 0.0317 | 0.0012 | 0.0095 | 0.0227 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte10ft | cobalt | mg/kg | 34 | 34 | 100 | 5.79 | 13.6 | 9.876 | 2.166 | -- | -- | 10.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte10ft | copper | mg/kg | 34 | 34 | 100 | 7.98 | 37.7 | 18.45 | 6.016 | -- | -- | 20.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 34 | 21 | 0.0016 | 0.01 | 0.0043 | 0.00312 | 0.0009 | 0.0069 | 0.00322 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte10ft | lead | mg/kg | 34 | 34 | 100 | 3.16 | 15.6 | 7.549 | 2.482 | -- | -- | 8.28 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 337 244th st | lte10ft | naphthalene | mg/kg | 20 | 34 | 59 | 0.0011 | 0.026 | 0.00526 | 0.00697 | 0.00025 | 0.00061 | 0.00528 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte10ft | pyrene | mg/kg | 23 | 34 | 68 | 0.001 | 0.13 | 0.0161 | 0.0275 | 0.0008 | 0.0065 | 0.0181 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 337 244th st | lte10ft | toluene | µg/kg | 14 | 34 | 41 | 0.12 | 0.54 | 0.301 | 0.151 | 0.12 | 0.15 | 0.238 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte10ft | tph as diesel | mg/kg | 10 | 34 | 29 | 31 | 3800 | 456.7 | 1177 | 4.8 | 4.8 | 403.8 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte10ft | tph as gasoline | mg/kg | 11 | 34 | 32 | 0.055 | 9.2 | 0.99 | 2.725 | 0.045 | 0.1 | 1.153 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 337 244th st | lte10ft | tph as motor oil | mg/kg | 11 | 34 | 32 | 24 | 3900 | 489.2 | 1136 | 7 | 7 | 504.5 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 337 244th st | lte10ft | vanadium | mg/kg | 34 | 34 | 100 | 21.2 | 50.9 | 36.55 | 7.804 | -- | -- | 38.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 337 244th st | lte10ft | zinc | mg/kg | 34 | 34 | 100 | 24.8 | 70 | 42.18 | 9.002 | -- | -- | 44.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 5.78 | 19.3 | 9.318 | 3.437 | -- | -- | 11.09 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 341 244th st | gt05lte10ft | benzene | µg/kg | 6 | 12 | 50 | 0.12 | 0.98 | 0.295 | 0.34 | 0.1 | 0.12 | 0.342 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 341 244th st | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 6.4 | 11 | 8.003 | 1.176 | -- | -- | 8.612 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 11.4 | 23.8 | 15.86 | 3.297 | -- | -- | 17.57 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 4.15 | 8.21 | 5.078 | 1.083 | -- | -- | 5.628 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 341 244th st | gt05lte10ft | pyrene | mg/kg | 6 | 12 | 50 | 0.001 | 0.18 | 0.0356 | 0.0716 | 0.0008 | 0.0008 | 0.0863 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | gt05lte10ft | thallium | mg/kg | 6 | 12 | 50 | 0.362 | 0.574 | 0.486 | 0.0962 | 0.232 | 0.232 | 0.538 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | gt05lte10ft | toluene | µg/kg | 5 | 12 | 42 | 0.13 | 0.19 | 0.166 | 0.0288 | 0.12 | 0.13 | 0.183 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 26 | 60.4 | 34.73 | 8.999 | -- | -- | 39.34 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 341 244th st | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 29.8 | 51.6 | 36.98 | 6.16 | -- | -- | 40.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 24 | 42 | 0.11 | 0.45 | 0.222 | 0.107 | 0.088 | 0.14 | 0.196 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 24 | 71 | 0.0007 | 0.019 | 0.00461 | 0.00478 | 0.0006 | 0.003 | 0.00498 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 5.12 | 10.9 | 6.822 | 1.353 | -- | -- | 7.296 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte02ft | bap teq | mg/kg | 23 | 24 | 96 | 0.00056 | 0.059 | 0.0092 | 0.0135 | 0.00053 | 0.00053 | 0.0207 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte02ft | benzene | µg/kg | 14 | 24 | 58 | 0.13 | 0.53 | 0.237 | 0.11 | 0.1 | 0.16 | 0.228 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte02ft | benzo (a) anthracene | mg/kg | 21 | 24 | 88 | 0.0007 | 0.06 | 0.0088 | 0.0136 | 0.0007 | 0.0007 | 0.0194 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte02ft | benzo (a) pyrene | mg/kg | 19 | 24 | 79 | 0.0005 | 0.04 | 0.00789 | 0.00984 | 0.0005 | 0.0005 | 0.0146 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 20 | 24 | 83 | 0.0005 | 0.04 | 0.00652 | 0.00945 | 0.0004 | 0.0004 | 0.0135 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 24 | 33 | 0.0013 | 0.027 | 0.00775 | 0.00962 | 0.0011 | 0.009 | 0.00627 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | lte02ft | chrysene | mg/kg | 21 | 24 | 88 | 0.0012 | 0.16 | 0.0228 | 0.036 | 0.0012 | 0.0012 | 0.0508 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 7.45 | 17.6 | 11.6 | 2.134 | -- | -- | 12.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte02ft | copper | mg/kg | 24 | 24 | 100 | 10.8 | 34.4 | 19.6 | 6.071 | -- | -- | 21.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 24 | 54 | 0.0009 | 0.014 | 0.00465 | 0.00448 | 0.0009 | 0.0043 | 0.00449 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte02ft | lead | mg/kg | 24 | 24 | 100 | 5.94 | 28.1 | 11.11 | 6.2 | -- | -- | 13.34 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | lte02ft | naphthalene | mg/kg | 6 | 24 | 25 | 0.0012 | 0.008 | 0.00297 | 0.00257 | 0.00024 | 0.0004 | 0.00218 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte02ft | pyrene | mg/kg | 21 | 24 | 88 | 0.0011 | 0.11 | 0.019 | 0.0298 | 0.0008 | 0.0008 | 0.0421 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte02ft | toluene | µg/kg | 11 | 24 | 46 | 0.15 | 0.7 | 0.278 | 0.161 | 0.11 | 0.18 | 0.254 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte02ft | tph as diesel | mg/kg | 16 | 24 | 67 | 5.5 | 170 | 65.49 | 48.87 | 4.8 | 4.8 | 63.46 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte02ft | tph as gasoline | mg/kg | 10 | 24 | 42 | 0.053 | 0.16 | 0.0912 | 0.0399 | 0.048 | 0.066 | 0.0803 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 341 244th st | lte02ft | tph as motor oil | mg/kg | 18 | 24 | 75 | 9.9 | 460 | 146.2 | 121.9 | 7 | 7 | 154.7 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 27.9 | 46.6 | 36.29 | 4.033 | -- | -- | 37.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 31.1 | 91.3 | 47.37 | 14.41 | -- | -- | 52.34 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 36 | 33 | 0.11 | 0.45 | 0.208 | 0.103 | 0.088 | 0.14 | 0.164 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 17 | 36 | 47 | 0.0007 | 0.019 | 0.00461 | 0.00478 | 0.0006 | 0.003 | 0.00363 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte05ft | arsenic | mg/kg | 36 | 36 | 100 | 5.12 | 13 | 7.879 | 2.14 | -- | -- | 8.494 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte05ft | bap teq | mg/kg | 24 | 36 | 67 | 0.00056 | 0.059 | 0.00888 | 0.0133 | 0.00053 | 0.00053 | 0.00948 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte05ft | benzene | µg/kg | 16 | 36 | 44 | 0.11 | 0.53 | 0.223 | 0.11 | 0.1 | 0.16 | 0.186 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 341 244th st | lte05ft | benzo (a) anthracene | mg/kg | 21 | 36 | 58 | 0.0007 | 0.06 | 0.0088 | 0.0136 | 0.0007 | 0.0007 | 0.00905 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte05ft | benzo (a) pyrene | mg/kg | 20 | 36 | 56 | 0.0005 | 0.04 | 0.00755 | 0.0097 | 0.0005 | 0.0005 | 0.00716 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 21 | 36 | 58 | 0.0005 | 0.04 | 0.00623 | 0.00931 | 0.0004 | 0.0004 | 0.00942 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 36 | 22 | 0.0013 | 0.027 | 0.00775 | 0.00962 | 0.0011 | 0.009 | 0.00465 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | lte05ft | chrysene | mg/kg | 22 | 36 | 61 | 0.0012 | 0.16 | 0.0219 | 0.0354 | 0.0012 | 0.0012 | 0.0228 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte05ft | cobalt | mg/kg | 36 | 36 | 100 | 7.45 | 17.6 | 11.68 | 1.84 | -- | -- | 12.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte05ft | copper | mg/kg | 36 | 36 | 100 | 10.8 | 34.4 | 20.5 | 5.209 | -- | -- | 21.96 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 36 | 36 | 0.0009 | 0.014 | 0.00465 | 0.00448 | 0.0009 | 0.0043 | 0.00345 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte05ft | lead | mg/kg | 36 | 36 | 100 | 5.88 | 28.1 | 9.787 | 5.386 | -- | -- | 11.36 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | lte05ft | naphthalene | mg/kg | 7 | 36 | 19 | 0.0012 | 0.008 | 0.00316 | 0.0024 | 0.00024 | 0.0004 | 0.00229 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte05ft | pyrene | mg/kg | 24 | 36 | 67 | 0.0009 | 0.11 | 0.0184 | 0.0287 | 0.0008 | 0.0008 | 0.0306 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte05ft | toluene | µg/kg | 12 | 36 | 33 | 0.15 | 0.7 | 0.268 | 0.157 | 0.11 | 0.18 | 0.22 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte05ft | tph as diesel | mg/kg | 17 | 36 | 47 | 5.5 | 170 | 62 | 49.46 | 4.8 | 4.8 | 45.28 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte05ft | tph as gasoline | mg/kg | 12 | 36 | 33 | 0.053 | 0.2 | 0.0981 | 0.0489 | 0.046 | 0.066 | 0.0798 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte05ft | tph as motor oil | mg/kg | 21 | 36 | 58 | 7.1 | 460 | 126.4 | 122.9 | 7 | 7 | 108.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte05ft | vanadium | mg/kg | 36 | 36 | 100 | 27.9 | 48.6 | 37.68 | 4.95 | -- | -- | 39.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte05ft | zinc | mg/kg | 36 | 36 | 100 | 31.1 | 313 | 54.33 | 45.9 | -- | -- | 68.4 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 14 | 48 | 29 | 0.11 | 0.45 | 0.198 | 0.0984 | 0.088 | 0.14 | 0.152 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte10ft | 1-methylnaphthalene | mg/kg | 5 | 48 | 10 | 0.0016 | 0.0056 | 0.00312 | 0.00168 | 0.0011 | 0.0086 | 0.00246 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 18 | 48 | 38 | 0.0007 | 0.019 | 0.00445 | 0.00469 | 0.0006 | 0.003 | 0.00294 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte10ft | arsenic | mg/kg | 48 | 48 | 100 | 5.12 | 19.3 | 8.239 | 2.563 | -- | -- | 8.834 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte10ft | bap teq | mg/kg | 28 | 48 | 58 | 0.000537 | 0.0714 | 0.0103 | 0.0173 | 0.00053 | 0.00053 | 0.01 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 341 244th st | lte10ft | benzene | µg/kg | 22 | 48 | 46 | 0.11 | 0.98 | 0.242 | 0.193 | 0.1 | 0.16 | 0.21 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | lte10ft | benzo (a) anthracene | mg/kg | 24 | 48 | 50 | 0.0007 | 0.068 | 0.0106 | 0.0178 | 0.0007 | 0.0007 | 0.00894 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 341 244th st | lte10ft | benzo (a) pyrene | mg/kg | 23 | 48 | 48 | 0.0005 | 0.051 | 0.00885 | 0.013 | 0.0005 | 0.0005 | 0.00692 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 341 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 24 | 48 | 50 | 0.0005 | 0.042 | 0.00734 | 0.0115 | 0.0004 | 0.0004 | 0.00631 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 48 | 21 | 0.0013 | 0.035 | 0.00998 | 0.0123 | 0.0011 | 0.009 | 0.00506 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | lte10ft | chrysene | mg/kg | 25 | 48 | 52 | 0.0012 | 0.16 | 0.0223 | 0.0347 | 0.0012 | 0.0012 | 0.0191 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte10ft | cobalt | mg/kg | 48 | 48 | 100 | 6.4 | 17.6 | 10.76 | 2.332 | -- | -- | 11.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte10ft | copper | mg/kg | 48 | 48 | 100 | 10.8 | 34.4 | 19.34 | 5.184 | -- | -- | 20.59 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 48 | 29 | 0.0009 | 0.022 | 0.00589 | 0.00632 | 0.0009 | 0.0043 | 0.00367 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte10ft | lead | mg/kg | 48 | 48 | 100 | 4.15 | 28.1 | 8.61 | 5.111 | -- | -- | 9.89 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | lte10ft | naphthalene | mg/kg | 8 | 48 | 17 | 0.0012 | 0.008 | 0.00291 | 0.00233 | 0.00024 | 0.0004 | 0.00177 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte10ft | pyrene | mg/kg | 30 | 48 | 63 | 0.0009 | 0.18 | 0.0218 | 0.0398 | 0.0008 | 0.0008 | 0.0348 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte10ft | thallium | mg/kg | 9 | 48 | 19 | 0.238 | 0.574 | 0.412 | 0.135 | 0.232 | 0.232 | 0.347 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte10ft | toluene | µg/kg | 17 | 48 | 35 | 0.13 | 0.7 | 0.238 | 0.139 | 0.11 | 0.18 | 0.2 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 341 244th st | lte10ft | tph as diesel | mg/kg | 19 | 48 | 40 | 4.9 | 170 | 57.68 | 48.69 | 4.8 | 4.8 | 35.68 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 341 244th st | lte10ft | tph as gasoline | mg/kg | 12 | 48 | 25 | 0.053 | 0.2 | 0.0981 | 0.0489 | 0.046 | 0.066 | 0.075 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 341 244th st | lte10ft | tph as motor oil | mg/kg | 23 | 48 | 48 | 7.1 | 460 | 117.1 | 121.2 | 7 | 7 | 84.26 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte10ft | vanadium | mg/kg | 48 | 48 | 100 | 26 | 60.4 | 36.94 | 6.234 | -- | -- | 38.44 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 341 244th st | lte10ft | zinc | mg/kg | 48 | 48 | 100 | 29.8 | 313 | 49.99 | 40.44 | -- | -- | 60.64 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 10 | 70 | 0.15 | 55 | 9.646 | 20.28 | 0.094 | 0.44 | 17.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 10 | 70 | 0.0016 | 0.1 | 0.021 | 0.0357 | 0.0011 | 0.025 | 0.0354 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 10 | 80 | 0.0014 | 0.057 | 0.0153 | 0.0195 | 0.0006 | 0.023 | 0.0379 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | gt05lte10ft | antimony | mg/kg | 7 | 10 | 70 | 0.455 | 0.92 | 0.668 | 0.17 | 0.149 | 0.149 | 0.713 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 3.53 | 4.73 | 4.046 | 0.495 | -- | -- | 4.334 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.000627 | 0.0874 | 0.0254 | 0.0348 | -- | -- | 0.0874 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | gt05lte10ft | benzene | µg/kg | 6 | 10 | 60 | 0.16 | 1.3 | 0.423 | 0.443 | 0.11 | 0.12 | 0.546 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.0012 | 0.12 | 0.0334 | 0.047 | -- | -- | 0.0945 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 10 | 70 | 0.0008 | 0.063 | 0.0247 | 0.0265 | 0.0005 | 0.0039 | 0.0321 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 10 | 60 | 0.0008 | 0.042 | 0.0189 | 0.017 | 0.0004 | 0.0028 | 0.0221 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.0018 | 0.39 | 0.107 | 0.155 | -- | -- | 0.32 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.53 | 11 | 8.469 | 2.015 | -- | -- | 9.637 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 8.43 | 11.4 | 10.2 | 0.916 | -- | -- | 10.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | gt05lte10ft | ethylbenzene | µg/kg | 6 | 10 | 60 | 0.12 | 8.9 | 2.778 | 3.746 | 0.12 | 0.13 | 3.817 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 5.88 | 20.7 | 8.142 | 4.533 | -- | -- | 10.99 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | gt05lte10ft | naphthalene | mg/kg | 7 | 10 | 70 | 0.00074 | 0.029 | 0.00668 | 0.0101 | 0.00025 | 0.00028 | 0.0103 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.0021 | 0.67 | 0.19 | 0.289 | -- | -- | 0.589 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | gt05lte10ft | tph as diesel | mg/kg | 7 | 10 | 70 | 5.2 | 1000 | 233.5 | 354.4 | 4.8 | 4.8 | 365.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 344 249th st | gt05lte10ft | tph as motor oil | mg/kg | 7 | 10 | 70 | 13 | 2600 | 570.3 | 923.6 | 7 | 7 | 923.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 19.8 | 39.5 | 31.99 | 7.431 | -- | -- | 36.3 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 28.5 | 48.3 | 34.53 | 5.49 | -- | -- | 37.78 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 14 | 36 | 0.17 | 0.36 | 0.264 | 0.0796 | 0.096 | 0.13 | 0.286 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 14 | 93 | 0.002 | 0.16 | 0.031 | 0.0422 | 0.015 | 0.015 | 0.0773 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte02ft | antimony | mg/kg | 10 | 14 | 71 | 0.433 | 0.869 | 0.663 | 0.155 | 0.306 | 0.306 | 0.683 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 1.27 | 3.71 | 2.079 | 0.643 | -- | -- | 2.383 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.0177 | 0.542 | 0.124 | 0.161 | -- | -- | 0.22 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte02ft | benzene | µg/kg | 10 | 14 | 71 | 0.16 | 1.1 | 0.487 | 0.326 | 0.11 | 0.15 | 0.543 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.011 | 0.8 | 0.161 | 0.251 | -- | -- | 0.453 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte02ft | benzo (a) pyrene | mg/kg | 13 | 14 | 93 | 0.013 | 0.37 | 0.0905 | 0.107 | 0.0099 | 0.0099 | 0.208 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 14 | 79 | 0.0094 | 0.39 | 0.0813 | 0.113 | 0.007 | 0.007 | 0.188 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 14 | 43 | 0.0088 | 0.28 | 0.0768 | 0.102 | 0.0056 | 0.023 | 0.074 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.02 | 1.8 | 0.337 | 0.488 | -- | -- | 0.642 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 5.42 | 7.62 | 6.181 | 0.649 | -- | -- | 6.488 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte02ft | copper | mg/kg | 14 | 14 | 100 | 7.09 | 22.4 | 10.55 | 4.203 | -- | -- | 12.65 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 14 | 50 | 0.0025 | 0.11 | 0.0353 | 0.037 | 0.0034 | 0.013 | 0.0373 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 14 | 79 | 0.0076 | 0.11 | 0.0393 | 0.0339 | 0.017 | 0.017 | 0.0486 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte02ft | lead | mg/kg | 14 | 14 | 100 | 7.71 | 65.7 | 17.63 | 15.82 | -- | -- | 36.06 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte02ft | naphthalene | mg/kg | 5 | 14 | 36 | 0.00056 | 0.061 | 0.019 | 0.0256 | 0.00027 | 0.00038 | 0.0181 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.027 | 2.2 | 0.404 | 0.644 | -- | -- | 1.155 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte02ft | toluene | µg/kg | 8 | 14 | 57 | 0.14 | 0.62 | 0.305 | 0.186 | 0.12 | 0.16 | 0.313 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte02ft | tph as diesel | mg/kg | 12 | 14 | 86 | 31 | 470 | 170.3 | 159.4 | 4.8 | 4.8 | 219.1 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte02ft | tph as motor oil | mg/kg | 13 | 14 | 93 | 9.1 | 2500 | 652 | 751.6 | 7 | 7 | 1473 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 16.3 | 28.6 | 20.84 | 3.049 | -- | -- | 22.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 26.9 | 109 | 43.21 | 22.47 | -- | -- | 53.59 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 25 | 40 | 0.17 | 0.47 | 0.295 | 0.0936 | 0.094 | 0.8 | 0.276 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 25 | 28 | 0.0016 | 0.3 | 0.0644 | 0.111 | 0.0011 | 0.043 | 0.0425 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 22 | 25 | 88 | 0.0014 | 0.33 | 0.0497 | 0.0781 | 0.012 | 0.024 | 0.11 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | antimony | mg/kg | 18 | 25 | 72 | 0.368 | 1.05 | 0.667 | 0.177 | 0.306 | 0.306 | 0.662 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte05ft | arsenic | mg/kg | 25 | 25 | 100 | 1.13 | 4.67 | 2.238 | 1.005 | -- | -- | 2.607 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.004 | 0.542 | 0.106 | 0.144 | -- | -- | 0.197 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte05ft | benzene | µg/kg | 15 | 25 | 60 | 0.16 | 1.1 | 0.409 | 0.289 | 0.11 | 0.18 | 0.397 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | benzo (a) anthracene | mg/kg | 25 | 25 | 100 | 0.0037 | 0.8 | 0.137 | 0.217 | -- | -- | 0.304 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte05ft | benzo (a) pyrene | mg/kg | 23 | 25 | 92 | 0.003 | 0.37 | 0.0772 | 0.0985 | 0.0099 | 0.049 | 0.156 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 25 | 72 | 0.0022 | 0.39 | 0.0631 | 0.0944 | 0.007 | 0.035 | 0.12 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 10 | 25 | 40 | 0.004 | 0.28 | 0.0555 | 0.0821 | 0.0011 | 0.11 | 0.0469 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.0099 | 1.8 | 0.327 | 0.448 | -- | -- | 0.514 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 5.42 | 10.1 | 6.474 | 1.102 | -- | -- | 6.867 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte05ft | copper | mg/kg | 25 | 25 | 100 | 6.12 | 22.4 | 9.84 | 3.474 | -- | -- | 11.09 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 25 | 44 | 0.0025 | 0.11 | 0.0319 | 0.038 | 0.0007 | 0.067 | 0.0263 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 25 | 68 | 0.0014 | 0.11 | 0.033 | 0.0331 | 0.017 | 0.087 | 0.0364 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | lead | mg/kg | 25 | 25 | 100 | 4.17 | 65.7 | 14.36 | 13.09 | -- | -- | 18.19 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte05ft | naphthalene | mg/kg | 14 | 25 | 56 | 0.00031 | 0.061 | 0.0115 | 0.0192 | 0.00027 | 0.0011 | 0.012 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | pyrene | mg/kg | 25 | 25 | 100 | 0.006 | 2.2 | 0.43 | 0.609 | -- | -- | 0.699 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | toluene | µg/kg | 8 | 25 | 32 | 0.14 | 0.62 | 0.305 | 0.186 | 0.12 | 0.7 | 0.242 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | tph as diesel | mg/kg | 20 | 25 | 80 | 31 | 3300 | 456.2 | 779.4 | 4.8 | 4.8 | 997.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte05ft | tph as motor oil | mg/kg | 23 | 25 | 92 | 9.1 | 7500 | 1046 | 1686 | 7 | 7 | 2395 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 16.3 | 34.1 | 21.67 | 4.299 | -- | -- | 23.12 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte05ft | xylenes, total | µg/kg | 6 | 25 | 24 | 0.2 | 0.97 | 0.443 | 0.276 | 0.16 | 0.76 | 0.404 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 22.7 | 109 | 36.98 | 18.38 | -- | -- | 43.64 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 35 | 49 | 0.15 | 55 | 4.145 | 13.29 | 0.094 | 0.8 | 9.086 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 35 | 17 | 0.083 | 14 | 3.756 | 5.872 | 0.077 | 0.75 | 1.532 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 14 | 35 | 40 | 0.0016 | 0.3 | 0.0427 | 0.0824 | 0.0011 | 0.043 | 0.0603 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 30 | 35 | 86 | 0.0014 | 0.33 | 0.0405 | 0.0689 | 0.0006 | 0.024 | 0.0833 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte10ft | antimony | mg/kg | 25 | 35 | 71 | 0.368 | 1.05 | 0.668 | 0.171 | 0.149 | 0.306 | 0.65 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 344 249th st | lte10ft | arsenic | mg/kg | 35 | 35 | 100 | 1.13 | 4.73 | 2.755 | 1.21 | -- | -- | 3.102 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte10ft | bap teq | mg/kg | 35 | 35 | 100 | 0.000627 | 0.542 | 0.083 | 0.127 | -- | -- | 0.125 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte10ft | benzene | µg/kg | 21 | 35 | 60 | 0.16 | 1.3 | 0.413 | 0.328 | 0.11 | 0.18 | 0.393 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 344 249th st | lte10ft | benzo (a) anthracene | mg/kg | 35 | 35 | 100 | 0.0012 | 0.8 | 0.107 | 0.19 | -- | -- | 0.166 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte10ft | benzo (a) pyrene | mg/kg | 30 | 35 | 86 | 0.0008 | 0.37 | 0.0649 | 0.0895 | 0.0005 | 0.049 | 0.119 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 24 | 35 | 69 | 0.0008 | 0.39 | 0.0521 | 0.0838 | 0.0004 | 0.035 | 0.0584 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 12 | 35 | 34 | 0.004 | 0.28 | 0.0486 | 0.076 | 0.0011 | 0.11 | 0.035 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte10ft | chrysene | mg/kg | 35 | 35 | 100 | 0.0018 | 1.8 | 0.264 | 0.398 | -- | -- | 0.404 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte10ft | cobalt | mg/kg | 35 | 35 | 100 | 5.42 | 11 | 7.044 | 1.664 | -- | -- | 7.528 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte10ft | copper | mg/kg | 35 | 35 | 100 | 6.12 | 22.4 | 9.944 | 2.961 | -- | -- | 10.83 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 13 | 35 | 37 | 0.0025 | 0.11 | 0.028 | 0.036 | 0.0007 | 0.067 | 0.0198 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte10ft | ethylbenzene | µg/kg | 8 | 35 | 23 | 0.12 | 8.9 | 2.131 | 3.385 | 0.12 | 0.21 | 1.11 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 35 | 54 | 0.0014 | 0.11 | 0.0307 | 0.032 | 0.0009 | 0.087 | 0.029 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte10ft | lead | mg/kg | 35 | 35 | 100 | 4.17 | 65.7 | 12.58 | 11.6 | -- | -- | 21.13 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte10ft | naphthalene | mg/kg | 21 | 35 | 60 | 0.00031 | 0.061 | 0.00992 | 0.0166 | 0.00025 | 0.0011 | 0.0162 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte10ft | pyrene | mg/kg | 35 | 35 | 100 | 0.0021 | 2.2 | 0.361 | 0.544 | -- | -- | 0.568 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte10ft | toluene | µg/kg | 12 | 35 | 34 | 0.14 | 0.62 | 0.301 | 0.18 | 0.12 | 0.7 | 0.237 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 344 249th st | lte10ft | tph as diesel | mg/kg | 27 | 35 | 77 | 5.2 | 3300 | 398.5 | 694.8 | 4.8 | 4.8 | 775 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte10ft | tph as gasoline | mg/kg | 7 | 35 | 20 | 0.069 | 0.27 | 0.129 | 0.0767 | 0.039 | 0.069 | 0.0934 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte10ft | tph as motor oil | mg/kg | 30 | 35 | 86 | 9.1 | 7500 | 934.9 | 1541 | 7 | 7 | 1881 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 344 249th st | lte10ft | vanadium | mg/kg | 35 | 35 | 100 | 16.3 | 39.5 | 24.62 | 7.074 | -- | -- | 26.67 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 344 249th st | lte10ft | xylenes, total | µg/kg | 10 | 35 | 29 | 0.2 | 7.2 | 1.748 | 2.608 | 0.16 | 0.76 | 1.257 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 344 249th st | lte10ft | zinc | mg/kg | 35 | 35 | 100 | 22.7 | 109 | 36.28 | 15.74 | -- | -- | 41.03 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 26 | 58 | 0.091 | 210 | 31.29 | 66.51 | 0.087 | 9.3 | 63.39 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 26 | 35 | 0.087 | 21 | 2.494 | 6.941 | 0.072 | 220 | 4.929 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 18 | 26 | 69 | 0.0024 | 27 | 1.954 | 6.323 | 0.0011 | 0.0011 | 5.92 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 21 | 26 | 81 | 0.0007 | 25 | 1.537 | 5.423 | 0.0006 | 0.0006 | 5.441 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | gt05lte10ft | arsenic | mg/kg | 26 | 26 | 100 | 2.38 | 5.36 | 3.665 | 0.758 | -- | -- | 3.918 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | gt05lte10ft | bap teq | mg/kg | 24 | 26 | 92 | 0.000823 | 2.431 | 0.302 | 0.726 | 0.00053 | 0.00053 | 0.88 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | benzene | µg/kg | 10 | 26 | 38 | 0.12 | 76 | 7.795 | 23.96 | 0.098 | 20 | 16.22 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 23 | 26 | 88 | 0.0007 | 4.4 | 0.449 | 1.127 | 0.0007 | 0.0007 | 1.312 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 24 | 26 | 92 | 0.0005 | 1.8 | 0.216 | 0.519 | 0.0005 | 0.0005 | 0.628 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 20 | 26 | 77 | 0.0005 | 1.1 | 0.141 | 0.309 | 0.0004 | 0.0004 | 0.346 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | gt05lte10ft | cadmium | mg/kg | 16 | 26 | 62 | 0.0931 | 1.93 | 1.176 | 0.657 | 0.0099 | 0.0883 | 1.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | chromium, hexavalent | mg/kg | 6 | 26 | 23 | 0.13 | 0.38 | 0.272 | 0.0833 | 0.22 | 0.22 | 0.29 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | gt05lte10ft | chrysene | mg/kg | 23 | 26 | 88 | 0.0014 | 11 | 1.212 | 2.953 | 0.0012 | 0.0012 | 3.47 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | cobalt | mg/kg | 26 | 26 | 100 | 4.93 | 9.81 | 7.496 | 1.117 | -- | -- | 7.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | gt05lte10ft | copper | mg/kg | 26 | 26 | 100 | 5.9 | 26.6 | 10.31 | 3.574 | -- | -- | 11.6 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 26 | 19 | 0.0007 | 0.025 | 0.00578 | 0.0107 | 0.0007 | 0.54 | 0.00539 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | ethylbenzene | µg/kg | 11 | 26 | 42 | 0.22 | 110 | 20.81 | 41.85 | 0.12 | 12 | 33.93 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 26 | 31 | 0.0009 | 0.034 | 0.00828 | 0.0124 | 0.0009 | 0.69 | 0.00782 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | gt05lte10ft | lead | mg/kg | 25 | 26 | 96 | 3.75 | 171 | 15.55 | 33.18 | 0.181 | 0.181 | 42.98 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | naphthalene | mg/kg | 17 | 26 | 65 | 0.00095 | 2.8 | 0.241 | 0.676 | 0.00024 | 0.36 | 0.637 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | gt05lte10ft | pyrene | mg/kg | 25 | 26 | 96 | 0.0009 | 18 | 1.812 | 4.73 | 0.0008 | 0.0008 | 5.719 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | thallium | mg/kg | 12 | 26 | 46 | 2.05 | 3.47 | 2.744 | 0.437 | 0.0987 | 0.232 | 2.615 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | gt05lte10ft | toluene | µg/kg | 10 | 26 | 38 | 0.14 | 46 | 8.899 | 18.03 | 0.11 | 13 | 13.82 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | tph as diesel | mg/kg | 16 | 26 | 62 | 6.6 | 36000 | 4661 | 10463 | 4.8 | 4.8 | 6208 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 345 249th st | gt05lte10ft | tph as gasoline | mg/kg | 18 | 26 | 69 | 0.049 | 48 | 6.492 | 14.84 | 0.047 | 0.055 | 15.38 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | tph as motor oil | mg/kg | 16 | 26 | 62 | 18 | 48000 | 6424 | 14250 | 7 | 7 | 8454 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 345 249th st | gt05lte10ft | vanadium | mg/kg | 26 | 26 | 100 | 23.8 | 39.1 | 30.31 | 3.046 | -- | -- | 31.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | gt05lte10ft | xylenes, total | µg/kg | 11 | 26 | 42 | 0.16 | 210 | 36.11 | 78.85 | 0.15 | 17 | 62.03 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | gt05lte10ft | zinc | mg/kg | 26 | 26 | 100 | 26.4 | 60.9 | 34.45 | 9.23 | -- | -- | 37.67 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte02ft | 1-methylnaphthalene | mg/kg | 16 | 43 | 37 | 0.0012 | 0.052 | 0.0116 | 0.0138 | 0.0011 | 0.38 | 0.0103 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 345 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 31 | 43 | 72 | 0.0021 | 0.14 | 0.0281 | 0.0358 | 0.0024 | 0.4 | 0.0449 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte02ft | arsenic | mg/kg | 43 | 43 | 100 | 1.01 | 5.99 | 3.438 | 1.029 | -- | -- | 3.702 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte02ft | bap teq | mg/kg | 41 | 43 | 95 | 0.00221 | 0.493 | 0.0666 | 0.0928 | 0.124 | 0.485 | 0.127 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 345 249th st | lte02ft | benzene | µg/kg | 22 | 43 | 51 | 0.12 | 0.41 | 0.231 | 0.0871 | 0.1 | 12 | 0.202 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte02ft | benzo (a) anthracene | mg/kg | 38 | 43 | 88 | 0.0029 | 0.35 | 0.0543 | 0.077 | 0.0026 | 0.44 | 0.101 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte02ft | benzo (a) pyrene | mg/kg | 40 | 43 | 93 | 0.0024 | 0.39 | 0.0518 | 0.0734 | 0.002 | 0.46 | 0.0987 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 345 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 35 | 43 | 81 | 0.0016 | 0.13 | 0.0285 | 0.032 | 0.0014 | 0.43 | 0.0459 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 19 | 43 | 44 | 0.0019 | 0.092 | 0.018 | 0.0232 | 0.0011 | 0.52 | 0.0174 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte02ft | cadmium | mg/kg | 32 | 43 | 74 | 0.107 | 1.77 | 0.91 | 0.58 | 0.0099 | 0.0883 | 1.112 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 345 249th st | lte02ft | chrysene | mg/kg | 41 | 43 | 95 | 0.0074 | 1.3 | 0.156 | 0.261 | 0.11 | 0.45 | 0.321 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte02ft | cobalt | mg/kg | 43 | 43 | 100 | 4.91 | 8.6 | 6.914 | 0.76 | -- | -- | 7.109 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte02ft | copper | mg/kg | 43 | 43 | 100 | 7.29 | 24.4 | 10.17 | 2.668 | -- | -- | 10.9 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 17 | 43 | 40 | 0.0013 | 0.047 | 0.0101 | 0.0133 | 0.0027 | 0.81 | 0.00879 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 345 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 43 | 53 | 0.0016 | 0.072 | 0.0156 | 0.0175 | 0.0035 | 0.92 | 0.0157 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 345 249th st | lte02ft | lead | mg/kg | 42 | 43 | 98 | 3.57 | 42.8 | 13.49 | 9.867 | 0.181 | 0.181 | 19.82 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte02ft | naphthalene | mg/kg | 18 | 43 | 42 | 0.00063 | 0.046 | 0.0124 | 0.0144 | 0.00026 | 0.029 | 0.00843 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 345 249th st | lte02ft | pyrene | mg/kg | 41 | 43 | 95 | 0.0041 | 1.5 | 0.17 | 0.346 | 0.1 | 0.41 | 0.39 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte02ft | thallium | mg/kg | 21 | 43 | 49 | 2.19 | 3.38 | 2.954 | 0.319 | 0.0987 | 0.232 | 2.798 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte02ft | toluene | µg/kg | 19 | 43 | 44 | 0.13 | 2.8 | 0.428 | 0.601 | 0.12 | 13 | 0.387 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte02ft | tph as diesel | mg/kg | 40 | 43 | 93 | 6.7 | 3000 | 339.1 | 546.5 | 4.8 | 4.8 | 670.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte02ft | tph as gasoline | mg/kg | 14 | 43 | 33 | 0.052 | 0.23 | 0.104 | 0.0612 | 0.047 | 0.065 | 0.0836 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte02ft | tph as motor oil | mg/kg | 42 | 43 | 98 | 12 | 6900 | 881.4 | 1283 | 7 | 7 | 1709 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 345 249th st | lte02ft | vanadium | mg/kg | 43 | 43 | 100 | 17.1 | 31 | 25.49 | 3.315 | -- | -- | 26.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte02ft | xylenes, total | µg/kg | 5 | 43 | 12 | 0.18 | 0.73 | 0.346 | 0.239 | 0.16 | 18 | 0.251 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte02ft | zinc | mg/kg | 43 | 43 | 100 | 22.9 | 158 | 37.45 | 20.61 | -- | -- | 43.14 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 67 | 15 | 0.11 | 0.42 | 0.251 | 0.0986 | 0.088 | 10 | 0.203 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 29 | 67 | 43 | 0.0012 | 4.5 | 0.209 | 0.837 | 0.0011 | 0.38 | 0.391 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 51 | 67 | 76 | 0.0009 | 4.2 | 0.141 | 0.597 | 0.0006 | 0.4 | 0.388 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte05ft | arsenic | mg/kg | 67 | 67 | 100 | 1.01 | 5.99 | 3.021 | 1.101 | -- | -- | 3.246 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte05ft | bap teq | mg/kg | 62 | 67 | 93 | 0.00153 | 0.898 | 0.0758 | 0.137 | 0.00053 | 0.485 | 0.143 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte05ft | benzene | µg/kg | 36 | 67 | 54 | 0.11 | 0.41 | 0.209 | 0.0855 | 0.1 | 12 | 0.182 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 345 249th st | lte05ft | benzo (a) anthracene | mg/kg | 58 | 67 | 87 | 0.0009 | 0.55 | 0.0628 | 0.101 | 0.0007 | 0.44 | 0.108 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte05ft | benzo (a) pyrene | mg/kg | 61 | 67 | 91 | 0.0011 | 0.69 | 0.0586 | 0.107 | 0.0005 | 0.46 | 0.11 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 52 | 67 | 78 | 0.0007 | 0.27 | 0.0313 | 0.0465 | 0.0004 | 0.43 | 0.0488 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 27 | 67 | 40 | 0.0012 | 0.21 | 0.0254 | 0.0428 | 0.0011 | 0.52 | 0.0198 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte05ft | cadmium | mg/kg | 45 | 67 | 67 | 0.0991 | 1.77 | 0.913 | 0.549 | 0.0099 | 0.0883 | 0.962 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte05ft | chromium, hexavalent | mg/kg | 6 | 65 | 9.2 | 0.11 | 0.6 | 0.308 | 0.168 | 0.22 | 0.22 | 0.265 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte05ft | chrysene | mg/kg | 61 | 67 | 91 | 0.0021 | 1.5 | 0.172 | 0.297 | 0.0012 | 0.45 | 0.312 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte05ft | cobalt | mg/kg | 67 | 67 | 100 | 4.91 | 8.6 | 6.804 | 0.846 | -- | -- | 6.976 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte05ft | copper | mg/kg | 67 | 67 | 100 | 6.43 | 24.4 | 9.696 | 2.758 | -- | -- | 10.28 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 24 | 67 | 36 | 0.0013 | 0.18 | 0.018 | 0.0371 | 0.0007 | 0.81 | 0.0141 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 33 | 67 | 49 | 0.0014 | 0.29 | 0.0238 | 0.0508 | 0.0009 | 0.92 | 0.0218 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 345 249th st | lte05ft | lead | mg/kg | 65 | 67 | 97 | 3.33 | 203 | 14.52 | 25.64 | 0.181 | 0.181 | 27.68 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte05ft | naphthalene | mg/kg | 34 | 67 | 51 | 0.00032 | 0.77 | 0.0446 | 0.137 | 0.00025 | 0.029 | 0.0761 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte05ft | pyrene | mg/kg | 64 | 67 | 96 | 0.0015 | 1.5 | 0.163 | 0.312 | 0.0008 | 0.41 | 0.321 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte05ft | thallium | mg/kg | 31 | 67 | 46 | 2.19 | 3.38 | 2.987 | 0.295 | 0.0987 | 0.232 | 2.801 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte05ft | toluene | µg/kg | 29 | 67 | 43 | 0.12 | 2.8 | 0.343 | 0.498 | 0.11 | 13 | 0.307 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte05ft | tph as diesel | mg/kg | 58 | 67 | 87 | 5.4 | 3000 | 418.8 | 649.6 | 4.8 | 4.8 | 693.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte05ft | tph as gasoline | mg/kg | 28 | 67 | 42 | 0.05 | 0.98 | 0.14 | 0.179 | 0.046 | 0.42 | 0.115 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte05ft | tph as motor oil | mg/kg | 60 | 67 | 90 | 12 | 6900 | 922.6 | 1311 | 7 | 7 | 1505 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 345 249th st | lte05ft | vanadium | mg/kg | 67 | 67 | 100 | 16.2 | 31.6 | 24.2 | 4.269 | -- | -- | 25.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte05ft | xylenes, total | µg/kg | 8 | 67 | 12 | 0.18 | 0.73 | 0.315 | 0.187 | 0.15 | 18 | 0.214 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 345 249th st | lte05ft | zinc | mg/kg | 67 | 67 | 100 | 21.3 | 158 | 34.2 | 17.51 | -- | -- | 38.02 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 25 | 93 | 27 | 0.091 | 210 | 18.87 | 53.12 | 0.087 | 10 | 18.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 93 | 10 | 0.087 | 21 | 2.494 | 6.941 | 0.072 | 220 | 1.382 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 47 | 93 | 51 | 0.0012 | 27 | 0.877 | 3.992 | 0.0011 | 0.38 | 1.744 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 72 | 93 | 77 | 0.0007 | 25 | 0.548 | 2.99 | 0.0006 | 0.4 | 1.619 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | antimony | mg/kg | 8 | 93 | 8.6 | 0.346 | 0.663 | 0.514 | 0.131 | 0.191 | 0.306 | 0.486 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte10ft | arsenic | mg/kg | 93 | 93 | 100 | 1.01 | 5.99 | 3.201 | 1.053 | -- | -- | 3.383 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte10ft | bap teq | mg/kg | 86 | 93 | 92 | 0.000823 | 2.431 | 0.139 | 0.408 | 0.00053 | 0.485 | 0.308 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte10ft | benzene | µg/kg | 46 | 93 | 49 | 0.11 | 76 | 1.858 | 11.17 | 0.098 | 20 | 2.61 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | benzo (a) anthracene | mg/kg | 81 | 93 | 87 | 0.0007 | 4.4 | 0.172 | 0.622 | 0.0007 | 0.44 | 0.415 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte10ft | benzo (a) pyrene | mg/kg | 85 | 93 | 91 | 0.0005 | 1.8 | 0.103 | 0.295 | 0.0005 | 0.46 | 0.223 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 72 | 93 | 77 | 0.0005 | 1.1 | 0.0619 | 0.172 | 0.0004 | 0.43 | 0.118 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 31 | 93 | 33 | 0.0012 | 0.21 | 0.0245 | 0.0404 | 0.0011 | 0.9 | 0.0158 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte10ft | cadmium | mg/kg | 61 | 93 | 66 | 0.0931 | 1.93 | 0.982 | 0.585 | 0.0099 | 0.0883 | 0.964 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | chromium, hexavalent | mg/kg | 12 | 91 | 13 | 0.11 | 0.6 | 0.29 | 0.128 | 0.22 | 0.22 | 0.253 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte10ft | chrysene | mg/kg | 84 | 93 | 90 | 0.0014 | 11 | 0.457 | 1.61 | 0.0012 | 0.45 | 1.108 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 345 249th st | lte10ft | cobalt | mg/kg | 93 | 93 | 100 | 4.91 | 9.81 | 6.997 | 0.975 | -- | -- | 7.165 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 345 249th st | lte10ft | copper | mg/kg | 93 | 93 | 100 | 5.9 | 26.6 | 9.869 | 3.001 | -- | -- | 10.41 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 29 | 93 | 31 | 0.0007 | 0.18 | 0.0159 | 0.0342 | 0.0007 | 0.81 | 0.011 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte10ft | ethylbenzene | µg/kg | 13 | 93 | 14 | 0.15 | 110 | 17.63 | 38.98 | 0.12 | 14 | 9.775 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 41 | 93 | 44 | 0.0009 | 0.29 | 0.0208 | 0.0461 | 0.0009 | 0.92 | 0.0169 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 345 249th st | lte10ft | lead | mg/kg | 90 | 93 | 97 | 3.33 | 203 | 14.81 | 27.75 | 0.181 | 0.181 | 19.35 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | naphthalene | mg/kg | 51 | 93 | 55 | 0.00032 | 2.8 | 0.11 | 0.409 | 0.00024 | 0.36 | 0.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte10ft | pyrene | mg/kg | 89 | 93 | 96 | 0.0009 | 18 | 0.627 | 2.593 | 0.0008 | 0.41 | 1.749 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | thallium | mg/kg | 43 | 93 | 46 | 2.05 | 3.47 | 2.919 | 0.353 | 0.0987 | 0.232 | 2.538 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 345 249th st | lte10ft | toluene | µg/kg | 39 | 93 | 42 | 0.12 | 46 | 2.537 | 9.566 | 0.11 | 13 | 2.433 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | tph as diesel | mg/kg | 74 | 93 | 80 | 5.4 | 36000 | 1336 | 5091 | 4.8 | 4.8 | 3131 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte10ft | tph as gasoline | mg/kg | 46 | 93 | 49 | 0.049 | 48 | 2.625 | 9.644 | 0.046 | 0.42 | 4.445 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | tph as motor oil | mg/kg | 76 | 93 | 82 | 12 | 48000 | 2081 | 6860 | 7 | 7 | 4529 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 345 249th st | lte10ft | vanadium | mg/kg | 93 | 93 | 100 | 16.2 | 39.1 | 25.91 | 4.815 | -- | -- | 26.74 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | xylenes, total | µg/kg | 19 | 93 | 20 | 0.16 | 210 | 21.04 | 61.51 | 0.15 | 18 | 17.59 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 345 249th st | lte10ft | zinc | mg/kg | 93 | 93 | 100 | 21.3 | 158 | 34.27 | 15.6 | -- | -- | 37.12 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 347 244th st | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 4.48 | 14.2 | 6.681 | 3.152 | -- | -- | 8.952 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 347 244th st | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 6 | 9.99 | 7.584 | 1.325 | -- | -- | 8.471 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 9.65 | 18.9 | 12.11 | 3.162 | -- | -- | 14.38 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 347 244th st | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 3.61 | 6.11 | 4.639 | 0.963 | -- | -- | 5.283 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 24.1 | 44.3 | 29.1 | 6.736 | -- | -- | 33.86 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 347 244th st | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 29.1 | 45.9 | 33.64 | 5.689 | -- | -- | 37.66 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 347 244th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 16 | 44 | 0.1 | 0.31 | 0.234 | 0.0744 | 0.094 | 0.12 | 0.243 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 16 | 63 | 0.0007 | 0.0084 | 0.00404 | 0.00289 | 0.0006 | 0.012 | 0.00452 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | antimony | mg/kg | 5 | 16 | 31 | 0.478 | 0.844 | 0.68 | 0.14 | 0.306 | 0.306 | 0.739 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 4.84 | 9.34 | 6.922 | 1.277 | -- | -- | 7.481 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | bap teq | mg/kg | 12 | 16 | 75 | 0.00059 | 0.0357 | 0.0115 | 0.0121 | 0.00053 | 0.00411 | 0.0214 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte02ft | benzene | µg/kg | 7 | 16 | 44 | 0.15 | 0.25 | 0.186 | 0.0378 | 0.11 | 0.13 | 0.183 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | benzo (a) anthracene | mg/kg | 11 | 16 | 69 | 0.0008 | 0.025 | 0.00953 | 0.00734 | 0.0007 | 0.0052 | 0.0101 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | benzo (a) pyrene | mg/kg | 8 | 16 | 50 | 0.0015 | 0.028 | 0.0122 | 0.00934 | 0.0005 | 0.0039 | 0.0127 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 16 | 56 | 0.0008 | 0.016 | 0.00763 | 0.00562 | 0.0004 | 0.0028 | 0.00737 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | chrysene | mg/kg | 12 | 16 | 75 | 0.0015 | 0.077 | 0.0238 | 0.0233 | 0.0012 | 0.0095 | 0.0282 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 7.9 | 14.6 | 10.95 | 1.703 | -- | -- | 11.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | copper | mg/kg | 16 | 16 | 100 | 10.1 | 35.2 | 21.99 | 6.225 | -- | -- | 24.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | lead | mg/kg | 16 | 16 | 100 | 6.2 | 26.9 | 13.19 | 7.578 | -- | -- | 21.45 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 347 244th st | lte02ft | pyrene | mg/kg | 12 | 16 | 75 | 0.0018 | 0.036 | 0.0137 | 0.0116 | 0.0008 | 0.0065 | 0.0158 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | toluene | µg/kg | 6 | 16 | 38 | 0.18 | 0.53 | 0.322 | 0.118 | 0.12 | 0.15 | 0.323 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | tph as diesel | mg/kg | 13 | 16 | 81 | 5.7 | 280 | 88.23 | 92.53 | 4.8 | 4.8 | 170.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte02ft | tph as motor oil | mg/kg | 12 | 16 | 75 | 25 | 1100 | 283.7 | 333.1 | 7 | 7 | 558.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 30.1 | 44.5 | 35.93 | 4.182 | -- | -- | 37.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 30.3 | 114 | 60.41 | 25.02 | -- | -- | 72.33 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 24 | 38 | 0.1 | 0.31 | 0.217 | 0.0766 | 0.094 | 0.14 | 0.219 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 24 | 54 | 0.0007 | 0.019 | 0.00489 | 0.005 | 0.0006 | 0.012 | 0.00471 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte05ft | antimony | mg/kg | 8 | 24 | 33 | 0.478 | 0.844 | 0.661 | 0.136 | 0.306 | 0.306 | 0.626 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 4.84 | 9.34 | 7.2 | 1.263 | -- | -- | 7.642 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | bap teq | mg/kg | 15 | 24 | 63 | 0.00059 | 0.0357 | 0.0106 | 0.0114 | 0.00053 | 0.00411 | 0.0109 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte05ft | benzene | µg/kg | 8 | 24 | 33 | 0.15 | 0.28 | 0.198 | 0.0483 | 0.11 | 0.16 | 0.184 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | benzo (a) anthracene | mg/kg | 13 | 24 | 54 | 0.0008 | 0.025 | 0.00895 | 0.00692 | 0.0007 | 0.0052 | 0.00771 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | benzo (a) pyrene | mg/kg | 11 | 24 | 46 | 0.0008 | 0.028 | 0.0102 | 0.00899 | 0.0005 | 0.0039 | 0.00807 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 12 | 24 | 50 | 0.0007 | 0.016 | 0.0066 | 0.00555 | 0.0004 | 0.0028 | 0.00541 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | chrysene | mg/kg | 14 | 24 | 58 | 0.0015 | 0.077 | 0.0215 | 0.0223 | 0.0012 | 0.0095 | 0.0208 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 7.9 | 14.6 | 11.34 | 1.595 | -- | -- | 11.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | copper | mg/kg | 24 | 24 | 100 | 10.1 | 35.2 | 21.3 | 5.262 | -- | -- | 23.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 24 | 21 | 0.001 | 0.013 | 0.00604 | 0.00492 | 0.0009 | 0.017 | 0.00771 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | lead | mg/kg | 24 | 24 | 100 | 6.2 | 26.9 | 11.27 | 6.732 | -- | -- | 13.7 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 347 244th st | lte05ft | naphthalene | mg/kg | 6 | 24 | 25 | 0.0011 | 0.006 | 0.00317 | 0.00215 | 0.00026 | 0.00035 | 0.00257 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | pyrene | mg/kg | 16 | 24 | 67 | 0.0018 | 0.036 | 0.0129 | 0.0108 | 0.0008 | 0.0065 | 0.0128 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | toluene | µg/kg | 7 | 24 | 29 | 0.18 | 0.53 | 0.323 | 0.108 | 0.12 | 0.18 | 0.316 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte05ft | tph as diesel | mg/kg | 14 | 24 | 58 | 5.7 | 280 | 82.35 | 91.58 | 4.8 | 4.8 | 83.56 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 347 244th st | lte05ft | tph as motor oil | mg/kg | 15 | 24 | 63 | 16 | 1100 | 231.5 | 314.4 | 7 | 7 | 253.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 30.1 | 45.5 | 37.1 | 4.718 | -- | -- | 38.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 30.3 | 114 | 57.6 | 22.77 | -- | -- | 65.77 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 347 244th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 32 | 28 | 0.1 | 0.31 | 0.217 | 0.0766 | 0.091 | 0.14 | 0.213 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 14 | 32 | 44 | 0.0007 | 0.019 | 0.00461 | 0.00492 | 0.0006 | 0.012 | 0.00367 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 347 244th st | lte10ft | antimony | mg/kg | 8 | 32 | 25 | 0.478 | 0.844 | 0.661 | 0.136 | 0.306 | 0.306 | 0.61 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 4.48 | 14.2 | 7.07 | 1.865 | -- | -- | 7.622 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte10ft | bap teq | mg/kg | 18 | 32 | 56 | 0.000545 | 0.0357 | 0.00956 | 0.0108 | 0.00053 | 0.00411 | 0.00856 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte10ft | benzene | µg/kg | 12 | 32 | 38 | 0.15 | 1 | 0.334 | 0.274 | 0.11 | 0.16 | 0.278 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 347 244th st | lte10ft | benzo (a) anthracene | mg/kg | 14 | 32 | 44 | 0.0008 | 0.025 | 0.00873 | 0.0067 | 0.0007 | 0.0052 | 0.00633 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte10ft | benzo (a) pyrene | mg/kg | 13 | 32 | 41 | 0.0008 | 0.028 | 0.00935 | 0.0086 | 0.0005 | 0.0039 | 0.00639 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 32 | 41 | 0.0007 | 0.016 | 0.00646 | 0.00534 | 0.0004 | 0.0028 | 0.00446 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte10ft | chrysene | mg/kg | 16 | 32 | 50 | 0.0015 | 0.077 | 0.0195 | 0.0215 | 0.0012 | 0.0095 | 0.0159 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 6 | 14.6 | 10.4 | 2.241 | -- | -- | 11.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte10ft | copper | mg/kg | 32 | 32 | 100 | 9.65 | 35.2 | 19 | 6.259 | -- | -- | 20.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 32 | 19 | 0.001 | 0.013 | 0.0061 | 0.0044 | 0.0009 | 0.017 | 0.00692 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte10ft | lead | mg/kg | 32 | 32 | 100 | 3.61 | 26.9 | 9.608 | 6.506 | -- | -- | 14.62 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 347 244th st | lte10ft | naphthalene | mg/kg | 7 | 32 | 22 | 0.0011 | 0.006 | 0.00343 | 0.00208 | 0.00025 | 0.00035 | 0.00239 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte10ft | pyrene | mg/kg | 20 | 32 | 63 | 0.001 | 0.036 | 0.0115 | 0.0105 | 0.0008 | 0.0065 | 0.0106 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte10ft | toluene | µg/kg | 11 | 32 | 34 | 0.18 | 0.53 | 0.311 | 0.099 | 0.12 | 0.18 | 0.286 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte10ft | tph as diesel | mg/kg | 15 | 32 | 47 | 5.7 | 280 | 79.26 | 89.05 | 4.8 | 4.8 | 61.71 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte10ft | tph as motor oil | mg/kg | 18 | 32 | 56 | 10 | 1100 | 200.4 | 294.8 | 7 | 7 | 196.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 347 244th st | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 24.1 | 45.5 | 35.1 | 6.257 | -- | -- | 36.98 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 347 244th st | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 29.1 | 114 | 51.61 | 22.43 | -- | -- | 58.5 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 11 | 55 | 0.15 | 18000 | 5600 | 7894 | 0.089 | 0.092 | 6327 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 5 | 11 | 45 | 0.0012 | 81 | 38 | 36.35 | 0.0011 | 0.0011 | 56.36 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 11 | 64 | 0.0017 | 120 | 40.57 | 52.16 | 0.0006 | 0.0006 | 51.64 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 248th st | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 1.12 | 5.58 | 3.7 | 1.394 | -- | -- | 4.462 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | gt05lte10ft | bap teq | mg/kg | 7 | 11 | 64 | 0.00223 | 2.512 | 0.54 | 0.918 | 0.00053 | 0.00053 | 0.801 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | gt05lte10ft | benzene | µg/kg | 6 | 11 | 55 | 0.11 | 3400 | 1117 | 1380 | 0.1 | 0.11 | 1391 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 11 | 64 | 0.0019 | 2.2 | 0.644 | 0.884 | 0.0007 | 0.0007 | 0.811 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 5 | 11 | 45 | 0.0016 | 1.9 | 0.382 | 0.848 | 0.0005 | 0.49 | 0.976 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 11 | 45 | 0.0006 | 0.84 | 0.169 | 0.375 | 0.0004 | 0.35 | 0.432 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | gt05lte10ft | chrysene | mg/kg | 7 | 11 | 64 | 0.0055 | 9.6 | 2.42 | 3.672 | 0.0012 | 0.0012 | 3.304 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 5.22 | 6.95 | 6.254 | 0.614 | -- | -- | 6.589 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 7.22 | 11.7 | 9.182 | 1.248 | -- | -- | 9.864 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 3.97 | 5.56 | 4.851 | 0.595 | -- | -- | 5.176 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | gt05lte10ft | naphthalene | mg/kg | 7 | 11 | 64 | 0.0012 | 51 | 16.29 | 21.33 | 0.00025 | 0.00027 | 21.82 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 248th st | gt05lte10ft | pyrene | mg/kg | 8 | 11 | 73 | 0.0032 | 41 | 7.041 | 14.16 | 0.0008 | 0.0008 | 21.59 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | gt05lte10ft | tph as diesel | mg/kg | 7 | 11 | 64 | 5.3 | 34000 | 11742 | 15237 | 4.8 | 4.8 | 14575 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | gt05lte10ft | tph as gasoline | mg/kg | 6 | 11 | 55 | 0.059 | 2100 | 816.7 | 932.5 | 0.046 | 0.049 | 963.7 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | gt05lte10ft | tph as motor oil | mg/kg | 7 | 11 | 64 | 17 | 31000 | 10475 | 13826 | 7 | 7 | 13016 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 19.2 | 32.3 | 27.31 | 3.827 | -- | -- | 29.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | gt05lte10ft | xylenes, total | µg/kg | 5 | 11 | 45 | 0.24 | 13000 | 4300 | 5783 | 0.15 | 0.16 | 5000 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 23 | 31 | 27.35 | 2.476 | -- | -- | 28.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 23 | 35 | 0.12 | 3.4 | 0.97 | 1.085 | 0.096 | 0.14 | 0.692 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 23 | 22 | 0.0014 | 0.18 | 0.0403 | 0.0782 | 0.0011 | 0.11 | 0.0261 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 23 | 78 | 0.0015 | 0.29 | 0.046 | 0.0705 | 0.024 | 0.048 | 0.0971 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | antimony | mg/kg | 7 | 23 | 30 | 0.346 | 0.754 | 0.505 | 0.139 | 0.306 | 0.306 | 0.49 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte02ft | arsenic | mg/kg | 23 | 23 | 100 | 1.13 | 4.66 | 2.718 | 0.986 | -- | -- | 3.071 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte02ft | bap teq | mg/kg | 23 | 23 | 100 | 0.000693 | 0.319 | 0.0872 | 0.0879 | -- | -- | 0.139 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | benzene | µg/kg | 18 | 23 | 78 | 0.16 | 24 | 1.658 | 5.58 | 0.11 | 0.14 | 5.856 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte02ft | benzo (a) anthracene | mg/kg | 21 | 23 | 91 | 0.0012 | 0.34 | 0.0883 | 0.0975 | 0.026 | 0.026 | 0.169 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | benzo (a) pyrene | mg/kg | 20 | 23 | 87 | 0.0019 | 0.23 | 0.074 | 0.0651 | 0.0005 | 0.02 | 0.124 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 23 | 57 | 0.0009 | 0.12 | 0.0487 | 0.039 | 0.0004 | 0.014 | 0.0431 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte02ft | cadmium | mg/kg | 6 | 23 | 26 | 0.0914 | 0.184 | 0.115 | 0.0349 | 0.0883 | 0.0883 | 0.105 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 248th st | lte02ft | chrysene | mg/kg | 23 | 23 | 100 | 0.0039 | 0.91 | 0.218 | 0.243 | -- | -- | 0.348 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | cobalt | mg/kg | 23 | 23 | 100 | 5.59 | 8.52 | 6.62 | 0.801 | -- | -- | 6.907 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte02ft | copper | mg/kg | 23 | 23 | 100 | 6.61 | 12.2 | 9.472 | 1.459 | -- | -- | 9.994 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 348 248th st | lte02ft | ethylbenzene | µg/kg | 5 | 23 | 22 | 0.16 | 0.42 | 0.272 | 0.113 | 0.12 | 0.19 | 0.26 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 23 | 35 | 0.0009 | 0.088 | 0.0343 | 0.0311 | 0.0009 | 0.087 | 0.0296 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte02ft | lead | mg/kg | 23 | 23 | 100 | 3.21 | 26 | 10.95 | 6.363 | -- | -- | 13.53 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | naphthalene | mg/kg | 9 | 23 | 39 | 0.00057 | 0.18 | 0.0291 | 0.0595 | 0.00026 | 0.00039 | 0.0261 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 248th st | lte02ft | pyrene | mg/kg | 23 | 23 | 100 | 0.0022 | 0.89 | 0.196 | 0.274 | -- | -- | 0.338 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | toluene | µg/kg | 17 | 23 | 74 | 0.15 | 6 | 0.696 | 1.387 | 0.12 | 0.15 | 1.071 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte02ft | tph as diesel | mg/kg | 23 | 23 | 100 | 9.5 | 1600 | 464.7 | 423.3 | -- | -- | 695.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | tph as gasoline | mg/kg | 10 | 23 | 43 | 0.062 | 0.72 | 0.176 | 0.203 | 0.05 | 0.069 | 0.164 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 248th st | lte02ft | tph as motor oil | mg/kg | 23 | 23 | 100 | 26 | 4000 | 1231 | 1117 | -- | -- | 1856 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte02ft | vanadium | mg/kg | 23 | 23 | 100 | 17.8 | 33.6 | 24.14 | 4.458 | -- | -- | 25.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte02ft | xylenes, total | µg/kg | 9 | 23 | 39 | 0.2 | 1.7 | 0.761 | 0.507 | 0.16 | 0.24 | 0.621 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte02ft | zinc | mg/kg | 23 | 23 | 100 | 21.2 | 47.3 | 32.68 | 7.481 | -- | -- | 35.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 38 | 47 | 0.12 | 3000 | 206 | 715.3 | 0.088 | 0.14 | 453.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 38 | 29 | 0.097 | 850 | 95.96 | 257.1 | 0.074 | 0.12 | 130.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | 1-methylnaphthalene | mg/kg | 13 | 38 | 34 | 0.0014 | 130 | 11.74 | 36 | 0.0011 | 0.11 | 19.46 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 248th st | lte05ft | 2-methylnaphthalene | mg/kg | 31 | 38 | 82 | 0.001 | 210 | 7.666 | 37.84 | 0.0006 | 0.048 | 30.52 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | antimony | mg/kg | 9 | 38 | 24 | 0.321 | 0.754 | 0.464 | 0.145 | 0.306 | 0.306 | 0.398 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte05ft | arsenic | mg/kg | 38 | 38 | 100 | 1.01 | 4.66 | 2.339 | 0.973 | -- | -- | 2.626 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte05ft | bap teq | mg/kg | 38 | 38 | 100 | 0.00054 | 4.123 | 0.183 | 0.67 | -- | -- | 0.657 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 348 248th st | lte05ft | benzene | µg/kg | 29 | 38 | 76 | 0.12 | 430 | 16.64 | 79.7 | 0.1 | 0.14 | 62.22 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | benzo (a) anthracene | mg/kg | 34 | 38 | 89 | 0.0007 | 7.3 | 0.288 | 1.244 | 0.0007 | 0.026 | 1.092 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | benzo (a) pyrene | mg/kg | 32 | 38 | 84 | 0.0006 | 3 | 0.16 | 0.53 | 0.0005 | 0.02 | 0.481 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 248th st | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 38 | 53 | 0.0009 | 0.92 | 0.0792 | 0.201 | 0.0004 | 0.14 | 0.0909 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 248th st | lte05ft | cadmium | mg/kg | 6 | 38 | 16 | 0.0914 | 0.184 | 0.115 | 0.0349 | 0.0883 | 0.0883 | 0.0997 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 248th st | lte05ft | chrysene | mg/kg | 38 | 38 | 100 | 0.0016 | 13 | 0.535 | 2.109 | -- | -- | 2.026 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | cobalt | mg/kg | 38 | 38 | 100 | 5.2 | 8.94 | 6.487 | 0.894 | -- | -- | 6.731 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte05ft | copper | mg/kg | 38 | 38 | 100 | 5.61 | 12.2 | 8.558 | 1.747 | -- | -- | 9.036 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte05ft | ethylbenzene | µg/kg | 11 | 38 | 29 | 0.12 | 620 | 63.46 | 185.9 | 0.11 | 0.19 | 92.33 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 38 | 29 | 0.0009 | 0.088 | 0.0253 | 0.0303 | 0.0009 | 0.69 | 0.0153 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte05ft | lead | mg/kg | 38 | 38 | 100 | 2.98 | 26 | 8.202 | 6.026 | -- | -- | 12.46 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | naphthalene | mg/kg | 21 | 38 | 55 | 0.00029 | 68 | 3.866 | 14.92 | 0.00025 | 0.00039 | 10.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | pyrene | mg/kg | 38 | 38 | 100 | 0.0016 | 21 | 0.824 | 3.48 | -- | -- | 3.284 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | toluene | µg/kg | 22 | 38 | 58 | 0.15 | 110 | 5.589 | 23.35 | 0.11 | 14 | 16.02 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | tph as diesel | mg/kg | 31 | 38 | 82 | 4.9 | 45000 | 2500 | 8646 | 4.8 | 4.8 | 7606 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 248th st | lte05ft | tph as gasoline | mg/kg | 18 | 38 | 47 | 0.062 | 200 | 17.55 | 49.01 | 0.045 | 0.069 | 33.03 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | tph as motor oil | mg/kg | 31 | 38 | 82 | 9.5 | 37000 | 2724 | 7055 | 7 | 7 | 6793 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 248th st | lte05ft | vanadium | mg/kg | 38 | 38 | 100 | 16.4 | 33.6 | 22.75 | 4.335 | -- | -- | 23.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte05ft | xylenes, total | µg/kg | 18 | 38 | 47 | 0.16 | 2600 | 161.8 | 612.5 | 0.15 | 0.24 | 380.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte05ft | zinc | mg/kg | 38 | 38 | 100 | 19.2 | 47.3 | 28.4 | 8.007 | -- | -- | 30.63 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 248th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 24 | 49 | 49 | 0.12 | 18000 | 1555 | 4429 | 0.088 | 0.14 | 2754 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 49 | 29 | 0.097 | 4500 | 573.3 | 1293 | 0.074 | 0.12 | 625.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | 1-methylnaphthalene | mg/kg | 18 | 49 | 37 | 0.0012 | 130 | 19.03 | 37.04 | 0.0011 | 0.11 | 22.16 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | 2-methylnaphthalene | mg/kg | 38 | 49 | 78 | 0.001 | 210 | 13.73 | 42.06 | 0.0006 | 0.048 | 33.99 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | antimony | mg/kg | 10 | 49 | 20 | 0.321 | 0.754 | 0.471 | 0.138 | 0.306 | 0.306 | 0.394 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte10ft | arsenic | mg/kg | 49 | 49 | 100 | 1.01 | 5.58 | 2.644 | 1.21 | -- | -- | 2.959 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte10ft | bap teq | mg/kg | 45 | 49 | 92 | 0.00054 | 4.123 | 0.239 | 0.714 | 0.00053 | 0.00053 | 0.647 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 248th st | lte10ft | benzene | µg/kg | 35 | 49 | 71 | 0.11 | 3400 | 205.2 | 680 | 0.1 | 0.14 | 509.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | benzo (a) anthracene | mg/kg | 41 | 49 | 84 | 0.0007 | 7.3 | 0.349 | 1.189 | 0.0007 | 0.026 | 0.974 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | benzo (a) pyrene | mg/kg | 37 | 49 | 76 | 0.0006 | 3 | 0.19 | 0.572 | 0.0005 | 0.49 | 0.459 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 248th st | lte10ft | benzo (b) fluoranthene | mg/kg | 25 | 49 | 51 | 0.0006 | 0.92 | 0.0971 | 0.239 | 0.0004 | 0.35 | 0.0916 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 248th st | lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 49 | 10 | 0.0014 | 0.046 | 0.0156 | 0.0202 | 0.0011 | 1.1 | 0.0073 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte10ft | cadmium | mg/kg | 6 | 49 | 12 | 0.0914 | 0.184 | 0.115 | 0.0349 | 0.0883 | 0.0883 | 0.0978 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 248th st | lte10ft | chrysene | mg/kg | 45 | 49 | 92 | 0.0016 | 13 | 0.828 | 2.461 | 0.0012 | 0.0012 | 2.236 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | cobalt | mg/kg | 49 | 49 | 100 | 5.2 | 8.94 | 6.434 | 0.839 | -- | -- | 6.636 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte10ft | copper | mg/kg | 49 | 49 | 100 | 5.61 | 12.2 | 8.698 | 1.657 | -- | -- | 9.095 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 49 | 10 | 0.0011 | 0.067 | 0.0296 | 0.0312 | 0.0007 | 0.67 | 0.058 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte10ft | ethylbenzene | µg/kg | 14 | 49 | 29 | 0.12 | 4200 | 864.2 | 1613 | 0.11 | 0.19 | 840.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 49 | 24 | 0.0009 | 0.088 | 0.0233 | 0.0297 | 0.0009 | 0.87 | 0.0125 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 248th st | lte10ft | lead | mg/kg | 49 | 49 | 100 | 2.98 | 26 | 7.449 | 5.483 | -- | -- | 10.86 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 348 248th st | lte10ft | naphthalene | mg/kg | 28 | 49 | 57 | 0.00029 | 68 | 6.972 | 17.21 | 0.00025 | 0.00039 | 12.37 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | pyrene | mg/kg | 46 | 49 | 94 | 0.0016 | 41 | 1.905 | 6.842 | 0.0008 | 0.0008 | 5.926 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | toluene | µg/kg | 25 | 49 | 51 | 0.12 | 1100 | 70.92 | 241.4 | 0.11 | 68 | 146 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | tph as diesel | mg/kg | 38 | 49 | 78 | 4.9 | 45000 | 4202 | 10557 | 4.8 | 4.8 | 9153 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 248th st | lte10ft | tph as gasoline | mg/kg | 24 | 49 | 49 | 0.059 | 2100 | 217.3 | 561.9 | 0.045 | 0.069 | 360.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | tph as motor oil | mg/kg | 38 | 49 | 78 | 9.5 | 37000 | 4152 | 8979 | 7 | 7 | 8265 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 248th st | lte10ft | vanadium | mg/kg | 49 | 49 | 100 | 16.4 | 33.6 | 23.78 | 4.607 | -- | -- | 24.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 248th st | lte10ft | xylenes, total | µg/kg | 23 | 49 | 47 | 0.16 | 13000 | 1061 | 3069 | 0.15 | 0.24 | 1850 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 248th st | lte10ft | zinc | mg/kg | 49 | 49 | 100 | 19.2 | 47.3 | 28.16 | 7.134 | -- | -- | 29.87 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 15 | 80 | 0.27 | 270 | 28.75 | 77.69 | 0.093 | 0.46 | 102.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 15 | 60 | 0.099 | 110 | 14.35 | 36.14 | 0.079 | 0.43 | 41.24 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 12 | 15 | 80 | 0.0015 | 0.46 | 0.0864 | 0.157 | 0.0011 | 0.054 | 0.232 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 13 | 15 | 87 | 0.0015 | 0.58 | 0.0954 | 0.184 | 0.003 | 0.03 | 0.28 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | gt05lte10ft | arsenic | mg/kg | 15 | 15 | 100 | 1.33 | 6.55 | 4.182 | 1.604 | -- | -- | 4.912 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | gt05lte10ft | bap teq | mg/kg | 15 | 15 | 100 | 0.00316 | 0.268 | 0.0663 | 0.0881 | -- | -- | 0.165 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | gt05lte10ft | benzene | µg/kg | 10 | 15 | 67 | 0.16 | 6.2 | 0.925 | 1.863 | 0.1 | 11 | 2.589 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 15 | 15 | 100 | 0.0028 | 0.15 | 0.0469 | 0.0541 | -- | -- | 0.0885 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 14 | 15 | 93 | 0.0024 | 0.25 | 0.0585 | 0.0789 | 0.0025 | 0.0025 | 0.142 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 15 | 80 | 0.0012 | 0.14 | 0.0252 | 0.0417 | 0.0018 | 0.0018 | 0.0638 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | gt05lte10ft | chromium, hexavalent | mg/kg | 5 | 15 | 33 | 0.44 | 0.72 | 0.576 | 0.115 | 0.22 | 0.22 | 0.619 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | gt05lte10ft | chrysene | mg/kg | 15 | 15 | 100 | 0.006 | 1.4 | 0.198 | 0.36 | -- | -- | 0.426 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | gt05lte10ft | cobalt | mg/kg | 15 | 15 | 100 | 6.34 | 10.7 | 8.899 | 1.211 | -- | -- | 9.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | gt05lte10ft | copper | mg/kg | 15 | 15 | 100 | 7.94 | 13.1 | 10.05 | 1.315 | -- | -- | 10.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 15 | 33 | 0.001 | 0.0041 | 0.00174 | 0.00133 | 0.0007 | 0.034 | 0.00188 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | gt05lte10ft | ethylbenzene | µg/kg | 11 | 15 | 73 | 0.16 | 26 | 4.202 | 8.272 | 0.12 | 0.14 | 11.37 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | gt05lte10ft | lead | mg/kg | 15 | 15 | 100 | 3.52 | 29 | 10.62 | 7.288 | -- | -- | 14.37 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | gt05lte10ft | naphthalene | mg/kg | 12 | 15 | 80 | 0.0014 | 0.31 | 0.042 | 0.0898 | 0.00026 | 0.00064 | 0.126 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | gt05lte10ft | pyrene | mg/kg | 15 | 15 | 100 | 0.0052 | 1.5 | 0.261 | 0.419 | -- | -- | 0.642 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | gt05lte10ft | toluene | µg/kg | 8 | 15 | 53 | 0.16 | 1.6 | 0.546 | 0.493 | 0.12 | 43 | 0.592 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | gt05lte10ft | tph as diesel | mg/kg | 12 | 15 | 80 | 59 | 2500 | 789.4 | 980.5 | 4.8 | 4.8 | 1688 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | gt05lte10ft | tph as gasoline | mg/kg | 9 | 15 | 60 | 0.053 | 0.69 | 0.173 | 0.203 | 0.049 | 0.054 | 0.209 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | gt05lte10ft | tph as motor oil | mg/kg | 12 | 15 | 80 | 110 | 5700 | 1608 | 1986 | 7 | 7 | 3428 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | gt05lte10ft | vanadium | mg/kg | 15 | 15 | 100 | 21.6 | 38.7 | 31.16 | 4.535 | -- | -- | 33.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | gt05lte10ft | xylenes, total | µg/kg | 11 | 15 | 73 | 0.19 | 73 | 9.89 | 21.83 | 0.16 | 0.43 | 28.94 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | gt05lte10ft | zinc | mg/kg | 15 | 15 | 100 | 26.3 | 52.6 | 34.14 | 6.9 | -- | -- | 37.31 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 22 | 32 | 0.0038 | 0.028 | 0.0104 | 0.00819 | 0.0054 | 0.054 | 0.00882 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 18 | 22 | 82 | 0.0064 | 0.099 | 0.0298 | 0.0232 | 0.003 | 0.006 | 0.035 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | arsenic | mg/kg | 22 | 22 | 100 | 0.948 | 4.65 | 2.781 | 1.1 | -- | -- | 3.184 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte02ft | bap teq | mg/kg | 22 | 22 | 100 | 0.0236 | 0.33 | 0.0922 | 0.0723 | -- | -- | 0.12 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | benzene | µg/kg | 9 | 22 | 41 | 0.11 | 0.48 | 0.234 | 0.111 | 0.1 | 0.14 | 0.218 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte02ft | benzo (a) anthracene | mg/kg | 22 | 22 | 100 | 0.02 | 0.39 | 0.0942 | 0.0893 | -- | -- | 0.13 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | benzo (a) pyrene | mg/kg | 22 | 22 | 100 | 0.017 | 0.25 | 0.0678 | 0.0534 | -- | -- | 0.0877 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 22 | 22 | 100 | 0.016 | 0.11 | 0.0392 | 0.0228 | -- | -- | 0.0477 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 11 | 22 | 50 | 0.012 | 0.044 | 0.025 | 0.0108 | 0.0056 | 0.056 | 0.0238 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte02ft | cadmium | mg/kg | 6 | 22 | 27 | 0.112 | 0.217 | 0.146 | 0.0386 | 0.0883 | 0.0883 | 0.14 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte02ft | chrysene | mg/kg | 22 | 22 | 100 | 0.035 | 1.1 | 0.29 | 0.276 | -- | -- | 0.411 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | cobalt | mg/kg | 22 | 22 | 100 | 4.88 | 8.19 | 6.029 | 0.729 | -- | -- | 6.297 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte02ft | copper | mg/kg | 22 | 22 | 100 | 6.85 | 31.7 | 9.803 | 5.072 | -- | -- | 11.82 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 15 | 22 | 68 | 0.0043 | 0.048 | 0.0216 | 0.0144 | 0.0034 | 0.0067 | 0.0215 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 22 | 50 | 0.012 | 0.046 | 0.0222 | 0.00924 | 0.0043 | 0.043 | 0.0204 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | lead | mg/kg | 22 | 22 | 100 | 5.25 | 133 | 18.15 | 26.44 | -- | -- | 42.72 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte02ft | naphthalene | mg/kg | 11 | 22 | 50 | 0.0049 | 0.032 | 0.0149 | 0.00991 | 0.00026 | 0.00081 | 0.0132 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte02ft | pyrene | mg/kg | 22 | 22 | 100 | 0.031 | 0.87 | 0.214 | 0.196 | -- | -- | 0.294 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | toluene | µg/kg | 8 | 22 | 36 | 0.14 | 0.7 | 0.301 | 0.177 | 0.12 | 0.52 | 0.265 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | tph as diesel | mg/kg | 21 | 22 | 95 | 57 | 550 | 212.9 | 129.2 | 4.8 | 4.8 | 253.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | tph as gasoline | mg/kg | 5 | 22 | 23 | 0.056 | 0.087 | 0.0712 | 0.0143 | 0.047 | 0.065 | 0.0684 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte02ft | tph as motor oil | mg/kg | 21 | 22 | 95 | 270 | 1600 | 685.2 | 372.4 | 7 | 7 | 793.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte02ft | vanadium | mg/kg | 22 | 22 | 100 | 15.9 | 26.1 | 20.78 | 2.967 | -- | -- | 21.87 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte02ft | zinc | mg/kg | 22 | 22 | 100 | 24 | 101 | 34.91 | 16.73 | -- | -- | 41.47 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 348 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 36 | 25 | 0.1 | 110 | 12.48 | 36.57 | 0.091 | 0.59 | 17.12 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 16 | 36 | 44 | 0.0038 | 1.3 | 0.14 | 0.322 | 0.0011 | 0.054 | 0.229 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 32 | 36 | 89 | 0.0006 | 1.5 | 0.0905 | 0.263 | 0.003 | 0.006 | 0.262 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | lte05ft | arsenic | mg/kg | 35 | 36 | 97 | 0.948 | 6.21 | 2.879 | 1.244 | 0.398 | 0.398 | 3.182 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte05ft | bap teq | mg/kg | 36 | 36 | 100 | 0.00523 | 0.424 | 0.112 | 0.113 | -- | -- | 0.149 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte05ft | benzene | µg/kg | 14 | 36 | 39 | 0.11 | 0.48 | 0.229 | 0.108 | 0.1 | 11 | 0.184 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte05ft | benzo (a) anthracene | mg/kg | 36 | 36 | 100 | 0.002 | 0.83 | 0.126 | 0.162 | -- | -- | 0.178 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte05ft | benzo (a) pyrene | mg/kg | 36 | 36 | 100 | 0.0036 | 0.39 | 0.0836 | 0.0892 | -- | -- | 0.112 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 33 | 36 | 92 | 0.002 | 0.15 | 0.0386 | 0.0324 | 0.0018 | 0.007 | 0.0593 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 16 | 36 | 44 | 0.0014 | 0.044 | 0.0189 | 0.0132 | 0.0056 | 0.11 | 0.0147 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte05ft | cadmium | mg/kg | 9 | 36 | 25 | 0.0971 | 0.217 | 0.14 | 0.0424 | 0.0883 | 0.0883 | 0.122 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte05ft | chrysene | mg/kg | 36 | 36 | 100 | 0.0051 | 2.3 | 0.398 | 0.51 | -- | -- | 0.575 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte05ft | cobalt | mg/kg | 36 | 36 | 100 | 4.88 | 9.79 | 6.189 | 0.915 | -- | -- | 6.438 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 249th st | lte05ft | copper | mg/kg | 36 | 36 | 100 | 6.34 | 31.7 | 9.378 | 4.077 | -- | -- | 10.62 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 24 | 36 | 67 | 0.0007 | 0.071 | 0.0215 | 0.018 | 0.0007 | 0.017 | 0.0201 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 36 | 50 | 0.0012 | 0.046 | 0.018 | 0.0116 | 0.0043 | 0.087 | 0.0145 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte05ft | lead | mg/kg | 36 | 36 | 100 | 3.15 | 133 | 17.23 | 25.41 | -- | -- | 35.69 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte05ft | naphthalene | mg/kg | 20 | 36 | 56 | 0.00085 | 0.53 | 0.044 | 0.116 | 0.00026 | 0.00081 | 0.0894 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | lte05ft | pyrene | mg/kg | 36 | 36 | 100 | 0.01 | 5.2 | 0.459 | 0.957 | -- | -- | 0.988 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | lte05ft | toluene | µg/kg | 9 | 36 | 25 | 0.14 | 0.7 | 0.29 | 0.169 | 0.11 | 12 | 0.222 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte05ft | tph as diesel | mg/kg | 31 | 36 | 86 | 14 | 3800 | 441.2 | 730.4 | 4.8 | 4.8 | 886.2 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | lte05ft | tph as gasoline | mg/kg | 14 | 36 | 39 | 0.056 | 14 | 1.136 | 3.706 | 0.047 | 0.065 | 1.243 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte05ft | tph as motor oil | mg/kg | 33 | 36 | 92 | 9.9 | 7200 | 1008 | 1345 | 7 | 7 | 1883 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 348 249th st | lte05ft | vanadium | mg/kg | 36 | 36 | 100 | 15.9 | 34.8 | 21.86 | 4.593 | -- | -- | 23.15 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte05ft | xylenes, total | µg/kg | 10 | 36 | 28 | 0.16 | 72 | 7.457 | 22.68 | 0.16 | 0.56 | 11.23 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte05ft | zinc | mg/kg | 36 | 36 | 100 | 19.4 | 101 | 33.34 | 14.03 | -- | -- | 37.52 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 21 | 51 | 41 | 0.1 | 270 | 21.78 | 62.63 | 0.091 | 0.59 | 34.46 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 51 | 20 | 0.099 | 110 | 16.81 | 34.95 | 0.075 | 0.55 | 13.74 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 28 | 51 | 55 | 0.0015 | 1.3 | 0.117 | 0.262 | 0.0011 | 0.054 | 0.189 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 45 | 51 | 88 | 0.0006 | 1.5 | 0.0919 | 0.241 | 0.003 | 0.03 | 0.221 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | lte10ft | arsenic | mg/kg | 50 | 51 | 98 | 0.948 | 6.55 | 3.27 | 1.474 | 0.398 | 0.398 | 3.575 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte10ft | bap teq | mg/kg | 51 | 51 | 100 | 0.00316 | 0.424 | 0.0982 | 0.108 | -- | -- | 0.13 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte10ft | benzene | µg/kg | 24 | 51 | 47 | 0.11 | 6.2 | 0.519 | 1.22 | 0.1 | 11 | 0.566 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | benzo (a) anthracene | mg/kg | 51 | 51 | 100 | 0.002 | 0.83 | 0.103 | 0.143 | -- | -- | 0.139 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte10ft | benzo (a) pyrene | mg/kg | 50 | 51 | 98 | 0.0024 | 0.39 | 0.0766 | 0.0864 | 0.0025 | 0.0025 | 0.128 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 45 | 51 | 88 | 0.0012 | 0.15 | 0.035 | 0.0351 | 0.0018 | 0.007 | 0.0523 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 20 | 51 | 39 | 0.0014 | 0.079 | 0.0194 | 0.0193 | 0.0011 | 0.11 | 0.0134 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte10ft | cadmium | mg/kg | 13 | 51 | 25 | 0.0928 | 0.217 | 0.134 | 0.0378 | 0.0883 | 0.0883 | 0.114 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte10ft | chromium, hexavalent | mg/kg | 8 | 51 | 16 | 0.26 | 0.72 | 0.521 | 0.177 | 0.22 | 0.22 | 0.468 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte10ft | chrysene | mg/kg | 51 | 51 | 100 | 0.0051 | 2.3 | 0.339 | 0.477 | -- | -- | 0.47 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte10ft | cobalt | mg/kg | 51 | 51 | 100 | 4.88 | 10.7 | 6.986 | 1.598 | -- | -- | 7.365 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | copper | mg/kg | 51 | 51 | 100 | 6.34 | 31.7 | 9.576 | 3.495 | -- | -- | 10.46 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 29 | 51 | 57 | 0.0007 | 0.071 | 0.0181 | 0.018 | 0.0007 | 0.034 | 0.015 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 348 249th st | lte10ft | ethylbenzene | µg/kg | 14 | 51 | 27 | 0.16 | 26 | 4.551 | 8.216 | 0.12 | 0.17 | 4.271 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 51 | 43 | 0.0012 | 0.046 | 0.0153 | 0.012 | 0.0009 | 0.087 | 0.011 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte10ft | lead | mg/kg | 51 | 51 | 100 | 3.15 | 133 | 15.28 | 21.82 | -- | -- | 28.6 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | naphthalene | mg/kg | 32 | 51 | 63 | 0.00085 | 0.53 | 0.0432 | 0.105 | 0.00026 | 0.00081 | 0.0798 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | lte10ft | pyrene | mg/kg | 51 | 51 | 100 | 0.0052 | 5.2 | 0.401 | 0.836 | -- | -- | 0.896 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | lte10ft | toluene | µg/kg | 17 | 51 | 33 | 0.14 | 1.6 | 0.411 | 0.371 | 0.11 | 43 | 0.322 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | lte10ft | tph as diesel | mg/kg | 43 | 51 | 84 | 14 | 3800 | 538.3 | 811.1 | 4.8 | 4.8 | 925.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 348 249th st | lte10ft | tph as gasoline | mg/kg | 23 | 51 | 45 | 0.053 | 14 | 0.759 | 2.891 | 0.047 | 0.065 | 0.928 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | tph as motor oil | mg/kg | 45 | 51 | 88 | 9.9 | 7200 | 1168 | 1541 | 7 | 7 | 1945 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | vanadium | mg/kg | 51 | 51 | 100 | 15.9 | 38.7 | 24.6 | 6.232 | -- | -- | 26.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 348 249th st | lte10ft | xylenes, total | µg/kg | 21 | 51 | 41 | 0.16 | 73 | 8.731 | 21.71 | 0.16 | 0.56 | 12.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 348 249th st | lte10ft | zinc | mg/kg | 51 | 51 | 100 | 19.4 | 101 | 33.58 | 12.3 | -- | -- | 36.61 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 3.03 | 8.12 | 4.75 | 1.549 | -- | -- | 5.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 5.41 | 16 | 8.207 | 3.349 | -- | -- | 10.46 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 10 | 24.7 | 15.41 | 5.802 | -- | -- | 19.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 2.84 | 7.17 | 4.794 | 1.501 | -- | -- | 5.725 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 351 244th st | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 15.9 | 42 | 29.38 | 8.592 | -- | -- | 34.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 21.9 | 49.7 | 35.24 | 9.616 | -- | -- | 41.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 14 | 43 | 0.12 | 0.54 | 0.232 | 0.157 | 0.091 | 0.12 | 0.224 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 14 | 36 | 0.0013 | 0.012 | 0.00394 | 0.00454 | 0.0011 | 0.0043 | 0.00375 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 9 | 14 | 64 | 0.0011 | 0.02 | 0.00571 | 0.00638 | 0.0006 | 0.0024 | 0.00674 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 4.14 | 8.58 | 5.561 | 1.135 | -- | -- | 6.098 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte02ft | bap teq | mg/kg | 12 | 14 | 86 | 0.000574 | 0.0582 | 0.0134 | 0.0171 | 0.00208 | 0.00208 | 0.0307 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | benzene | µg/kg | 7 | 14 | 50 | 0.22 | 2.4 | 0.579 | 0.807 | 0.11 | 0.14 | 0.697 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte02ft | benzo (a) anthracene | mg/kg | 12 | 14 | 86 | 0.0007 | 0.023 | 0.00761 | 0.00756 | 0.0026 | 0.0026 | 0.0153 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | benzo (a) pyrene | mg/kg | 9 | 14 | 64 | 0.0015 | 0.046 | 0.0139 | 0.0144 | 0.0005 | 0.002 | 0.0168 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 14 | 57 | 0.002 | 0.017 | 0.00615 | 0.00513 | 0.0004 | 0.0028 | 0.00648 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | chromium, hexavalent | mg/kg | 7 | 14 | 50 | 0.082 | 0.36 | 0.263 | 0.113 | 0.22 | 0.22 | 0.315 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte02ft | chrysene | mg/kg | 11 | 14 | 79 | 0.0014 | 0.085 | 0.0216 | 0.0248 | 0.0012 | 0.0047 | 0.0448 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 8.16 | 13.5 | 10.59 | 1.654 | -- | -- | 11.37 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte02ft | copper | mg/kg | 14 | 14 | 100 | 11.1 | 23.5 | 17.42 | 4.383 | -- | -- | 19.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 6 | 14 | 43 | 0.0015 | 0.016 | 0.00442 | 0.00572 | 0.0007 | 0.0027 | 0.0047 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 14 | 50 | 0.0019 | 0.03 | 0.00774 | 0.0102 | 0.0009 | 0.0035 | 0.00855 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | lead | mg/kg | 14 | 14 | 100 | 6 | 20.3 | 10.34 | 4.495 | -- | -- | 12.73 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte02ft | naphthalene | mg/kg | 9 | 14 | 64 | 0.0013 | 0.011 | 0.00332 | 0.00311 | 0.00025 | 0.00035 | 0.00401 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte02ft | pyrene | mg/kg | 12 | 14 | 86 | 0.0009 | 0.034 | 0.0121 | 0.0121 | 0.0033 | 0.0033 | 0.0244 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | toluene | µg/kg | 7 | 14 | 50 | 0.12 | 1.7 | 0.459 | 0.566 | 0.12 | 0.15 | 0.498 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | tph as diesel | mg/kg | 9 | 14 | 64 | 5.4 | 830 | 132.5 | 263.9 | 4.8 | 4.8 | 203.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | tph as motor oil | mg/kg | 9 | 14 | 64 | 12 | 2500 | 434.3 | 785.4 | 7 | 7 | 685.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 27.6 | 40.9 | 35 | 3.302 | -- | -- | 36.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 32.6 | 62.6 | 45.7 | 8.053 | -- | -- | 49.51 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 23 | 35 | 0.1 | 0.54 | 0.21 | 0.141 | 0.091 | 0.12 | 0.174 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte05ft | 1-methylnaphthalene | mg/kg | 8 | 23 | 35 | 0.0013 | 9.7 | 1.218 | 3.427 | 0.0011 | 0.0043 | 2.346 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 23 | 57 | 0.0009 | 14 | 1.083 | 3.881 | 0.0006 | 0.0024 | 3.313 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte05ft | arsenic | mg/kg | 23 | 23 | 100 | 4 | 8.58 | 5.496 | 0.993 | -- | -- | 5.851 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte05ft | bap teq | mg/kg | 18 | 23 | 78 | 0.000565 | 0.488 | 0.0403 | 0.114 | 0.00053 | 0.00208 | 0.124 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte05ft | benzene | µg/kg | 9 | 23 | 39 | 0.13 | 2.4 | 0.524 | 0.714 | 0.1 | 0.14 | 0.46 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte05ft | benzo (a) anthracene | mg/kg | 18 | 23 | 78 | 0.0007 | 0.62 | 0.0423 | 0.145 | 0.0007 | 0.0026 | 0.151 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte05ft | benzo (a) pyrene | mg/kg | 13 | 23 | 57 | 0.0013 | 0.32 | 0.0391 | 0.0864 | 0.0005 | 0.002 | 0.0503 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 10 | 23 | 43 | 0.0008 | 0.017 | 0.00509 | 0.00504 | 0.0004 | 0.14 | 0.00426 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte05ft | chromium, hexavalent | mg/kg | 10 | 23 | 43 | 0.082 | 0.36 | 0.227 | 0.114 | 0.22 | 0.22 | 0.195 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte05ft | chrysene | mg/kg | 15 | 23 | 65 | 0.0014 | 1.3 | 0.114 | 0.331 | 0.0012 | 0.0047 | 0.323 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte05ft | cobalt | mg/kg | 23 | 23 | 100 | 7.15 | 15.7 | 10.92 | 1.911 | -- | -- | 11.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte05ft | copper | mg/kg | 23 | 23 | 100 | 11.1 | 23.5 | 17.49 | 3.669 | -- | -- | 18.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 7 | 23 | 30 | 0.0015 | 0.016 | 0.00444 | 0.00522 | 0.0007 | 0.27 | 0.00366 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 23 | 35 | 0.0019 | 0.03 | 0.00705 | 0.00962 | 0.0009 | 0.35 | 0.00612 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte05ft | lead | mg/kg | 23 | 23 | 100 | 5.85 | 135 | 14.75 | 26.49 | -- | -- | 38.83 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte05ft | naphthalene | mg/kg | 12 | 23 | 52 | 0.0013 | 4.5 | 0.378 | 1.298 | 0.00025 | 0.00035 | 1.069 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte05ft | pyrene | mg/kg | 16 | 23 | 70 | 0.0009 | 2.9 | 0.204 | 0.721 | 0.0008 | 0.0033 | 0.696 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte05ft | toluene | µg/kg | 9 | 23 | 39 | 0.12 | 1.7 | 0.418 | 0.497 | 0.12 | 0.15 | 0.361 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte05ft | tph as diesel | mg/kg | 11 | 23 | 48 | 5.4 | 6600 | 721.1 | 1964 | 4.8 | 4.8 | 1628 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte05ft | tph as motor oil | mg/kg | 11 | 23 | 48 | 12 | 15000 | 1751 | 4450 | 7 | 7 | 3761 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte05ft | vanadium | mg/kg | 23 | 23 | 100 | 27.6 | 42.4 | 35.79 | 3.992 | -- | -- | 37.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte05ft | zinc | mg/kg | 23 | 23 | 100 | 32.6 | 62.6 | 43.42 | 7.096 | -- | -- | 45.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 32 | 28 | 0.1 | 0.54 | 0.212 | 0.132 | 0.091 | 0.12 | 0.158 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 32 | 28 | 0.0013 | 9.7 | 1.083 | 3.231 | 0.0011 | 0.0043 | 1.685 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 14 | 32 | 44 | 0.0009 | 14 | 1.006 | 3.74 | 0.0006 | 0.0024 | 2.388 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 3.03 | 8.58 | 5.286 | 1.198 | -- | -- | 5.645 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte10ft | bap teq | mg/kg | 22 | 32 | 69 | 0.000565 | 0.488 | 0.0334 | 0.103 | 0.00053 | 0.00208 | 0.0903 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte10ft | benzene | µg/kg | 10 | 32 | 31 | 0.13 | 2.4 | 0.492 | 0.681 | 0.1 | 0.14 | 0.398 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte10ft | benzo (a) anthracene | mg/kg | 22 | 32 | 69 | 0.0007 | 0.62 | 0.0349 | 0.131 | 0.0007 | 0.0026 | 0.109 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte10ft | benzo (a) pyrene | mg/kg | 17 | 32 | 53 | 0.0009 | 0.32 | 0.0303 | 0.0766 | 0.0005 | 0.002 | 0.0611 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 13 | 32 | 41 | 0.0007 | 0.017 | 0.00437 | 0.00462 | 0.0004 | 0.14 | 0.00333 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 351 244th st | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 32 | 19 | 0.0012 | 0.029 | 0.00795 | 0.0113 | 0.0011 | 0.45 | 0.00507 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte10ft | chromium, hexavalent | mg/kg | 14 | 32 | 44 | 0.082 | 0.36 | 0.23 | 0.109 | 0.038 | 0.22 | 0.185 | 95% KM (t) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 351 244th st | lte10ft | chrysene | mg/kg | 18 | 32 | 56 | 0.0013 | 1.3 | 0.0954 | 0.303 | 0.0012 | 0.0047 | 0.233 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 5.41 | 16 | 10.16 | 2.65 | -- | -- | 10.95 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 351 244th st | lte10ft | copper | mg/kg | 32 | 32 | 100 | 10 | 24.7 | 16.9 | 4.375 | -- | -- | 18.32 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 32 | 22 | 0.0015 | 0.016 | 0.00444 | 0.00522 | 0.0007 | 0.27 | 0.00304 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 32 | 31 | 0.001 | 0.03 | 0.00592 | 0.00881 | 0.0009 | 0.35 | 0.00462 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte10ft | lead | mg/kg | 32 | 32 | 100 | 2.84 | 135 | 11.95 | 22.79 | -- | -- | 29.51 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte10ft | naphthalene | mg/kg | 13 | 32 | 41 | 0.0013 | 4.5 | 0.349 | 1.247 | 0.00025 | 0.00035 | 0.77 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte10ft | pyrene | mg/kg | 20 | 32 | 63 | 0.0008 | 2.9 | 0.164 | 0.646 | 0.0008 | 0.0033 | 0.501 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte10ft | toluene | µg/kg | 11 | 32 | 34 | 0.12 | 1.7 | 0.371 | 0.457 | 0.12 | 0.15 | 0.295 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 351 244th st | lte10ft | tph as diesel | mg/kg | 11 | 32 | 34 | 5.4 | 6600 | 721.1 | 1964 | 4.8 | 4.8 | 1180 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte10ft | tph as motor oil | mg/kg | 11 | 32 | 34 | 12 | 15000 | 1751 | 4450 | 7 | 7 | 2728 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 351 244th st | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 15.9 | 42.4 | 33.98 | 6.239 | -- | -- | 35.85 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 351 244th st | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 21.9 | 62.6 | 41.12 | 8.576 | -- | -- | 43.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 9 | 67 | 0.1 | 1.3 | 0.503 | 0.459 | 0.088 | 9.7 | 0.693 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 5 | 9 | 56 | 0.0014 | 0.72 | 0.147 | 0.321 | 0.0011 | 0.021 | 0.449 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 9 | 89 | 0.0009 | 0.29 | 0.0428 | 0.1 | 0.0006 | 0.0006 | 0.177 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 1.36 | 4.3 | 3.123 | 0.834 | -- | -- | 3.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | gt05lte10ft | bap teq | mg/kg | 8 | 9 | 89 | 0.000551 | 0.405 | 0.0702 | 0.142 | 0.00053 | 0.00053 | 0.26 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | gt05lte10ft | benzene | µg/kg | 5 | 9 | 56 | 0.13 | 1 | 0.336 | 0.373 | 0.1 | 11 | 0.466 | 95% KM (t) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 9 | 78 | 0.0024 | 0.29 | 0.0643 | 0.112 | 0.0007 | 0.0007 | 0.199 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 9 | 78 | 0.0023 | 0.32 | 0.0618 | 0.118 | 0.0005 | 0.0005 | 0.205 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 7 | 9 | 78 | 0.0015 | 0.17 | 0.0333 | 0.0624 | 0.0004 | 0.0004 | 0.109 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 9 | 67 | 0.0012 | 0.097 | 0.022 | 0.0379 | 0.0011 | 0.0023 | 0.0359 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | gt05lte10ft | chromium, hexavalent | mg/kg | 5 | 9 | 56 | 0.11 | 0.48 | 0.248 | 0.141 | 0.22 | 0.22 | 0.293 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | gt05lte10ft | chrysene | mg/kg | 8 | 9 | 89 | 0.0027 | 1.7 | 0.279 | 0.596 | 0.0012 | 0.0012 | 1.076 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 5.42 | 9.7 | 7.531 | 1.626 | -- | -- | 8.539 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 6.63 | 11.3 | 8.642 | 1.722 | -- | -- | 9.709 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | gt05lte10ft | ethylbenzene | µg/kg | 5 | 9 | 56 | 0.13 | 0.35 | 0.232 | 0.105 | 0.12 | 13 | 0.264 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 2.85 | 38.9 | 8.833 | 11.41 | -- | -- | 25.42 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | gt05lte10ft | naphthalene | mg/kg | 8 | 9 | 89 | 0.00037 | 0.13 | 0.0199 | 0.0447 | 0.00025 | 0.00025 | 0.0796 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | gt05lte10ft | pyrene | mg/kg | 8 | 9 | 89 | 0.001 | 2.5 | 0.373 | 0.872 | 0.0008 | 0.0008 | 1.54 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | gt05lte10ft | toluene | µg/kg | 7 | 9 | 78 | 0.12 | 42 | 6.187 | 15.79 | 0.11 | 12 | 25.46 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | gt05lte10ft | tph as diesel | mg/kg | 7 | 9 | 78 | 10 | 5600 | 864.9 | 2090 | 4.8 | 4.8 | 3411 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | gt05lte10ft | tph as gasoline | mg/kg | 5 | 9 | 56 | 0.049 | 0.62 | 0.187 | 0.244 | 0.047 | 0.051 | 0.263 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | gt05lte10ft | tph as motor oil | mg/kg | 7 | 9 | 78 | 17 | 9500 | 1496 | 3535 | 7 | 7 | 5799 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 16.3 | 33.2 | 26.23 | 5.157 | -- | -- | 29.43 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | gt05lte10ft | xylenes, total | µg/kg | 6 | 9 | 67 | 0.19 | 1.6 | 0.708 | 0.512 | 0.16 | 17 | 0.926 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 19.6 | 51.9 | 32.47 | 10.62 | -- | -- | 39.05 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 14 | 43 | 0.2 | 0.75 | 0.498 | 0.183 | 0.089 | 11 | 0.542 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 14 | 86 | 0.01 | 0.052 | 0.0198 | 0.0115 | 0.024 | 0.048 | 0.0242 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte02ft | arsenic | mg/kg | 14 | 14 | 100 | 1.64 | 4.32 | 2.966 | 0.882 | -- | -- | 3.383 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.0241 | 0.125 | 0.067 | 0.0311 | -- | -- | 0.0817 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | benzene | µg/kg | 11 | 14 | 79 | 0.16 | 1 | 0.343 | 0.226 | 0.1 | 12 | 0.454 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.012 | 0.12 | 0.0546 | 0.0265 | -- | -- | 0.0671 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | benzo (a) pyrene | mg/kg | 14 | 14 | 100 | 0.02 | 0.098 | 0.0511 | 0.0236 | -- | -- | 0.0623 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 14 | 100 | 0.011 | 0.07 | 0.031 | 0.0161 | -- | -- | 0.0386 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 14 | 57 | 0.0076 | 0.024 | 0.0136 | 0.00531 | 0.0045 | 0.09 | 0.0163 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | cadmium | mg/kg | 5 | 14 | 36 | 0.089 | 0.47 | 0.199 | 0.157 | 0.0099 | 0.0883 | 0.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.042 | 0.35 | 0.163 | 0.0943 | -- | -- | 0.218 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 5.56 | 7.38 | 6.614 | 0.576 | -- | -- | 6.886 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | copper | mg/kg | 14 | 14 | 100 | 7.28 | 17.8 | 10.69 | 3.128 | -- | -- | 12.17 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | ethylbenzene | µg/kg | 5 | 14 | 36 | 0.19 | 0.24 | 0.21 | 0.02 | 0.12 | 14 | 0.212 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | lead | mg/kg | 14 | 14 | 100 | 8.45 | 56.9 | 20.38 | 12.37 | -- | -- | 26.74 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte02ft | naphthalene | mg/kg | 6 | 14 | 43 | 0.0075 | 0.043 | 0.0136 | 0.0144 | 0.00025 | 0.00039 | 0.0152 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.036 | 0.32 | 0.101 | 0.0724 | -- | -- | 0.136 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte02ft | toluene | µg/kg | 13 | 14 | 93 | 0.14 | 4.1 | 0.817 | 1.197 | 14 | 14 | 2.265 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | lte02ft | tph as diesel | mg/kg | 14 | 14 | 100 | 63 | 1100 | 283.1 | 274.5 | -- | -- | 425.6 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte02ft | tph as gasoline | mg/kg | 6 | 14 | 43 | 0.081 | 6.6 | 1.195 | 2.648 | 0.045 | 0.053 | 2.697 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | lte02ft | tph as motor oil | mg/kg | 14 | 14 | 100 | 230 | 2600 | 749.3 | 666.9 | -- | -- | 1105 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 352 249th st | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 16.3 | 27 | 22.31 | 3.234 | -- | -- | 23.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | xylenes, total | µg/kg | 6 | 14 | 43 | 0.32 | 0.94 | 0.698 | 0.207 | 0.15 | 19 | 0.757 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 24.8 | 85.2 | 47.89 | 20.87 | -- | -- | 59.16 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 23 | 48 | 0.2 | 1.2 | 0.534 | 0.274 | 0.089 | 11 | 0.501 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 5 | 23 | 22 | 0.0087 | 0.086 | 0.0477 | 0.0301 | 0.0011 | 0.086 | 0.0482 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 19 | 23 | 83 | 0.0011 | 0.39 | 0.0496 | 0.0878 | 0.0006 | 0.048 | 0.116 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | lte05ft | antimony | mg/kg | 6 | 23 | 26 | 0.271 | 0.474 | 0.399 | 0.0848 | 0.191 | 0.306 | 0.425 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte05ft | arsenic | mg/kg | 23 | 23 | 100 | 1.28 | 4.32 | 2.674 | 0.869 | -- | -- | 2.985 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte05ft | bap teq | mg/kg | 23 | 23 | 100 | 0.000538 | 0.899 | 0.108 | 0.184 | -- | -- | 0.176 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte05ft | benzene | µg/kg | 15 | 23 | 65 | 0.11 | 1 | 0.327 | 0.238 | 0.1 | 12 | 0.343 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte05ft | benzo (a) anthracene | mg/kg | 21 | 23 | 91 | 0.003 | 1.8 | 0.161 | 0.386 | 0.0007 | 0.0026 | 0.485 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | lte05ft | benzo (a) pyrene | mg/kg | 22 | 23 | 96 | 0.0025 | 0.59 | 0.0811 | 0.122 | 0.0005 | 0.0005 | 0.187 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 22 | 23 | 96 | 0.0028 | 0.3 | 0.0445 | 0.0616 | 0.0004 | 0.0004 | 0.098 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 13 | 23 | 57 | 0.0014 | 0.15 | 0.025 | 0.0386 | 0.0011 | 0.09 | 0.0322 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte05ft | cadmium | mg/kg | 5 | 23 | 22 | 0.089 | 0.47 | 0.199 | 0.157 | 0.0099 | 0.0883 | 0.19 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte05ft | chrysene | mg/kg | 23 | 23 | 100 | 0.0014 | 4.2 | 0.38 | 0.865 | -- | -- | 1.166 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | lte05ft | cobalt | mg/kg | 23 | 23 | 100 | 5.09 | 7.38 | 6.394 | 0.696 | -- | -- | 6.643 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte05ft | copper | mg/kg | 23 | 23 | 100 | 6.05 | 17.8 | 9.346 | 2.982 | -- | -- | 10.45 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 23 | 22 | 0.0048 | 0.098 | 0.036 | 0.0372 | 0.0007 | 0.054 | 0.0374 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte05ft | ethylbenzene | µg/kg | 10 | 23 | 43 | 0.13 | 0.56 | 0.243 | 0.123 | 0.12 | 14 | 0.219 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 23 | 39 | 0.0022 | 0.087 | 0.0229 | 0.0258 | 0.0009 | 0.069 | 0.0192 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte05ft | lead | mg/kg | 23 | 23 | 100 | 3.74 | 56.9 | 15 | 11.99 | -- | -- | 19.77 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte05ft | naphthalene | mg/kg | 12 | 23 | 52 | 0.0027 | 0.078 | 0.0218 | 0.0241 | 0.00025 | 0.00039 | 0.0309 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | lte05ft | pyrene | mg/kg | 23 | 23 | 100 | 0.0029 | 2.6 | 0.266 | 0.563 | -- | -- | 0.778 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | lte05ft | toluene | µg/kg | 20 | 23 | 87 | 0.12 | 6.6 | 1.07 | 1.733 | 0.12 | 14 | 2.541 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | lte05ft | tph as diesel | mg/kg | 21 | 23 | 91 | 63 | 1100 | 314.4 | 270 | 4.8 | 4.8 | 536.2 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte05ft | tph as gasoline | mg/kg | 11 | 23 | 48 | 0.08 | 6.6 | 0.727 | 1.951 | 0.045 | 0.054 | 0.951 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | lte05ft | tph as motor oil | mg/kg | 21 | 23 | 91 | 140 | 2600 | 777.1 | 651.1 | 7 | 7 | 1311 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte05ft | vanadium | mg/kg | 23 | 23 | 100 | 15.7 | 27 | 21.44 | 3.276 | -- | -- | 22.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte05ft | xylenes, total | µg/kg | 12 | 23 | 52 | 0.26 | 1.7 | 0.705 | 0.376 | 0.15 | 19 | 0.635 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte05ft | zinc | mg/kg | 23 | 23 | 100 | 20.2 | 85.2 | 40.09 | 19.38 | -- | -- | 47.3 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 32 | 53 | 0.1 | 1.3 | 0.523 | 0.336 | 0.088 | 11 | 0.46 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 10 | 32 | 31 | 0.0014 | 0.72 | 0.0972 | 0.221 | 0.0011 | 0.086 | 0.0719 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 27 | 32 | 84 | 0.0009 | 0.39 | 0.0476 | 0.0898 | 0.0006 | 0.048 | 0.106 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte10ft | antimony | mg/kg | 9 | 32 | 28 | 0.271 | 1.08 | 0.512 | 0.248 | 0.191 | 0.306 | 0.391 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 1.28 | 4.32 | 2.8 | 0.87 | -- | -- | 3.061 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte10ft | bap teq | mg/kg | 31 | 32 | 97 | 0.000538 | 0.899 | 0.0984 | 0.172 | 0.00053 | 0.00053 | 0.227 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | benzene | µg/kg | 20 | 32 | 63 | 0.11 | 1 | 0.329 | 0.266 | 0.1 | 12 | 0.35 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | lte10ft | benzo (a) anthracene | mg/kg | 28 | 32 | 88 | 0.0024 | 1.8 | 0.137 | 0.339 | 0.0007 | 0.0026 | 0.367 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | lte10ft | benzo (a) pyrene | mg/kg | 29 | 32 | 91 | 0.0023 | 0.59 | 0.0765 | 0.12 | 0.0005 | 0.0005 | 0.159 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 29 | 32 | 91 | 0.0015 | 0.3 | 0.0418 | 0.0608 | 0.0004 | 0.0004 | 0.0836 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 19 | 32 | 59 | 0.0012 | 0.15 | 0.024 | 0.0374 | 0.0011 | 0.09 | 0.026 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | cadmium | mg/kg | 5 | 32 | 16 | 0.089 | 0.47 | 0.199 | 0.157 | 0.0099 | 0.0883 | 0.191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte10ft | chromium, hexavalent | mg/kg | 9 | 32 | 28 | 0.089 | 0.48 | 0.204 | 0.119 | 0.22 | 0.22 | 0.185 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | chrysene | mg/kg | 31 | 32 | 97 | 0.0014 | 4.2 | 0.354 | 0.796 | 0.0012 | 0.0012 | 0.949 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 5.09 | 9.7 | 6.714 | 1.139 | -- | -- | 7.057 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | copper | mg/kg | 32 | 32 | 100 | 6.05 | 17.8 | 9.148 | 2.679 | -- | -- | 9.973 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 8 | 32 | 25 | 0.0011 | 0.098 | 0.0256 | 0.0322 | 0.0007 | 0.054 | 0.0138 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | ethylbenzene | µg/kg | 15 | 32 | 47 | 0.13 | 0.56 | 0.239 | 0.114 | 0.12 | 14 | 0.215 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 32 | 38 | 0.0016 | 0.087 | 0.0194 | 0.0235 | 0.0009 | 0.069 | 0.0148 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | lead | mg/kg | 32 | 32 | 100 | 2.85 | 56.9 | 13.26 | 11.98 | -- | -- | 17.03 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 352 249th st | lte10ft | naphthalene | mg/kg | 20 | 32 | 63 | 0.00037 | 0.13 | 0.021 | 0.0328 | 0.00025 | 0.00039 | 0.0347 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | lte10ft | pyrene | mg/kg | 31 | 32 | 97 | 0.001 | 2.6 | 0.293 | 0.642 | 0.0008 | 0.0008 | 0.773 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | lte10ft | toluene | µg/kg | 27 | 32 | 84 | 0.12 | 42 | 2.396 | 8.06 | 0.11 | 14 | 7.832 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | lte10ft | tph as diesel | mg/kg | 28 | 32 | 88 | 10 | 5600 | 452 | 1041 | 4.8 | 4.8 | 1156 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 352 249th st | lte10ft | tph as gasoline | mg/kg | 16 | 32 | 50 | 0.049 | 6.6 | 0.559 | 1.619 | 0.045 | 0.054 | 0.73 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 352 249th st | lte10ft | tph as motor oil | mg/kg | 28 | 32 | 88 | 17 | 9500 | 956.9 | 1787 | 7 | 7 | 2150 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 352 249th st | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 15.7 | 33.2 | 22.79 | 4.389 | -- | -- | 24.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 352 249th st | lte10ft | xylenes, total | µg/kg | 18 | 32 | 56 | 0.19 | 1.7 | 0.706 | 0.411 | 0.15 | 19 | 0.627 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 352 249th st | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 19.6 | 85.2 | 37.95 | 17.54 | -- | -- | 43.18 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 353 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.0008 | 4.1 | 0.685 | 1.673 | 0.0006 | 0.0006 | 2.802 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 4.17 | 6.41 | 5.129 | 0.873 | -- | -- | 5.714 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00078 | 0.025 | 0.00517 | 0.00808 | -- | -- | 0.0176 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 8 | 88 | 0.0008 | 0.032 | 0.00636 | 0.0113 | 0.0007 | 0.0007 | 0.0223 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 8 | 100 | 0.0005 | 0.016 | 0.00353 | 0.00513 | -- | -- | 0.00829 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 8 | 63 | 0.0006 | 0.002 | 0.00126 | 0.00051769 | 0.0004 | 0.007 | 0.00153 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | gt05lte10ft | chrysene | mg/kg | 7 | 8 | 88 | 0.0025 | 0.12 | 0.022 | 0.0433 | 0.0012 | 0.0012 | 0.0829 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 7.28 | 9.14 | 8.113 | 0.695 | -- | -- | 8.578 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 8.38 | 11.4 | 9.678 | 0.911 | -- | -- | 10.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.45 | 5.93 | 5.014 | 0.539 | -- | -- | 5.375 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | gt05lte10ft | pyrene | mg/kg | 7 | 8 | 88 | 0.0017 | 0.24 | 0.0385 | 0.0889 | 0.0008 | 0.0008 | 0.164 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | gt05lte10ft | tph as gasoline | mg/kg | 7 | 8 | 88 | 0.066 | 940 | 134.4 | 355.2 | 0.047 | 0.047 | 635 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 26.7 | 33.6 | 30.08 | 2.635 | -- | -- | 31.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 24.5 | 32.4 | 28.43 | 2.883 | -- | -- | 30.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 16 | 38 | 0.15 | 0.46 | 0.303 | 0.129 | 0.094 | 0.14 | 0.293 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 10 | 16 | 63 | 0.0044 | 0.031 | 0.0115 | 0.00893 | 0.0006 | 0.024 | 0.0126 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 4.49 | 11.1 | 6.078 | 1.815 | -- | -- | 6.874 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 353 249th st | lte02ft | bap teq | mg/kg | 15 | 16 | 94 | 0.00286 | 0.119 | 0.025 | 0.0297 | 0.0103 | 0.0103 | 0.0556 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | benzene | µg/kg | 11 | 16 | 69 | 0.12 | 0.54 | 0.305 | 0.133 | 0.12 | 0.17 | 0.309 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte02ft | benzo (a) anthracene | mg/kg | 14 | 16 | 88 | 0.0017 | 0.097 | 0.0212 | 0.0254 | 0.013 | 0.026 | 0.0461 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | benzo (a) pyrene | mg/kg | 15 | 16 | 94 | 0.0023 | 0.092 | 0.0186 | 0.0228 | 0.0099 | 0.0099 | 0.0421 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 16 | 81 | 0.0012 | 0.043 | 0.0101 | 0.0112 | 0.007 | 0.014 | 0.0139 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 16 | 44 | 0.0024 | 0.015 | 0.00669 | 0.00575 | 0.0011 | 0.045 | 0.00713 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 353 249th st | lte02ft | chromium, hexavalent | mg/kg | 5 | 16 | 31 | 0.24 | 0.34 | 0.288 | 0.0396 | 0.22 | 0.22 | 0.299 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte02ft | chrysene | mg/kg | 15 | 16 | 94 | 0.0055 | 0.25 | 0.0548 | 0.0644 | 0.024 | 0.024 | 0.121 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.61 | 8.24 | 6.897 | 0.569 | -- | -- | 7.146 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte02ft | copper | mg/kg | 16 | 16 | 100 | 7.83 | 13.3 | 10.21 | 1.613 | -- | -- | 10.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 16 | 44 | 0.0019 | 0.02 | 0.00613 | 0.00655 | 0.0007 | 0.027 | 0.00634 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 16 | 56 | 0.002 | 0.025 | 0.00731 | 0.00731 | 0.0009 | 0.035 | 0.00837 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.76 | 24.6 | 9.849 | 4.827 | -- | -- | 12 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | naphthalene | mg/kg | 5 | 16 | 31 | 0.002 | 0.011 | 0.00568 | 0.00388 | 0.00026 | 0.0004 | 0.00528 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte02ft | pyrene | mg/kg | 15 | 16 | 94 | 0.0032 | 0.14 | 0.0297 | 0.0356 | 0.016 | 0.016 | 0.0665 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | toluene | µg/kg | 7 | 16 | 44 | 0.18 | 0.6 | 0.363 | 0.15 | 0.12 | 0.18 | 0.359 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 30 | 650 | 200.6 | 209 | -- | -- | 318.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | tph as gasoline | mg/kg | 5 | 16 | 31 | 0.054 | 0.072 | 0.0652 | 0.00753 | 0.048 | 0.064 | 0.0694 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 80 | 2100 | 634.4 | 650.5 | -- | -- | 998 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 24.6 | 32.4 | 28.62 | 2.105 | -- | -- | 29.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 27.7 | 60.9 | 37.28 | 10.01 | -- | -- | 41.82 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 24 | 46 | 0.15 | 8200 | 745.8 | 2472 | 0.094 | 0.14 | 1871 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 24 | 25 | 0.0012 | 23 | 3.837 | 9.388 | 0.0011 | 0.043 | 5.44 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 24 | 67 | 0.001 | 36 | 2.259 | 8.998 | 0.0006 | 0.024 | 8.116 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 2.18 | 11.1 | 5.087 | 2.164 | -- | -- | 5.844 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte05ft | bap teq | mg/kg | 23 | 24 | 96 | 0.000538 | 0.466 | 0.0424 | 0.098 | 0.0103 | 0.0103 | 0.126 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte05ft | benzene | µg/kg | 15 | 24 | 63 | 0.12 | 1500 | 100.4 | 387.2 | 0.11 | 0.17 | 338.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte05ft | benzo (a) anthracene | mg/kg | 20 | 24 | 83 | 0.0008 | 0.66 | 0.055 | 0.146 | 0.0007 | 0.026 | 0.167 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte05ft | benzo (a) pyrene | mg/kg | 22 | 24 | 92 | 0.0007 | 0.34 | 0.0329 | 0.0733 | 0.0005 | 0.0099 | 0.0933 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 24 | 75 | 0.0006 | 0.049 | 0.0104 | 0.014 | 0.0004 | 0.07 | 0.0204 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 8 | 24 | 33 | 0.0024 | 0.015 | 0.00621 | 0.00549 | 0.0011 | 0.23 | 0.00583 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte05ft | chromium, hexavalent | mg/kg | 5 | 24 | 21 | 0.24 | 0.34 | 0.288 | 0.0396 | 0.22 | 0.22 | 0.296 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte05ft | chrysene | mg/kg | 23 | 24 | 96 | 0.0014 | 1.4 | 0.112 | 0.292 | 0.024 | 0.024 | 0.362 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 5.06 | 8.24 | 6.514 | 0.829 | -- | -- | 6.804 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte05ft | copper | mg/kg | 24 | 24 | 100 | 6.09 | 13.3 | 9.422 | 1.877 | -- | -- | 10.08 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 8 | 24 | 33 | 0.0009 | 0.02 | 0.00548 | 0.00634 | 0.0007 | 0.13 | 0.00443 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 24 | 42 | 0.002 | 0.025 | 0.00679 | 0.00709 | 0.0009 | 0.17 | 0.00639 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte05ft | lead | mg/kg | 24 | 24 | 100 | 3.05 | 24.6 | 7.868 | 4.871 | -- | -- | 9.637 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte05ft | naphthalene | mg/kg | 9 | 24 | 38 | 0.0013 | 15 | 1.67 | 4.999 | 0.00026 | 0.0004 | 3.455 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte05ft | pyrene | mg/kg | 22 | 24 | 92 | 0.0016 | 2.4 | 0.147 | 0.509 | 0.0008 | 0.016 | 0.57 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte05ft | toluene | µg/kg | 9 | 24 | 38 | 0.13 | 0.6 | 0.314 | 0.162 | 0.12 | 13 | 0.277 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 353 249th st | lte05ft | tph as diesel | mg/kg | 21 | 24 | 88 | 14 | 11000 | 824.2 | 2419 | 4.8 | 4.8 | 2751 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte05ft | tph as gasoline | mg/kg | 11 | 24 | 46 | 0.054 | 730 | 68.8 | 219.4 | 0.048 | 0.064 | 167.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte05ft | tph as motor oil | mg/kg | 21 | 24 | 88 | 43 | 10000 | 1162 | 2241 | 7 | 7 | 2918 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 17.1 | 32.4 | 25.9 | 5.025 | -- | -- | 27.66 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte05ft | xylenes, total | µg/kg | 8 | 24 | 33 | 0.18 | 3200 | 400.3 | 1131 | 0.16 | 0.25 | 741.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 19.7 | 60.9 | 32.88 | 10.53 | -- | -- | 36.63 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 32 | 47 | 0.15 | 11000 | 1280 | 3419 | 0.09 | 0.14 | 2475 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 32 | 22 | 0.0012 | 23 | 3.66 | 8.583 | 0.0011 | 0.043 | 4.141 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 22 | 32 | 69 | 0.0008 | 36 | 1.829 | 7.682 | 0.0006 | 0.024 | 6.211 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 2.18 | 11.1 | 5.098 | 1.909 | -- | -- | 5.72 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte10ft | bap teq | mg/kg | 31 | 32 | 97 | 0.000538 | 0.466 | 0.0328 | 0.0856 | 0.0103 | 0.0103 | 0.0969 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte10ft | benzene | µg/kg | 19 | 32 | 59 | 0.11 | 1500 | 142.5 | 428.5 | 0.1 | 0.17 | 345 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | benzo (a) anthracene | mg/kg | 27 | 32 | 84 | 0.0008 | 0.66 | 0.0424 | 0.127 | 0.0007 | 0.026 | 0.127 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte10ft | benzo (a) pyrene | mg/kg | 30 | 32 | 94 | 0.0005 | 0.34 | 0.0251 | 0.0638 | 0.0005 | 0.0099 | 0.0715 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 23 | 32 | 72 | 0.0006 | 0.049 | 0.00844 | 0.0129 | 0.0004 | 0.07 | 0.0157 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 353 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 8 | 32 | 25 | 0.0024 | 0.015 | 0.00621 | 0.00549 | 0.0011 | 0.23 | 0.00495 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | chromium, hexavalent | mg/kg | 6 | 32 | 19 | 0.22 | 0.34 | 0.277 | 0.045 | 0.22 | 0.22 | 0.268 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte10ft | chrysene | mg/kg | 30 | 32 | 94 | 0.0014 | 1.4 | 0.091 | 0.258 | 0.0012 | 0.024 | 0.279 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 5.06 | 9.14 | 6.913 | 1.055 | -- | -- | 7.23 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte10ft | copper | mg/kg | 32 | 32 | 100 | 6.09 | 13.3 | 9.486 | 1.677 | -- | -- | 9.989 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 353 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 32 | 28 | 0.0009 | 0.02 | 0.00497 | 0.00612 | 0.0007 | 0.13 | 0.00348 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 32 | 38 | 0.001 | 0.025 | 0.00585 | 0.00677 | 0.0009 | 0.17 | 0.00471 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 353 249th st | lte10ft | lead | mg/kg | 32 | 32 | 100 | 3.05 | 24.6 | 7.154 | 4.387 | -- | -- | 8.523 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte10ft | naphthalene | mg/kg | 13 | 32 | 41 | 0.00048 | 15 | 1.641 | 4.375 | 0.00025 | 0.0004 | 2.911 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | pyrene | mg/kg | 29 | 32 | 91 | 0.0016 | 2.4 | 0.121 | 0.445 | 0.0008 | 0.016 | 0.437 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | toluene | µg/kg | 12 | 32 | 38 | 0.13 | 25 | 2.342 | 7.137 | 0.12 | 13 | 2.525 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | tph as diesel | mg/kg | 25 | 32 | 78 | 7.5 | 11000 | 793.9 | 2253 | 4.8 | 4.8 | 2177 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 353 249th st | lte10ft | tph as gasoline | mg/kg | 18 | 32 | 56 | 0.054 | 940 | 94.32 | 271.9 | 0.047 | 0.064 | 214.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | tph as motor oil | mg/kg | 25 | 32 | 78 | 14 | 10000 | 1071 | 2096 | 7 | 7 | 2308 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 353 249th st | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 17.1 | 33.6 | 26.95 | 4.865 | -- | -- | 28.41 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | xylenes, total | µg/kg | 12 | 32 | 38 | 0.18 | 8400 | 967.1 | 2515 | 0.15 | 0.25 | 1608 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 353 249th st | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 19.7 | 60.9 | 31.76 | 9.381 | -- | -- | 34.51 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 354 248th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 11 | 100 | 100 | 5300 | 1221 | 1517 | -- | -- | 2346 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 10 | 11 | 91 | 33 | 520 | 122 | 144.2 | 9.4 | 9.4 | 298 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 354 248th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 11 | 100 | 1.7 | 40 | 15.19 | 10.69 | -- | -- | 21.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 11 | 100 | 1.4 | 64 | 20.07 | 16.63 | -- | -- | 33.64 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | gt05lte10ft | arsenic | mg/kg | 11 | 11 | 100 | 1.95 | 4.13 | 2.603 | 0.597 | -- | -- | 2.94 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | gt05lte10ft | bap teq | mg/kg | 11 | 11 | 100 | 0.128 | 1.271 | 0.522 | 0.39 | -- | -- | 0.735 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | benzene | µg/kg | 10 | 11 | 91 | 120 | 890 | 432 | 284.8 | 11 | 11 | 560.7 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 11 | 11 | 100 | 0.27 | 1.5 | 0.765 | 0.358 | -- | -- | 0.961 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 11 | 55 | 0.22 | 1 | 0.61 | 0.274 | 0.099 | 0.2 | 0.707 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | chrysene | mg/kg | 11 | 11 | 100 | 0.55 | 2.8 | 1.586 | 0.649 | -- | -- | 1.941 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | cobalt | mg/kg | 11 | 11 | 100 | 6.8 | 7.96 | 7.258 | 0.372 | -- | -- | 7.462 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | copper | mg/kg | 11 | 11 | 100 | 7.49 | 12.4 | 8.631 | 1.432 | -- | -- | 9.462 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | gt05lte10ft | ethylbenzene | µg/kg | 11 | 11 | 100 | 72 | 2400 | 892.9 | 701.5 | -- | -- | 1276 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | lead | mg/kg | 11 | 11 | 100 | 2.5 | 38.5 | 8.205 | 11.19 | -- | -- | 22.91 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | gt05lte10ft | naphthalene | mg/kg | 11 | 11 | 100 | 3.8 | 24 | 8.155 | 5.668 | -- | -- | 11.37 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | gt05lte10ft | pyrene | mg/kg | 11 | 11 | 100 | 0.89 | 6.3 | 3.445 | 1.867 | -- | -- | 4.465 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | toluene | µg/kg | 7 | 11 | 64 | 18 | 50 | 28.86 | 10.29 | 12 | 58 | 31.78 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | tph as diesel | mg/kg | 11 | 11 | 100 | 2000 | 20000 | 10427 | 5189 | -- | -- | 13263 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | tph as gasoline | mg/kg | 11 | 11 | 100 | 3.6 | 830 | 390 | 241.3 | -- | -- | 521.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | tph as motor oil | mg/kg | 11 | 11 | 100 | 2500 | 19000 | 11718 | 5039 | -- | -- | 14472 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | vanadium | mg/kg | 11 | 11 | 100 | 25 | 31.3 | 27.28 | 1.792 | -- | -- | 28.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | gt05lte10ft | xylenes, total | µg/kg | 11 | 11 | 100 | 140 | 2800 | 675.5 | 753 | -- | -- | 1170 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | gt05lte10ft | zinc | mg/kg | 11 | 11 | 100 | 25.9 | 67.7 | 32.92 | 14.14 | -- | -- | 41.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 17 | 35 | 0.12 | 590 | 112.6 | 235 | 0.098 | 0.12 | 104 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte02ft | 1-methylnaphthalene | mg/kg | 5 | 17 | 29 | 0.0075 | 10 | 3.223 | 4.332 | 0.0054 | 0.021 | 3.118 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 17 | 88 | 0.0042 | 11 | 1.152 | 3.032 | 0.012 | 0.012 | 4.055 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte02ft | arsenic | mg/kg | 17 | 17 | 100 | 1.98 | 6.21 | 4.07 | 1.296 | -- | -- | 4.619 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 354 248th st | lte02ft | bap teq | mg/kg | 17 | 17 | 100 | 0.00343 | 0.532 | 0.104 | 0.137 | -- | -- | 0.182 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte02ft | benzene | µg/kg | 10 | 17 | 59 | 0.14 | 0.42 | 0.252 | 0.0878 | 0.11 | 13 | 0.268 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte02ft | benzo (a) anthracene | mg/kg | 15 | 17 | 88 | 0.0057 | 0.52 | 0.114 | 0.168 | 0.013 | 0.013 | 0.273 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte02ft | benzo (a) pyrene | mg/kg | 14 | 17 | 82 | 0.0063 | 0.42 | 0.096 | 0.112 | 0.0025 | 0.0099 | 0.194 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 17 | 71 | 0.0036 | 0.14 | 0.0375 | 0.0371 | 0.007 | 0.07 | 0.0659 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte02ft | cadmium | mg/kg | 9 | 17 | 53 | 0.0901 | 0.789 | 0.281 | 0.229 | 0.0883 | 0.0883 | 0.274 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte02ft | chrysene | mg/kg | 17 | 17 | 100 | 0.018 | 1.4 | 0.264 | 0.379 | -- | -- | 0.467 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte02ft | cobalt | mg/kg | 17 | 17 | 100 | 5.85 | 7.7 | 6.71 | 0.461 | -- | -- | 6.905 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte02ft | copper | mg/kg | 17 | 17 | 100 | 7.75 | 27.4 | 11.88 | 4.925 | -- | -- | 13.91 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 354 248th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 10 | 17 | 59 | 0.0035 | 0.045 | 0.0226 | 0.0136 | 0.0043 | 0.17 | 0.0239 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte02ft | lead | mg/kg | 17 | 17 | 100 | 1.8 | 47.2 | 13.6 | 12.11 | -- | -- | 19.94 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte02ft | naphthalene | mg/kg | 12 | 17 | 71 | 0.00046 | 3.1 | 0.419 | 0.96 | 0.00027 | 0.00029 | 1.174 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte02ft | pyrene | mg/kg | 17 | 17 | 100 | 0.0086 | 2.8 | 0.383 | 0.785 | -- | -- | 1.214 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 354 248th st | lte02ft | toluene | µg/kg | 12 | 17 | 71 | 0.16 | 0.34 | 0.231 | 0.0626 | 0.13 | 14 | 0.25 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte02ft | tph as diesel | mg/kg | 16 | 17 | 94 | 14 | 7600 | 1356 | 2515 | 4.8 | 4.8 | 3880 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 354 248th st | lte02ft | tph as gasoline | mg/kg | 11 | 17 | 65 | 0.052 | 2.7 | 0.456 | 0.856 | 0.049 | 0.058 | 1.073 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte02ft | tph as motor oil | mg/kg | 17 | 17 | 100 | 19 | 9300 | 1777 | 2891 | -- | -- | 3958 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte02ft | vanadium | mg/kg | 17 | 17 | 100 | 18.9 | 34.1 | 25.93 | 3.335 | -- | -- | 27.34 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte02ft | zinc | mg/kg | 17 | 17 | 100 | 28 | 114 | 48.13 | 24.08 | -- | -- | 58.36 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 354 248th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 28 | 43 | 0.12 | 590 | 86.62 | 166.6 | 0.093 | 9.4 | 75.15 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 28 | 29 | 0.18 | 590 | 86.49 | 203.7 | 0.079 | 8 | 120.9 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 354 248th st | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 28 | 54 | 0.0075 | 45 | 7.364 | 14.73 | 0.0054 | 0.021 | 7.586 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte05ft | 2-methylnaphthalene | mg/kg | 26 | 28 | 93 | 0.0042 | 61 | 5.649 | 16.19 | 0.012 | 0.012 | 18.15 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte05ft | arsenic | mg/kg | 28 | 28 | 100 | 1.72 | 6.21 | 3.47 | 1.34 | -- | -- | 3.939 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte05ft | bap teq | mg/kg | 28 | 28 | 100 | 0.00343 | 1.261 | 0.151 | 0.249 | -- | -- | 0.23 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte05ft | benzene | µg/kg | 15 | 28 | 54 | 0.12 | 16 | 1.298 | 4.068 | 0.11 | 13 | 3.274 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte05ft | benzo (a) anthracene | mg/kg | 26 | 28 | 93 | 0.0057 | 1.7 | 0.221 | 0.382 | 0.013 | 0.013 | 0.513 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 354 248th st | lte05ft | benzo (a) pyrene | mg/kg | 22 | 28 | 79 | 0.0063 | 0.87 | 0.128 | 0.19 | 0.0025 | 0.2 | 0.248 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 354 248th st | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 28 | 61 | 0.0036 | 0.14 | 0.0428 | 0.0356 | 0.0018 | 0.28 | 0.0421 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte05ft | cadmium | mg/kg | 9 | 28 | 32 | 0.0901 | 0.789 | 0.281 | 0.229 | 0.0883 | 0.0883 | 0.203 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte05ft | chrysene | mg/kg | 28 | 28 | 100 | 0.018 | 3.6 | 0.501 | 0.822 | -- | -- | 0.78 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 354 248th st | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 5.85 | 7.86 | 6.774 | 0.454 | -- | -- | 6.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte05ft | copper | mg/kg | 28 | 28 | 100 | 7.53 | 27.4 | 10.46 | 4.211 | -- | -- | 11.88 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 28 | 21 | 0.0042 | 0.044 | 0.0204 | 0.014 | 0.0027 | 0.54 | 0.0191 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte05ft | ethylbenzene | µg/kg | 5 | 28 | 18 | 12 | 190 | 80.2 | 83.43 | 0.12 | 15 | 55.71 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 28 | 43 | 0.0035 | 0.063 | 0.0253 | 0.0173 | 0.0043 | 0.69 | 0.024 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte05ft | lead | mg/kg | 28 | 28 | 100 | 1.6 | 47.2 | 9.871 | 10.53 | -- | -- | 14.27 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 354 248th st | lte05ft | naphthalene | mg/kg | 22 | 28 | 79 | 0.00031 | 24 | 2.141 | 5.631 | 0.00027 | 0.0003 | 5.86 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 354 248th st | lte05ft | pyrene | mg/kg | 28 | 28 | 100 | 0.0086 | 8 | 0.871 | 1.811 | -- | -- | 1.612 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 354 248th st | lte05ft | toluene | µg/kg | 13 | 28 | 46 | 0.16 | 0.34 | 0.239 | 0.0671 | 0.12 | 15 | 0.237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte05ft | tph as diesel | mg/kg | 27 | 28 | 96 | 14 | 12000 | 1852 | 2889 | 4.8 | 4.8 | 4141 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte05ft | tph as gasoline | mg/kg | 21 | 28 | 75 | 0.052 | 210 | 11.45 | 45.54 | 0.048 | 0.058 | 41.35 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte05ft | tph as motor oil | mg/kg | 28 | 28 | 100 | 19 | 12000 | 2182 | 3050 | -- | -- | 3461 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 18.9 | 34.1 | 25.45 | 2.83 | -- | -- | 26.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 23.4 | 114 | 40.04 | 21.22 | -- | -- | 47.17 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 23 | 39 | 59 | 0.12 | 5300 | 629.1 | 1181 | 0.093 | 9.4 | 679.3 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 18 | 39 | 46 | 0.18 | 590 | 106.2 | 168.6 | 0.079 | 9.4 | 83.36 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | 1-methylnaphthalene | mg/kg | 26 | 39 | 67 | 0.0075 | 45 | 10.68 | 13.52 | 0.0054 | 0.021 | 10.59 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | 2-methylnaphthalene | mg/kg | 37 | 39 | 95 | 0.0042 | 64 | 9.937 | 17.42 | 0.012 | 0.012 | 21.37 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte10ft | arsenic | mg/kg | 39 | 39 | 100 | 1.72 | 6.21 | 3.225 | 1.235 | -- | -- | 3.564 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte10ft | bap teq | mg/kg | 39 | 39 | 100 | 0.00343 | 1.271 | 0.256 | 0.335 | -- | -- | 0.363 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | benzene | µg/kg | 25 | 39 | 64 | 0.12 | 890 | 173.6 | 277.1 | 0.11 | 13 | 277.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte10ft | benzo (a) anthracene | mg/kg | 37 | 39 | 95 | 0.0057 | 1.7 | 0.383 | 0.448 | 0.013 | 0.013 | 0.674 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | benzo (a) pyrene | mg/kg | 28 | 39 | 72 | 0.0063 | 1 | 0.231 | 0.287 | 0.0025 | 0.2 | 0.356 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 354 248th st | lte10ft | benzo (b) fluoranthene | mg/kg | 19 | 39 | 49 | 0.0036 | 0.22 | 0.0556 | 0.0543 | 0.0018 | 0.28 | 0.0493 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | cadmium | mg/kg | 9 | 39 | 23 | 0.0901 | 0.789 | 0.281 | 0.229 | 0.0883 | 0.0883 | 0.172 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | chrysene | mg/kg | 39 | 39 | 100 | 0.018 | 3.6 | 0.807 | 0.914 | -- | -- | 1.144 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | cobalt | mg/kg | 39 | 39 | 100 | 5.85 | 7.96 | 6.91 | 0.481 | -- | -- | 7.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte10ft | copper | mg/kg | 39 | 39 | 100 | 7.49 | 27.4 | 9.941 | 3.719 | -- | -- | 11 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 354 248th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 39 | 15 | 0.0042 | 0.044 | 0.0204 | 0.014 | 0.0027 | 0.54 | 0.0186 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte10ft | ethylbenzene | µg/kg | 16 | 39 | 41 | 12 | 2400 | 638.9 | 693.8 | 0.12 | 15 | 416.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 39 | 31 | 0.0035 | 0.063 | 0.0253 | 0.0173 | 0.0043 | 0.69 | 0.0236 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte10ft | lead | mg/kg | 39 | 39 | 100 | 1.6 | 47.2 | 9.401 | 10.6 | -- | -- | 16.8 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte10ft | naphthalene | mg/kg | 33 | 39 | 85 | 0.00031 | 24 | 4.145 | 6.256 | 0.00027 | 0.0003 | 7.662 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 354 248th st | lte10ft | pyrene | mg/kg | 39 | 39 | 100 | 0.0086 | 8 | 1.597 | 2.15 | -- | -- | 2.545 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | toluene | µg/kg | 20 | 39 | 51 | 0.16 | 50 | 10.26 | 15.15 | 0.12 | 58 | 14.07 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte10ft | tph as diesel | mg/kg | 38 | 39 | 97 | 14 | 20000 | 4334 | 5355 | 4.8 | 4.8 | 7944 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | tph as gasoline | mg/kg | 32 | 39 | 82 | 0.052 | 830 | 141.6 | 231.3 | 0.048 | 0.058 | 267.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 354 248th st | lte10ft | tph as motor oil | mg/kg | 39 | 39 | 100 | 19 | 19000 | 4872 | 5674 | -- | -- | 7229 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | vanadium | mg/kg | 39 | 39 | 100 | 18.9 | 34.1 | 25.96 | 2.69 | -- | -- | 26.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 354 248th st | lte10ft | xylenes, total | µg/kg | 15 | 39 | 38 | 0.18 | 2800 | 510.5 | 697.3 | 0.16 | 19 | 332.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 354 248th st | lte10ft | zinc | mg/kg | 39 | 39 | 100 | 23.4 | 114 | 38.03 | 19.57 | -- | -- | 43.52 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 244th st | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 3.86 | 7.84 | 5.508 | 1.244 | -- | -- | 6.229 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.16 | 15.9 | 7.823 | 3.184 | -- | -- | 9.746 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 9.3 | 20.7 | 13.12 | 4.072 | -- | -- | 15.69 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.05 | 8.55 | 4.541 | 1.646 | -- | -- | 5.555 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 18.3 | 44.2 | 28.38 | 8.827 | -- | -- | 33.5 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 22.9 | 47 | 32.06 | 7.881 | -- | -- | 36.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 20 | 55 | 0.0009 | 0.024 | 0.00498 | 0.00681 | 0.0006 | 0.0006 | 0.00591 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte02ft | antimony | mg/kg | 7 | 20 | 35 | 0.347 | 1.02 | 0.601 | 0.279 | 0.306 | 0.306 | 0.557 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 4.7 | 9.56 | 6.777 | 1.462 | -- | -- | 7.342 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte02ft | bap teq | mg/kg | 15 | 20 | 75 | 0.00078 | 0.0643 | 0.0109 | 0.0161 | 0.00053 | 0.00053 | 0.0227 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte02ft | benzo (a) anthracene | mg/kg | 13 | 20 | 65 | 0.0007 | 0.056 | 0.00991 | 0.015 | 0.0007 | 0.0007 | 0.0127 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte02ft | benzo (a) pyrene | mg/kg | 15 | 20 | 75 | 0.0005 | 0.046 | 0.00783 | 0.0116 | 0.0005 | 0.0005 | 0.0163 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 20 | 70 | 0.0006 | 0.027 | 0.00555 | 0.00694 | 0.0004 | 0.0004 | 0.00682 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 20 | 30 | 0.0016 | 0.012 | 0.00417 | 0.00399 | 0.0011 | 0.0045 | 0.00336 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte02ft | chrysene | mg/kg | 12 | 20 | 60 | 0.0023 | 0.15 | 0.0264 | 0.0413 | 0.0012 | 0.0012 | 0.0331 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 7.57 | 24.1 | 11.38 | 3.391 | -- | -- | 12.77 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 244th st | lte02ft | copper | mg/kg | 20 | 20 | 100 | 10.2 | 37.2 | 18.7 | 5.821 | -- | -- | 21.26 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 357 244th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 20 | 50 | 0.0008 | 0.016 | 0.00359 | 0.00458 | 0.0007 | 0.0027 | 0.00371 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 357 244th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 20 | 55 | 0.0018 | 0.019 | 0.00531 | 0.00498 | 0.0009 | 0.0009 | 0.00532 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte02ft | lead | mg/kg | 20 | 20 | 100 | 5.62 | 15.9 | 9.572 | 2.991 | -- | -- | 10.73 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte02ft | naphthalene | mg/kg | 8 | 20 | 40 | 0.001 | 0.015 | 0.00371 | 0.00475 | 0.00025 | 0.00033 | 0.00337 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte02ft | pyrene | mg/kg | 17 | 20 | 85 | 0.0009 | 0.066 | 0.0101 | 0.0158 | 0.0008 | 0.0008 | 0.0233 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte02ft | tph as diesel | mg/kg | 7 | 20 | 35 | 9.7 | 160 | 61.96 | 61.82 | 4.8 | 4.8 | 45.55 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte02ft | tph as gasoline | mg/kg | 7 | 20 | 35 | 0.052 | 0.18 | 0.0969 | 0.0419 | 0.046 | 0.055 | 0.0931 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte02ft | tph as motor oil | mg/kg | 7 | 20 | 35 | 39 | 720 | 233.7 | 256 | 7 | 7 | 177.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 26.8 | 43.8 | 34.39 | 4.751 | -- | -- | 36.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 29.5 | 66.6 | 45.73 | 10.09 | -- | -- | 49.63 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 13 | 30 | 43 | 0.0006 | 0.024 | 0.00435 | 0.00641 | 0.0006 | 0.0006 | 0.00366 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte05ft | antimony | mg/kg | 11 | 30 | 37 | 0.347 | 1.02 | 0.588 | 0.244 | 0.306 | 0.306 | 0.509 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte05ft | arsenic | mg/kg | 30 | 30 | 100 | 4.56 | 9.56 | 6.551 | 1.337 | -- | -- | 6.966 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte05ft | bap teq | mg/kg | 17 | 30 | 57 | 0.00059 | 0.0643 | 0.00978 | 0.0154 | 0.00053 | 0.00053 | 0.0104 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte05ft | benzo (a) anthracene | mg/kg | 14 | 30 | 47 | 0.0007 | 0.056 | 0.00936 | 0.0146 | 0.0007 | 0.0007 | 0.00813 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte05ft | benzo (a) pyrene | mg/kg | 16 | 30 | 53 | 0.0005 | 0.046 | 0.00741 | 0.0113 | 0.0005 | 0.0005 | 0.00744 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 16 | 30 | 53 | 0.0006 | 0.027 | 0.00494 | 0.00667 | 0.0004 | 0.0004 | 0.00476 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 30 | 20 | 0.0016 | 0.012 | 0.00417 | 0.00399 | 0.0011 | 0.0045 | 0.00277 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte05ft | chrysene | mg/kg | 13 | 30 | 43 | 0.0023 | 0.15 | 0.0246 | 0.0401 | 0.0012 | 0.0012 | 0.0209 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 7.57 | 24.1 | 11.52 | 2.893 | -- | -- | 12.36 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte05ft | copper | mg/kg | 30 | 30 | 100 | 10.2 | 37.2 | 17.89 | 4.997 | -- | -- | 19.43 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 30 | 33 | 0.0008 | 0.016 | 0.00359 | 0.00458 | 0.0007 | 0.0027 | 0.00274 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 357 244th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 30 | 37 | 0.0018 | 0.019 | 0.00531 | 0.00498 | 0.0009 | 0.0009 | 0.00417 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte05ft | lead | mg/kg | 30 | 30 | 100 | 5.47 | 15.9 | 8.805 | 2.711 | -- | -- | 9.667 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 244th st | lte05ft | naphthalene | mg/kg | 8 | 30 | 27 | 0.001 | 0.015 | 0.00371 | 0.00475 | 0.00025 | 0.00033 | 0.00258 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte05ft | pyrene | mg/kg | 20 | 30 | 67 | 0.0009 | 0.066 | 0.00891 | 0.0148 | 0.0008 | 0.0008 | 0.0164 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 244th st | lte05ft | tph as diesel | mg/kg | 7 | 30 | 23 | 9.7 | 160 | 61.96 | 61.82 | 4.8 | 4.8 | 33.75 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte05ft | tph as gasoline | mg/kg | 8 | 30 | 27 | 0.052 | 0.18 | 0.0916 | 0.0416 | 0.046 | 0.056 | 0.0829 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte05ft | tph as motor oil | mg/kg | 7 | 30 | 23 | 39 | 720 | 233.7 | 256 | 7 | 7 | 131.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 357 244th st | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 23.7 | 43.8 | 34.83 | 5.583 | -- | -- | 36.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 28.4 | 66.6 | 42.65 | 9.573 | -- | -- | 45.62 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 14 | 40 | 35 | 0.0006 | 0.024 | 0.00408 | 0.00624 | 0.0006 | 0.0006 | 0.0029 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte10ft | antimony | mg/kg | 14 | 40 | 35 | 0.338 | 1.24 | 0.633 | 0.291 | 0.306 | 0.306 | 0.511 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte10ft | arsenic | mg/kg | 40 | 40 | 100 | 3.86 | 9.56 | 6.291 | 1.377 | -- | -- | 6.657 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte10ft | bap teq | mg/kg | 19 | 40 | 48 | 0.00059 | 0.0643 | 0.00907 | 0.0147 | 0.00053 | 0.00053 | 0.00755 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte10ft | benzo (a) anthracene | mg/kg | 15 | 40 | 38 | 0.0007 | 0.056 | 0.00905 | 0.0141 | 0.0007 | 0.0007 | 0.00729 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 357 244th st | lte10ft | benzo (a) pyrene | mg/kg | 18 | 40 | 45 | 0.0005 | 0.046 | 0.00686 | 0.0107 | 0.0005 | 0.0005 | 0.00547 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 17 | 40 | 43 | 0.0006 | 0.027 | 0.00474 | 0.00652 | 0.0004 | 0.0004 | 0.00362 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 40 | 15 | 0.0016 | 0.012 | 0.00417 | 0.00399 | 0.0011 | 0.0045 | 0.00248 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 244th st | lte10ft | chrysene | mg/kg | 14 | 40 | 35 | 0.0023 | 0.15 | 0.0236 | 0.0387 | 0.0012 | 0.0012 | 0.0191 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 357 244th st | lte10ft | cobalt | mg/kg | 40 | 40 | 100 | 5.16 | 24.1 | 10.59 | 3.345 | -- | -- | 11.51 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte10ft | copper | mg/kg | 40 | 40 | 100 | 9.3 | 37.2 | 16.69 | 5.174 | -- | -- | 18.09 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 10 | 40 | 25 | 0.0008 | 0.016 | 0.00359 | 0.00458 | 0.0007 | 0.0027 | 0.00242 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 357 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 40 | 30 | 0.0009 | 0.019 | 0.00494 | 0.00492 | 0.0009 | 0.0009 | 0.003 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte10ft | lead | mg/kg | 40 | 40 | 100 | 3.05 | 15.9 | 7.739 | 3.096 | -- | -- | 8.629 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte10ft | naphthalene | mg/kg | 9 | 40 | 23 | 0.001 | 0.015 | 0.00343 | 0.00452 | 0.00024 | 0.00033 | 0.00227 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 244th st | lte10ft | pyrene | mg/kg | 23 | 40 | 58 | 0.0009 | 0.066 | 0.00845 | 0.0139 | 0.0008 | 0.0008 | 0.013 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 244th st | lte10ft | tph as diesel | mg/kg | 8 | 40 | 20 | 5.4 | 160 | 54.89 | 60.62 | 4.8 | 4.8 | 24.46 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte10ft | tph as gasoline | mg/kg | 8 | 40 | 20 | 0.052 | 0.18 | 0.0916 | 0.0416 | 0.044 | 0.06 | 0.0812 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte10ft | tph as motor oil | mg/kg | 7 | 40 | 18 | 39 | 720 | 233.7 | 256 | 7 | 7 | 108.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 244th st | lte10ft | vanadium | mg/kg | 40 | 40 | 100 | 18.3 | 44.2 | 33.22 | 7.011 | -- | -- | 35.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 244th st | lte10ft | zinc | mg/kg | 40 | 40 | 100 | 22.9 | 66.6 | 40 | 10.2 | -- | -- | 42.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 6 | 12 | 50 | 0.0038 | 0.089 | 0.0343 | 0.0323 | 0.0024 | 0.024 | 0.0364 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 2.92 | 6.05 | 4.331 | 0.868 | -- | -- | 4.781 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.0028 | 1.449 | 0.153 | 0.41 | -- | -- | 0.668 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0021 | 0.9 | 0.103 | 0.253 | -- | -- | 0.329 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 249th st | lte02ft | benzo (a) pyrene | mg/kg | 10 | 12 | 83 | 0.0026 | 1.1 | 0.137 | 0.339 | 0.0025 | 0.0099 | 0.51 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 9 | 12 | 75 | 0.0017 | 0.57 | 0.078 | 0.185 | 0.0018 | 0.014 | 0.265 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte02ft | chrysene | mg/kg | 10 | 12 | 83 | 0.0065 | 1.2 | 0.196 | 0.362 | 0.0059 | 0.024 | 0.59 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.9 | 8.42 | 6.923 | 0.686 | -- | -- | 7.278 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | copper | mg/kg | 12 | 12 | 100 | 8.25 | 12.6 | 10.43 | 1.509 | -- | -- | 11.21 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.95 | 14.6 | 9.763 | 2.986 | -- | -- | 11.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | naphthalene | mg/kg | 6 | 12 | 50 | 0.00036 | 0.13 | 0.0255 | 0.0514 | 0.00026 | 0.00033 | 0.0331 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte02ft | pyrene | mg/kg | 9 | 12 | 75 | 0.003 | 2.2 | 0.282 | 0.72 | 0.0033 | 0.016 | 1.013 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte02ft | toluene | µg/kg | 5 | 12 | 42 | 0.12 | 0.61 | 0.278 | 0.198 | 0.12 | 0.14 | 0.292 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 20 | 720 | 282.1 | 238.8 | -- | -- | 405.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | tph as gasoline | mg/kg | 6 | 12 | 50 | 0.089 | 0.19 | 0.138 | 0.0438 | 0.048 | 0.055 | 0.143 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 63 | 2400 | 944.4 | 796.5 | -- | -- | 1357 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 22.6 | 29.5 | 25.91 | 2.287 | -- | -- | 27.09 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 23.9 | 42.6 | 32.28 | 6.544 | -- | -- | 35.68 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 18 | 33 | 0.0018 | 0.74 | 0.172 | 0.285 | 0.0011 | 0.043 | 0.136 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 11 | 18 | 61 | 0.0038 | 0.61 | 0.0966 | 0.181 | 0.0006 | 0.024 | 0.119 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte05ft | arsenic | mg/kg | 18 | 18 | 100 | 2.05 | 6.17 | 4.008 | 1.215 | -- | -- | 4.507 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte05ft | bap teq | mg/kg | 17 | 18 | 94 | 0.000565 | 1.449 | 0.115 | 0.345 | 0.00053 | 0.00053 | 0.454 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte05ft | benzene | µg/kg | 8 | 18 | 44 | 0.13 | 9.5 | 1.591 | 3.236 | 0.1 | 0.13 | 1.934 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 249th st | lte05ft | benzo (a) anthracene | mg/kg | 17 | 18 | 94 | 0.0007 | 0.9 | 0.0815 | 0.213 | 0.0007 | 0.0007 | 0.291 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 249th st | lte05ft | benzo (a) pyrene | mg/kg | 14 | 18 | 78 | 0.0026 | 1.1 | 0.104 | 0.288 | 0.0005 | 0.0099 | 0.346 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 13 | 18 | 72 | 0.0016 | 0.57 | 0.0579 | 0.154 | 0.0004 | 0.014 | 0.18 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte05ft | chrysene | mg/kg | 14 | 18 | 78 | 0.0065 | 1.2 | 0.176 | 0.305 | 0.0012 | 0.024 | 0.424 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte05ft | cobalt | mg/kg | 18 | 18 | 100 | 5.36 | 9.05 | 6.768 | 0.956 | -- | -- | 7.16 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte05ft | copper | mg/kg | 18 | 18 | 100 | 7.74 | 12.6 | 9.787 | 1.654 | -- | -- | 10.47 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 5 | 18 | 28 | 0.0007 | 0.17 | 0.0375 | 0.0742 | 0.0007 | 0.027 | 0.0292 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 18 | 39 | 0.0011 | 0.58 | 0.0972 | 0.214 | 0.0009 | 0.035 | 0.0978 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte05ft | lead | mg/kg | 18 | 18 | 100 | 4.4 | 14.6 | 8.351 | 3.239 | -- | -- | 9.679 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte05ft | naphthalene | mg/kg | 11 | 18 | 61 | 0.00036 | 0.13 | 0.0291 | 0.0485 | 0.00026 | 0.00033 | 0.037 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte05ft | pyrene | mg/kg | 13 | 18 | 72 | 0.003 | 2.2 | 0.233 | 0.595 | 0.0008 | 0.016 | 0.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte05ft | toluene | µg/kg | 8 | 18 | 44 | 0.12 | 0.61 | 0.244 | 0.161 | 0.11 | 0.14 | 0.227 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte05ft | tph as diesel | mg/kg | 16 | 18 | 89 | 20 | 720 | 287.8 | 213.2 | 4.8 | 4.8 | 347.9 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 357 249th st | lte05ft | tph as gasoline | mg/kg | 12 | 18 | 67 | 0.081 | 98 | 8.576 | 28.17 | 0.048 | 0.055 | 29.76 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 249th st | lte05ft | tph as motor oil | mg/kg | 16 | 18 | 89 | 63 | 2400 | 838.3 | 716.1 | 7 | 7 | 1035 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte05ft | vanadium | mg/kg | 18 | 18 | 100 | 17.1 | 31.6 | 24.57 | 3.923 | -- | -- | 26.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte05ft | xylenes, total | µg/kg | 5 | 18 | 28 | 0.16 | 20 | 4.26 | 8.8 | 0.16 | 0.21 | 6.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 249th st | lte05ft | zinc | mg/kg | 18 | 18 | 100 | 21 | 42.6 | 29.45 | 6.898 | -- | -- | 32.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 24 | 33 | 0.25 | 4000 | 1069 | 1623 | 0.089 | 0.12 | 734.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 24 | 21 | 0.37 | 640 | 255.7 | 275.3 | 0.076 | 0.1 | 263.8 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 9 | 24 | 38 | 0.0018 | 25 | 4.426 | 8.368 | 0.0011 | 0.043 | 3.622 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 14 | 24 | 58 | 0.0038 | 38 | 4.212 | 10.48 | 0.0006 | 0.024 | 9.831 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte10ft | arsenic | mg/kg | 24 | 24 | 100 | 2.05 | 6.17 | 4.043 | 1.141 | -- | -- | 4.442 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte10ft | bap teq | mg/kg | 23 | 24 | 96 | 0.000565 | 1.449 | 0.132 | 0.336 | 0.00053 | 0.00053 | 0.42 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte10ft | benzene | µg/kg | 13 | 24 | 54 | 0.13 | 630 | 89.27 | 190.3 | 0.1 | 0.13 | 179.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 249th st | lte10ft | benzo (a) anthracene | mg/kg | 22 | 24 | 92 | 0.0007 | 1.3 | 0.146 | 0.324 | 0.0007 | 0.0007 | 0.412 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 249th st | lte10ft | benzo (a) pyrene | mg/kg | 18 | 24 | 75 | 0.0007 | 1.1 | 0.121 | 0.283 | 0.0005 | 0.049 | 0.314 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 24 | 67 | 0.0008 | 0.57 | 0.0701 | 0.154 | 0.0004 | 0.035 | 0.163 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte10ft | chrysene | mg/kg | 19 | 24 | 79 | 0.0014 | 2.5 | 0.314 | 0.603 | 0.0012 | 0.024 | 0.74 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte10ft | cobalt | mg/kg | 24 | 24 | 100 | 5.36 | 9.05 | 7.072 | 1.046 | -- | -- | 7.438 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte10ft | copper | mg/kg | 24 | 24 | 100 | 7 | 12.6 | 9.69 | 1.578 | -- | -- | 10.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 24 | 21 | 0.0007 | 0.17 | 0.0375 | 0.0742 | 0.0007 | 0.13 | 0.022 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte10ft | ethylbenzene | µg/kg | 7 | 24 | 29 | 0.84 | 1700 | 529.8 | 705.9 | 0.12 | 0.16 | 316.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 24 | 33 | 0.001 | 0.58 | 0.0852 | 0.201 | 0.0009 | 0.17 | 0.14 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte10ft | lead | mg/kg | 24 | 24 | 100 | 4.4 | 14.6 | 7.633 | 3.069 | -- | -- | 8.726 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 249th st | lte10ft | naphthalene | mg/kg | 16 | 24 | 67 | 0.00036 | 15 | 2.158 | 4.752 | 0.00026 | 0.00033 | 5.015 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 249th st | lte10ft | pyrene | mg/kg | 18 | 24 | 75 | 0.0017 | 3.1 | 0.4 | 0.849 | 0.0008 | 0.016 | 0.973 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 357 249th st | lte10ft | toluene | µg/kg | 14 | 24 | 58 | 0.12 | 84 | 12.11 | 25.82 | 0.11 | 0.14 | 25.49 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 249th st | lte10ft | tph as diesel | mg/kg | 19 | 24 | 79 | 20 | 13000 | 1342 | 3154 | 4.8 | 4.8 | 3611 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte10ft | tph as gasoline | mg/kg | 18 | 24 | 75 | 0.081 | 690 | 109.7 | 238.7 | 0.048 | 0.055 | 271.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 357 249th st | lte10ft | tph as motor oil | mg/kg | 19 | 24 | 79 | 63 | 16000 | 2022 | 3752 | 7 | 7 | 4672 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 357 249th st | lte10ft | vanadium | mg/kg | 24 | 24 | 100 | 17.1 | 32.1 | 25.44 | 3.953 | -- | -- | 26.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 357 249th st | lte10ft | xylenes, total | µg/kg | 10 | 24 | 42 | 0.16 | 2000 | 512.8 | 831.4 | 0.16 | 0.21 | 423.4 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 357 249th st | lte10ft | zinc | mg/kg | 24 | 24 | 100 | 20.9 | 42.6 | 28.36 | 6.349 | -- | -- | 30.65 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 358 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 5 | 10 | 50 | 0.0007 | 0.15 | 0.0415 | 0.065 | 0.0006 | 0.0006 | 0.0509 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 1.45 | 4.08 | 2.888 | 0.965 | -- | -- | 3.447 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | gt05lte10ft | bap teq | mg/kg | 8 | 10 | 80 | 0.00129 | 0.00474 | 0.00255 | 0.00141 | 0.00053 | 0.00053 | 0.0031 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 10 | 80 | 0.0008 | 0.0046 | 0.00194 | 0.00133 | 0.0007 | 0.0007 | 0.00245 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 10 | 80 | 0.0009 | 0.0037 | 0.00185 | 0.00107 | 0.0005 | 0.0005 | 0.00226 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 10 | 80 | 0.0008 | 0.0026 | 0.00134 | 0.00065887 | 0.0004 | 0.0004 | 0.0016 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | gt05lte10ft | chrysene | mg/kg | 8 | 10 | 80 | 0.0015 | 0.0097 | 0.00425 | 0.00277 | 0.0012 | 0.0012 | 0.00529 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 5.81 | 9.25 | 7.706 | 1.186 | -- | -- | 8.394 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 6.13 | 10.3 | 8.443 | 1.501 | -- | -- | 9.313 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 2.49 | 18.5 | 6.028 | 4.686 | -- | -- | 8.912 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 358 249th st | gt05lte10ft | pyrene | mg/kg | 8 | 10 | 80 | 0.0013 | 0.013 | 0.00524 | 0.00445 | 0.0008 | 0.0008 | 0.00696 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | gt05lte10ft | tph as diesel | mg/kg | 6 | 10 | 60 | 5.8 | 160 | 51.95 | 62.73 | 4.8 | 4.8 | 65.1 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | gt05lte10ft | tph as motor oil | mg/kg | 8 | 10 | 80 | 7 | 250 | 72.25 | 85.1 | 7 | 7 | 171 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 17.4 | 31.7 | 25.29 | 4.858 | -- | -- | 28.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 23.4 | 31.8 | 27.58 | 2.25 | -- | -- | 28.88 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 20 | 40 | 0.0013 | 0.026 | 0.00946 | 0.00836 | 0.0011 | 0.021 | 0.00846 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 20 | 85 | 0.0007 | 0.077 | 0.016 | 0.0184 | 0.0006 | 0.012 | 0.0313 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | arsenic | mg/kg | 19 | 20 | 95 | 0.639 | 3.78 | 2.148 | 1.025 | 0.398 | 0.398 | 2.481 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte02ft | bap teq | mg/kg | 20 | 20 | 100 | 0.00185 | 0.222 | 0.0522 | 0.0547 | -- | -- | 0.0815 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | benzene | µg/kg | 6 | 20 | 30 | 0.13 | 0.39 | 0.213 | 0.094 | 0.11 | 0.15 | 0.201 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte02ft | benzo (a) anthracene | mg/kg | 20 | 20 | 100 | 0.001 | 0.37 | 0.047 | 0.0804 | -- | -- | 0.0787 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | benzo (a) pyrene | mg/kg | 20 | 20 | 100 | 0.0013 | 0.15 | 0.0382 | 0.0386 | -- | -- | 0.0596 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 20 | 20 | 100 | 0.0012 | 0.069 | 0.0217 | 0.0191 | -- | -- | 0.0322 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 12 | 20 | 60 | 0.0038 | 0.036 | 0.0146 | 0.00998 | 0.0011 | 0.023 | 0.0144 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte02ft | chrysene | mg/kg | 20 | 20 | 100 | 0.0022 | 0.97 | 0.133 | 0.213 | -- | -- | 0.226 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 2.76 | 6.9 | 5.457 | 1.023 | -- | -- | 5.852 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte02ft | copper | mg/kg | 20 | 20 | 100 | 4 | 11.5 | 7.89 | 1.893 | -- | -- | 8.622 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 16 | 20 | 80 | 0.0009 | 0.033 | 0.0108 | 0.00954 | 0.0007 | 0.013 | 0.0129 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 358 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 20 | 90 | 0.0011 | 0.051 | 0.0186 | 0.015 | 0.0009 | 0.017 | 0.0229 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte02ft | lead | mg/kg | 20 | 20 | 100 | 1.7 | 39.4 | 10.96 | 9.23 | -- | -- | 15.17 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | naphthalene | mg/kg | 13 | 20 | 65 | 0.001 | 0.032 | 0.0072 | 0.00825 | 0.00027 | 0.00036 | 0.00813 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | pyrene | mg/kg | 20 | 20 | 100 | 0.0018 | 0.43 | 0.0777 | 0.0999 | -- | -- | 0.124 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | toluene | µg/kg | 7 | 20 | 35 | 0.14 | 0.83 | 0.309 | 0.239 | 0.12 | 0.17 | 0.263 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | tph as diesel | mg/kg | 19 | 20 | 95 | 5.1 | 2400 | 327 | 541.6 | 4.8 | 4.8 | 830.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | tph as gasoline | mg/kg | 5 | 20 | 25 | 0.085 | 0.12 | 0.106 | 0.0154 | 0.044 | 0.062 | 0.112 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte02ft | tph as motor oil | mg/kg | 19 | 20 | 95 | 15 | 4800 | 798.6 | 1105 | 7 | 7 | 1823 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 11.4 | 27.8 | 19 | 4.398 | -- | -- | 20.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 19.9 | 62.1 | 32.17 | 10.42 | -- | -- | 36.23 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 358 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 33 | 18 | 0.12 | 1800 | 490 | 699.9 | 0.085 | 0.13 | 196.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 33 | 15 | 0.25 | 650 | 206.8 | 267.4 | 0.072 | 0.11 | 189.4 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 33 | 36 | 0.0013 | 15 | 2.349 | 5.067 | 0.0011 | 0.021 | 3.34 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 358 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 23 | 33 | 70 | 0.0006 | 23 | 1.744 | 5.48 | 0.0006 | 0.012 | 4.742 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte05ft | arsenic | mg/kg | 32 | 33 | 97 | 0.408 | 4.93 | 2.035 | 1.12 | 0.398 | 0.398 | 2.322 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte05ft | bap teq | mg/kg | 30 | 33 | 91 | 0.00088 | 0.416 | 0.0709 | 0.111 | 0.00053 | 0.0261 | 0.147 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte05ft | benzene | µg/kg | 8 | 33 | 24 | 0.11 | 0.39 | 0.191 | 0.0897 | 0.11 | 13 | 0.15 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte05ft | benzo (a) anthracene | mg/kg | 28 | 33 | 85 | 0.0007 | 0.62 | 0.082 | 0.154 | 0.0007 | 0.033 | 0.18 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 358 249th st | lte05ft | benzo (a) pyrene | mg/kg | 29 | 33 | 88 | 0.0006 | 0.33 | 0.0479 | 0.081 | 0.0005 | 0.2 | 0.102 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 27 | 33 | 82 | 0.0005 | 0.25 | 0.0299 | 0.0516 | 0.0004 | 0.14 | 0.0619 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 13 | 33 | 39 | 0.0038 | 0.19 | 0.0281 | 0.0496 | 0.0011 | 0.45 | 0.0242 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 358 249th st | lte05ft | chrysene | mg/kg | 29 | 33 | 88 | 0.0014 | 1.2 | 0.177 | 0.314 | 0.0012 | 0.059 | 0.383 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte05ft | cobalt | mg/kg | 33 | 33 | 100 | 2.76 | 7.45 | 5.462 | 0.978 | -- | -- | 5.75 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte05ft | copper | mg/kg | 33 | 33 | 100 | 4 | 11.5 | 7.379 | 1.761 | -- | -- | 7.899 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 17 | 33 | 52 | 0.0009 | 0.04 | 0.0125 | 0.0116 | 0.0007 | 0.27 | 0.0107 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 33 | 58 | 0.0011 | 0.17 | 0.0265 | 0.0377 | 0.0009 | 0.35 | 0.0281 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte05ft | lead | mg/kg | 33 | 33 | 100 | 0.558 | 39.4 | 7.79 | 8.214 | -- | -- | 10.38 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte05ft | naphthalene | mg/kg | 18 | 33 | 55 | 0.001 | 6.2 | 0.639 | 1.702 | 0.00024 | 0.00036 | 1.334 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte05ft | pyrene | mg/kg | 31 | 33 | 94 | 0.0009 | 2.6 | 0.183 | 0.502 | 0.0008 | 0.041 | 0.543 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 358 249th st | lte05ft | toluene | µg/kg | 9 | 33 | 27 | 0.14 | 0.83 | 0.292 | 0.215 | 0.11 | 15 | 0.229 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte05ft | tph as diesel | mg/kg | 28 | 33 | 85 | 5.1 | 10000 | 967.9 | 2430 | 4.8 | 4.8 | 2541 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 358 249th st | lte05ft | tph as gasoline | mg/kg | 13 | 33 | 39 | 0.085 | 150 | 12.15 | 41.43 | 0.044 | 0.062 | 25.11 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte05ft | tph as motor oil | mg/kg | 28 | 33 | 85 | 12 | 15000 | 1520 | 3318 | 7 | 7 | 3648 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 358 249th st | lte05ft | vanadium | mg/kg | 33 | 33 | 100 | 11.4 | 31.1 | 18.72 | 4.974 | -- | -- | 20.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte05ft | xylenes, total | µg/kg | 8 | 33 | 24 | 0.54 | 530 | 104.6 | 190.8 | 0.15 | 0.23 | 105.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte05ft | zinc | mg/kg | 33 | 33 | 100 | 18.1 | 62.1 | 29.09 | 9.781 | -- | -- | 31.93 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 358 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 43 | 21 | 0.12 | 1800 | 328.7 | 603.9 | 0.085 | 0.13 | 148.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 43 | 16 | 0.25 | 650 | 148.5 | 239.9 | 0.072 | 0.11 | 53.48 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 14 | 43 | 33 | 0.0013 | 15 | 2.024 | 4.734 | 0.0011 | 0.021 | 2.571 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 358 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 28 | 43 | 65 | 0.0006 | 23 | 1.44 | 4.991 | 0.0006 | 0.012 | 3.655 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte10ft | arsenic | mg/kg | 42 | 43 | 98 | 0.408 | 4.93 | 2.238 | 1.135 | 0.398 | 0.398 | 2.493 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte10ft | bap teq | mg/kg | 38 | 43 | 88 | 0.00088 | 0.416 | 0.0565 | 0.103 | 0.00053 | 0.0261 | 0.115 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte10ft | benzene | µg/kg | 8 | 43 | 19 | 0.11 | 0.39 | 0.191 | 0.0897 | 0.1 | 13 | 0.14 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte10ft | benzo (a) anthracene | mg/kg | 36 | 43 | 84 | 0.0007 | 0.62 | 0.0642 | 0.14 | 0.0007 | 0.033 | 0.14 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte10ft | benzo (a) pyrene | mg/kg | 37 | 43 | 86 | 0.0006 | 0.33 | 0.038 | 0.074 | 0.0005 | 0.2 | 0.0799 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 35 | 43 | 81 | 0.0005 | 0.25 | 0.0234 | 0.0467 | 0.0004 | 0.14 | 0.0483 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 43 | 35 | 0.0013 | 0.19 | 0.0245 | 0.0469 | 0.0011 | 0.45 | 0.0177 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 358 249th st | lte10ft | chrysene | mg/kg | 37 | 43 | 86 | 0.0014 | 1.2 | 0.14 | 0.286 | 0.0012 | 0.059 | 0.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte10ft | cobalt | mg/kg | 43 | 43 | 100 | 2.76 | 9.25 | 5.983 | 1.397 | -- | -- | 6.342 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte10ft | copper | mg/kg | 43 | 43 | 100 | 4 | 11.5 | 7.627 | 1.747 | -- | -- | 8.075 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 19 | 43 | 44 | 0.0007 | 0.04 | 0.0113 | 0.0116 | 0.0007 | 0.27 | 0.00829 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte10ft | ethylbenzene | µg/kg | 6 | 43 | 14 | 0.68 | 78 | 30.2 | 35.39 | 0.11 | 0.17 | 12.54 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 43 | 51 | 0.0011 | 0.17 | 0.0232 | 0.0359 | 0.0009 | 0.35 | 0.0218 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte10ft | lead | mg/kg | 43 | 43 | 100 | 0.558 | 39.4 | 7.38 | 7.528 | -- | -- | 9.292 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 358 249th st | lte10ft | naphthalene | mg/kg | 22 | 43 | 51 | 0.00027 | 6.2 | 0.524 | 1.551 | 0.00024 | 0.00036 | 1.027 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte10ft | pyrene | mg/kg | 39 | 43 | 91 | 0.0009 | 2.6 | 0.146 | 0.452 | 0.0008 | 0.041 | 0.421 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 358 249th st | lte10ft | toluene | µg/kg | 12 | 43 | 28 | 0.14 | 1.1 | 0.343 | 0.303 | 0.11 | 15 | 0.259 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte10ft | tph as diesel | mg/kg | 34 | 43 | 79 | 5.1 | 10000 | 806.2 | 2227 | 4.8 | 4.8 | 1973 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 358 249th st | lte10ft | tph as gasoline | mg/kg | 17 | 43 | 40 | 0.085 | 150 | 9.445 | 36.23 | 0.044 | 0.062 | 19.25 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 358 249th st | lte10ft | tph as motor oil | mg/kg | 36 | 43 | 84 | 7 | 15000 | 1198 | 2978 | 7 | 7 | 2840 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 358 249th st | lte10ft | vanadium | mg/kg | 43 | 43 | 100 | 11.4 | 31.7 | 20.25 | 5.638 | -- | -- | 21.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 358 249th st | lte10ft | xylenes, total | µg/kg | 11 | 43 | 26 | 0.45 | 530 | 76.99 | 166.5 | 0.15 | 0.23 | 80.66 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 358 249th st | lte10ft | zinc | mg/kg | 43 | 43 | 100 | 18.1 | 62.1 | 28.74 | 8.625 | -- | -- | 30.86 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 360 248th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 10 | 100 | 24 | 340 | 109.8 | 96.47 | -- | -- | 182.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 10 | 60 | 11 | 62 | 27 | 20.59 | 7.9 | 9.4 | 31.1 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 10 | 100 | 1.2 | 14 | 6.57 | 4.01 | -- | -- | 8.895 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 10 | 10 | 100 | 1.8 | 19 | 8.94 | 5.895 | -- | -- | 12.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | arsenic | mg/kg | 10 | 10 | 100 | 3.31 | 6.51 | 5.231 | 0.98 | -- | -- | 5.799 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | bap teq | mg/kg | 10 | 10 | 100 | 0.0581 | 0.408 | 0.217 | 0.12 | -- | -- | 0.287 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | benzene | µg/kg | 9 | 10 | 90 | 23 | 340 | 135.8 | 111.7 | 11 | 11 | 189.4 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 10 | 100 | 0.07 | 0.56 | 0.308 | 0.178 | -- | -- | 0.411 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 10 | 100 | 0.043 | 0.29 | 0.149 | 0.0837 | -- | -- | 0.197 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | cadmium | mg/kg | 10 | 10 | 100 | 0.158 | 0.451 | 0.29 | 0.0774 | -- | -- | 0.335 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | chrysene | mg/kg | 10 | 10 | 100 | 0.18 | 0.98 | 0.555 | 0.299 | -- | -- | 0.728 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | cobalt | mg/kg | 10 | 10 | 100 | 4.96 | 8.77 | 7.503 | 1.126 | -- | -- | 8.156 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | copper | mg/kg | 10 | 10 | 100 | 5.81 | 10.7 | 8.737 | 1.325 | -- | -- | 9.505 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | ethylbenzene | µg/kg | 10 | 10 | 100 | 91 | 810 | 468.1 | 240.8 | -- | -- | 607.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | lead | mg/kg | 10 | 10 | 100 | 3.4 | 11 | 5.257 | 2.127 | -- | -- | 6.581 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | gt05lte10ft | naphthalene | mg/kg | 10 | 10 | 100 | 0.71 | 5.1 | 3.131 | 1.412 | -- | -- | 3.949 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | pyrene | mg/kg | 10 | 10 | 100 | 0.14 | 2.6 | 0.952 | 0.757 | -- | -- | 1.391 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | tph as diesel | mg/kg | 10 | 10 | 100 | 650 | 9100 | 3735 | 2800 | -- | -- | 5358 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | tph as gasoline | mg/kg | 10 | 10 | 100 | 1.5 | 570 | 153.9 | 175.5 | -- | -- | 395.8 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | gt05lte10ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 1200 | 9100 | 4020 | 2869 | -- | -- | 5683 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | vanadium | mg/kg | 10 | 10 | 100 | 20.6 | 34 | 29.3 | 4.094 | -- | -- | 31.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | xylenes, total | µg/kg | 10 | 10 | 100 | 29 | 380 | 153.8 | 111.8 | -- | -- | 218.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | gt05lte10ft | zinc | mg/kg | 10 | 10 | 100 | 18.5 | 34.4 | 26.86 | 4.018 | -- | -- | 29.19 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 20 | 40 | 0.0016 | 0.055 | 0.0187 | 0.0218 | 0.0011 | 0.0086 | 0.0148 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte02ft | 2-methylnaphthalene | mg/kg | 19 | 20 | 95 | 0.001 | 0.18 | 0.0191 | 0.0431 | 0.0006 | 0.0006 | 0.0594 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 360 248th st | lte02ft | arsenic | mg/kg | 20 | 20 | 100 | 3.08 | 8.26 | 5.656 | 1.215 | -- | -- | 6.125 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | lte02ft | bap teq | mg/kg | 18 | 20 | 90 | 0.00119 | 0.448 | 0.0386 | 0.104 | 0.00053 | 0.00053 | 0.132 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 360 248th st | lte02ft | benzo (a) anthracene | mg/kg | 18 | 20 | 90 | 0.0012 | 0.57 | 0.0426 | 0.133 | 0.0007 | 0.0007 | 0.162 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte02ft | benzo (a) pyrene | mg/kg | 18 | 20 | 90 | 0.0008 | 0.32 | 0.0284 | 0.0742 | 0.0005 | 0.0005 | 0.0948 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 360 248th st | lte02ft | benzo (b) fluoranthene | mg/kg | 16 | 20 | 80 | 0.0007 | 0.14 | 0.0147 | 0.034 | 0.0004 | 0.0004 | 0.042 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 360 248th st | lte02ft | cadmium | mg/kg | 20 | 20 | 100 | 0.218 | 0.351 | 0.278 | 0.0314 | -- | -- | 0.29 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | lte02ft | chrysene | mg/kg | 18 | 20 | 90 | 0.0023 | 1.4 | 0.112 | 0.326 | 0.0012 | 0.0012 | 0.404 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 360 248th st | lte02ft | cobalt | mg/kg | 20 | 20 | 100 | 4.67 | 8.3 | 6.306 | 0.758 | -- | -- | 6.599 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | lte02ft | copper | mg/kg | 20 | 20 | 100 | 7.63 | 9.6 | 8.57 | 0.548 | -- | -- | 8.781 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 20 | 60 | 0.0011 | 0.085 | 0.0122 | 0.0235 | 0.0009 | 0.0035 | 0.0164 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 360 248th st | lte02ft | lead | mg/kg | 20 | 20 | 100 | 3.54 | 15.9 | 6.533 | 2.911 | -- | -- | 7.664 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte02ft | naphthalene | mg/kg | 14 | 20 | 70 | 0.00062 | 0.071 | 0.00822 | 0.0185 | 0.00026 | 0.00032 | 0.0214 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte02ft | pyrene | mg/kg | 18 | 20 | 90 | 0.0011 | 0.98 | 0.0816 | 0.231 | 0.0008 | 0.0008 | 0.288 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 360 248th st | lte02ft | tph as diesel | mg/kg | 16 | 20 | 80 | 6 | 910 | 187.6 | 281 | 4.8 | 4.8 | 406.9 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte02ft | tph as motor oil | mg/kg | 18 | 20 | 90 | 8 | 1500 | 320 | 401.4 | 7 | 7 | 671.6 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte02ft | vanadium | mg/kg | 20 | 20 | 100 | 16.7 | 32.4 | 26.22 | 3.375 | -- | -- | 27.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | lte02ft | zinc | mg/kg | 20 | 20 | 100 | 22.8 | 36.1 | 27.1 | 2.756 | -- | -- | 28.2 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 38 | 16 | 0.48 | 730 | 197.7 | 296.4 | 0.089 | 9.9 | 70.41 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | 1-methylnaphthalene | mg/kg | 25 | 38 | 66 | 0.0016 | 10 | 0.707 | 2.036 | 0.0011 | 0.0086 | 1.658 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 360 248th st | lte05ft | 2-methylnaphthalene | mg/kg | 36 | 38 | 95 | 0.001 | 15 | 0.655 | 2.54 | 0.0006 | 0.0024 | 2.372 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte05ft | arsenic | mg/kg | 38 | 38 | 100 | 2.77 | 8.26 | 5.178 | 1.256 | -- | -- | 5.522 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | lte05ft | bap teq | mg/kg | 36 | 38 | 95 | 0.00119 | 0.448 | 0.0643 | 0.103 | 0.00053 | 0.00053 | 0.133 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | benzene | µg/kg | 8 | 38 | 21 | 0.11 | 0.45 | 0.203 | 0.117 | 0.1 | 14 | 0.156 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | benzo (a) anthracene | mg/kg | 36 | 38 | 95 | 0.0012 | 0.57 | 0.0727 | 0.131 | 0.0007 | 0.0007 | 0.16 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 360 248th st | lte05ft | benzo (a) pyrene | mg/kg | 36 | 38 | 95 | 0.0008 | 0.32 | 0.0481 | 0.0755 | 0.0005 | 0.0005 | 0.0981 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | benzo (b) fluoranthene | mg/kg | 33 | 38 | 87 | 0.0007 | 0.15 | 0.0223 | 0.0349 | 0.0004 | 0.028 | 0.0432 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 38 | 24 | 0.0017 | 0.077 | 0.0208 | 0.0232 | 0.0011 | 0.09 | 0.0106 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | cadmium | mg/kg | 38 | 38 | 100 | 0.215 | 0.737 | 0.287 | 0.0808 | -- | -- | 0.311 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte05ft | chrysene | mg/kg | 36 | 38 | 95 | 0.0023 | 1.4 | 0.19 | 0.314 | 0.0012 | 0.0012 | 0.399 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | cobalt | mg/kg | 38 | 38 | 100 | 4.67 | 13.9 | 6.734 | 1.36 | -- | -- | 7.131 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 360 248th st | lte05ft | copper | mg/kg | 38 | 38 | 100 | 7.29 | 17.8 | 8.887 | 1.63 | -- | -- | 9.366 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 38 | 29 | 0.0007 | 0.08 | 0.0231 | 0.0249 | 0.0007 | 0.054 | 0.012 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | ethylbenzene | µg/kg | 7 | 38 | 18 | 1 | 520 | 137.4 | 203.3 | 0.12 | 13 | 54.68 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 26 | 38 | 68 | 0.0009 | 0.085 | 0.012 | 0.017 | 0.0009 | 0.069 | 0.0131 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | lead | mg/kg | 38 | 38 | 100 | 3.47 | 26.3 | 6.823 | 4.156 | -- | -- | 8.019 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte05ft | naphthalene | mg/kg | 31 | 38 | 82 | 0.0005 | 3.2 | 0.31 | 0.736 | 0.00026 | 0.00032 | 0.731 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte05ft | pyrene | mg/kg | 36 | 38 | 95 | 0.0011 | 1.2 | 0.215 | 0.345 | 0.0008 | 0.0008 | 0.444 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 360 248th st | lte05ft | tph as diesel | mg/kg | 34 | 38 | 89 | 6 | 4600 | 664.8 | 978.1 | 4.8 | 4.8 | 1266 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | tph as gasoline | mg/kg | 18 | 38 | 47 | 0.054 | 650 | 67.7 | 152.9 | 0.045 | 0.057 | 110.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte05ft | tph as motor oil | mg/kg | 36 | 38 | 95 | 8 | 3500 | 777.4 | 909.5 | 7 | 7 | 1375 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte05ft | vanadium | mg/kg | 38 | 38 | 100 | 16.7 | 47.8 | 26.6 | 4.552 | -- | -- | 27.9 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte05ft | zinc | mg/kg | 38 | 38 | 100 | 21.3 | 49.7 | 27.52 | 4.476 | -- | -- | 28.81 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 48 | 33 | 0.48 | 730 | 142.8 | 191.8 | 0.089 | 9.9 | 79.55 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 48 | 15 | 11 | 230 | 56 | 79 | 0.075 | 9.4 | 25.97 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | 1-methylnaphthalene | mg/kg | 35 | 48 | 73 | 0.0016 | 14 | 2.382 | 3.795 | 0.0011 | 0.0086 | 3.885 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 360 248th st | lte10ft | 2-methylnaphthalene | mg/kg | 46 | 48 | 96 | 0.001 | 19 | 2.456 | 4.889 | 0.0006 | 0.0024 | 5.382 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte10ft | arsenic | mg/kg | 48 | 48 | 100 | 2.77 | 8.26 | 5.189 | 1.194 | -- | -- | 5.478 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | lte10ft | bap teq | mg/kg | 46 | 48 | 96 | 0.00119 | 0.448 | 0.0976 | 0.124 | 0.00053 | 0.00053 | 0.171 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | benzene | µg/kg | 17 | 48 | 35 | 0.11 | 340 | 71.98 | 105.4 | 0.1 | 14 | 70.89 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte10ft | benzo (a) anthracene | mg/kg | 46 | 48 | 96 | 0.0012 | 0.57 | 0.124 | 0.171 | 0.0007 | 0.0007 | 0.225 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | benzo (a) pyrene | mg/kg | 46 | 48 | 96 | 0.0008 | 0.32 | 0.07 | 0.0872 | 0.0005 | 0.0005 | 0.121 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | benzo (b) fluoranthene | mg/kg | 36 | 48 | 75 | 0.0007 | 0.16 | 0.0268 | 0.0407 | 0.0004 | 0.07 | 0.0453 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 360 248th st | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 48 | 19 | 0.0017 | 0.077 | 0.0208 | 0.0232 | 0.0011 | 0.23 | 0.0104 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | cadmium | mg/kg | 48 | 48 | 100 | 0.158 | 0.737 | 0.288 | 0.0793 | -- | -- | 0.308 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte10ft | chrysene | mg/kg | 46 | 48 | 96 | 0.0023 | 1.4 | 0.27 | 0.343 | 0.0012 | 0.0012 | 0.473 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | cobalt | mg/kg | 48 | 48 | 100 | 4.67 | 13.9 | 6.894 | 1.341 | -- | -- | 7.233 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte10ft | copper | mg/kg | 48 | 48 | 100 | 5.81 | 17.8 | 8.855 | 1.559 | -- | -- | 9.255 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 11 | 48 | 23 | 0.0007 | 0.08 | 0.0231 | 0.0249 | 0.0007 | 0.13 | 0.0111 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | ethylbenzene | µg/kg | 17 | 48 | 35 | 1 | 810 | 331.9 | 276.2 | 0.12 | 13 | 178.8 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 26 | 48 | 54 | 0.0009 | 0.085 | 0.012 | 0.017 | 0.0009 | 0.17 | 0.0131 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | lead | mg/kg | 48 | 48 | 100 | 3.4 | 26.3 | 6.497 | 3.857 | -- | -- | 7.476 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte10ft | naphthalene | mg/kg | 41 | 48 | 85 | 0.0005 | 5.1 | 0.998 | 1.536 | 0.00026 | 0.00032 | 1.773 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte10ft | pyrene | mg/kg | 46 | 48 | 96 | 0.0011 | 2.6 | 0.375 | 0.55 | 0.0008 | 0.0008 | 0.701 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | tph as diesel | mg/kg | 44 | 48 | 92 | 6 | 9100 | 1363 | 2017 | 4.8 | 4.8 | 2488 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | tph as gasoline | mg/kg | 28 | 48 | 58 | 0.054 | 650 | 98.48 | 163.5 | 0.045 | 0.057 | 142 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte10ft | tph as motor oil | mg/kg | 46 | 48 | 96 | 8 | 9100 | 1482 | 2029 | 7 | 7 | 2685 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 360 248th st | lte10ft | vanadium | mg/kg | 48 | 48 | 100 | 16.7 | 47.8 | 27.16 | 4.555 | -- | -- | 28.29 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 360 248th st | lte10ft | xylenes, total | µg/kg | 13 | 48 | 27 | 0.9 | 380 | 142.1 | 111.3 | 0.15 | 17 | 86.46 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 360 248th st | lte10ft | zinc | mg/kg | 48 | 48 | 100 | 18.5 | 49.7 | 27.38 | 4.351 | -- | -- | 28.48 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 361 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 5 | 10 | 50 | 0.0007 | 0.011 | 0.00356 | 0.00423 | 0.0006 | 0.012 | 0.00447 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte02ft | arsenic | mg/kg | 10 | 10 | 100 | 4.25 | 7.93 | 5.9 | 1.086 | -- | -- | 6.53 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte02ft | bap teq | mg/kg | 8 | 10 | 80 | 0.00113 | 0.0452 | 0.0136 | 0.0154 | 0.00053 | 0.00053 | 0.0315 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte02ft | benzo (a) pyrene | mg/kg | 8 | 10 | 80 | 0.0008 | 0.042 | 0.0118 | 0.0142 | 0.0005 | 0.0005 | 0.0282 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 5 | 10 | 50 | 0.0005 | 0.005 | 0.0024 | 0.00173 | 0.0004 | 0.007 | 0.00289 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte02ft | chrysene | mg/kg | 7 | 10 | 70 | 0.0023 | 0.067 | 0.0223 | 0.0249 | 0.0012 | 0.0047 | 0.0312 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte02ft | cobalt | mg/kg | 10 | 10 | 100 | 7.57 | 14.7 | 10.69 | 2.083 | -- | -- | 11.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte02ft | copper | mg/kg | 10 | 10 | 100 | 11.4 | 26.7 | 19.55 | 4.397 | -- | -- | 22.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte02ft | lead | mg/kg | 10 | 10 | 100 | 6.62 | 18.1 | 10.58 | 4.177 | -- | -- | 13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte02ft | pyrene | mg/kg | 8 | 10 | 80 | 0.0012 | 0.029 | 0.0112 | 0.00972 | 0.0008 | 0.0008 | 0.0148 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte02ft | tph as diesel | mg/kg | 5 | 10 | 50 | 5 | 240 | 71.52 | 97.6 | 4.8 | 4.8 | 87.6 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte02ft | vanadium | mg/kg | 10 | 10 | 100 | 27.9 | 39.7 | 34.5 | 3.772 | -- | -- | 36.69 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte02ft | zinc | mg/kg | 10 | 10 | 100 | 32 | 81.5 | 50.4 | 14.33 | -- | -- | 58.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 7 | 16 | 44 | 0.0007 | 0.011 | 0.00276 | 0.00371 | 0.0006 | 0.012 | 0.00295 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte05ft | arsenic | mg/kg | 16 | 16 | 100 | 3.71 | 7.93 | 5.541 | 1.21 | -- | -- | 6.071 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte05ft | bap teq | mg/kg | 11 | 16 | 69 | 0.00113 | 0.0452 | 0.0108 | 0.0138 | 0.00053 | 0.00208 | 0.0133 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 361 244th st | lte05ft | benzo (a) anthracene | mg/kg | 5 | 16 | 31 | 0.0018 | 0.018 | 0.00672 | 0.00647 | 0.0007 | 0.013 | 0.00647 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte05ft | benzo (a) pyrene | mg/kg | 11 | 16 | 69 | 0.0008 | 0.042 | 0.00922 | 0.0126 | 0.0005 | 0.002 | 0.0124 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 361 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 8 | 16 | 50 | 0.0005 | 0.005 | 0.00208 | 0.00144 | 0.0004 | 0.007 | 0.00209 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte05ft | chrysene | mg/kg | 10 | 16 | 63 | 0.0018 | 0.067 | 0.0172 | 0.022 | 0.0012 | 0.0047 | 0.0206 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 361 244th st | lte05ft | cobalt | mg/kg | 16 | 16 | 100 | 7.57 | 14.7 | 11.03 | 1.778 | -- | -- | 11.81 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte05ft | copper | mg/kg | 16 | 16 | 100 | 11.4 | 26.7 | 18.63 | 3.869 | -- | -- | 20.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte05ft | lead | mg/kg | 16 | 16 | 100 | 5.27 | 18.1 | 9.112 | 3.809 | -- | -- | 10.84 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 361 244th st | lte05ft | pyrene | mg/kg | 11 | 16 | 69 | 0.0012 | 0.029 | 0.00925 | 0.00894 | 0.0008 | 0.0033 | 0.0105 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte05ft | tph as diesel | mg/kg | 6 | 16 | 38 | 5 | 240 | 60.5 | 91.37 | 4.8 | 4.8 | 53.52 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte05ft | tph as motor oil | mg/kg | 5 | 16 | 31 | 12 | 890 | 255.4 | 364.7 | 7 | 7 | 193.1 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte05ft | vanadium | mg/kg | 16 | 16 | 100 | 27.9 | 43.9 | 35.83 | 4.498 | -- | -- | 37.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte05ft | zinc | mg/kg | 16 | 16 | 100 | 32 | 81.5 | 46.85 | 12.29 | -- | -- | 52.31 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 11 | 23 | 48 | 0.0007 | 0.011 | 0.00341 | 0.00368 | 0.0006 | 0.012 | 0.00317 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte10ft | arsenic | mg/kg | 23 | 23 | 100 | 3.46 | 9.84 | 5.449 | 1.57 | -- | -- | 6.011 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte10ft | bap teq | mg/kg | 14 | 23 | 61 | 0.00113 | 0.0452 | 0.00931 | 0.0125 | 0.00053 | 0.00208 | 0.0108 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 361 244th st | lte10ft | benzo (a) anthracene | mg/kg | 7 | 23 | 30 | 0.0018 | 0.018 | 0.00649 | 0.0058 | 0.0007 | 0.013 | 0.00554 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte10ft | benzo (a) pyrene | mg/kg | 14 | 23 | 61 | 0.0008 | 0.042 | 0.00787 | 0.0115 | 0.0005 | 0.002 | 0.00886 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 361 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 11 | 23 | 48 | 0.0005 | 0.005 | 0.00212 | 0.00139 | 0.0004 | 0.007 | 0.00198 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte10ft | chrysene | mg/kg | 13 | 23 | 57 | 0.0017 | 0.067 | 0.0157 | 0.0199 | 0.0012 | 0.0047 | 0.0172 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte10ft | cobalt | mg/kg | 23 | 23 | 100 | 4.7 | 14.7 | 9.945 | 2.694 | -- | -- | 10.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte10ft | copper | mg/kg | 23 | 23 | 100 | 8.28 | 29.7 | 17.56 | 5.291 | -- | -- | 19.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 23 | 26 | 0.0009 | 0.0024 | 0.00148 | 0.00071671 | 0.0009 | 0.017 | 0.00135 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 361 244th st | lte10ft | lead | mg/kg | 23 | 23 | 100 | 2.81 | 18.1 | 7.638 | 3.973 | -- | -- | 9.172 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 361 244th st | lte10ft | naphthalene | mg/kg | 5 | 23 | 22 | 0.0023 | 0.027 | 0.00966 | 0.0102 | 0.00025 | 0.0003 | 0.00817 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte10ft | pyrene | mg/kg | 15 | 23 | 65 | 0.0012 | 0.042 | 0.0111 | 0.012 | 0.0008 | 0.0033 | 0.0122 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte10ft | thallium | mg/kg | 6 | 23 | 26 | 0.237 | 0.764 | 0.409 | 0.209 | 0.0987 | 0.232 | 0.361 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte10ft | tph as diesel | mg/kg | 6 | 23 | 26 | 5 | 240 | 60.5 | 91.37 | 4.8 | 4.8 | 38.73 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte10ft | tph as motor oil | mg/kg | 5 | 23 | 22 | 12 | 890 | 255.4 | 364.7 | 7 | 7 | 137.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 361 244th st | lte10ft | vanadium | mg/kg | 23 | 23 | 100 | 18.7 | 51 | 35.02 | 6.664 | -- | -- | 37.4 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 361 244th st | lte10ft | zinc | mg/kg | 23 | 23 | 100 | 21.7 | 81.5 | 45.19 | 12.6 | -- | -- | 49.7 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 7 | 12 | 58 | 0.0009 | 0.018 | 0.00739 | 0.00621 | 0.0006 | 0.012 | 0.0089 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 1.38 | 5.67 | 3.572 | 1.546 | -- | -- | 4.373 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | bap teq | mg/kg | 11 | 12 | 92 | 0.00362 | 0.0862 | 0.0327 | 0.0279 | 0.00208 | 0.00208 | 0.0448 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | benzene | µg/kg | 7 | 12 | 58 | 0.15 | 1.2 | 0.39 | 0.365 | 0.11 | 0.12 | 0.449 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte02ft | benzo (a) anthracene | mg/kg | 10 | 12 | 83 | 0.0023 | 0.053 | 0.0209 | 0.0174 | 0.0026 | 0.013 | 0.0269 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | benzo (a) pyrene | mg/kg | 11 | 12 | 92 | 0.0027 | 0.072 | 0.0263 | 0.0234 | 0.002 | 0.002 | 0.0365 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 7 | 12 | 58 | 0.0016 | 0.031 | 0.0122 | 0.0108 | 0.0007 | 0.007 | 0.0141 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 12 | 42 | 0.002 | 0.017 | 0.00762 | 0.00587 | 0.0011 | 0.023 | 0.00988 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | chrysene | mg/kg | 11 | 12 | 92 | 0.0046 | 0.16 | 0.0655 | 0.0596 | 0.0047 | 0.0047 | 0.0914 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 4.81 | 7.61 | 6.445 | 0.916 | -- | -- | 6.92 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | copper | mg/kg | 12 | 12 | 100 | 5.72 | 14.7 | 9.38 | 2.727 | -- | -- | 10.79 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 6 | 12 | 50 | 0.0014 | 0.021 | 0.00825 | 0.00753 | 0.0017 | 0.017 | 0.00998 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.05 | 31.4 | 13.27 | 9.798 | -- | -- | 19.67 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte02ft | pyrene | mg/kg | 11 | 12 | 92 | 0.0036 | 0.12 | 0.0512 | 0.0425 | 0.0033 | 0.0033 | 0.0695 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | toluene | µg/kg | 10 | 12 | 83 | 0.15 | 0.59 | 0.258 | 0.136 | 0.12 | 0.13 | 0.308 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 362 249th st | lte02ft | tph as diesel | mg/kg | 10 | 12 | 83 | 11 | 1900 | 657.1 | 683.7 | 4.8 | 4.8 | 898.7 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | tph as gasoline | mg/kg | 8 | 12 | 67 | 0.055 | 0.23 | 0.112 | 0.0576 | 0.051 | 0.055 | 0.123 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 14 | 3400 | 1167 | 1230 | -- | -- | 1805 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 14.5 | 30.3 | 22.58 | 5.379 | -- | -- | 25.36 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 20.1 | 100 | 40.72 | 22.05 | -- | -- | 53.03 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 19 | 32 | 0.002 | 0.008 | 0.00465 | 0.00203 | 0.0011 | 0.021 | 0.00472 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 12 | 19 | 63 | 0.0009 | 0.018 | 0.00659 | 0.00544 | 0.0006 | 0.012 | 0.00725 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte05ft | arsenic | mg/kg | 19 | 19 | 100 | 1.16 | 5.67 | 2.917 | 1.507 | -- | -- | 3.72 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 362 249th st | lte05ft | bap teq | mg/kg | 16 | 19 | 84 | 0.000565 | 0.0862 | 0.0234 | 0.027 | 0.00053 | 0.00208 | 0.046 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte05ft | benzene | µg/kg | 13 | 19 | 68 | 0.13 | 1.2 | 0.308 | 0.28 | 0.11 | 0.12 | 0.361 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 362 249th st | lte05ft | benzo (a) anthracene | mg/kg | 12 | 19 | 63 | 0.0007 | 0.053 | 0.018 | 0.0171 | 0.0007 | 0.013 | 0.0183 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte05ft | benzo (a) pyrene | mg/kg | 15 | 19 | 79 | 0.0006 | 0.072 | 0.02 | 0.0225 | 0.0005 | 0.002 | 0.0376 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 9 | 19 | 47 | 0.0006 | 0.031 | 0.0101 | 0.0103 | 0.0004 | 0.007 | 0.0089 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 6 | 19 | 32 | 0.002 | 0.017 | 0.00683 | 0.00559 | 0.0011 | 0.023 | 0.00699 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte05ft | chrysene | mg/kg | 15 | 19 | 79 | 0.0013 | 0.16 | 0.0498 | 0.0572 | 0.0012 | 0.0047 | 0.0944 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 4.62 | 7.61 | 6.126 | 0.886 | -- | -- | 6.478 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte05ft | copper | mg/kg | 19 | 19 | 100 | 5.72 | 14.7 | 8.62 | 2.417 | -- | -- | 9.582 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 19 | 37 | 0.0014 | 0.021 | 0.00769 | 0.00703 | 0.0009 | 0.017 | 0.007 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 362 249th st | lte05ft | lead | mg/kg | 19 | 19 | 100 | 3.53 | 31.4 | 9.957 | 8.871 | -- | -- | 18.83 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 362 249th st | lte05ft | naphthalene | mg/kg | 8 | 19 | 42 | 0.001 | 0.0079 | 0.00455 | 0.00247 | 0.00025 | 0.00031 | 0.0044 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte05ft | pyrene | mg/kg | 16 | 19 | 84 | 0.0011 | 0.12 | 0.0373 | 0.0408 | 0.0008 | 0.0033 | 0.0715 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte05ft | toluene | µg/kg | 14 | 19 | 74 | 0.13 | 0.59 | 0.255 | 0.145 | 0.12 | 0.13 | 0.281 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 362 249th st | lte05ft | tph as diesel | mg/kg | 12 | 19 | 63 | 11 | 1900 | 554.7 | 663.1 | 4.8 | 4.8 | 597.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte05ft | tph as gasoline | mg/kg | 12 | 19 | 63 | 0.055 | 0.61 | 0.161 | 0.15 | 0.034 | 0.055 | 0.178 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 362 249th st | lte05ft | tph as motor oil | mg/kg | 15 | 19 | 79 | 9.5 | 3400 | 948.8 | 1181 | 7 | 7 | 1873 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 14.4 | 30.3 | 20.31 | 5.239 | -- | -- | 22.59 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 362 249th st | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 18.3 | 100 | 33.78 | 19.68 | -- | -- | 41.29 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 362 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 6 | 25 | 24 | 0.002 | 0.008 | 0.00465 | 0.00203 | 0.0011 | 0.021 | 0.0045 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 14 | 25 | 56 | 0.0006 | 0.018 | 0.00575 | 0.00544 | 0.0006 | 0.012 | 0.00579 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte10ft | arsenic | mg/kg | 25 | 25 | 100 | 1.16 | 5.67 | 3.285 | 1.51 | -- | -- | 3.901 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 362 249th st | lte10ft | bap teq | mg/kg | 19 | 25 | 76 | 0.000565 | 0.0862 | 0.02 | 0.0259 | 0.00053 | 0.00208 | 0.0364 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte10ft | benzene | µg/kg | 16 | 25 | 64 | 0.11 | 1.2 | 0.278 | 0.259 | 0.1 | 0.12 | 0.3 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 362 249th st | lte10ft | benzo (a) anthracene | mg/kg | 14 | 25 | 56 | 0.0007 | 0.053 | 0.0156 | 0.0169 | 0.0007 | 0.013 | 0.0145 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte10ft | benzo (a) pyrene | mg/kg | 17 | 25 | 68 | 0.0006 | 0.072 | 0.0179 | 0.0219 | 0.0005 | 0.002 | 0.0198 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 25 | 40 | 0.0006 | 0.031 | 0.00917 | 0.0102 | 0.0004 | 0.007 | 0.00677 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 25 | 24 | 0.002 | 0.017 | 0.00683 | 0.00559 | 0.0011 | 0.023 | 0.00577 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte10ft | chrysene | mg/kg | 17 | 25 | 68 | 0.0013 | 0.16 | 0.0445 | 0.0556 | 0.0012 | 0.0047 | 0.0499 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 362 249th st | lte10ft | cobalt | mg/kg | 25 | 25 | 100 | 4.62 | 10.9 | 6.858 | 1.682 | -- | -- | 7.445 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte10ft | copper | mg/kg | 25 | 25 | 100 | 5.72 | 14.7 | 8.847 | 2.19 | -- | -- | 9.597 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 25 | 32 | 0.001 | 0.021 | 0.00685 | 0.00693 | 0.0009 | 0.017 | 0.00522 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte10ft | lead | mg/kg | 25 | 25 | 100 | 3.53 | 31.4 | 9.047 | 7.864 | -- | -- | 15.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 362 249th st | lte10ft | naphthalene | mg/kg | 9 | 25 | 36 | 0.001 | 0.0079 | 0.0042 | 0.00254 | 0.00025 | 0.00031 | 0.0034 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 362 249th st | lte10ft | pyrene | mg/kg | 21 | 25 | 84 | 0.0011 | 0.12 | 0.029 | 0.0385 | 0.0008 | 0.0033 | 0.0566 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 362 249th st | lte10ft | toluene | µg/kg | 16 | 25 | 64 | 0.13 | 0.59 | 0.253 | 0.14 | 0.12 | 0.13 | 0.261 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 362 249th st | lte10ft | tph as diesel | mg/kg | 13 | 25 | 52 | 6.7 | 1900 | 512.5 | 652.8 | 4.8 | 4.8 | 472.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte10ft | tph as gasoline | mg/kg | 15 | 25 | 60 | 0.053 | 0.61 | 0.149 | 0.139 | 0.034 | 0.055 | 0.151 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte10ft | tph as motor oil | mg/kg | 17 | 25 | 68 | 9.5 | 3400 | 839 | 1147 | 7 | 7 | 953.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 362 249th st | lte10ft | vanadium | mg/kg | 25 | 25 | 100 | 14.4 | 38.6 | 23.33 | 7.386 | -- | -- | 26.05 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 362 249th st | lte10ft | zinc | mg/kg | 25 | 25 | 100 | 18.3 | 100 | 33.1 | 17.14 | -- | -- | 39.29 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.0018 | 0.11 | 0.0242 | 0.03 | 0.003 | 0.003 | 0.0594 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 1.79 | 6.3 | 4.193 | 1.5 | -- | -- | 4.971 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.0054 | 0.337 | 0.0715 | 0.091 | -- | -- | 0.135 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte02ft | benzene | µg/kg | 7 | 12 | 58 | 0.2 | 0.72 | 0.459 | 0.199 | 0.11 | 0.16 | 0.486 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0039 | 0.4 | 0.0585 | 0.109 | -- | -- | 0.122 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 363 249th st | lte02ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.0036 | 0.2 | 0.0461 | 0.053 | -- | -- | 0.0836 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 11 | 12 | 92 | 0.002 | 0.34 | 0.0708 | 0.104 | 0.0018 | 0.0018 | 0.193 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 12 | 67 | 0.0013 | 0.34 | 0.0792 | 0.117 | 0.0056 | 0.045 | 0.109 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte02ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 12 | 42 | 0.17 | 0.6 | 0.39 | 0.173 | 0.16 | 0.33 | 0.467 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | cadmium | mg/kg | 9 | 12 | 75 | 0.16 | 1.15 | 0.563 | 0.337 | 0.0883 | 0.0883 | 0.641 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.011 | 0.96 | 0.181 | 0.269 | -- | -- | 0.371 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.91 | 7.37 | 6.683 | 0.407 | -- | -- | 6.893 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | copper | mg/kg | 12 | 12 | 100 | 7.84 | 36.3 | 19.16 | 9.548 | -- | -- | 24.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 12 | 58 | 0.0012 | 0.028 | 0.0118 | 0.0091 | 0.0034 | 0.027 | 0.0135 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 8 | 12 | 67 | 0.0016 | 0.097 | 0.0331 | 0.0328 | 0.0043 | 0.035 | 0.0396 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | lead | mg/kg | 12 | 12 | 100 | 5.86 | 61.1 | 26.35 | 16.61 | -- | -- | 34.96 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | naphthalene | mg/kg | 5 | 12 | 42 | 0.001 | 0.068 | 0.0221 | 0.0267 | 0.00026 | 0.0004 | 0.0236 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0049 | 2.9 | 0.329 | 0.821 | -- | -- | 1.362 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte02ft | toluene | µg/kg | 7 | 12 | 58 | 0.23 | 1.1 | 0.63 | 0.317 | 0.12 | 0.18 | 0.713 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 19 | 780 | 195.9 | 232 | -- | -- | 361.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte02ft | tph as gasoline | mg/kg | 5 | 12 | 42 | 0.059 | 0.21 | 0.11 | 0.0602 | 0.049 | 0.071 | 0.12 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 97 | 2600 | 586.4 | 702.6 | -- | -- | 1021 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 22.4 | 27.5 | 25.02 | 1.725 | -- | -- | 25.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte02ft | xylenes, total | µg/kg | 5 | 12 | 42 | 0.27 | 0.55 | 0.346 | 0.115 | 0.16 | 0.25 | 0.354 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 26.1 | 139 | 70.87 | 39.05 | -- | -- | 91.11 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 21 | 33 | 0.11 | 1.2 | 0.5 | 0.347 | 0.092 | 9.5 | 0.482 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 21 | 48 | 0.01 | 0.37 | 0.109 | 0.142 | 0.0011 | 0.043 | 0.0989 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 21 | 95 | 0.0018 | 0.41 | 0.063 | 0.114 | 0.003 | 0.003 | 0.166 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 363 249th st | lte05ft | arsenic | mg/kg | 21 | 21 | 100 | 0.528 | 6.3 | 2.945 | 1.904 | -- | -- | 3.662 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte05ft | bap teq | mg/kg | 21 | 21 | 100 | 0.0054 | 0.337 | 0.0701 | 0.0746 | -- | -- | 0.102 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte05ft | benzene | µg/kg | 10 | 21 | 48 | 0.18 | 0.72 | 0.423 | 0.184 | 0.1 | 11 | 0.413 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte05ft | benzo (a) anthracene | mg/kg | 21 | 21 | 100 | 0.0039 | 0.4 | 0.0667 | 0.0912 | -- | -- | 0.154 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte05ft | benzo (a) pyrene | mg/kg | 21 | 21 | 100 | 0.0036 | 0.2 | 0.0477 | 0.0457 | -- | -- | 0.068 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 20 | 21 | 95 | 0.002 | 0.34 | 0.0534 | 0.0797 | 0.0018 | 0.0018 | 0.126 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 21 | 67 | 0.0013 | 0.34 | 0.055 | 0.091 | 0.0056 | 0.045 | 0.0717 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte05ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 21 | 24 | 0.17 | 0.6 | 0.39 | 0.173 | 0.16 | 0.33 | 0.457 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte05ft | cadmium | mg/kg | 12 | 21 | 57 | 0.0957 | 1.15 | 0.457 | 0.346 | 0.0883 | 0.0883 | 0.429 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte05ft | chrysene | mg/kg | 21 | 21 | 100 | 0.011 | 0.96 | 0.201 | 0.227 | -- | -- | 0.304 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte05ft | cobalt | mg/kg | 21 | 21 | 100 | 5.74 | 7.37 | 6.46 | 0.459 | -- | -- | 6.633 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte05ft | copper | mg/kg | 21 | 21 | 100 | 7.49 | 36.3 | 14.91 | 8.776 | -- | -- | 23.26 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 14 | 21 | 67 | 0.0012 | 0.028 | 0.0101 | 0.00719 | 0.0034 | 0.027 | 0.0107 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 21 | 76 | 0.0016 | 0.097 | 0.022 | 0.0256 | 0.0043 | 0.035 | 0.0406 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte05ft | lead | mg/kg | 21 | 21 | 100 | 4.74 | 61.1 | 18.2 | 15.71 | -- | -- | 33.14 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte05ft | naphthalene | mg/kg | 12 | 21 | 57 | 0.001 | 0.1 | 0.0435 | 0.032 | 0.00026 | 0.0004 | 0.039 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte05ft | pyrene | mg/kg | 21 | 21 | 100 | 0.0049 | 2.9 | 0.282 | 0.617 | -- | -- | 0.499 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 363 249th st | lte05ft | toluene | µg/kg | 11 | 21 | 52 | 0.15 | 14 | 1.829 | 4.049 | 0.12 | 12 | 3.961 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte05ft | tph as diesel | mg/kg | 21 | 21 | 100 | 19 | 1700 | 402.4 | 449.5 | -- | -- | 629 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte05ft | tph as gasoline | mg/kg | 12 | 21 | 57 | 0.059 | 6.2 | 1.235 | 1.809 | 0.049 | 0.071 | 1.326 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte05ft | tph as motor oil | mg/kg | 21 | 21 | 100 | 97 | 2600 | 755.6 | 732.8 | -- | -- | 1087 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte05ft | vanadium | mg/kg | 21 | 21 | 100 | 18.8 | 27.5 | 23.52 | 2.4 | -- | -- | 24.42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte05ft | xylenes, total | µg/kg | 9 | 21 | 43 | 0.23 | 0.55 | 0.321 | 0.1 | 0.16 | 16 | 0.31 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 363 249th st | lte05ft | zinc | mg/kg | 21 | 21 | 100 | 24 | 139 | 53.21 | 35.99 | -- | -- | 87.45 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 27 | 48 | 0.11 | 240 | 44.27 | 81.69 | 0.092 | 9.5 | 72.71 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 16 | 27 | 59 | 0.01 | 26 | 5.943 | 9.118 | 0.0011 | 0.043 | 9.933 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 26 | 27 | 96 | 0.0018 | 38 | 5.51 | 11.59 | 0.003 | 0.003 | 14.89 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte10ft | arsenic | mg/kg | 27 | 27 | 100 | 0.528 | 6.3 | 2.68 | 1.759 | -- | -- | 3.367 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte10ft | bap teq | mg/kg | 27 | 27 | 100 | 0.0054 | 2.198 | 0.182 | 0.417 | -- | -- | 0.341 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte10ft | benzene | µg/kg | 16 | 27 | 59 | 0.18 | 110 | 16.03 | 32.1 | 0.1 | 11 | 31.43 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte10ft | benzo (a) anthracene | mg/kg | 25 | 27 | 93 | 0.0039 | 3.5 | 0.232 | 0.694 | 0.26 | 0.52 | 0.781 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte10ft | benzo (a) pyrene | mg/kg | 25 | 27 | 93 | 0.0036 | 1.6 | 0.119 | 0.313 | 0.2 | 0.39 | 0.368 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 21 | 27 | 78 | 0.002 | 0.34 | 0.0661 | 0.0971 | 0.0018 | 0.28 | 0.131 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 363 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 15 | 27 | 56 | 0.0013 | 0.53 | 0.0867 | 0.151 | 0.0056 | 0.9 | 0.161 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 27 | 19 | 0.17 | 0.6 | 0.39 | 0.173 | 0.16 | 3.3 | 0.46 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte10ft | cadmium | mg/kg | 13 | 27 | 48 | 0.0957 | 2.89 | 0.644 | 0.752 | 0.0883 | 0.0883 | 0.555 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte10ft | chrysene | mg/kg | 27 | 27 | 100 | 0.011 | 10 | 0.675 | 1.901 | -- | -- | 1.382 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte10ft | cobalt | mg/kg | 27 | 27 | 100 | 5.74 | 7.79 | 6.562 | 0.501 | -- | -- | 6.726 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte10ft | copper | mg/kg | 27 | 27 | 100 | 7.49 | 36.3 | 14.45 | 8.868 | -- | -- | 21.89 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 27 | 52 | 0.0012 | 0.028 | 0.0101 | 0.00719 | 0.0034 | 0.54 | 0.0108 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte10ft | ethylbenzene | µg/kg | 8 | 27 | 30 | 0.15 | 2100 | 468.9 | 747.2 | 0.12 | 13 | 292.3 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 27 | 59 | 0.0016 | 0.097 | 0.022 | 0.0256 | 0.0043 | 0.69 | 0.0271 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 363 249th st | lte10ft | lead | mg/kg | 27 | 27 | 100 | 4.65 | 81.8 | 18.25 | 19.37 | -- | -- | 34.5 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte10ft | naphthalene | mg/kg | 18 | 27 | 67 | 0.001 | 16 | 3.451 | 5.66 | 0.00026 | 0.0004 | 6.424 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte10ft | pyrene | mg/kg | 27 | 27 | 100 | 0.0049 | 26 | 1.589 | 4.991 | -- | -- | 5.776 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte10ft | toluene | µg/kg | 15 | 27 | 56 | 0.15 | 64 | 8.156 | 18.26 | 0.12 | 13 | 16.56 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte10ft | tph as diesel | mg/kg | 27 | 27 | 100 | 19 | 26000 | 2680 | 5726 | -- | -- | 7483 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte10ft | tph as gasoline | mg/kg | 18 | 27 | 67 | 0.059 | 660 | 70.94 | 175.7 | 0.049 | 0.071 | 171.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte10ft | tph as motor oil | mg/kg | 27 | 27 | 100 | 97 | 37000 | 3458 | 7635 | -- | -- | 9862 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 363 249th st | lte10ft | vanadium | mg/kg | 27 | 27 | 100 | 18.8 | 30.6 | 24.42 | 2.922 | -- | -- | 25.38 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 363 249th st | lte10ft | xylenes, total | µg/kg | 15 | 27 | 56 | 0.23 | 630 | 71.58 | 172.4 | 0.16 | 16 | 152 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 363 249th st | lte10ft | zinc | mg/kg | 27 | 27 | 100 | 23.3 | 673 | 71.28 | 124.8 | -- | -- | 175.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 18 | 89 | 0.15 | 2100 | 404 | 664.3 | 0.46 | 59 | 1017 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 18 | 61 | 1.1 | 770 | 165.5 | 229.8 | 0.42 | 55 | 183.2 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 18 | 18 | 100 | 0.021 | 6.5 | 1.116 | 1.667 | -- | -- | 2.06 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 18 | 18 | 100 | 0.026 | 9.5 | 1.466 | 2.376 | -- | -- | 3.906 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | gt05lte10ft | arsenic | mg/kg | 17 | 17 | 100 | 1.32 | 4.86 | 2.751 | 1.012 | -- | -- | 3.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | gt05lte10ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00443 | 0.678 | 0.185 | 0.199 | -- | -- | 0.307 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | gt05lte10ft | benzene | µg/kg | 11 | 18 | 61 | 0.13 | 210 | 44.43 | 67.28 | 0.097 | 13 | 50.43 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 364 248th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 18 | 18 | 100 | 0.016 | 0.8 | 0.242 | 0.233 | -- | -- | 0.392 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 15 | 18 | 83 | 0.02 | 0.48 | 0.155 | 0.153 | 0.0025 | 0.049 | 0.286 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 364 248th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 18 | 28 | 0.017 | 0.29 | 0.16 | 0.124 | 0.0018 | 0.07 | 0.15 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | gt05lte10ft | cadmium | mg/kg | 8 | 17 | 47 | 0.115 | 0.268 | 0.166 | 0.0521 | 0.0883 | 0.0883 | 0.164 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | gt05lte10ft | chrysene | mg/kg | 18 | 18 | 100 | 0.042 | 2.1 | 0.603 | 0.605 | -- | -- | 0.968 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | gt05lte10ft | cobalt | mg/kg | 17 | 17 | 100 | 5.46 | 8.27 | 6.926 | 0.849 | -- | -- | 7.286 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | gt05lte10ft | copper | mg/kg | 17 | 17 | 100 | 6.68 | 26 | 10.32 | 4.458 | -- | -- | 12.04 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 364 248th st | gt05lte10ft | ethylbenzene | µg/kg | 17 | 18 | 94 | 0.52 | 860 | 223.8 | 309.1 | 0.12 | 0.12 | 524.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 18 | 28 | 0.009 | 0.15 | 0.0654 | 0.0602 | 0.0043 | 0.17 | 0.0717 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | gt05lte10ft | lead | mg/kg | 17 | 17 | 100 | 2.43 | 153 | 14.31 | 36.04 | -- | -- | 52.41 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | gt05lte10ft | naphthalene | mg/kg | 18 | 18 | 100 | 0.002 | 7.5 | 1.17 | 1.813 | -- | -- | 2.525 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | gt05lte10ft | pyrene | mg/kg | 18 | 18 | 100 | 0.048 | 2.4 | 0.745 | 0.733 | -- | -- | 1.201 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | gt05lte10ft | tert-butyl alcohol (tba) | µg/kg | 5 | 18 | 28 | 6.5 | 15 | 9.84 | 3.456 | 11 | 1300 | 11.93 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | gt05lte10ft | tph as diesel | mg/kg | 18 | 18 | 100 | 120 | 6500 | 1510 | 1915 | -- | -- | 3478 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | gt05lte10ft | tph as gasoline | mg/kg | 18 | 18 | 100 | 0.52 | 790 | 74.4 | 187.9 | -- | -- | 267.4 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | gt05lte10ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 170 | 9800 | 2213 | 2835 | -- | -- | 5125 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | gt05lte10ft | vanadium | mg/kg | 17 | 17 | 100 | 17.9 | 31.7 | 25.14 | 3.55 | -- | -- | 26.64 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | gt05lte10ft | xylenes, total | µg/kg | 15 | 18 | 83 | 0.7 | 1300 | 213 | 347.3 | 0.44 | 44 | 514.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | gt05lte10ft | zinc | mg/kg | 17 | 17 | 100 | 22.7 | 58.8 | 31.34 | 8.404 | -- | -- | 34.78 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 16 | 44 | 0.32 | 27 | 6.027 | 10.37 | 0.094 | 0.12 | 11 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte02ft | 1-methylnaphthalene | mg/kg | 6 | 16 | 38 | 0.0026 | 4.3 | 1.04 | 1.667 | 0.0043 | 0.043 | 0.9 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 16 | 75 | 0.0032 | 2.7 | 0.439 | 0.866 | 0.003 | 0.024 | 1.175 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 1.5 | 3.16 | 2.246 | 0.529 | -- | -- | 2.478 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.003 | 0.301 | 0.0511 | 0.0785 | -- | -- | 0.137 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | lte02ft | benzene | µg/kg | 13 | 16 | 81 | 0.11 | 0.57 | 0.286 | 0.109 | 0.11 | 13 | 0.327 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | lte02ft | benzo (a) anthracene | mg/kg | 14 | 16 | 88 | 0.0026 | 0.32 | 0.0509 | 0.0821 | 0.013 | 0.026 | 0.131 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte02ft | benzo (a) pyrene | mg/kg | 10 | 16 | 63 | 0.0035 | 0.26 | 0.0623 | 0.0781 | 0.002 | 0.0099 | 0.0745 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte02ft | cadmium | mg/kg | 8 | 16 | 50 | 0.0899 | 0.369 | 0.203 | 0.123 | 0.0883 | 0.0883 | 0.193 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 364 248th st | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.0081 | 0.46 | 0.113 | 0.127 | -- | -- | 0.185 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.92 | 7.08 | 6.476 | 0.332 | -- | -- | 6.622 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | lte02ft | copper | mg/kg | 16 | 16 | 100 | 9.19 | 111 | 27.31 | 30.25 | -- | -- | 60.28 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 16 | 44 | 0.002 | 0.076 | 0.0201 | 0.0256 | 0.0035 | 0.035 | 0.0194 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte02ft | lead | mg/kg | 16 | 16 | 100 | 2.72 | 49 | 11.57 | 11.68 | -- | -- | 16.92 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte02ft | naphthalene | mg/kg | 11 | 16 | 69 | 0.00037 | 1.7 | 0.214 | 0.507 | 0.00026 | 0.00033 | 0.359 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 364 248th st | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.0089 | 2.3 | 0.284 | 0.575 | -- | -- | 0.911 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | lte02ft | toluene | µg/kg | 11 | 16 | 69 | 0.15 | 0.39 | 0.27 | 0.0834 | 0.12 | 14 | 0.288 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 42 | 5800 | 1418 | 1834 | -- | -- | 2664 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 364 248th st | lte02ft | tph as gasoline | mg/kg | 6 | 16 | 38 | 0.055 | 3.2 | 1.126 | 1.57 | 0.049 | 0.059 | 0.946 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 364 248th st | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 67 | 9000 | 2187 | 2558 | -- | -- | 3852 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 20.7 | 28.4 | 23.29 | 2.446 | -- | -- | 24.39 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 25.7 | 68.2 | 37.63 | 11.78 | -- | -- | 42.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 18 | 31 | 58 | 0.15 | 4400 | 743.9 | 1487 | 0.083 | 0.56 | 1367 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 31 | 39 | 0.13 | 1900 | 321.9 | 574 | 0.071 | 12 | 244.5 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte05ft | 1-methylnaphthalene | mg/kg | 17 | 31 | 55 | 0.0026 | 21 | 3.401 | 5.894 | 0.0011 | 0.086 | 3.345 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 31 | 81 | 0.0008 | 34 | 3.239 | 7.646 | 0.003 | 0.048 | 8.084 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte05ft | arsenic | mg/kg | 31 | 31 | 100 | 1.5 | 3.81 | 2.357 | 0.563 | -- | -- | 2.529 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | lte05ft | bap teq | mg/kg | 31 | 31 | 100 | 0.000654 | 0.735 | 0.0921 | 0.149 | -- | -- | 0.144 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 364 248th st | lte05ft | benzene | µg/kg | 19 | 31 | 61 | 0.11 | 260 | 19.59 | 60.77 | 0.096 | 16 | 50.09 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte05ft | benzo (a) anthracene | mg/kg | 29 | 31 | 94 | 0.0013 | 1 | 0.121 | 0.215 | 0.013 | 0.026 | 0.279 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 364 248th st | lte05ft | benzo (a) pyrene | mg/kg | 22 | 31 | 71 | 0.0035 | 0.53 | 0.0839 | 0.122 | 0.0005 | 0.2 | 0.148 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte05ft | benzo (b) fluoranthene | mg/kg | 7 | 31 | 23 | 0.0054 | 0.22 | 0.0698 | 0.0791 | 0.0004 | 0.14 | 0.0454 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | lte05ft | cadmium | mg/kg | 13 | 31 | 42 | 0.0899 | 0.369 | 0.179 | 0.101 | 0.0883 | 0.0883 | 0.159 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte05ft | chrysene | mg/kg | 30 | 31 | 97 | 0.0035 | 1.2 | 0.223 | 0.286 | 0.012 | 0.012 | 0.438 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte05ft | cobalt | mg/kg | 31 | 31 | 100 | 5.92 | 7.95 | 6.639 | 0.516 | -- | -- | 6.797 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte05ft | copper | mg/kg | 31 | 31 | 100 | 7.83 | 158 | 23.49 | 34.07 | -- | -- | 50.16 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte05ft | ethylbenzene | µg/kg | 14 | 31 | 45 | 0.23 | 1700 | 411.5 | 664.5 | 0.11 | 18 | 336.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 31 | 35 | 0.002 | 0.12 | 0.0314 | 0.0391 | 0.0009 | 0.35 | 0.0235 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte05ft | lead | mg/kg | 31 | 31 | 100 | 1.98 | 49 | 8.522 | 9.125 | -- | -- | 10.84 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | lte05ft | naphthalene | mg/kg | 25 | 31 | 81 | 0.00025 | 9.3 | 1.206 | 2.364 | 0.00026 | 0.00068 | 2.678 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 364 248th st | lte05ft | pyrene | mg/kg | 31 | 31 | 100 | 0.005 | 2.5 | 0.419 | 0.655 | -- | -- | 0.932 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | lte05ft | toluene | µg/kg | 13 | 31 | 42 | 0.15 | 31 | 2.626 | 8.526 | 0.11 | 18 | 3.282 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte05ft | tph as diesel | mg/kg | 30 | 31 | 97 | 42 | 13000 | 1912 | 2903 | 4.8 | 4.8 | 4103 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | lte05ft | tph as gasoline | mg/kg | 20 | 31 | 65 | 0.055 | 470 | 44.26 | 132.6 | 0.049 | 0.059 | 113.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte05ft | tph as motor oil | mg/kg | 31 | 31 | 100 | 14 | 11000 | 2259 | 2904 | -- | -- | 3373 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte05ft | vanadium | mg/kg | 31 | 31 | 100 | 20.7 | 29.5 | 24.02 | 2.511 | -- | -- | 24.8 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte05ft | xylenes, total | µg/kg | 14 | 31 | 45 | 0.26 | 1800 | 296.6 | 575.8 | 0.14 | 24 | 261 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte05ft | zinc | mg/kg | 31 | 31 | 100 | 25.7 | 68.2 | 33.53 | 9.698 | -- | -- | 36.59 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 34 | 49 | 69 | 0.15 | 4400 | 583.9 | 1170 | 0.083 | 59 | 648.7 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 364 248th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 23 | 49 | 47 | 0.13 | 1900 | 247.1 | 441.7 | 0.071 | 55 | 194.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | 1-methylnaphthalene | mg/kg | 35 | 49 | 71 | 0.0026 | 21 | 2.226 | 4.368 | 0.0011 | 0.086 | 3.976 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | 2-methylnaphthalene | mg/kg | 43 | 49 | 88 | 0.0008 | 34 | 2.497 | 6.039 | 0.003 | 0.048 | 5.752 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | lte10ft | arsenic | mg/kg | 48 | 48 | 100 | 1.32 | 4.86 | 2.497 | 0.766 | -- | -- | 2.684 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | bap teq | mg/kg | 49 | 49 | 100 | 0.000654 | 0.735 | 0.126 | 0.173 | -- | -- | 0.176 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | benzene | µg/kg | 30 | 49 | 61 | 0.11 | 260 | 28.7 | 63.26 | 0.096 | 16 | 49.73 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte10ft | benzo (a) anthracene | mg/kg | 47 | 49 | 96 | 0.0013 | 1 | 0.167 | 0.228 | 0.013 | 0.026 | 0.301 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | lte10ft | benzo (a) pyrene | mg/kg | 37 | 49 | 76 | 0.0035 | 0.53 | 0.113 | 0.138 | 0.0005 | 0.2 | 0.168 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 49 | 24 | 0.0054 | 0.29 | 0.107 | 0.106 | 0.0004 | 0.14 | 0.0478 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | cadmium | mg/kg | 21 | 48 | 44 | 0.0899 | 0.369 | 0.174 | 0.0841 | 0.0883 | 0.0883 | 0.149 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte10ft | chrysene | mg/kg | 48 | 49 | 98 | 0.0035 | 2.1 | 0.365 | 0.467 | 0.012 | 0.012 | 0.647 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | cobalt | mg/kg | 48 | 48 | 100 | 5.46 | 8.27 | 6.741 | 0.66 | -- | -- | 6.902 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 364 248th st | lte10ft | copper | mg/kg | 48 | 48 | 100 | 6.68 | 158 | 18.83 | 28.07 | -- | -- | 36.49 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 6 | 49 | 12 | 0.004 | 0.14 | 0.0419 | 0.0513 | 0.0007 | 0.27 | 0.0153 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | ethylbenzene | µg/kg | 31 | 49 | 63 | 0.23 | 1700 | 308.6 | 501.3 | 0.11 | 18 | 290.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 49 | 33 | 0.002 | 0.15 | 0.042 | 0.0474 | 0.0009 | 0.35 | 0.0269 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | lead | mg/kg | 48 | 48 | 100 | 1.98 | 153 | 10.57 | 22.43 | -- | -- | 24.69 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte10ft | naphthalene | mg/kg | 43 | 49 | 88 | 0.00025 | 9.3 | 1.191 | 2.127 | 0.00026 | 0.00068 | 2.31 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | pyrene | mg/kg | 49 | 49 | 100 | 0.005 | 2.5 | 0.539 | 0.696 | -- | -- | 0.764 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | tert-butyl alcohol (tba) | µg/kg | 7 | 49 | 14 | 5.9 | 15 | 9.1 | 3.189 | 3.9 | 1800 | 9.021 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | lte10ft | toluene | µg/kg | 15 | 49 | 31 | 0.11 | 31 | 2.325 | 7.934 | 0.11 | 52 | 2.778 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte10ft | tph as diesel | mg/kg | 48 | 49 | 98 | 42 | 13000 | 1762 | 2562 | 4.8 | 4.8 | 3313 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | lte10ft | tph as gasoline | mg/kg | 38 | 49 | 78 | 0.055 | 790 | 58.53 | 159.6 | 0.049 | 0.059 | 134.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 364 248th st | lte10ft | tph as motor oil | mg/kg | 49 | 49 | 100 | 14 | 11000 | 2242 | 2849 | -- | -- | 4572 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 364 248th st | lte10ft | vanadium | mg/kg | 48 | 48 | 100 | 17.9 | 31.7 | 24.42 | 2.933 | -- | -- | 25.13 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 364 248th st | lte10ft | xylenes, total | µg/kg | 29 | 49 | 59 | 0.26 | 1800 | 253.4 | 464.8 | 0.14 | 44 | 240 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 364 248th st | lte10ft | zinc | mg/kg | 48 | 48 | 100 | 22.7 | 68.2 | 32.75 | 9.23 | -- | -- | 35.05 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 6 | 10 | 60 | 0.013 | 0.15 | 0.0448 | 0.0523 | 0.0012 | 0.012 | 0.0624 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte05ft | arsenic | mg/kg | 10 | 10 | 100 | 3.38 | 5.55 | 4.323 | 0.752 | -- | -- | 4.759 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 244th st | lte05ft | bap teq | mg/kg | 10 | 10 | 100 | 0.00226 | 0.691 | 0.124 | 0.209 | -- | -- | 0.351 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte05ft | benzo (a) anthracene | mg/kg | 8 | 10 | 80 | 0.0036 | 0.37 | 0.0837 | 0.122 | 0.0013 | 0.013 | 0.225 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte05ft | benzo (a) pyrene | mg/kg | 9 | 10 | 90 | 0.0017 | 0.56 | 0.108 | 0.176 | 0.0025 | 0.0025 | 0.332 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 7 | 10 | 70 | 0.0036 | 0.11 | 0.0487 | 0.0413 | 0.0007 | 0.007 | 0.0607 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 244th st | lte05ft | chrysene | mg/kg | 10 | 10 | 100 | 0.0042 | 1.3 | 0.227 | 0.391 | -- | -- | 0.625 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte05ft | cobalt | mg/kg | 10 | 10 | 100 | 8.52 | 11.3 | 9.864 | 0.959 | -- | -- | 10.42 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 244th st | lte05ft | copper | mg/kg | 10 | 10 | 100 | 13.7 | 35.2 | 20.26 | 6.055 | -- | -- | 23.99 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte05ft | lead | mg/kg | 10 | 10 | 100 | 8.46 | 151 | 28.24 | 43.56 | -- | -- | 88.28 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 244th st | lte05ft | pyrene | mg/kg | 9 | 10 | 90 | 0.0055 | 0.68 | 0.209 | 0.278 | 0.016 | 0.016 | 0.563 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte05ft | tph as diesel | mg/kg | 10 | 10 | 100 | 30 | 8800 | 1226 | 2718 | -- | -- | 4973 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 367 244th st | lte05ft | tph as motor oil | mg/kg | 10 | 10 | 100 | 90 | 23000 | 3234 | 7087 | -- | -- | 13003 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 367 244th st | lte05ft | vanadium | mg/kg | 10 | 10 | 100 | 29.4 | 45.7 | 35.33 | 4.978 | -- | -- | 38.22 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 244th st | lte05ft | zinc | mg/kg | 10 | 10 | 100 | 35.1 | 282 | 75.56 | 74.2 | -- | -- | 177.8 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 6 | 13 | 46 | 0.013 | 0.15 | 0.0448 | 0.0523 | 0.0006 | 0.012 | 0.0472 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte10ft | arsenic | mg/kg | 13 | 13 | 100 | 1.34 | 5.55 | 3.919 | 1.203 | -- | -- | 4.514 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 244th st | lte10ft | bap teq | mg/kg | 13 | 13 | 100 | 0.000659 | 0.691 | 0.097 | 0.188 | -- | -- | 0.291 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte10ft | benzo (a) anthracene | mg/kg | 11 | 13 | 85 | 0.0009 | 0.37 | 0.0623 | 0.108 | 0.0013 | 0.013 | 0.176 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte10ft | benzo (a) pyrene | mg/kg | 11 | 13 | 85 | 0.0017 | 0.56 | 0.0898 | 0.162 | 0.0005 | 0.0025 | 0.261 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 8 | 13 | 62 | 0.0007 | 0.11 | 0.0427 | 0.0418 | 0.0007 | 0.007 | 0.0472 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 244th st | lte10ft | chrysene | mg/kg | 13 | 13 | 100 | 0.003 | 1.3 | 0.178 | 0.351 | -- | -- | 0.506 | 95% Adjusted Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte10ft | cobalt | mg/kg | 13 | 13 | 100 | 4.13 | 11.3 | 8.985 | 2.234 | -- | -- | 10.09 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 367 244th st | lte10ft | copper | mg/kg | 13 | 13 | 100 | 7.47 | 35.2 | 18.12 | 6.961 | -- | -- | 21.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 244th st | lte10ft | lead | mg/kg | 13 | 13 | 100 | 2.53 | 151 | 22.6 | 39.22 | -- | -- | 70.02 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 367 244th st | lte10ft | pyrene | mg/kg | 12 | 13 | 92 | 0.0021 | 0.68 | 0.16 | 0.253 | 0.016 | 0.016 | 0.447 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 244th st | lte10ft | tph as diesel | mg/kg | 13 | 13 | 100 | 18 | 8800 | 953.8 | 2410 | -- | -- | 3867 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 367 244th st | lte10ft | tph as motor oil | mg/kg | 13 | 13 | 100 | 53 | 23000 | 2514 | 6288 | -- | -- | 10116 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 367 244th st | lte10ft | vanadium | mg/kg | 13 | 13 | 100 | 16.3 | 45.7 | 32.06 | 8.264 | -- | -- | 36.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 244th st | lte10ft | zinc | mg/kg | 13 | 13 | 100 | 20 | 282 | 64.55 | 67.76 | -- | -- | 95.66 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 17 | 18 | 94 | 0.38 | 630 | 89.16 | 175.4 | 0.47 | 0.47 | 260.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 11 | 18 | 61 | 0.17 | 55 | 17.12 | 20 | 0.077 | 220 | 18.62 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 17 | 18 | 94 | 0.032 | 5.8 | 0.819 | 1.421 | 0.21 | 0.21 | 2.209 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 17 | 18 | 94 | 0.031 | 7.6 | 0.954 | 1.861 | 0.12 | 0.12 | 2.775 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | antimony | mg/kg | 5 | 18 | 28 | 0.3 | 1.11 | 0.476 | 0.355 | 0.28 | 0.306 | 0.441 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | gt05lte10ft | arsenic | mg/kg | 18 | 18 | 100 | 1.1 | 5.2 | 2.923 | 1.206 | -- | -- | 3.417 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | gt05lte10ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00948 | 0.453 | 0.122 | 0.11 | -- | -- | 0.178 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | benzene | µg/kg | 10 | 18 | 56 | 0.14 | 14 | 2.988 | 4.557 | 0.1 | 20 | 3.878 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 18 | 18 | 100 | 0.0078 | 0.49 | 0.122 | 0.121 | -- | -- | 0.181 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 18 | 18 | 100 | 0.0073 | 0.33 | 0.0945 | 0.0832 | -- | -- | 0.138 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 16 | 18 | 89 | 0.0029 | 0.2 | 0.0423 | 0.0469 | 0.0014 | 0.0014 | 0.058 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | cadmium | mg/kg | 7 | 18 | 39 | 0.131 | 0.189 | 0.149 | 0.0196 | 0.0883 | 0.0883 | 0.144 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | chrysene | mg/kg | 18 | 18 | 100 | 0.024 | 1.2 | 0.318 | 0.304 | -- | -- | 0.468 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | cobalt | mg/kg | 18 | 18 | 100 | 2.19 | 8.52 | 5.861 | 1.51 | -- | -- | 6.48 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | gt05lte10ft | copper | mg/kg | 18 | 18 | 100 | 2.88 | 12.2 | 8.363 | 2.321 | -- | -- | 9.315 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 18 | 50 | 0.0018 | 0.042 | 0.0161 | 0.0131 | 0.0027 | 0.13 | 0.0159 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | gt05lte10ft | ethylbenzene | µg/kg | 17 | 18 | 94 | 0.14 | 190 | 46.19 | 66.07 | 0.12 | 0.12 | 110.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 18 | 67 | 0.002 | 0.05 | 0.0194 | 0.014 | 0.0035 | 0.17 | 0.0211 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | gt05lte10ft | lead | mg/kg | 18 | 18 | 100 | 4.4 | 53.4 | 10.75 | 11.03 | -- | -- | 22.08 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | gt05lte10ft | naphthalene | mg/kg | 17 | 18 | 94 | 0.0015 | 1.5 | 0.418 | 0.461 | 0.00065 | 0.00065 | 0.866 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | pyrene | mg/kg | 18 | 18 | 100 | 0.023 | 2.3 | 0.515 | 0.594 | -- | -- | 0.815 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | toluene | µg/kg | 5 | 18 | 28 | 0.18 | 0.66 | 0.36 | 0.196 | 0.12 | 29 | 0.38 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | gt05lte10ft | tph as diesel | mg/kg | 18 | 18 | 100 | 160 | 6500 | 1888 | 1719 | -- | -- | 2854 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | tph as gasoline | mg/kg | 18 | 18 | 100 | 0.074 | 220 | 42.07 | 62.36 | -- | -- | 108.6 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 367 249th st | gt05lte10ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 250 | 7300 | 2759 | 2310 | -- | -- | 4111 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | vanadium | mg/kg | 18 | 18 | 100 | 6.71 | 28.3 | 21.19 | 5.686 | -- | -- | 23.52 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | gt05lte10ft | xylenes, total | µg/kg | 14 | 18 | 78 | 0.2 | 93 | 22.73 | 29.1 | 0.17 | 18 | 45.95 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | gt05lte10ft | zinc | mg/kg | 18 | 18 | 100 | 20.9 | 40 | 28.68 | 4.319 | -- | -- | 30.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 18 | 28 | 0.11 | 0.36 | 0.196 | 0.105 | 0.092 | 0.54 | 0.211 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 13 | 18 | 72 | 0.0026 | 0.045 | 0.0134 | 0.0128 | 0.0024 | 0.024 | 0.0161 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte02ft | antimony | mg/kg | 5 | 18 | 28 | 0.28 | 0.42 | 0.33 | 0.0539 | 0.28 | 0.306 | 0.335 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 1.16 | 5.96 | 3.994 | 1.27 | -- | -- | 4.515 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.00249 | 1.128 | 0.149 | 0.326 | -- | -- | 0.484 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte02ft | benzene | µg/kg | 8 | 18 | 44 | 0.12 | 0.41 | 0.219 | 0.0914 | 0.1 | 0.12 | 0.211 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte02ft | benzo (a) anthracene | mg/kg | 18 | 18 | 100 | 0.0023 | 0.71 | 0.0882 | 0.188 | -- | -- | 0.282 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte02ft | benzo (a) pyrene | mg/kg | 17 | 18 | 94 | 0.0064 | 0.85 | 0.115 | 0.245 | 0.002 | 0.002 | 0.355 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 17 | 18 | 94 | 0.003 | 1.2 | 0.124 | 0.317 | 0.0014 | 0.0014 | 0.436 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 6 | 18 | 33 | 0.0031 | 0.49 | 0.106 | 0.19 | 0.0023 | 0.045 | 0.0875 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte02ft | cadmium | mg/kg | 8 | 18 | 44 | 0.142 | 0.322 | 0.192 | 0.0597 | 0.0883 | 0.0883 | 0.184 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.012 | 0.89 | 0.15 | 0.246 | -- | -- | 0.402 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5.49 | 8.24 | 6.822 | 0.817 | -- | -- | 7.156 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte02ft | copper | mg/kg | 18 | 18 | 100 | 8.18 | 12.8 | 9.902 | 1.506 | -- | -- | 10.53 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 367 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 13 | 18 | 72 | 0.0027 | 0.19 | 0.0256 | 0.0506 | 0.0027 | 0.027 | 0.065 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 15 | 18 | 83 | 0.0032 | 0.51 | 0.0668 | 0.148 | 0.0035 | 0.035 | 0.197 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte02ft | lead | mg/kg | 18 | 18 | 100 | 6.18 | 67.7 | 15.27 | 14.96 | -- | -- | 30.64 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte02ft | naphthalene | mg/kg | 8 | 18 | 44 | 0.00056 | 0.057 | 0.0164 | 0.0179 | 0.00026 | 0.00074 | 0.0136 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte02ft | pyrene | mg/kg | 18 | 18 | 100 | 0.0063 | 1.1 | 0.138 | 0.291 | -- | -- | 0.437 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte02ft | toluene | µg/kg | 7 | 18 | 39 | 0.13 | 0.27 | 0.181 | 0.0543 | 0.12 | 0.47 | 0.188 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte02ft | tph as diesel | mg/kg | 18 | 18 | 100 | 15 | 840 | 190.7 | 248.5 | -- | -- | 446 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 93 | 2300 | 627.1 | 679 | -- | -- | 1325 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 17.7 | 32.4 | 25.74 | 3.352 | -- | -- | 27.12 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 25.9 | 339 | 50.12 | 72.38 | -- | -- | 124.5 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 367 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 28 | 29 | 0.11 | 11 | 1.824 | 3.796 | 0.085 | 0.58 | 2.413 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 7 | 28 | 25 | 0.0013 | 0.27 | 0.0745 | 0.114 | 0.0011 | 0.043 | 0.0416 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 367 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 23 | 28 | 82 | 0.00062 | 0.33 | 0.038 | 0.0779 | 0.0024 | 0.024 | 0.0912 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte05ft | antimony | mg/kg | 8 | 28 | 29 | 0.28 | 0.42 | 0.329 | 0.0422 | 0.28 | 0.306 | 0.322 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte05ft | arsenic | mg/kg | 28 | 28 | 100 | 0.703 | 5.96 | 3.535 | 1.373 | -- | -- | 3.977 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte05ft | bap teq | mg/kg | 28 | 28 | 100 | 0.00249 | 1.128 | 0.12 | 0.263 | -- | -- | 0.238 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte05ft | benzene | µg/kg | 10 | 28 | 36 | 0.12 | 0.41 | 0.222 | 0.0903 | 0.098 | 0.68 | 0.193 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte05ft | benzo (a) anthracene | mg/kg | 28 | 28 | 100 | 0.0021 | 0.71 | 0.0809 | 0.153 | -- | -- | 0.179 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte05ft | benzo (a) pyrene | mg/kg | 27 | 28 | 96 | 0.0023 | 0.85 | 0.0914 | 0.196 | 0.002 | 0.002 | 0.247 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 27 | 28 | 96 | 0.0016 | 1.2 | 0.0893 | 0.254 | 0.0014 | 0.0014 | 0.292 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 28 | 32 | 0.0017 | 0.49 | 0.0735 | 0.158 | 0.0023 | 0.045 | 0.0565 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte05ft | cadmium | mg/kg | 12 | 28 | 43 | 0.12 | 0.322 | 0.174 | 0.0554 | 0.0883 | 0.0883 | 0.158 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte05ft | chrysene | mg/kg | 28 | 28 | 100 | 0.0046 | 0.89 | 0.167 | 0.222 | -- | -- | 0.25 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte05ft | cobalt | mg/kg | 28 | 28 | 100 | 4.61 | 8.24 | 6.534 | 0.88 | -- | -- | 6.818 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte05ft | copper | mg/kg | 28 | 28 | 100 | 6.71 | 12.8 | 9.309 | 1.585 | -- | -- | 9.82 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 20 | 28 | 71 | 0.0012 | 0.19 | 0.0217 | 0.0412 | 0.0027 | 0.027 | 0.0461 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 367 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 22 | 28 | 79 | 0.0017 | 0.51 | 0.0514 | 0.123 | 0.0035 | 0.035 | 0.133 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte05ft | lead | mg/kg | 28 | 28 | 100 | 3.1 | 67.7 | 12.53 | 12.73 | -- | -- | 15.6 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte05ft | naphthalene | mg/kg | 13 | 28 | 46 | 0.00056 | 0.18 | 0.0304 | 0.0498 | 0.00026 | 0.00081 | 0.0264 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte05ft | pyrene | mg/kg | 28 | 28 | 100 | 0.004 | 1.1 | 0.146 | 0.24 | -- | -- | 0.357 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte05ft | toluene | µg/kg | 8 | 28 | 29 | 0.13 | 0.32 | 0.199 | 0.0702 | 0.11 | 0.69 | 0.193 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte05ft | tph as diesel | mg/kg | 27 | 28 | 96 | 15 | 1400 | 359.9 | 420.8 | 4.8 | 4.8 | 692.2 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 367 249th st | lte05ft | tph as gasoline | mg/kg | 5 | 28 | 18 | 0.072 | 29 | 6.009 | 12.86 | 0.045 | 0.08 | 3.063 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 367 249th st | lte05ft | tph as motor oil | mg/kg | 27 | 28 | 96 | 60 | 2300 | 836.2 | 749.7 | 7 | 7 | 1427 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte05ft | vanadium | mg/kg | 28 | 28 | 100 | 15.5 | 32.4 | 24.43 | 3.964 | -- | -- | 25.71 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte05ft | zinc | mg/kg | 28 | 28 | 100 | 19.7 | 339 | 41.96 | 58.58 | -- | -- | 62.62 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 25 | 46 | 54 | 0.11 | 630 | 61.21 | 149.2 | 0.085 | 0.58 | 106.8 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 12 | 46 | 26 | 0.17 | 55 | 15.84 | 19.58 | 0.072 | 220 | 7.465 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 24 | 46 | 52 | 0.0013 | 5.8 | 0.602 | 1.236 | 0.0011 | 0.21 | 0.566 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 40 | 46 | 87 | 0.00062 | 7.6 | 0.427 | 1.278 | 0.0024 | 0.12 | 1.144 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte10ft | antimony | mg/kg | 13 | 46 | 28 | 0.28 | 1.11 | 0.385 | 0.22 | 0.28 | 0.306 | 0.349 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte10ft | arsenic | mg/kg | 46 | 46 | 100 | 0.703 | 5.96 | 3.296 | 1.331 | -- | -- | 3.625 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 367 249th st | lte10ft | bap teq | mg/kg | 46 | 46 | 100 | 0.00249 | 1.128 | 0.121 | 0.215 | -- | -- | 0.202 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte10ft | benzene | µg/kg | 20 | 46 | 43 | 0.12 | 14 | 1.605 | 3.443 | 0.098 | 20 | 1.512 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte10ft | benzo (a) anthracene | mg/kg | 46 | 46 | 100 | 0.0021 | 0.71 | 0.0971 | 0.142 | -- | -- | 0.184 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte10ft | benzo (a) pyrene | mg/kg | 45 | 46 | 98 | 0.0023 | 0.85 | 0.0926 | 0.159 | 0.002 | 0.002 | 0.192 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 43 | 46 | 93 | 0.0016 | 1.2 | 0.0718 | 0.203 | 0.0014 | 0.0014 | 0.194 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 11 | 46 | 24 | 0.0017 | 0.49 | 0.0638 | 0.143 | 0.0011 | 0.23 | 0.0657 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte10ft | cadmium | mg/kg | 19 | 46 | 41 | 0.12 | 0.322 | 0.165 | 0.0464 | 0.0883 | 0.0883 | 0.152 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte10ft | chrysene | mg/kg | 46 | 46 | 100 | 0.0046 | 1.2 | 0.226 | 0.265 | -- | -- | 0.3 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte10ft | cobalt | mg/kg | 46 | 46 | 100 | 2.19 | 8.52 | 6.271 | 1.198 | -- | -- | 6.568 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte10ft | copper | mg/kg | 46 | 46 | 100 | 2.88 | 12.8 | 8.939 | 1.939 | -- | -- | 9.419 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 29 | 46 | 63 | 0.0012 | 0.19 | 0.02 | 0.0348 | 0.0027 | 0.13 | 0.0216 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 367 249th st | lte10ft | ethylbenzene | µg/kg | 19 | 46 | 41 | 0.14 | 190 | 42.71 | 63.29 | 0.11 | 0.15 | 29.12 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 34 | 46 | 74 | 0.0017 | 0.51 | 0.0401 | 0.0997 | 0.0035 | 0.17 | 0.0872 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte10ft | lead | mg/kg | 46 | 46 | 100 | 3.1 | 67.7 | 11.83 | 12 | -- | -- | 19.54 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte10ft | naphthalene | mg/kg | 30 | 46 | 65 | 0.00056 | 1.5 | 0.25 | 0.396 | 0.00026 | 0.00081 | 0.383 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 367 249th st | lte10ft | pyrene | mg/kg | 46 | 46 | 100 | 0.004 | 2.3 | 0.29 | 0.448 | -- | -- | 0.41 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte10ft | toluene | µg/kg | 13 | 46 | 28 | 0.13 | 0.66 | 0.261 | 0.15 | 0.11 | 29 | 0.221 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte10ft | tph as diesel | mg/kg | 45 | 46 | 98 | 15 | 6500 | 971.2 | 1349 | 4.8 | 4.8 | 1813 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte10ft | tph as gasoline | mg/kg | 23 | 46 | 50 | 0.072 | 220 | 34.23 | 57.15 | 0.045 | 0.08 | 45.45 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte10ft | tph as motor oil | mg/kg | 45 | 46 | 98 | 60 | 7300 | 1605 | 1817 | 7 | 7 | 2736 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 367 249th st | lte10ft | vanadium | mg/kg | 46 | 46 | 100 | 6.71 | 32.4 | 23.16 | 4.919 | -- | -- | 24.38 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 367 249th st | lte10ft | xylenes, total | µg/kg | 17 | 46 | 37 | 0.2 | 93 | 21.11 | 27.52 | 0.15 | 18 | 12.82 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 367 249th st | lte10ft | zinc | mg/kg | 46 | 46 | 100 | 19.7 | 339 | 36.76 | 45.92 | -- | -- | 49.24 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 9 | 12 | 75 | 0.25 | 14000 | 2070 | 4725 | 0.086 | 0.091 | 6838 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 12 | 58 | 0.12 | 5600 | 1072 | 2119 | 0.073 | 0.081 | 2784 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 10 | 12 | 83 | 0.0015 | 3 | 0.372 | 0.938 | 0.0011 | 0.0011 | 1.402 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 368 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.001 | 5.1 | 0.564 | 1.525 | 0.0006 | 0.0006 | 2.365 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 368 249th st | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 1.22 | 3.56 | 2.605 | 0.778 | -- | -- | 3.008 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | bap teq | mg/kg | 12 | 12 | 100 | 0.000603 | 0.028 | 0.0109 | 0.00968 | -- | -- | 0.0159 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | benzene | µg/kg | 5 | 12 | 42 | 0.14 | 420 | 108.1 | 181.9 | 0.099 | 0.11 | 113.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 10 | 12 | 83 | 0.0009 | 0.03 | 0.00974 | 0.00977 | 0.0007 | 0.033 | 0.0217 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 9 | 12 | 75 | 0.0019 | 0.021 | 0.00866 | 0.00634 | 0.0005 | 0.025 | 0.0109 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 10 | 12 | 83 | 0.0007 | 0.011 | 0.00428 | 0.00323 | 0.0004 | 0.018 | 0.00572 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0013 | 0.0038 | 0.0023 | 0.001 | 0.0011 | 0.056 | 0.00261 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | chromium, hexavalent | mg/kg | 6 | 12 | 50 | 0.24 | 0.4 | 0.3 | 0.0576 | 0.22 | 0.22 | 0.304 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0021 | 0.081 | 0.0289 | 0.0279 | -- | -- | 0.0548 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 6.02 | 10.3 | 7.975 | 1.26 | -- | -- | 8.628 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 5.49 | 10.6 | 8.154 | 1.561 | -- | -- | 8.963 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 5 | 12 | 42 | 0.0011 | 0.0024 | 0.0016 | 0.00051478 | 0.0007 | 0.034 | 0.00177 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | ethylbenzene | µg/kg | 6 | 12 | 50 | 0.13 | 4800 | 963.8 | 1920 | 0.11 | 0.12 | 1237 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 12 | 42 | 0.0012 | 0.0043 | 0.00234 | 0.00124 | 0.0009 | 0.043 | 0.00266 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 3.74 | 7.57 | 5.65 | 1.09 | -- | -- | 6.215 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | naphthalene | mg/kg | 11 | 12 | 92 | 0.0021 | 4.8 | 0.562 | 1.458 | 0.00024 | 0.00024 | 2.284 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | gt05lte10ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0035 | 0.06 | 0.0249 | 0.0199 | -- | -- | 0.0352 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | tph as diesel | mg/kg | 11 | 12 | 92 | 9 | 3500 | 469.7 | 1074 | 4.8 | 4.8 | 1736 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | gt05lte10ft | tph as gasoline | mg/kg | 9 | 12 | 75 | 0.055 | 1100 | 123.2 | 366.3 | 0.045 | 0.05 | 497.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | gt05lte10ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 9.4 | 3800 | 498.5 | 1108 | -- | -- | 1893 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 18.2 | 36.3 | 28.09 | 6.087 | -- | -- | 31.25 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | gt05lte10ft | xylenes, total | µg/kg | 8 | 12 | 67 | 0.22 | 24000 | 3950 | 8527 | 0.15 | 0.16 | 11745 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 19.4 | 33.5 | 27.43 | 4.086 | -- | -- | 29.54 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 24 | 29 | 0.11 | 0.45 | 0.277 | 0.131 | 0.088 | 0.12 | 0.267 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | lte02ft | 1-methylnaphthalene | mg/kg | 16 | 24 | 67 | 0.0011 | 0.02 | 0.00601 | 0.00565 | 0.0011 | 0.011 | 0.00653 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 24 | 24 | 100 | 0.0019 | 0.065 | 0.0132 | 0.0157 | -- | -- | 0.0208 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte02ft | arsenic | mg/kg | 24 | 24 | 100 | 1.08 | 7.22 | 2.624 | 1.255 | -- | -- | 3.054 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00342 | 0.191 | 0.0411 | 0.0487 | -- | -- | 0.0604 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | benzene | µg/kg | 13 | 24 | 54 | 0.11 | 0.42 | 0.204 | 0.107 | 0.1 | 0.13 | 0.196 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte02ft | benzo (a) anthracene | mg/kg | 22 | 24 | 92 | 0.0027 | 0.24 | 0.0366 | 0.0566 | 0.0026 | 0.0026 | 0.0827 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte02ft | benzo (a) pyrene | mg/kg | 24 | 24 | 100 | 0.0026 | 0.13 | 0.0309 | 0.034 | -- | -- | 0.0449 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 22 | 24 | 92 | 0.0013 | 0.09 | 0.0197 | 0.0241 | 0.0014 | 0.0014 | 0.0391 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 15 | 24 | 63 | 0.0014 | 0.044 | 0.0133 | 0.0125 | 0.0011 | 0.011 | 0.0134 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | cadmium | mg/kg | 6 | 24 | 25 | 0.0971 | 0.325 | 0.157 | 0.0856 | 0.0883 | 0.0883 | 0.13 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 368 249th st | lte02ft | chrysene | mg/kg | 23 | 24 | 96 | 0.0075 | 0.65 | 0.102 | 0.153 | 0.0047 | 0.0047 | 0.232 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte02ft | cobalt | mg/kg | 24 | 24 | 100 | 5.65 | 11.2 | 6.702 | 1.231 | -- | -- | 7.155 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte02ft | copper | mg/kg | 24 | 24 | 100 | 6.04 | 13.9 | 9.227 | 2.003 | -- | -- | 9.927 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 10 | 24 | 42 | 0.0012 | 0.043 | 0.0132 | 0.0143 | 0.0007 | 0.0067 | 0.0101 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 19 | 24 | 79 | 0.0011 | 0.044 | 0.0124 | 0.0142 | 0.0035 | 0.0087 | 0.0221 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | lead | mg/kg | 24 | 24 | 100 | 3.6 | 21 | 10.98 | 5.595 | -- | -- | 13.32 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | naphthalene | mg/kg | 22 | 24 | 92 | 0.00028 | 0.031 | 0.0074 | 0.00769 | 0.00025 | 0.00028 | 0.0136 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0041 | 0.42 | 0.0606 | 0.108 | -- | -- | 0.156 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte02ft | toluene | µg/kg | 11 | 24 | 46 | 0.12 | 0.63 | 0.249 | 0.161 | 0.11 | 0.14 | 0.228 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte02ft | tph as diesel | mg/kg | 24 | 24 | 100 | 30 | 1300 | 272.3 | 330.5 | -- | -- | 566.3 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte02ft | tph as gasoline | mg/kg | 8 | 24 | 33 | 0.057 | 1.2 | 0.307 | 0.444 | 0.046 | 0.061 | 0.26 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte02ft | tph as motor oil | mg/kg | 24 | 24 | 100 | 95 | 3500 | 734.8 | 847 | -- | -- | 1488 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte02ft | vanadium | mg/kg | 24 | 24 | 100 | 17 | 33.9 | 23.48 | 4.584 | -- | -- | 25.11 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte02ft | zinc | mg/kg | 24 | 24 | 100 | 21.1 | 48.8 | 30.93 | 6.681 | -- | -- | 33.27 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 22 | 43 | 51 | 0.11 | 24000 | 2157 | 6759 | 0.088 | 9.5 | 4400 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 14 | 43 | 33 | 0.098 | 10000 | 1363 | 3395 | 0.074 | 8 | 1805 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 33 | 43 | 77 | 0.0011 | 18 | 1.833 | 4.129 | 0.0011 | 0.011 | 3.867 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 43 | 43 | 100 | 0.0014 | 28 | 1.895 | 5.601 | -- | -- | 5.618 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | arsenic | mg/kg | 43 | 43 | 100 | 0.937 | 7.22 | 2.143 | 1.152 | -- | -- | 2.422 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 368 249th st | lte05ft | bap teq | mg/kg | 42 | 43 | 98 | 0.000887 | 7.213 | 0.363 | 1.363 | 0.103 | 0.103 | 1.251 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | benzene | µg/kg | 29 | 43 | 67 | 0.11 | 950 | 68.15 | 241.7 | 0.1 | 11 | 179.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | benzo (a) anthracene | mg/kg | 38 | 43 | 88 | 0.0019 | 4.6 | 0.312 | 1.043 | 0.0007 | 0.13 | 0.931 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | benzo (a) pyrene | mg/kg | 40 | 43 | 93 | 0.0006 | 6 | 0.293 | 1.113 | 0.099 | 0.099 | 0.989 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 35 | 43 | 81 | 0.0012 | 3.3 | 0.2 | 0.716 | 0.0004 | 0.07 | 0.596 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 24 | 43 | 56 | 0.0011 | 1.4 | 0.129 | 0.377 | 0.0011 | 0.23 | 0.266 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 368 249th st | lte05ft | cadmium | mg/kg | 8 | 43 | 19 | 0.0971 | 0.325 | 0.153 | 0.0763 | 0.0883 | 0.0883 | 0.118 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte05ft | chrysene | mg/kg | 41 | 43 | 95 | 0.0013 | 12 | 0.782 | 2.621 | 0.0047 | 0.24 | 2.452 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte05ft | cobalt | mg/kg | 43 | 43 | 100 | 4.61 | 11.2 | 6.244 | 1.137 | -- | -- | 6.546 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | copper | mg/kg | 43 | 43 | 100 | 5.67 | 13.9 | 8.687 | 2.013 | -- | -- | 9.206 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 15 | 43 | 35 | 0.0012 | 0.92 | 0.0809 | 0.235 | 0.0007 | 0.54 | 0.126 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte05ft | ethylbenzene | µg/kg | 16 | 43 | 37 | 0.16 | 8100 | 862.9 | 2336 | 0.12 | 13 | 1311 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 27 | 43 | 63 | 0.0011 | 1.5 | 0.097 | 0.311 | 0.0009 | 0.17 | 0.229 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | lead | mg/kg | 43 | 43 | 100 | 2.85 | 144 | 13.33 | 22.67 | -- | -- | 28.4 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | naphthalene | mg/kg | 40 | 43 | 93 | 0.00028 | 10 | 0.784 | 2.207 | 0.00025 | 0.0036 | 2.15 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | pyrene | mg/kg | 43 | 43 | 100 | 0.001 | 54 | 1.732 | 8.293 | -- | -- | 7.244 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte05ft | toluene | µg/kg | 18 | 43 | 42 | 0.12 | 490 | 54.16 | 156.7 | 0.11 | 12 | 92.58 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | tph as diesel | mg/kg | 41 | 43 | 95 | 12 | 16000 | 1844 | 3989 | 4.8 | 4.8 | 4362 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte05ft | tph as gasoline | mg/kg | 24 | 43 | 56 | 0.057 | 1800 | 290 | 564.3 | 0.046 | 0.42 | 458.7 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | tph as motor oil | mg/kg | 42 | 43 | 98 | 12 | 20000 | 2375 | 4476 | 7 | 7 | 5270 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | vanadium | mg/kg | 43 | 43 | 100 | 15.9 | 33.9 | 21.82 | 4.621 | -- | -- | 23.03 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | xylenes, total | µg/kg | 17 | 43 | 40 | 0.23 | 47000 | 5130 | 14495 | 0.15 | 16 | 8326 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte05ft | zinc | mg/kg | 43 | 43 | 100 | 18.8 | 50.3 | 28.63 | 7.635 | -- | -- | 30.61 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 31 | 55 | 56 | 0.11 | 24000 | 2132 | 6159 | 0.086 | 9.5 | 3992 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 21 | 55 | 38 | 0.098 | 10000 | 1266 | 2976 | 0.073 | 8 | 1626 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 43 | 55 | 78 | 0.0011 | 18 | 1.493 | 3.684 | 0.0011 | 0.011 | 3.117 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 54 | 55 | 98 | 0.001 | 28 | 1.624 | 5.059 | 0.0006 | 0.0006 | 4.543 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | arsenic | mg/kg | 55 | 55 | 100 | 0.937 | 7.22 | 2.244 | 1.092 | -- | -- | 2.486 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte10ft | bap teq | mg/kg | 54 | 55 | 98 | 0.000603 | 7.213 | 0.285 | 1.208 | 0.103 | 0.103 | 0.984 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte10ft | benzene | µg/kg | 34 | 55 | 62 | 0.11 | 950 | 74.02 | 231.9 | 0.099 | 11 | 155.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | benzo (a) anthracene | mg/kg | 48 | 55 | 87 | 0.0009 | 4.6 | 0.249 | 0.933 | 0.0007 | 0.13 | 0.733 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | benzo (a) pyrene | mg/kg | 49 | 55 | 89 | 0.0006 | 6 | 0.241 | 1.009 | 0.0005 | 0.099 | 0.778 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 45 | 55 | 82 | 0.0007 | 3.3 | 0.156 | 0.635 | 0.0004 | 0.07 | 0.468 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 30 | 55 | 55 | 0.0011 | 1.4 | 0.104 | 0.34 | 0.0011 | 0.23 | 0.209 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | cadmium | mg/kg | 8 | 55 | 15 | 0.0971 | 0.325 | 0.153 | 0.0763 | 0.0883 | 0.0883 | 0.113 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 368 249th st | lte10ft | chromium, hexavalent | mg/kg | 9 | 55 | 16 | 0.24 | 0.4 | 0.301 | 0.0462 | 0.22 | 0.22 | 0.289 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | lte10ft | chrysene | mg/kg | 53 | 55 | 96 | 0.0013 | 12 | 0.612 | 2.321 | 0.0047 | 0.24 | 1.931 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte10ft | cobalt | mg/kg | 55 | 55 | 100 | 4.61 | 11.2 | 6.622 | 1.36 | -- | -- | 6.934 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | copper | mg/kg | 55 | 55 | 100 | 5.49 | 13.9 | 8.571 | 1.923 | -- | -- | 9.005 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 368 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 20 | 55 | 36 | 0.0011 | 0.92 | 0.0611 | 0.205 | 0.0007 | 0.54 | 0.098 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | ethylbenzene | µg/kg | 22 | 55 | 40 | 0.13 | 8100 | 890.5 | 2186 | 0.11 | 13 | 1210 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 32 | 55 | 58 | 0.0011 | 1.5 | 0.0822 | 0.287 | 0.0009 | 0.17 | 0.18 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | lead | mg/kg | 55 | 55 | 100 | 2.85 | 144 | 11.66 | 20.26 | -- | -- | 23.56 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | naphthalene | mg/kg | 51 | 55 | 93 | 0.00028 | 10 | 0.736 | 2.057 | 0.00024 | 0.0036 | 1.852 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | pyrene | mg/kg | 55 | 55 | 100 | 0.001 | 54 | 1.359 | 7.349 | -- | -- | 5.678 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | toluene | µg/kg | 22 | 55 | 40 | 0.12 | 490 | 54.48 | 143.6 | 0.11 | 12 | 77.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | tph as diesel | mg/kg | 52 | 55 | 95 | 9 | 16000 | 1554 | 3610 | 4.8 | 4.8 | 3543 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | tph as gasoline | mg/kg | 33 | 55 | 60 | 0.055 | 1800 | 244.5 | 517.8 | 0.045 | 0.42 | 393 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | tph as motor oil | mg/kg | 54 | 55 | 98 | 9.4 | 20000 | 1958 | 4046 | 7 | 7 | 4284 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 368 249th st | lte10ft | vanadium | mg/kg | 55 | 55 | 100 | 15.9 | 36.3 | 23.19 | 5.567 | -- | -- | 24.46 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | xylenes, total | µg/kg | 25 | 55 | 45 | 0.22 | 47000 | 4752 | 12712 | 0.15 | 16 | 7394 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 368 249th st | lte10ft | zinc | mg/kg | 55 | 55 | 100 | 18.8 | 50.3 | 28.37 | 7 | -- | -- | 29.95 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 12 | 92 | 0.3 | 1900 | 463.5 | 701.6 | 0.56 | 0.56 | 1287 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 12 | 67 | 0.091 | 380 | 101.5 | 139 | 0.077 | 0.53 | 139.4 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.14 | 8.6 | 2.55 | 2.781 | 0.005 | 0.005 | 5.813 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.009 | 13 | 3.226 | 4.155 | -- | -- | 7.925 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | arsenic | mg/kg | 12 | 12 | 100 | 0.964 | 3.18 | 2.127 | 0.865 | -- | -- | 2.575 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | gt05lte10ft | bap teq | mg/kg | 12 | 12 | 100 | 0.0254 | 0.664 | 0.186 | 0.17 | -- | -- | 0.299 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | benzene | µg/kg | 9 | 12 | 75 | 0.29 | 75 | 18.89 | 30.47 | 0.11 | 11 | 49.17 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.034 | 1 | 0.319 | 0.313 | -- | -- | 0.568 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 10 | 12 | 83 | 0.018 | 0.46 | 0.133 | 0.125 | 0.039 | 0.099 | 0.189 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 6 | 12 | 50 | 0.0092 | 0.3 | 0.0854 | 0.107 | 0.0035 | 0.1 | 0.098 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | cadmium | mg/kg | 5 | 12 | 42 | 0.0883 | 0.385 | 0.28 | 0.112 | 0.0883 | 0.0883 | 0.322 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | gt05lte10ft | chrysene | mg/kg | 12 | 12 | 100 | 0.069 | 3.3 | 0.937 | 1.106 | -- | -- | 1.711 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | cobalt | mg/kg | 12 | 12 | 100 | 5.33 | 8.26 | 6.278 | 0.924 | -- | -- | 6.756 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 373 249th st | gt05lte10ft | copper | mg/kg | 12 | 12 | 100 | 7.47 | 10.7 | 8.531 | 1.037 | -- | -- | 9.081 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 373 249th st | gt05lte10ft | ethylbenzene | µg/kg | 10 | 12 | 83 | 0.78 | 630 | 149.9 | 226.6 | 0.12 | 0.15 | 395.5 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 5 | 12 | 42 | 0.0066 | 0.17 | 0.0535 | 0.0667 | 0.0087 | 0.17 | 0.059 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | lead | mg/kg | 12 | 12 | 100 | 4.87 | 23.1 | 9.608 | 6.323 | -- | -- | 17.56 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | gt05lte10ft | naphthalene | mg/kg | 12 | 12 | 100 | 0.0084 | 5.3 | 1.126 | 1.605 | -- | -- | 2.737 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | pyrene | mg/kg | 12 | 12 | 100 | 0.035 | 4.2 | 1.255 | 1.326 | -- | -- | 2.318 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | tph as diesel | mg/kg | 12 | 12 | 100 | 31 | 9300 | 3036 | 2607 | -- | -- | 4388 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | gt05lte10ft | tph as gasoline | mg/kg | 11 | 12 | 92 | 0.1 | 190 | 18.66 | 56.86 | 0.047 | 0.047 | 85.95 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | gt05lte10ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 98 | 9200 | 4016 | 2958 | -- | -- | 5549 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | gt05lte10ft | vanadium | mg/kg | 12 | 12 | 100 | 16.2 | 31.4 | 22.41 | 5.106 | -- | -- | 25.06 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | gt05lte10ft | xylenes, total | µg/kg | 10 | 12 | 83 | 0.83 | 660 | 165 | 259.4 | 0.16 | 0.54 | 446.4 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | gt05lte10ft | zinc | mg/kg | 12 | 12 | 100 | 23.8 | 47.7 | 30.62 | 6.916 | -- | -- | 34.29 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 17 | 47 | 0.0029 | 0.011 | 0.00798 | 0.00297 | 0.0054 | 0.043 | 0.00834 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 17 | 82 | 0.0049 | 0.042 | 0.0174 | 0.0112 | 0.012 | 0.024 | 0.0205 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte02ft | arsenic | mg/kg | 16 | 17 | 94 | 1.14 | 5.06 | 2.523 | 0.946 | 0.398 | 0.398 | 2.855 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte02ft | bap teq | mg/kg | 17 | 17 | 100 | 0.00728 | 0.187 | 0.0468 | 0.0465 | -- | -- | 0.0743 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte02ft | benzene | µg/kg | 13 | 17 | 76 | 0.12 | 0.55 | 0.315 | 0.143 | 0.11 | 0.14 | 0.334 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte02ft | benzo (a) anthracene | mg/kg | 17 | 17 | 100 | 0.0079 | 0.12 | 0.0376 | 0.0291 | -- | -- | 0.0512 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte02ft | benzo (a) pyrene | mg/kg | 15 | 17 | 88 | 0.0096 | 0.14 | 0.0394 | 0.0364 | 0.0049 | 0.0099 | 0.0735 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 14 | 17 | 82 | 0.0071 | 0.12 | 0.0251 | 0.0291 | 0.0028 | 0.007 | 0.0346 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 373 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 10 | 17 | 59 | 0.0047 | 0.094 | 0.0214 | 0.0281 | 0.0045 | 0.023 | 0.0251 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte02ft | cadmium | mg/kg | 7 | 17 | 41 | 0.0901 | 0.563 | 0.399 | 0.149 | 0.0883 | 0.0883 | 0.446 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte02ft | chrysene | mg/kg | 17 | 17 | 100 | 0.032 | 0.34 | 0.101 | 0.0849 | -- | -- | 0.139 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte02ft | cobalt | mg/kg | 17 | 17 | 100 | 4.2 | 6.91 | 5.998 | 0.826 | -- | -- | 6.388 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 373 249th st | lte02ft | copper | mg/kg | 17 | 17 | 100 | 6.63 | 23.3 | 12.15 | 5.406 | -- | -- | 14.49 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 9 | 17 | 53 | 0.003 | 0.023 | 0.00706 | 0.00622 | 0.0034 | 0.027 | 0.00798 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 17 | 65 | 0.0052 | 0.098 | 0.0165 | 0.0274 | 0.0043 | 0.017 | 0.0231 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte02ft | lead | mg/kg | 17 | 17 | 100 | 4.01 | 31.1 | 15.64 | 9.67 | -- | -- | 21.03 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 373 249th st | lte02ft | naphthalene | mg/kg | 10 | 17 | 59 | 0.0041 | 0.038 | 0.0184 | 0.0123 | 0.00027 | 0.00033 | 0.018 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte02ft | pyrene | mg/kg | 17 | 17 | 100 | 0.018 | 0.34 | 0.0776 | 0.0913 | -- | -- | 0.174 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte02ft | toluene | µg/kg | 14 | 17 | 82 | 0.12 | 2.8 | 0.545 | 0.675 | 0.12 | 0.13 | 0.795 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 373 249th st | lte02ft | tph as diesel | mg/kg | 17 | 17 | 100 | 8.2 | 720 | 162.5 | 208.8 | -- | -- | 277.8 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte02ft | tph as gasoline | mg/kg | 7 | 17 | 41 | 0.055 | 0.25 | 0.123 | 0.062 | 0.049 | 0.059 | 0.122 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte02ft | tph as motor oil | mg/kg | 17 | 17 | 100 | 40 | 2800 | 500 | 683.8 | -- | -- | 835.4 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte02ft | vanadium | mg/kg | 17 | 17 | 100 | 14.3 | 25.9 | 20.89 | 3.676 | -- | -- | 22.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte02ft | zinc | mg/kg | 17 | 17 | 100 | 23.2 | 105 | 45.92 | 23.25 | -- | -- | 56.68 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 30 | 27 | 0.095 | 0.54 | 0.276 | 0.132 | 0.087 | 0.62 | 0.249 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 19 | 30 | 63 | 0.0024 | 6.7 | 0.465 | 1.533 | 0.005 | 0.043 | 1.284 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 27 | 30 | 90 | 0.0049 | 9.4 | 0.464 | 1.814 | 0.012 | 0.024 | 1.793 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte05ft | arsenic | mg/kg | 29 | 30 | 97 | 0.504 | 5.06 | 2.222 | 0.963 | 0.398 | 0.398 | 2.483 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte05ft | bap teq | mg/kg | 30 | 30 | 100 | 0.00728 | 0.247 | 0.0521 | 0.0524 | -- | -- | 0.0717 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte05ft | benzene | µg/kg | 16 | 30 | 53 | 0.11 | 0.55 | 0.299 | 0.15 | 0.099 | 0.14 | 0.257 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte05ft | benzo (a) anthracene | mg/kg | 29 | 30 | 97 | 0.0079 | 0.19 | 0.05 | 0.0386 | 0.052 | 0.052 | 0.0796 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte05ft | benzo (a) pyrene | mg/kg | 25 | 30 | 83 | 0.0078 | 0.21 | 0.045 | 0.0455 | 0.0049 | 0.039 | 0.0741 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 22 | 30 | 73 | 0.0054 | 0.12 | 0.0226 | 0.0234 | 0.0028 | 0.028 | 0.0268 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 17 | 30 | 57 | 0.0022 | 0.094 | 0.0165 | 0.0222 | 0.0045 | 0.09 | 0.018 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte05ft | cadmium | mg/kg | 10 | 30 | 33 | 0.0901 | 0.563 | 0.375 | 0.128 | 0.0883 | 0.0883 | 0.359 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte05ft | chrysene | mg/kg | 30 | 30 | 100 | 0.032 | 0.88 | 0.164 | 0.169 | -- | -- | 0.216 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte05ft | cobalt | mg/kg | 30 | 30 | 100 | 4.2 | 6.91 | 6.088 | 0.687 | -- | -- | 6.321 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 373 249th st | lte05ft | copper | mg/kg | 30 | 30 | 100 | 6.63 | 23.3 | 10.29 | 4.639 | -- | -- | 11.77 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 15 | 30 | 50 | 0.0017 | 0.023 | 0.00671 | 0.00505 | 0.0034 | 0.054 | 0.0069 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 30 | 60 | 0.0032 | 0.098 | 0.014 | 0.0214 | 0.0043 | 0.069 | 0.0168 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte05ft | lead | mg/kg | 30 | 30 | 100 | 4.01 | 31.1 | 11.99 | 8.751 | -- | -- | 18.95 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte05ft | naphthalene | mg/kg | 20 | 30 | 67 | 0.0041 | 2.9 | 0.194 | 0.65 | 0.00027 | 0.00071 | 0.56 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte05ft | pyrene | mg/kg | 30 | 30 | 100 | 0.014 | 1.1 | 0.162 | 0.223 | -- | -- | 0.281 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte05ft | toluene | µg/kg | 15 | 30 | 50 | 0.12 | 2.8 | 0.527 | 0.654 | 0.11 | 0.54 | 0.487 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 373 249th st | lte05ft | tph as diesel | mg/kg | 30 | 30 | 100 | 8.2 | 3900 | 455.9 | 770.4 | -- | -- | 1069 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte05ft | tph as gasoline | mg/kg | 13 | 30 | 43 | 0.055 | 5.5 | 0.612 | 1.477 | 0.04 | 0.067 | 0.821 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte05ft | tph as motor oil | mg/kg | 30 | 30 | 100 | 40 | 4400 | 779.5 | 998.2 | -- | -- | 1579 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 373 249th st | lte05ft | vanadium | mg/kg | 30 | 30 | 100 | 14.3 | 25.9 | 20.94 | 3.086 | -- | -- | 21.89 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte05ft | zinc | mg/kg | 30 | 30 | 100 | 22.1 | 105 | 37.37 | 20.06 | -- | -- | 43.81 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 42 | 45 | 0.095 | 1900 | 268.4 | 573.3 | 0.087 | 0.62 | 396.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 42 | 19 | 0.091 | 380 | 101.5 | 139 | 0.072 | 0.58 | 38.67 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 30 | 42 | 71 | 0.0024 | 8.6 | 1.229 | 2.274 | 0.005 | 0.043 | 2.226 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 39 | 42 | 93 | 0.0049 | 13 | 1.314 | 2.986 | 0.012 | 0.024 | 3.169 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | arsenic | mg/kg | 41 | 42 | 98 | 0.504 | 5.06 | 2.194 | 0.926 | 0.398 | 0.398 | 2.405 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte10ft | bap teq | mg/kg | 42 | 42 | 100 | 0.00728 | 0.664 | 0.0904 | 0.116 | -- | -- | 0.168 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | benzene | µg/kg | 25 | 42 | 60 | 0.11 | 75 | 6.993 | 19.81 | 0.099 | 11 | 14.75 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | benzo (a) anthracene | mg/kg | 41 | 42 | 98 | 0.0079 | 1 | 0.129 | 0.208 | 0.052 | 0.052 | 0.265 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte10ft | benzo (a) pyrene | mg/kg | 35 | 42 | 83 | 0.0078 | 0.46 | 0.0701 | 0.0848 | 0.0049 | 0.099 | 0.115 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 42 | 67 | 0.0054 | 0.3 | 0.036 | 0.057 | 0.0028 | 0.1 | 0.0419 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 20 | 42 | 48 | 0.0022 | 0.11 | 0.0225 | 0.0294 | 0.0035 | 0.23 | 0.0216 | 95% KM (% Bootstrap) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte10ft | cadmium | mg/kg | 15 | 42 | 36 | 0.0883 | 0.563 | 0.343 | 0.127 | 0.0883 | 0.0883 | 0.333 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte10ft | chrysene | mg/kg | 42 | 42 | 100 | 0.032 | 3.3 | 0.385 | 0.688 | -- | -- | 0.848 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | cobalt | mg/kg | 42 | 42 | 100 | 4.2 | 8.26 | 6.142 | 0.755 | -- | -- | 6.347 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte10ft | copper | mg/kg | 42 | 42 | 100 | 6.63 | 23.3 | 9.789 | 4.02 | -- | -- | 10.87 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 19 | 42 | 45 | 0.0017 | 0.089 | 0.012 | 0.0198 | 0.0034 | 0.13 | 0.0123 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | ethylbenzene | µg/kg | 13 | 42 | 31 | 0.14 | 630 | 115.3 | 206.9 | 0.12 | 0.16 | 121.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 373 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 23 | 42 | 55 | 0.0032 | 0.17 | 0.0226 | 0.0379 | 0.0043 | 0.17 | 0.0246 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | lead | mg/kg | 42 | 42 | 100 | 4.01 | 31.1 | 11.31 | 8.128 | -- | -- | 16.77 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | methylene chloride | µg/kg | 6 | 42 | 14 | 2.2 | 3.7 | 2.867 | 0.565 | 1.1 | 490 | 3.2 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 373 249th st | lte10ft | naphthalene | mg/kg | 32 | 42 | 76 | 0.0041 | 5.3 | 0.544 | 1.176 | 0.00027 | 0.00071 | 1.123 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | pyrene | mg/kg | 42 | 42 | 100 | 0.014 | 4.2 | 0.474 | 0.87 | -- | -- | 1.059 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | toluene | µg/kg | 19 | 42 | 45 | 0.12 | 18 | 1.412 | 4.06 | 0.11 | 14 | 1.603 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | tph as diesel | mg/kg | 42 | 42 | 100 | 8.2 | 9300 | 1193 | 1907 | -- | -- | 2475 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | tph as gasoline | mg/kg | 24 | 42 | 57 | 0.055 | 190 | 8.884 | 38.62 | 0.04 | 0.067 | 24.96 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | tph as motor oil | mg/kg | 42 | 42 | 100 | 40 | 9200 | 1704 | 2289 | -- | -- | 2439 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 373 249th st | lte10ft | vanadium | mg/kg | 42 | 42 | 100 | 14.3 | 31.4 | 21.36 | 3.766 | -- | -- | 22.36 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 373 249th st | lte10ft | xylenes, total | µg/kg | 13 | 42 | 31 | 0.18 | 660 | 126.9 | 236 | 0.15 | 0.58 | 136.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 373 249th st | lte10ft | zinc | mg/kg | 42 | 42 | 100 | 22.1 | 105 | 35.44 | 17.52 | -- | -- | 40.15 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 32 | 32 | 100 | 0.16 | 2000 | 322.2 | 555.4 | -- | -- | 750.2 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 24 | 32 | 75 | 0.12 | 470 | 94.98 | 142.7 | 0.075 | 7.9 | 171.8 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 30 | 32 | 94 | 0.077 | 70 | 5.415 | 14.44 | 0.011 | 0.043 | 15.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 31 | 32 | 97 | 0.046 | 86 | 6.297 | 17.22 | 0.006 | 0.006 | 19.19 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | antimony | mg/kg | 9 | 32 | 28 | 0.324 | 0.898 | 0.684 | 0.172 | 0.306 | 0.306 | 0.665 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | gt05lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 0.514 | 5.06 | 2.531 | 1.209 | -- | -- | 2.893 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | gt05lte10ft | bap teq | mg/kg | 32 | 32 | 100 | 0.0316 | 22.3 | 1.352 | 4.152 | -- | -- | 4.552 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | benzene | µg/kg | 26 | 32 | 81 | 0.19 | 1000 | 53.21 | 195.2 | 10 | 20 | 180.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 32 | 32 | 100 | 0.027 | 35 | 1.974 | 6.402 | -- | -- | 6.907 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 32 | 32 | 100 | 0.024 | 15 | 0.944 | 2.82 | -- | -- | 3.117 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 32 | 32 | 100 | 0.016 | 8 | 0.532 | 1.573 | -- | -- | 1.744 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 14 | 32 | 44 | 0.019 | 2.2 | 0.193 | 0.578 | 0.011 | 11 | 0.245 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | chrysene | mg/kg | 32 | 32 | 100 | 0.044 | 88 | 4.92 | 16.02 | -- | -- | 17.26 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 2.19 | 10.4 | 7.09 | 1.37 | -- | -- | 7.501 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | copper | mg/kg | 32 | 32 | 100 | 2.42 | 18.7 | 9.28 | 2.989 | -- | -- | 10.2 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 11 | 32 | 34 | 0.0074 | 0.6 | 0.0795 | 0.174 | 0.0027 | 6.7 | 0.0821 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | ethylbenzene | µg/kg | 31 | 32 | 97 | 0.12 | 2100 | 156 | 385.6 | 0.12 | 0.12 | 444.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 32 | 44 | 0.011 | 1.9 | 0.23 | 0.541 | 0.0087 | 8.7 | 0.41 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | lead | mg/kg | 32 | 32 | 100 | 1.83 | 241 | 25.47 | 54.37 | -- | -- | 67.37 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | naphthalene | mg/kg | 32 | 32 | 100 | 0.00085 | 11 | 1.091 | 2.066 | -- | -- | 1.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | gt05lte10ft | pyrene | mg/kg | 32 | 32 | 100 | 0.05 | 240 | 11.34 | 43.01 | -- | -- | 44.47 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | toluene | µg/kg | 19 | 32 | 59 | 0.16 | 98 | 7.564 | 22.98 | 0.11 | 29 | 18.55 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | tph as diesel | mg/kg | 32 | 32 | 100 | 120 | 32000 | 4921 | 8974 | -- | -- | 11836 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | tph as gasoline | mg/kg | 32 | 32 | 100 | 0.22 | 250 | 23.3 | 57.72 | -- | -- | 67.78 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | tph as motor oil | mg/kg | 32 | 32 | 100 | 190 | 51000 | 7204 | 14540 | -- | -- | 18408 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 7.22 | 32.7 | 25.58 | 5.184 | -- | -- | 27.14 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | gt05lte10ft | xylenes, total | µg/kg | 29 | 32 | 91 | 0.44 | 1700 | 193.9 | 417.3 | 0.15 | 16 | 485 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | gt05lte10ft | zinc | mg/kg | 32 | 32 | 100 | 7.78 | 88.2 | 31.65 | 14.1 | -- | -- | 36.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 374 248th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 51 | 22 | 0.13 | 2300 | 209.4 | 693.4 | 0.085 | 0.12 | 249.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte02ft | 1-methylnaphthalene | mg/kg | 14 | 51 | 27 | 0.0013 | 10 | 1.113 | 2.947 | 0.0011 | 0.086 | 1.301 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte02ft | 2-methylnaphthalene | mg/kg | 38 | 51 | 75 | 0.0008 | 7.1 | 0.207 | 1.149 | 0.0024 | 0.048 | 0.764 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte02ft | antimony | mg/kg | 22 | 51 | 43 | 0.312 | 1.21 | 0.568 | 0.252 | 0.306 | 0.306 | 0.472 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | lte02ft | arsenic | mg/kg | 51 | 51 | 100 | 0.638 | 7.46 | 3.333 | 1.508 | -- | -- | 3.687 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | lte02ft | bap teq | mg/kg | 51 | 51 | 100 | 0.00061 | 0.451 | 0.0706 | 0.0968 | -- | -- | 0.0933 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | lte02ft | benzene | µg/kg | 36 | 51 | 71 | 0.12 | 63 | 2.039 | 10.45 | 0.098 | 0.12 | 6.863 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte02ft | benzo (a) anthracene | mg/kg | 46 | 51 | 90 | 0.0009 | 0.48 | 0.0618 | 0.0946 | 0.0026 | 0.052 | 0.112 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte02ft | benzo (a) pyrene | mg/kg | 46 | 51 | 90 | 0.0034 | 0.37 | 0.0607 | 0.08 | 0.0005 | 0.0099 | 0.103 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte02ft | benzo (b) fluoranthene | mg/kg | 37 | 51 | 73 | 0.0018 | 0.17 | 0.0322 | 0.0378 | 0.0004 | 0.028 | 0.0455 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte02ft | benzo (k) fluoranthene | mg/kg | 20 | 51 | 39 | 0.0021 | 0.12 | 0.0212 | 0.0297 | 0.0011 | 0.23 | 0.017 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 374 248th st | lte02ft | cadmium | mg/kg | 17 | 51 | 33 | 0.0884 | 1.88 | 0.35 | 0.437 | 0.0883 | 0.0883 | 0.251 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte02ft | chrysene | mg/kg | 48 | 51 | 94 | 0.0031 | 1.2 | 0.151 | 0.224 | 0.0047 | 0.095 | 0.278 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte02ft | cobalt | mg/kg | 51 | 51 | 100 | 5.19 | 8.41 | 6.815 | 0.588 | -- | -- | 6.954 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | lte02ft | copper | mg/kg | 51 | 51 | 100 | 6.58 | 40.6 | 11.07 | 6.388 | -- | -- | 12.63 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 14 | 51 | 27 | 0.0009 | 0.018 | 0.00766 | 0.00595 | 0.0007 | 0.13 | 0.00512 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 24 | 51 | 47 | 0.001 | 0.099 | 0.0171 | 0.0191 | 0.0009 | 0.17 | 0.0146 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | lte02ft | lead | mg/kg | 51 | 51 | 100 | 4.62 | 67.7 | 11.77 | 11.99 | -- | -- | 19.09 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte02ft | naphthalene | mg/kg | 25 | 51 | 49 | 0.00048 | 2.2 | 0.136 | 0.442 | 0.00025 | 0.00033 | 0.26 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte02ft | pyrene | mg/kg | 50 | 51 | 98 | 0.0037 | 2.8 | 0.221 | 0.547 | 0.065 | 0.065 | 0.548 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte02ft | toluene | µg/kg | 28 | 51 | 55 | 0.13 | 2.7 | 0.566 | 0.615 | 0.11 | 12 | 0.51 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte02ft | tph as diesel | mg/kg | 50 | 51 | 98 | 8.8 | 5300 | 500.3 | 967.3 | 4.8 | 4.8 | 1077 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte02ft | tph as gasoline | mg/kg | 32 | 51 | 63 | 0.05 | 0.74 | 0.217 | 0.196 | 0.046 | 0.066 | 0.202 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte02ft | tph as motor oil | mg/kg | 50 | 51 | 98 | 23 | 5900 | 988.2 | 1317 | 7 | 7 | 1770 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 374 248th st | lte02ft | vanadium | mg/kg | 51 | 51 | 100 | 20.3 | 32.3 | 25.27 | 2.812 | -- | -- | 25.93 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | lte02ft | xylenes, total | µg/kg | 11 | 51 | 22 | 0.18 | 490 | 44.92 | 147.6 | 0.15 | 0.2 | 53.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte02ft | zinc | mg/kg | 51 | 51 | 100 | 23.3 | 180 | 37.99 | 28.02 | -- | -- | 44.9 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 30 | 88 | 34 | 0.13 | 6800 | 519.3 | 1420 | 0.085 | 9.2 | 579.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 15 | 88 | 17 | 0.21 | 570 | 100.6 | 180.6 | 0.072 | 7.8 | 32.24 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | lte05ft | 1-methylnaphthalene | mg/kg | 46 | 88 | 52 | 0.0012 | 19 | 1.579 | 4.054 | 0.0011 | 0.21 | 2.239 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | 2-methylnaphthalene | mg/kg | 71 | 88 | 81 | 0.0008 | 28 | 1.12 | 4.151 | 0.0024 | 0.048 | 2.65 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | antimony | mg/kg | 31 | 88 | 35 | 0.312 | 1.21 | 0.583 | 0.245 | 0.306 | 0.306 | 0.442 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | lte05ft | arsenic | mg/kg | 88 | 88 | 100 | 0.638 | 7.46 | 3.049 | 1.475 | -- | -- | 3.31 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | lte05ft | bap teq | mg/kg | 88 | 88 | 100 | 0.00061 | 7.539 | 0.192 | 0.818 | -- | -- | 0.232 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte05ft | benzene | µg/kg | 59 | 88 | 67 | 0.11 | 120 | 6.865 | 23.18 | 0.098 | 11 | 13.59 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | benzo (a) anthracene | mg/kg | 83 | 88 | 94 | 0.0009 | 12 | 0.284 | 1.358 | 0.0026 | 0.052 | 0.882 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte05ft | benzo (a) pyrene | mg/kg | 80 | 88 | 91 | 0.0014 | 4.8 | 0.145 | 0.548 | 0.0005 | 0.2 | 0.376 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte05ft | benzo (b) fluoranthene | mg/kg | 69 | 88 | 78 | 0.001 | 2.7 | 0.0823 | 0.327 | 0.0004 | 0.14 | 0.201 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte05ft | benzo (k) fluoranthene | mg/kg | 32 | 88 | 36 | 0.0013 | 0.12 | 0.0248 | 0.0285 | 0.0011 | 4.5 | 0.0163 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | lte05ft | cadmium | mg/kg | 19 | 88 | 22 | 0.0884 | 1.88 | 0.324 | 0.419 | 0.0883 | 0.0883 | 0.183 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | chrysene | mg/kg | 85 | 88 | 97 | 0.0031 | 41 | 0.832 | 4.51 | 0.0047 | 0.095 | 2.865 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte05ft | cobalt | mg/kg | 88 | 88 | 100 | 5.19 | 8.67 | 6.966 | 0.655 | -- | -- | 7.082 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | lte05ft | copper | mg/kg | 88 | 88 | 100 | 6.58 | 40.6 | 10.28 | 5.037 | -- | -- | 11.21 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 23 | 88 | 26 | 0.0008 | 0.14 | 0.0198 | 0.0305 | 0.0007 | 2.7 | 0.01 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | lte05ft | ethylbenzene | µg/kg | 27 | 88 | 31 | 0.15 | 1300 | 109.9 | 276 | 0.11 | 12 | 62.41 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 374 248th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 41 | 88 | 47 | 0.0009 | 0.18 | 0.0254 | 0.035 | 0.0009 | 3.5 | 0.0195 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte05ft | lead | mg/kg | 88 | 88 | 100 | 3.99 | 107 | 11.16 | 14.11 | -- | -- | 17.71 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | naphthalene | mg/kg | 58 | 88 | 66 | 0.00044 | 8.2 | 0.517 | 1.468 | 0.00025 | 0.0036 | 0.907 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte05ft | pyrene | mg/kg | 87 | 88 | 99 | 0.0037 | 100 | 1.753 | 10.88 | 0.065 | 0.065 | 6.761 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte05ft | toluene | µg/kg | 45 | 88 | 51 | 0.12 | 37 | 2.091 | 6.731 | 0.11 | 14 | 3.453 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | tph as diesel | mg/kg | 85 | 88 | 97 | 7.7 | 36000 | 1736 | 5394 | 4.8 | 4.8 | 4145 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte05ft | tph as gasoline | mg/kg | 65 | 88 | 74 | 0.05 | 590 | 25.66 | 94.98 | 0.046 | 0.066 | 57.26 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | tph as motor oil | mg/kg | 84 | 88 | 95 | 23 | 59000 | 2696 | 8656 | 7 | 7 | 6513 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte05ft | vanadium | mg/kg | 88 | 88 | 100 | 16.8 | 33.9 | 25.16 | 3.269 | -- | -- | 25.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | lte05ft | xylenes, total | µg/kg | 31 | 88 | 35 | 0.18 | 3400 | 210.4 | 688 | 0.15 | 17 | 269.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte05ft | zinc | mg/kg | 88 | 88 | 100 | 20 | 180 | 33.88 | 22.01 | -- | -- | 37.98 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 62 | 120 | 52 | 0.13 | 6800 | 417.6 | 1061 | 0.085 | 9.2 | 530.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 39 | 120 | 33 | 0.12 | 570 | 97.13 | 156 | 0.072 | 7.9 | 71.51 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | 1-methylnaphthalene | mg/kg | 76 | 120 | 63 | 0.0012 | 70 | 3.094 | 9.697 | 0.0011 | 0.21 | 5.089 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 374 248th st | lte10ft | 2-methylnaphthalene | mg/kg | 102 | 120 | 85 | 0.0008 | 86 | 2.694 | 10.29 | 0.0024 | 0.048 | 6.083 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | antimony | mg/kg | 40 | 120 | 33 | 0.312 | 1.21 | 0.606 | 0.233 | 0.306 | 0.306 | 0.439 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 248th st | lte10ft | arsenic | mg/kg | 120 | 120 | 100 | 0.514 | 7.46 | 2.911 | 1.423 | -- | -- | 3.126 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | lte10ft | bap teq | mg/kg | 120 | 120 | 100 | 0.00061 | 22.3 | 0.502 | 2.29 | -- | -- | 1.413 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | benzene | µg/kg | 85 | 120 | 71 | 0.11 | 1000 | 21.04 | 110.3 | 0.098 | 20 | 52.13 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | benzo (a) anthracene | mg/kg | 115 | 120 | 96 | 0.0009 | 35 | 0.755 | 3.613 | 0.0026 | 0.052 | 2.132 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | benzo (a) pyrene | mg/kg | 112 | 120 | 93 | 0.0014 | 15 | 0.373 | 1.602 | 0.0005 | 0.2 | 0.966 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | benzo (b) fluoranthene | mg/kg | 101 | 120 | 84 | 0.001 | 8 | 0.225 | 0.94 | 0.0004 | 0.14 | 0.535 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | benzo (k) fluoranthene | mg/kg | 46 | 120 | 38 | 0.0013 | 2.2 | 0.076 | 0.321 | 0.0011 | 11 | 0.0724 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte10ft | bis(2-ethylhexyl) phthalate | mg/kg | 5 | 120 | 4.2 | 0.19 | 0.4 | 0.264 | 0.0826 | 0.16 | 33 | 0.238 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | lte10ft | cadmium | mg/kg | 21 | 120 | 18 | 0.0884 | 1.88 | 0.309 | 0.4 | 0.0883 | 0.0883 | 0.162 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | chrysene | mg/kg | 117 | 120 | 98 | 0.0031 | 88 | 1.95 | 9.308 | 0.0047 | 0.095 | 5.561 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | cobalt | mg/kg | 120 | 120 | 100 | 2.19 | 10.4 | 6.999 | 0.898 | -- | -- | 7.135 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | copper | mg/kg | 120 | 120 | 100 | 2.42 | 40.6 | 10.01 | 4.591 | -- | -- | 10.73 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 34 | 120 | 28 | 0.0008 | 0.6 | 0.0391 | 0.103 | 0.0007 | 6.7 | 0.0234 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte10ft | ethylbenzene | µg/kg | 58 | 120 | 48 | 0.12 | 2100 | 134.5 | 336.9 | 0.11 | 12 | 102 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 374 248th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 55 | 120 | 46 | 0.0009 | 1.9 | 0.0775 | 0.282 | 0.0009 | 8.7 | 0.077 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | lead | mg/kg | 120 | 120 | 100 | 1.83 | 241 | 14.97 | 30.92 | -- | -- | 27.28 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | naphthalene | mg/kg | 90 | 120 | 75 | 0.00044 | 11 | 0.721 | 1.716 | 0.00025 | 0.0036 | 1.145 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | pyrene | mg/kg | 119 | 120 | 99 | 0.0037 | 240 | 4.33 | 24.3 | 0.065 | 0.065 | 13.92 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte10ft | tert-butyl alcohol (tba) | µg/kg | 5 | 120 | 4.2 | 13 | 33 | 18.6 | 8.142 | 11 | 2200 | 16.19 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | toluene | µg/kg | 64 | 120 | 53 | 0.12 | 98 | 3.716 | 13.74 | 0.11 | 29 | 6.156 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | tph as diesel | mg/kg | 117 | 120 | 98 | 7.7 | 36000 | 2607 | 6681 | 4.8 | 4.8 | 5172 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte10ft | tph as gasoline | mg/kg | 97 | 120 | 81 | 0.05 | 590 | 24.88 | 84.21 | 0.046 | 0.066 | 50.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | tph as motor oil | mg/kg | 116 | 120 | 97 | 23 | 59000 | 3939 | 10732 | 7 | 7 | 8017 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 248th st | lte10ft | vanadium | mg/kg | 120 | 120 | 100 | 7.22 | 33.9 | 25.27 | 3.853 | -- | -- | 25.85 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 248th st | lte10ft | xylenes, total | µg/kg | 60 | 120 | 50 | 0.18 | 3400 | 202.4 | 568.7 | 0.15 | 17 | 266.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 248th st | lte10ft | zinc | mg/kg | 120 | 120 | 100 | 7.78 | 180 | 33.29 | 20.17 | -- | -- | 36.47 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 8 | 88 | 0.3 | 8300 | 2669 | 3096 | 0.089 | 0.089 | 4378 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.0016 | 14 | 6.134 | 4.903 | 0.0011 | 0.011 | 8.05 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 8 | 88 | 0.0008 | 21 | 8.186 | 7.526 | 0.006 | 0.006 | 12.27 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 0.758 | 3.23 | 1.98 | 0.727 | -- | -- | 2.467 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.000538 | 0.46 | 0.192 | 0.171 | -- | -- | 0.307 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | benzene | µg/kg | 6 | 8 | 75 | 0.15 | 3300 | 1037 | 1203 | 0.1 | 0.1 | 1549 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 7 | 8 | 88 | 0.0065 | 0.78 | 0.296 | 0.272 | 0.0007 | 0.0007 | 0.443 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.0083 | 0.32 | 0.157 | 0.117 | 0.0005 | 0.0005 | 0.221 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.0014 | 1.6 | 0.537 | 0.569 | -- | -- | 0.918 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 6.89 | 9.2 | 8.483 | 0.797 | -- | -- | 9.016 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 6.66 | 11.6 | 9.456 | 1.642 | -- | -- | 10.56 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | ethylbenzene | µg/kg | 5 | 8 | 63 | 74 | 4500 | 2615 | 1887 | 0.11 | 0.12 | 3238 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 4.27 | 6.77 | 6.183 | 0.853 | -- | -- | 6.754 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | gt05lte10ft | naphthalene | mg/kg | 7 | 8 | 88 | 0.0004 | 7 | 3.229 | 2.597 | 0.00025 | 0.00025 | 4.627 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.0011 | 3.5 | 1.164 | 1.259 | -- | -- | 2.007 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | tph as diesel | mg/kg | 7 | 8 | 88 | 16 | 11000 | 5095 | 4084 | 4.8 | 4.8 | 7293 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | tph as gasoline | mg/kg | 5 | 8 | 63 | 79 | 980 | 621.8 | 365.9 | 0.045 | 0.047 | 770 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | tph as motor oil | mg/kg | 7 | 8 | 88 | 51 | 11000 | 5010 | 4035 | 7 | 7 | 7183 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 26.1 | 36.3 | 31.66 | 3.444 | -- | -- | 33.97 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | xylenes, total | µg/kg | 6 | 8 | 75 | 0.17 | 5400 | 2228 | 2196 | 0.15 | 0.15 | 3138 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 25.4 | 37.5 | 31.08 | 4.232 | -- | -- | 33.91 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 12 | 92 | 0.002 | 0.056 | 0.0245 | 0.0179 | 0.048 | 0.048 | 0.0333 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte02ft | arsenic | mg/kg | 11 | 12 | 92 | 0.514 | 3.38 | 1.18 | 0.79 | 0.398 | 0.398 | 1.525 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.00314 | 0.396 | 0.146 | 0.137 | -- | -- | 0.28 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte02ft | benzene | µg/kg | 8 | 12 | 67 | 0.19 | 1.1 | 0.441 | 0.318 | 0.11 | 0.12 | 0.51 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0033 | 0.29 | 0.103 | 0.0811 | -- | -- | 0.145 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte02ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.0023 | 0.28 | 0.105 | 0.0974 | -- | -- | 0.155 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 12 | 100 | 0.0015 | 0.28 | 0.0816 | 0.0886 | -- | -- | 0.166 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 5 | 12 | 42 | 0.0039 | 0.24 | 0.0948 | 0.0895 | 0.0011 | 0.045 | 0.106 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte02ft | cadmium | mg/kg | 5 | 12 | 42 | 0.0981 | 0.333 | 0.208 | 0.113 | 0.0883 | 0.0883 | 0.214 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.0086 | 0.78 | 0.293 | 0.244 | -- | -- | 0.527 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 374 249th st | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.43 | 6.85 | 6.132 | 0.41 | -- | -- | 6.344 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte02ft | copper | mg/kg | 12 | 12 | 100 | 6.81 | 14.1 | 9.329 | 2.548 | -- | -- | 10.73 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 12 | 58 | 0.0034 | 0.078 | 0.0362 | 0.0266 | 0.0007 | 0.027 | 0.0393 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 9 | 12 | 75 | 0.001 | 0.33 | 0.0873 | 0.111 | 0.017 | 0.035 | 0.197 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte02ft | lead | mg/kg | 12 | 12 | 100 | 4.26 | 32.9 | 13.13 | 10.33 | -- | -- | 19.79 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 374 249th st | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.0041 | 0.54 | 0.195 | 0.182 | -- | -- | 0.289 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte02ft | toluene | µg/kg | 9 | 12 | 75 | 0.14 | 0.62 | 0.266 | 0.15 | 0.12 | 0.13 | 0.308 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte02ft | tph as diesel | mg/kg | 11 | 12 | 92 | 29 | 860 | 267.5 | 303.2 | 4.8 | 4.8 | 623 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 11 | 2000 | 569.2 | 681.4 | -- | -- | 1147 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 17.2 | 22.7 | 20.08 | 1.821 | -- | -- | 21.03 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 21.7 | 47.5 | 31.26 | 8.874 | -- | -- | 35.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 19 | 26 | 0.18 | 18000 | 3646 | 8025 | 0.09 | 0.1 | 2746 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 9 | 19 | 47 | 0.0013 | 6.4 | 1.046 | 2.208 | 0.0011 | 0.086 | 2.114 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 18 | 19 | 95 | 0.0014 | 11 | 0.877 | 2.719 | 0.048 | 0.048 | 3.486 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte05ft | antimony | mg/kg | 5 | 19 | 26 | 0.313 | 0.402 | 0.358 | 0.0345 | 0.306 | 0.306 | 0.371 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte05ft | arsenic | mg/kg | 16 | 19 | 84 | 0.514 | 3.38 | 1.022 | 0.691 | 0.398 | 0.398 | 1.233 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 374 249th st | lte05ft | bap teq | mg/kg | 18 | 19 | 95 | 0.00116 | 0.396 | 0.124 | 0.13 | 0.103 | 0.103 | 0.248 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | benzene | µg/kg | 12 | 19 | 63 | 0.13 | 620 | 53.99 | 178.4 | 0.1 | 0.12 | 178.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte05ft | benzo (a) anthracene | mg/kg | 18 | 19 | 95 | 0.0007 | 0.49 | 0.107 | 0.122 | 0.13 | 0.13 | 0.225 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | benzo (a) pyrene | mg/kg | 18 | 19 | 95 | 0.0008 | 0.28 | 0.0883 | 0.0925 | 0.099 | 0.099 | 0.177 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 18 | 19 | 95 | 0.0006 | 0.28 | 0.0637 | 0.0785 | 0.07 | 0.07 | 0.139 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 19 | 37 | 0.0039 | 0.24 | 0.0701 | 0.0844 | 0.0011 | 0.23 | 0.062 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte05ft | cadmium | mg/kg | 6 | 19 | 32 | 0.0981 | 0.333 | 0.19 | 0.111 | 0.0883 | 0.0883 | 0.158 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | chrysene | mg/kg | 18 | 19 | 95 | 0.0013 | 1.2 | 0.287 | 0.32 | 0.22 | 0.22 | 0.592 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | cobalt | mg/kg | 19 | 19 | 100 | 3.81 | 7.53 | 6.031 | 0.767 | -- | -- | 6.336 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte05ft | copper | mg/kg | 19 | 19 | 100 | 5.16 | 14.1 | 8.666 | 2.302 | -- | -- | 9.618 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 374 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 10 | 19 | 53 | 0.0009 | 0.078 | 0.027 | 0.0265 | 0.0007 | 0.13 | 0.0273 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 19 | 63 | 0.001 | 0.33 | 0.0677 | 0.101 | 0.0009 | 0.17 | 0.0802 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | lead | mg/kg | 19 | 19 | 100 | 3.57 | 32.9 | 11.09 | 9.638 | -- | -- | 20.73 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte05ft | naphthalene | mg/kg | 11 | 19 | 58 | 0.0011 | 5.8 | 0.667 | 1.752 | 0.00026 | 0.00031 | 1.764 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 249th st | lte05ft | pyrene | mg/kg | 18 | 19 | 95 | 0.0016 | 1.4 | 0.228 | 0.334 | 0.16 | 0.16 | 0.547 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | toluene | µg/kg | 10 | 19 | 53 | 0.14 | 73 | 7.539 | 23 | 0.12 | 11 | 21.17 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte05ft | tph as diesel | mg/kg | 17 | 19 | 89 | 26 | 8300 | 988.7 | 2117 | 4.8 | 4.8 | 2913 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 374 249th st | lte05ft | tph as gasoline | mg/kg | 6 | 19 | 32 | 0.061 | 1200 | 200.3 | 489.7 | 0.048 | 0.056 | 356.8 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte05ft | tph as motor oil | mg/kg | 18 | 19 | 95 | 11 | 7900 | 1215 | 2001 | 7 | 7 | 3119 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | vanadium | mg/kg | 19 | 19 | 100 | 11.8 | 22.7 | 19.43 | 2.601 | -- | -- | 20.6 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte05ft | zinc | mg/kg | 19 | 19 | 100 | 15.7 | 47.5 | 28.55 | 8.544 | -- | -- | 32.33 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 374 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 12 | 27 | 44 | 0.18 | 18000 | 3076 | 5376 | 0.089 | 0.1 | 2655 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 27 | 22 | 48 | 7400 | 2021 | 2691 | 0.073 | 7.7 | 996.8 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 15 | 27 | 56 | 0.0013 | 14 | 3.081 | 4.246 | 0.0011 | 0.086 | 2.902 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 374 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 25 | 27 | 93 | 0.0008 | 21 | 2.924 | 5.533 | 0.006 | 0.048 | 7.222 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte10ft | antimony | mg/kg | 9 | 27 | 33 | 0.313 | 1.05 | 0.562 | 0.262 | 0.306 | 0.306 | 0.475 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte10ft | arsenic | mg/kg | 24 | 27 | 89 | 0.514 | 3.38 | 1.342 | 0.828 | 0.398 | 0.398 | 1.523 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | bap teq | mg/kg | 26 | 27 | 96 | 0.000538 | 0.46 | 0.145 | 0.144 | 0.103 | 0.103 | 0.261 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | benzene | µg/kg | 18 | 27 | 67 | 0.13 | 3300 | 381.6 | 820.5 | 0.1 | 0.12 | 837.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte10ft | benzo (a) anthracene | mg/kg | 25 | 27 | 93 | 0.0007 | 0.78 | 0.16 | 0.191 | 0.0007 | 0.13 | 0.307 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | benzo (a) pyrene | mg/kg | 25 | 27 | 93 | 0.0008 | 0.32 | 0.108 | 0.103 | 0.0005 | 0.099 | 0.187 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 22 | 27 | 81 | 0.0006 | 0.28 | 0.0624 | 0.0741 | 0.0004 | 0.07 | 0.112 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 27 | 33 | 0.0027 | 0.24 | 0.0793 | 0.0929 | 0.0011 | 0.23 | 0.0542 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | cadmium | mg/kg | 6 | 27 | 22 | 0.0981 | 0.333 | 0.19 | 0.111 | 0.0883 | 0.0883 | 0.14 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | chrysene | mg/kg | 26 | 27 | 96 | 0.0013 | 1.6 | 0.364 | 0.417 | 0.22 | 0.22 | 0.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | cobalt | mg/kg | 27 | 27 | 100 | 3.81 | 9.2 | 6.757 | 1.371 | -- | -- | 7.233 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 374 249th st | lte10ft | copper | mg/kg | 27 | 27 | 100 | 5.16 | 14.1 | 8.9 | 2.128 | -- | -- | 9.599 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 27 | 44 | 0.0009 | 0.078 | 0.0242 | 0.0251 | 0.0007 | 0.13 | 0.0224 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | ethylbenzene | µg/kg | 8 | 27 | 30 | 0.43 | 4900 | 2273 | 2109 | 0.11 | 0.15 | 1504 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 374 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 27 | 52 | 0.001 | 0.33 | 0.0669 | 0.096 | 0.0009 | 0.17 | 0.0605 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | lead | mg/kg | 27 | 27 | 100 | 3.57 | 32.9 | 9.639 | 8.351 | -- | -- | 16.64 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte10ft | naphthalene | mg/kg | 18 | 27 | 67 | 0.0004 | 7 | 1.663 | 2.416 | 0.00025 | 0.00031 | 2.897 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte10ft | pyrene | mg/kg | 26 | 27 | 96 | 0.0011 | 3.5 | 0.516 | 0.845 | 0.16 | 0.16 | 1.198 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 374 249th st | lte10ft | toluene | µg/kg | 13 | 27 | 48 | 0.14 | 450 | 54.41 | 126.1 | 0.11 | 12 | 103.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte10ft | tph as diesel | mg/kg | 24 | 27 | 89 | 16 | 11000 | 2187 | 3332 | 4.8 | 4.8 | 4645 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 374 249th st | lte10ft | tph as gasoline | mg/kg | 11 | 27 | 41 | 0.061 | 1200 | 391.9 | 471.1 | 0.045 | 0.056 | 278.6 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 374 249th st | lte10ft | tph as motor oil | mg/kg | 25 | 27 | 93 | 11 | 11000 | 2278 | 3151 | 7 | 7 | 4704 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | vanadium | mg/kg | 27 | 27 | 100 | 11.8 | 36.3 | 23.05 | 6.348 | -- | -- | 25.36 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 374 249th st | lte10ft | xylenes, total | µg/kg | 9 | 27 | 33 | 0.17 | 20000 | 3729 | 6411 | 0.15 | 0.18 | 2603 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 374 249th st | lte10ft | zinc | mg/kg | 27 | 27 | 100 | 15.7 | 47.5 | 29.3 | 7.532 | -- | -- | 31.77 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 4.44 | 11.6 | 7.849 | 2.394 | -- | -- | 9.452 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 6.5 | 14.5 | 10.16 | 2.768 | -- | -- | 12.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 15.1 | 30.3 | 22.58 | 5.338 | -- | -- | 26.15 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 5.04 | 9.02 | 6.183 | 1.432 | -- | -- | 7.257 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 377 244th st | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 27.3 | 44.8 | 35.55 | 5.82 | -- | -- | 39.45 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 32.8 | 69.7 | 46.94 | 14.21 | -- | -- | 56.46 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte02ft | 2-methylnaphthalene | mg/kg | 11 | 16 | 69 | 0.0009 | 0.036 | 0.011 | 0.0128 | 0.0006 | 0.024 | 0.0136 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte02ft | antimony | mg/kg | 5 | 16 | 31 | 0.359 | 0.639 | 0.483 | 0.116 | 0.306 | 0.306 | 0.498 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 3.24 | 7.18 | 4.674 | 0.994 | -- | -- | 5.109 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte02ft | bap teq | mg/kg | 13 | 16 | 81 | 0.00167 | 0.203 | 0.0356 | 0.0561 | 0.00053 | 0.00053 | 0.0864 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte02ft | benzo (a) anthracene | mg/kg | 11 | 16 | 69 | 0.0018 | 0.15 | 0.0314 | 0.0459 | 0.0007 | 0.026 | 0.0397 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte02ft | benzo (a) pyrene | mg/kg | 11 | 16 | 69 | 0.0012 | 0.15 | 0.0291 | 0.0449 | 0.0005 | 0.02 | 0.0399 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte02ft | benzo (b) fluoranthene | mg/kg | 8 | 16 | 50 | 0.0014 | 0.13 | 0.0267 | 0.0442 | 0.0004 | 0.014 | 0.0292 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte02ft | cadmium | mg/kg | 6 | 16 | 38 | 0.0883 | 0.472 | 0.204 | 0.14 | 0.0883 | 0.0883 | 0.193 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte02ft | chrysene | mg/kg | 13 | 16 | 81 | 0.0028 | 0.49 | 0.0875 | 0.134 | 0.0012 | 0.0012 | 0.208 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 8.67 | 13.2 | 11.05 | 1.362 | -- | -- | 11.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte02ft | copper | mg/kg | 16 | 16 | 100 | 14.8 | 22.7 | 19.27 | 2.227 | -- | -- | 20.24 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte02ft | lead | mg/kg | 16 | 16 | 100 | 6.39 | 28.3 | 11.78 | 6.043 | -- | -- | 14.58 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte02ft | naphthalene | mg/kg | 5 | 16 | 31 | 0.00032 | 0.01 | 0.00338 | 0.0039 | 0.00026 | 0.00032 | 0.00316 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte02ft | pyrene | mg/kg | 14 | 16 | 88 | 0.0009 | 0.56 | 0.0668 | 0.146 | 0.0008 | 0.0008 | 0.209 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte02ft | tph as diesel | mg/kg | 12 | 16 | 75 | 7 | 690 | 131.3 | 189.5 | 4.8 | 4.8 | 289.3 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte02ft | tph as motor oil | mg/kg | 12 | 16 | 75 | 15 | 1900 | 385.5 | 535.5 | 7 | 7 | 830.2 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 29.3 | 37.8 | 34.13 | 2.625 | -- | -- | 35.28 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 36.4 | 90.8 | 49.8 | 14.86 | -- | -- | 56.32 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 377 244th st | lte05ft | 2-methylnaphthalene | mg/kg | 15 | 24 | 63 | 0.0009 | 0.036 | 0.00837 | 0.0117 | 0.0006 | 0.024 | 0.0147 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 377 244th st | lte05ft | antimony | mg/kg | 5 | 24 | 21 | 0.359 | 0.639 | 0.483 | 0.116 | 0.306 | 0.306 | 0.491 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 3.24 | 7.18 | 4.72 | 1.094 | -- | -- | 5.103 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte05ft | bap teq | mg/kg | 16 | 24 | 67 | 0.00133 | 0.203 | 0.0327 | 0.0519 | 0.00053 | 0.00053 | 0.0394 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte05ft | benzo (a) anthracene | mg/kg | 14 | 24 | 58 | 0.0012 | 0.15 | 0.0274 | 0.0417 | 0.0007 | 0.026 | 0.0313 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte05ft | benzo (a) pyrene | mg/kg | 14 | 24 | 58 | 0.0009 | 0.15 | 0.0263 | 0.041 | 0.0005 | 0.02 | 0.0287 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte05ft | benzo (b) fluoranthene | mg/kg | 11 | 24 | 46 | 0.0007 | 0.13 | 0.023 | 0.0387 | 0.0004 | 0.014 | 0.0211 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte05ft | cadmium | mg/kg | 8 | 24 | 33 | 0.0883 | 0.472 | 0.177 | 0.128 | 0.0883 | 0.0883 | 0.148 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte05ft | chrysene | mg/kg | 16 | 24 | 67 | 0.0024 | 0.49 | 0.077 | 0.123 | 0.0012 | 0.0012 | 0.0898 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 8.67 | 14.7 | 11.64 | 1.533 | -- | -- | 12.18 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte05ft | copper | mg/kg | 24 | 24 | 100 | 12.2 | 22.7 | 18.59 | 2.815 | -- | -- | 19.58 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte05ft | lead | mg/kg | 24 | 24 | 100 | 6.39 | 28.3 | 10.8 | 5.195 | -- | -- | 12.69 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 244th st | lte05ft | naphthalene | mg/kg | 7 | 24 | 29 | 0.00032 | 0.01 | 0.00285 | 0.00332 | 0.00026 | 0.00032 | 0.00182 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte05ft | pyrene | mg/kg | 17 | 24 | 71 | 0.0009 | 0.56 | 0.0613 | 0.133 | 0.0008 | 0.0008 | 0.147 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte05ft | tph as diesel | mg/kg | 14 | 24 | 58 | 7 | 690 | 137.4 | 184.1 | 4.8 | 4.8 | 142 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte05ft | tph as motor oil | mg/kg | 16 | 24 | 67 | 8.7 | 1900 | 346.8 | 497.2 | 7 | 7 | 394.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 26.8 | 44.7 | 35.2 | 4.712 | -- | -- | 36.84 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 32.8 | 90.8 | 47.78 | 13.5 | -- | -- | 52.43 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | 2-methylnaphthalene | mg/kg | 18 | 32 | 56 | 0.0009 | 0.036 | 0.00766 | 0.0108 | 0.0006 | 0.024 | 0.0117 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 377 244th st | lte10ft | antimony | mg/kg | 5 | 32 | 16 | 0.359 | 0.639 | 0.483 | 0.116 | 0.306 | 0.306 | 0.493 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 3.24 | 11.6 | 5.502 | 2.019 | -- | -- | 6.122 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 377 244th st | lte10ft | bap teq | mg/kg | 19 | 32 | 59 | 0.000538 | 0.203 | 0.0277 | 0.0489 | 0.00053 | 0.00053 | 0.0326 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | benzo (a) anthracene | mg/kg | 15 | 32 | 47 | 0.0012 | 0.15 | 0.0257 | 0.0407 | 0.0007 | 0.026 | 0.022 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | benzo (a) pyrene | mg/kg | 15 | 32 | 47 | 0.0009 | 0.15 | 0.0246 | 0.04 | 0.0005 | 0.02 | 0.0211 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 32 | 38 | 0.0007 | 0.13 | 0.0212 | 0.0374 | 0.0004 | 0.014 | 0.016 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | cadmium | mg/kg | 10 | 32 | 31 | 0.0883 | 0.472 | 0.181 | 0.114 | 0.0883 | 0.0883 | 0.141 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | chrysene | mg/kg | 19 | 32 | 59 | 0.0014 | 0.49 | 0.0652 | 0.116 | 0.0012 | 0.0012 | 0.0731 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 6.5 | 14.7 | 11.27 | 1.975 | -- | -- | 11.86 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 377 244th st | lte10ft | copper | mg/kg | 32 | 32 | 100 | 12.2 | 30.3 | 19.59 | 3.922 | -- | -- | 20.79 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | lead | mg/kg | 32 | 32 | 100 | 5.04 | 28.3 | 9.642 | 4.96 | -- | -- | 11.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 244th st | lte10ft | naphthalene | mg/kg | 10 | 32 | 31 | 0.00032 | 0.01 | 0.003 | 0.0028 | 0.00025 | 0.00032 | 0.00177 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | pyrene | mg/kg | 21 | 32 | 66 | 0.0009 | 0.56 | 0.0517 | 0.121 | 0.0008 | 0.0008 | 0.0705 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 377 244th st | lte10ft | tph as diesel | mg/kg | 14 | 32 | 44 | 7 | 690 | 137.4 | 184.1 | 4.8 | 4.8 | 105.7 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | tph as motor oil | mg/kg | 16 | 32 | 50 | 8.7 | 1900 | 346.8 | 497.2 | 7 | 7 | 295.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 244th st | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 26.8 | 44.8 | 35.28 | 4.914 | -- | -- | 36.76 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 244th st | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 32.8 | 90.8 | 47.57 | 13.45 | -- | -- | 51.56 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 377 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 8 | 100 | 0.41 | 4500 | 988.1 | 1528 | -- | -- | 4500 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 8 | 8 | 100 | 0.18 | 1600 | 270.5 | 549.1 | -- | -- | 1600 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.43 | 9.3 | 3.634 | 3.111 | -- | -- | 5.718 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.47 | 14 | 5.373 | 4.81 | -- | -- | 8.594 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | arsenic | mg/kg | 5 | 8 | 63 | 0.711 | 1.73 | 1.278 | 0.386 | 0.398 | 0.398 | 1.476 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.102 | 0.38 | 0.204 | 0.0916 | -- | -- | 0.265 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | benzene | µg/kg | 8 | 8 | 100 | 0.21 | 360 | 57.16 | 123.6 | -- | -- | 360 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.1 | 0.33 | 0.193 | 0.0738 | -- | -- | 0.242 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 7 | 8 | 88 | 0.077 | 0.3 | 0.162 | 0.0717 | 0.099 | 0.099 | 0.201 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 8 | 63 | 0.037 | 0.13 | 0.0692 | 0.0361 | 0.07 | 0.07 | 0.0832 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.33 | 0.96 | 0.575 | 0.198 | -- | -- | 0.707 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.79 | 6.91 | 6.229 | 0.356 | -- | -- | 6.467 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 7.43 | 11.2 | 8.115 | 1.262 | -- | -- | 9.031 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | gt05lte10ft | ethylbenzene | µg/kg | 8 | 8 | 100 | 0.2 | 1300 | 314.1 | 460.1 | -- | -- | 1300 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 0.497 | 25.8 | 6.892 | 7.946 | -- | -- | 15.04 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | gt05lte10ft | naphthalene | mg/kg | 8 | 8 | 100 | 0.011 | 4.6 | 1.705 | 1.63 | -- | -- | 2.797 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.39 | 2 | 1.028 | 0.535 | -- | -- | 1.386 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 1400 | 11000 | 5213 | 3099 | -- | -- | 7288 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | tph as gasoline | mg/kg | 8 | 8 | 100 | 0.33 | 430 | 185.3 | 189.4 | -- | -- | 430 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 1200 | 12000 | 5700 | 3304 | -- | -- | 7913 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 19.8 | 25.1 | 22.2 | 1.775 | -- | -- | 23.39 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | gt05lte10ft | xylenes, total | µg/kg | 7 | 8 | 88 | 0.68 | 2100 | 424.9 | 754.8 | 0.17 | 0.17 | 1485 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 22.1 | 36.2 | 25.81 | 4.376 | -- | -- | 28.96 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 14 | 50 | 0.0016 | 13 | 1.864 | 4.911 | 0.0011 | 0.011 | 5.144 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 14 | 100 | 0.0022 | 18 | 1.302 | 4.806 | -- | -- | 6.901 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte02ft | arsenic | mg/kg | 11 | 14 | 79 | 0.507 | 1.35 | 1.013 | 0.272 | 0.398 | 0.398 | 1.077 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte02ft | bap teq | mg/kg | 14 | 14 | 100 | 0.00554 | 0.457 | 0.0741 | 0.114 | -- | -- | 0.135 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte02ft | benzene | µg/kg | 6 | 14 | 43 | 0.15 | 3.6 | 0.748 | 1.397 | 0.11 | 0.14 | 0.923 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte02ft | benzo (a) anthracene | mg/kg | 14 | 14 | 100 | 0.005 | 0.49 | 0.0765 | 0.127 | -- | -- | 0.148 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 377 249th st | lte02ft | benzo (a) pyrene | mg/kg | 14 | 14 | 100 | 0.0039 | 0.35 | 0.0545 | 0.0876 | -- | -- | 0.0997 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 14 | 93 | 0.0023 | 0.036 | 0.0194 | 0.0124 | 0.07 | 0.07 | 0.0254 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 12 | 14 | 86 | 0.0013 | 0.025 | 0.012 | 0.00772 | 0.009 | 0.23 | 0.0152 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte02ft | chrysene | mg/kg | 14 | 14 | 100 | 0.013 | 1.2 | 0.188 | 0.307 | -- | -- | 0.355 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte02ft | cobalt | mg/kg | 14 | 14 | 100 | 5.18 | 7.34 | 6 | 0.673 | -- | -- | 6.319 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte02ft | copper | mg/kg | 14 | 14 | 100 | 6.18 | 17.9 | 9.346 | 3.386 | -- | -- | 11.03 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 11 | 14 | 79 | 0.0008 | 0.025 | 0.00935 | 0.00794 | 0.0054 | 0.13 | 0.012 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 14 | 86 | 0.0014 | 0.03 | 0.0154 | 0.00964 | 0.0069 | 0.17 | 0.0192 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte02ft | lead | mg/kg | 14 | 14 | 100 | 2.25 | 26.2 | 7.439 | 6.429 | -- | -- | 10.72 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte02ft | naphthalene | mg/kg | 11 | 14 | 79 | 0.0015 | 4.5 | 0.419 | 1.354 | 0.00028 | 0.0003 | 1.743 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte02ft | pyrene | mg/kg | 14 | 14 | 100 | 0.0079 | 2.7 | 0.285 | 0.709 | -- | -- | 1.11 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 377 249th st | lte02ft | tph as diesel | mg/kg | 13 | 14 | 93 | 14 | 10000 | 891.1 | 2740 | 4.8 | 4.8 | 3916 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 377 249th st | lte02ft | tph as gasoline | mg/kg | 9 | 14 | 64 | 0.063 | 0.94 | 0.192 | 0.283 | 0.051 | 0.059 | 0.277 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte02ft | tph as motor oil | mg/kg | 13 | 14 | 93 | 26 | 7900 | 874.9 | 2131 | 7 | 7 | 3221 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 377 249th st | lte02ft | vanadium | mg/kg | 14 | 14 | 100 | 16.6 | 28.8 | 20.78 | 3.62 | -- | -- | 22.49 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte02ft | zinc | mg/kg | 14 | 14 | 100 | 19.3 | 102 | 34.73 | 21.83 | -- | -- | 45.72 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 7 | 25 | 28 | 0.13 | 660 | 108.5 | 245.4 | 0.088 | 0.12 | 78.4 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 5 | 25 | 20 | 0.18 | 74 | 18.68 | 31.85 | 0.075 | 0.1 | 9.515 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 15 | 25 | 60 | 0.0016 | 13 | 2.014 | 4.259 | 0.0011 | 0.043 | 4.22 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 377 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 25 | 25 | 100 | 0.0022 | 18 | 1.725 | 5.018 | -- | -- | 6.1 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte05ft | arsenic | mg/kg | 16 | 25 | 64 | 0.438 | 2.54 | 1.096 | 0.573 | 0.398 | 0.398 | 1.069 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte05ft | bap teq | mg/kg | 25 | 25 | 100 | 0.00554 | 0.718 | 0.114 | 0.162 | -- | -- | 0.175 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 377 249th st | lte05ft | benzene | µg/kg | 11 | 25 | 44 | 0.12 | 3.6 | 0.483 | 1.035 | 0.11 | 11 | 0.587 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte05ft | benzo (a) anthracene | mg/kg | 24 | 25 | 96 | 0.005 | 1.1 | 0.133 | 0.236 | 0.13 | 0.13 | 0.332 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte05ft | benzo (a) pyrene | mg/kg | 24 | 25 | 96 | 0.0039 | 0.49 | 0.0841 | 0.118 | 0.099 | 0.099 | 0.184 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 25 | 92 | 0.0023 | 0.23 | 0.0353 | 0.0478 | 0.07 | 0.07 | 0.0748 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 17 | 25 | 68 | 0.0013 | 0.12 | 0.0176 | 0.0274 | 0.009 | 0.23 | 0.0245 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 377 249th st | lte05ft | chrysene | mg/kg | 25 | 25 | 100 | 0.013 | 2.6 | 0.339 | 0.552 | -- | -- | 0.541 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte05ft | cobalt | mg/kg | 25 | 25 | 100 | 3.45 | 7.51 | 6.019 | 0.802 | -- | -- | 6.325 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 377 249th st | lte05ft | copper | mg/kg | 25 | 25 | 100 | 4.7 | 17.9 | 8.738 | 2.787 | -- | -- | 9.683 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 18 | 25 | 72 | 0.0008 | 0.13 | 0.0156 | 0.0294 | 0.0054 | 0.13 | 0.0354 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 377 249th st | lte05ft | ethylbenzene | µg/kg | 5 | 25 | 20 | 0.2 | 97 | 22.66 | 41.95 | 0.12 | 0.16 | 11.97 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 20 | 25 | 80 | 0.0014 | 0.13 | 0.0213 | 0.028 | 0.0069 | 0.17 | 0.0442 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 377 249th st | lte05ft | lead | mg/kg | 25 | 25 | 100 | 0.66 | 26.2 | 5.928 | 5.615 | -- | -- | 7.982 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte05ft | naphthalene | mg/kg | 21 | 25 | 84 | 0.00066 | 7 | 0.657 | 1.762 | 0.00027 | 0.0003 | 1.976 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 377 249th st | lte05ft | pyrene | mg/kg | 25 | 25 | 100 | 0.0079 | 2.7 | 0.447 | 0.728 | -- | -- | 0.775 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 377 249th st | lte05ft | tph as diesel | mg/kg | 24 | 25 | 96 | 14 | 10000 | 1499 | 2631 | 4.8 | 4.8 | 3702 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 377 249th st | lte05ft | tph as gasoline | mg/kg | 19 | 25 | 76 | 0.051 | 100 | 5.968 | 22.8 | 0.051 | 0.059 | 22.02 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte05ft | tph as motor oil | mg/kg | 24 | 25 | 96 | 26 | 7900 | 1643 | 2444 | 7 | 7 | 3685 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 377 249th st | lte05ft | vanadium | mg/kg | 25 | 25 | 100 | 11 | 28.8 | 20.64 | 3.685 | -- | -- | 21.9 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte05ft | zinc | mg/kg | 25 | 25 | 100 | 13.4 | 102 | 30.48 | 17.2 | -- | -- | 36.74 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 15 | 33 | 45 | 0.13 | 4500 | 577.6 | 1183 | 0.088 | 0.12 | 908.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 13 | 33 | 39 | 0.18 | 1600 | 173.6 | 438.7 | 0.075 | 0.1 | 287.9 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 23 | 33 | 70 | 0.0016 | 13 | 2.577 | 3.904 | 0.0011 | 0.043 | 2.857 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 33 | 33 | 100 | 0.0022 | 18 | 2.61 | 5.145 | -- | -- | 6.513 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte10ft | arsenic | mg/kg | 21 | 33 | 64 | 0.438 | 2.54 | 1.14 | 0.532 | 0.398 | 0.398 | 1.068 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte10ft | bap teq | mg/kg | 33 | 33 | 100 | 0.00554 | 0.718 | 0.136 | 0.152 | -- | -- | 0.189 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | benzene | µg/kg | 19 | 33 | 58 | 0.12 | 360 | 24.35 | 82.24 | 0.11 | 11 | 62.35 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte10ft | benzo (a) anthracene | mg/kg | 32 | 33 | 97 | 0.005 | 1.1 | 0.148 | 0.208 | 0.13 | 0.13 | 0.301 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | benzo (a) pyrene | mg/kg | 31 | 33 | 94 | 0.0039 | 0.49 | 0.102 | 0.113 | 0.099 | 0.099 | 0.182 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 33 | 85 | 0.0023 | 0.23 | 0.0414 | 0.0472 | 0.07 | 0.07 | 0.0732 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 21 | 33 | 64 | 0.0013 | 0.12 | 0.0205 | 0.0261 | 0.009 | 0.23 | 0.0259 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | chrysene | mg/kg | 33 | 33 | 100 | 0.013 | 2.6 | 0.396 | 0.498 | -- | -- | 0.566 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | cobalt | mg/kg | 33 | 33 | 100 | 3.45 | 7.51 | 6.07 | 0.72 | -- | -- | 6.282 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte10ft | copper | mg/kg | 33 | 33 | 100 | 4.7 | 17.9 | 8.587 | 2.499 | -- | -- | 9.349 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 377 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 21 | 33 | 64 | 0.0008 | 0.13 | 0.0169 | 0.0276 | 0.0054 | 0.13 | 0.0206 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | ethylbenzene | µg/kg | 13 | 33 | 39 | 0.2 | 1300 | 202 | 381.9 | 0.12 | 0.16 | 156.6 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 377 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 24 | 33 | 73 | 0.0014 | 0.13 | 0.0241 | 0.0269 | 0.0069 | 0.17 | 0.044 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | lead | mg/kg | 33 | 33 | 100 | 0.497 | 26.2 | 6.161 | 6.134 | -- | -- | 8.024 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | naphthalene | mg/kg | 29 | 33 | 88 | 0.00066 | 7 | 0.946 | 1.764 | 0.00027 | 0.0003 | 2.108 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte10ft | pyrene | mg/kg | 33 | 33 | 100 | 0.0079 | 2.7 | 0.588 | 0.724 | -- | -- | 0.901 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 377 249th st | lte10ft | toluene | µg/kg | 5 | 33 | 15 | 0.13 | 0.25 | 0.186 | 0.0559 | 0.11 | 13 | 0.183 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte10ft | tph as diesel | mg/kg | 32 | 33 | 97 | 14 | 11000 | 2428 | 3158 | 4.8 | 4.8 | 4736 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte10ft | tph as gasoline | mg/kg | 27 | 33 | 82 | 0.051 | 430 | 59.12 | 130.3 | 0.051 | 0.059 | 139.5 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte10ft | tph as motor oil | mg/kg | 32 | 33 | 97 | 26 | 12000 | 2657 | 3175 | 7 | 7 | 4976 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 377 249th st | lte10ft | vanadium | mg/kg | 33 | 33 | 100 | 11 | 28.8 | 21.02 | 3.367 | -- | -- | 22.01 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 377 249th st | lte10ft | xylenes, total | µg/kg | 11 | 33 | 33 | 0.44 | 2100 | 285.1 | 617.6 | 0.15 | 15 | 386.2 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 377 249th st | lte10ft | zinc | mg/kg | 33 | 33 | 100 | 13.4 | 102 | 29.35 | 15.18 | -- | -- | 34.11 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 9 | 67 | 0.093 | 300 | 77.23 | 121.9 | 0.093 | 0.095 | 115.6 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 5 | 9 | 56 | 0.002 | 7.2 | 2.272 | 3.273 | 0.0011 | 0.0011 | 2.97 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 7 | 9 | 78 | 0.0009 | 12 | 2.689 | 4.801 | 0.0006 | 0.0006 | 8.488 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | gt05lte10ft | arsenic | mg/kg | 9 | 9 | 100 | 1.68 | 4.38 | 3.661 | 0.837 | -- | -- | 4.18 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | gt05lte10ft | bap teq | mg/kg | 8 | 9 | 89 | 0.000599 | 0.105 | 0.0219 | 0.0392 | 0.00053 | 0.00053 | 0.0741 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 9 | 67 | 0.0008 | 0.042 | 0.00853 | 0.0164 | 0.0007 | 0.13 | 0.0292 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 9 | 67 | 0.0005 | 0.045 | 0.00863 | 0.0178 | 0.0005 | 0.099 | 0.0311 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 9 | 56 | 0.0006 | 0.0014 | 0.001 | 0.00031623 | 0.0004 | 0.07 | 0.00116 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | gt05lte10ft | chrysene | mg/kg | 8 | 9 | 89 | 0.0015 | 0.3 | 0.0591 | 0.11 | 0.0012 | 0.0012 | 0.206 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | gt05lte10ft | cobalt | mg/kg | 9 | 9 | 100 | 6.64 | 10 | 8.532 | 1.067 | -- | -- | 9.193 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | gt05lte10ft | copper | mg/kg | 9 | 9 | 100 | 8.67 | 12.9 | 10.88 | 1.246 | -- | -- | 11.65 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | gt05lte10ft | lead | mg/kg | 9 | 9 | 100 | 5.7 | 8 | 7.297 | 0.682 | -- | -- | 7.774 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | gt05lte10ft | naphthalene | mg/kg | 7 | 9 | 78 | 0.00041 | 4.5 | 0.982 | 1.77 | 0.00026 | 0.00027 | 3.12 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 378 249th st | gt05lte10ft | pyrene | mg/kg | 8 | 9 | 89 | 0.001 | 0.34 | 0.0565 | 0.117 | 0.0008 | 0.0008 | 0.213 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | gt05lte10ft | tph as gasoline | mg/kg | 5 | 9 | 56 | 0.048 | 660 | 214.2 | 305.9 | 0.047 | 0.05 | 293.5 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | gt05lte10ft | vanadium | mg/kg | 9 | 9 | 100 | 28 | 35 | 31.59 | 2.343 | -- | -- | 33.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | gt05lte10ft | zinc | mg/kg | 9 | 9 | 100 | 29.3 | 36.7 | 32.57 | 2.381 | -- | -- | 34.04 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte02ft | 1-methylnaphthalene | mg/kg | 12 | 18 | 67 | 0.0024 | 0.12 | 0.0276 | 0.031 | 0.0043 | 0.021 | 0.0338 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 17 | 18 | 94 | 0.006 | 0.31 | 0.0527 | 0.0698 | 0.012 | 0.012 | 0.121 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte02ft | antimony | mg/kg | 11 | 18 | 61 | 0.318 | 0.766 | 0.598 | 0.163 | 0.306 | 0.306 | 0.598 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte02ft | arsenic | mg/kg | 18 | 18 | 100 | 0.74 | 3.98 | 2.279 | 0.743 | -- | -- | 2.584 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte02ft | bap teq | mg/kg | 18 | 18 | 100 | 0.0107 | 0.456 | 0.0691 | 0.102 | -- | -- | 0.107 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte02ft | benzene | µg/kg | 10 | 18 | 56 | 0.13 | 0.49 | 0.261 | 0.115 | 0.1 | 0.14 | 0.257 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte02ft | benzo (a) anthracene | mg/kg | 17 | 18 | 94 | 0.0073 | 0.49 | 0.0764 | 0.111 | 0.013 | 0.013 | 0.185 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte02ft | benzo (a) pyrene | mg/kg | 18 | 18 | 100 | 0.0072 | 0.33 | 0.0487 | 0.0737 | -- | -- | 0.076 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 17 | 18 | 94 | 0.0049 | 0.17 | 0.0307 | 0.0404 | 0.007 | 0.007 | 0.0701 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 8 | 18 | 44 | 0.0018 | 0.041 | 0.0153 | 0.016 | 0.0045 | 0.09 | 0.0147 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte02ft | cadmium | mg/kg | 5 | 18 | 28 | 0.0889 | 0.269 | 0.155 | 0.0706 | 0.0883 | 0.0883 | 0.149 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte02ft | chrysene | mg/kg | 18 | 18 | 100 | 0.022 | 1.5 | 0.227 | 0.334 | -- | -- | 0.358 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte02ft | cobalt | mg/kg | 18 | 18 | 100 | 5.07 | 8.44 | 6.199 | 0.68 | -- | -- | 6.491 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte02ft | copper | mg/kg | 18 | 18 | 100 | 5.04 | 12.2 | 8.511 | 1.746 | -- | -- | 9.227 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 13 | 18 | 72 | 0.0037 | 0.11 | 0.0194 | 0.0286 | 0.0027 | 0.013 | 0.0415 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 18 | 61 | 0.0043 | 0.052 | 0.0159 | 0.0161 | 0.0035 | 0.069 | 0.0184 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte02ft | lead | mg/kg | 18 | 18 | 100 | 4.57 | 44.9 | 10.32 | 9.325 | -- | -- | 19.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte02ft | naphthalene | mg/kg | 15 | 18 | 83 | 0.011 | 0.14 | 0.0325 | 0.031 | 0.00026 | 0.00033 | 0.0593 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte02ft | pyrene | mg/kg | 18 | 18 | 100 | 0.011 | 0.72 | 0.118 | 0.166 | -- | -- | 0.19 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte02ft | toluene | µg/kg | 7 | 18 | 39 | 0.13 | 0.32 | 0.201 | 0.0687 | 0.11 | 0.15 | 0.192 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte02ft | tph as diesel | mg/kg | 18 | 18 | 100 | 14 | 800 | 144.8 | 188.6 | -- | -- | 228.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte02ft | tph as gasoline | mg/kg | 9 | 18 | 50 | 0.056 | 0.22 | 0.101 | 0.0501 | 0.046 | 0.057 | 0.0958 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte02ft | tph as motor oil | mg/kg | 18 | 18 | 100 | 37 | 1600 | 290.9 | 350.1 | -- | -- | 433.5 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte02ft | vanadium | mg/kg | 18 | 18 | 100 | 15.7 | 22.6 | 19.86 | 1.942 | -- | -- | 20.66 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte02ft | zinc | mg/kg | 18 | 18 | 100 | 16.8 | 51.3 | 28.33 | 8.677 | -- | -- | 32 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 32 | 41 | 0.1 | 87 | 10.78 | 26.26 | 0.088 | 0.12 | 18.01 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | 1,3,5-trimethylbenzene | µg/kg | 6 | 32 | 19 | 0.1 | 35 | 8.682 | 14.35 | 0.074 | 0.1 | 3.872 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 23 | 32 | 72 | 0.0013 | 12 | 0.667 | 2.507 | 0.0011 | 0.021 | 2.135 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 29 | 32 | 91 | 0.0007 | 16 | 0.735 | 2.997 | 0.0006 | 0.012 | 2.871 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | antimony | mg/kg | 21 | 32 | 66 | 0.318 | 0.818 | 0.598 | 0.163 | 0.306 | 0.306 | 0.567 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte05ft | arsenic | mg/kg | 32 | 32 | 100 | 0.416 | 3.98 | 2.099 | 0.772 | -- | -- | 2.33 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte05ft | bap teq | mg/kg | 29 | 32 | 91 | 0.000537 | 0.456 | 0.0529 | 0.0854 | 0.00053 | 0.00053 | 0.112 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | benzene | µg/kg | 21 | 32 | 66 | 0.13 | 12 | 1.45 | 2.975 | 0.1 | 0.14 | 2.918 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | benzo (a) anthracene | mg/kg | 25 | 32 | 78 | 0.002 | 0.49 | 0.0647 | 0.0982 | 0.0007 | 0.026 | 0.121 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | benzo (a) pyrene | mg/kg | 26 | 32 | 81 | 0.0005 | 0.33 | 0.0384 | 0.064 | 0.0005 | 0.099 | 0.078 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 32 | 72 | 0.0006 | 0.17 | 0.024 | 0.0365 | 0.0004 | 0.07 | 0.0432 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 9 | 32 | 28 | 0.0018 | 0.041 | 0.0139 | 0.0155 | 0.0011 | 0.23 | 0.00922 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | cadmium | mg/kg | 8 | 32 | 25 | 0.0889 | 0.269 | 0.132 | 0.0621 | 0.0883 | 0.0883 | 0.111 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | chrysene | mg/kg | 29 | 32 | 91 | 0.0013 | 1.5 | 0.169 | 0.278 | 0.0012 | 0.0012 | 0.361 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | cobalt | mg/kg | 32 | 32 | 100 | 5.07 | 8.44 | 6.194 | 0.717 | -- | -- | 6.415 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | copper | mg/kg | 32 | 32 | 100 | 5.04 | 12.2 | 8.217 | 1.498 | -- | -- | 8.682 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 14 | 32 | 44 | 0.0024 | 0.11 | 0.0182 | 0.0278 | 0.0007 | 0.13 | 0.0161 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte05ft | ethylbenzene | µg/kg | 7 | 32 | 22 | 0.36 | 27 | 10.17 | 12.38 | 0.12 | 0.16 | 4.684 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 12 | 32 | 38 | 0.0035 | 0.052 | 0.0149 | 0.0158 | 0.0009 | 0.17 | 0.0121 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte05ft | lead | mg/kg | 32 | 32 | 100 | 3.42 | 44.9 | 7.952 | 7.461 | -- | -- | 13.7 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | naphthalene | mg/kg | 27 | 32 | 84 | 0.0012 | 6.2 | 0.296 | 1.195 | 0.00026 | 0.00033 | 1.1 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | pyrene | mg/kg | 29 | 32 | 91 | 0.0013 | 0.72 | 0.107 | 0.158 | 0.0008 | 0.033 | 0.216 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | toluene | µg/kg | 12 | 32 | 38 | 0.13 | 8.5 | 1.355 | 2.625 | 0.11 | 0.15 | 1.158 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | tph as diesel | mg/kg | 27 | 32 | 84 | 8.4 | 11000 | 983.5 | 2746 | 4.8 | 4.8 | 2795 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | tph as gasoline | mg/kg | 21 | 32 | 66 | 0.055 | 530 | 46.69 | 126.6 | 0.046 | 0.057 | 111.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | tph as motor oil | mg/kg | 27 | 32 | 84 | 23 | 11000 | 1053 | 2639 | 7 | 7 | 2783 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte05ft | vanadium | mg/kg | 32 | 32 | 100 | 15.7 | 27.9 | 19.88 | 2.764 | -- | -- | 20.7 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte05ft | xylenes, total | µg/kg | 5 | 32 | 16 | 1.1 | 190 | 58.02 | 83.3 | 0.15 | 0.21 | 27.91 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte05ft | zinc | mg/kg | 32 | 32 | 100 | 16.8 | 51.3 | 25.33 | 7.561 | -- | -- | 27.51 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 19 | 41 | 46 | 0.093 | 300 | 31.76 | 74.81 | 0.088 | 0.12 | 51.16 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 378 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 41 | 22 | 0.1 | 47 | 13.42 | 17.05 | 0.074 | 0.1 | 5.627 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 28 | 41 | 68 | 0.0013 | 12 | 0.954 | 2.665 | 0.0011 | 0.021 | 2.182 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 36 | 41 | 88 | 0.0007 | 16 | 1.115 | 3.428 | 0.0006 | 0.012 | 3.18 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte10ft | antimony | mg/kg | 21 | 41 | 51 | 0.318 | 0.818 | 0.598 | 0.163 | 0.306 | 0.306 | 0.529 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte10ft | arsenic | mg/kg | 41 | 41 | 100 | 0.416 | 4.38 | 2.442 | 1.015 | -- | -- | 2.709 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 378 249th st | lte10ft | bap teq | mg/kg | 37 | 41 | 90 | 0.000537 | 0.456 | 0.0462 | 0.0784 | 0.00053 | 0.00053 | 0.0932 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | benzene | µg/kg | 25 | 41 | 61 | 0.13 | 250 | 11.25 | 49.81 | 0.1 | 11 | 33.67 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte10ft | benzo (a) anthracene | mg/kg | 31 | 41 | 76 | 0.0008 | 0.49 | 0.0538 | 0.0909 | 0.0007 | 0.13 | 0.0978 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | benzo (a) pyrene | mg/kg | 32 | 41 | 78 | 0.0005 | 0.33 | 0.0328 | 0.0591 | 0.0005 | 0.099 | 0.0635 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 41 | 68 | 0.0006 | 0.17 | 0.0199 | 0.0342 | 0.0004 | 0.07 | 0.0231 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 10 | 41 | 24 | 0.0018 | 0.041 | 0.0127 | 0.0151 | 0.0011 | 0.23 | 0.00771 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | cadmium | mg/kg | 8 | 41 | 20 | 0.0889 | 0.269 | 0.132 | 0.0621 | 0.0883 | 0.0883 | 0.106 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | chrysene | mg/kg | 37 | 41 | 90 | 0.0013 | 1.5 | 0.145 | 0.254 | 0.0012 | 0.0012 | 0.298 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | cobalt | mg/kg | 41 | 41 | 100 | 5.07 | 10 | 6.708 | 1.259 | -- | -- | 7.045 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte10ft | copper | mg/kg | 41 | 41 | 100 | 5.04 | 12.9 | 8.801 | 1.815 | -- | -- | 9.299 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 14 | 41 | 34 | 0.0024 | 0.11 | 0.0182 | 0.0278 | 0.0007 | 0.13 | 0.0134 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 378 249th st | lte10ft | ethylbenzene | µg/kg | 10 | 41 | 24 | 0.36 | 3400 | 441.6 | 1080 | 0.12 | 0.16 | 495.7 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 378 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 41 | 32 | 0.0018 | 0.052 | 0.0139 | 0.0156 | 0.0009 | 0.17 | 0.00937 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | lead | mg/kg | 41 | 41 | 100 | 3.42 | 44.9 | 7.808 | 6.581 | -- | -- | 9.667 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte10ft | naphthalene | mg/kg | 34 | 41 | 83 | 0.00041 | 6.2 | 0.437 | 1.332 | 0.00026 | 0.00033 | 1.196 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte10ft | pyrene | mg/kg | 37 | 41 | 90 | 0.001 | 0.72 | 0.0963 | 0.15 | 0.0008 | 0.033 | 0.186 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | toluene | µg/kg | 14 | 41 | 34 | 0.13 | 13 | 2.119 | 3.963 | 0.11 | 11 | 2.545 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte10ft | tph as diesel | mg/kg | 31 | 41 | 76 | 8.4 | 11000 | 1125 | 2712 | 4.8 | 4.8 | 2492 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte10ft | tph as gasoline | mg/kg | 26 | 41 | 63 | 0.048 | 660 | 78.91 | 179.8 | 0.046 | 0.057 | 151 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte10ft | tph as motor oil | mg/kg | 31 | 41 | 76 | 13 | 11000 | 1170 | 2594 | 7 | 7 | 2461 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 378 249th st | lte10ft | vanadium | mg/kg | 41 | 41 | 100 | 15.7 | 35 | 22.45 | 5.578 | -- | -- | 23.94 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 378 249th st | lte10ft | xylenes, total | µg/kg | 8 | 41 | 20 | 1.1 | 220 | 72.64 | 87.41 | 0.15 | 0.21 | 27.97 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 378 249th st | lte10ft | zinc | mg/kg | 41 | 41 | 100 | 16.8 | 51.3 | 26.92 | 7.391 | -- | -- | 28.88 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 8 | 100 | 0.35 | 900 | 150.4 | 306 | -- | -- | 900 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | gt05lte10ft | 1,3,5-trimethylbenzene | µg/kg | 7 | 8 | 88 | 0.12 | 45 | 11.12 | 16.49 | 8.5 | 8.5 | 34.29 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 7 | 8 | 88 | 0.016 | 7.6 | 2.619 | 2.92 | 0.0054 | 0.0054 | 4.226 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 8 | 8 | 100 | 0.0043 | 12 | 3.607 | 4.507 | -- | -- | 6.626 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 1.37 | 2.81 | 2.3 | 0.524 | -- | -- | 2.651 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | bap teq | mg/kg | 8 | 8 | 100 | 0.00906 | 0.437 | 0.201 | 0.178 | -- | -- | 0.32 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | benzene | µg/kg | 8 | 8 | 100 | 0.17 | 50 | 14.82 | 18.57 | -- | -- | 27.26 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 8 | 8 | 100 | 0.011 | 0.63 | 0.298 | 0.258 | -- | -- | 0.471 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 8 | 8 | 100 | 0.0062 | 0.3 | 0.143 | 0.126 | -- | -- | 0.228 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 8 | 63 | 0.0046 | 0.17 | 0.0711 | 0.0816 | 0.018 | 0.035 | 0.0969 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | chrysene | mg/kg | 8 | 8 | 100 | 0.023 | 1.5 | 0.605 | 0.546 | -- | -- | 0.971 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 5.01 | 6.88 | 5.956 | 0.744 | -- | -- | 6.454 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 6.26 | 8.04 | 7.233 | 0.727 | -- | -- | 7.72 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | ethylbenzene | µg/kg | 7 | 8 | 88 | 0.28 | 370 | 81.75 | 131 | 0.15 | 0.15 | 265.7 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 5.2 | 12.5 | 7.331 | 2.347 | -- | -- | 8.904 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | naphthalene | mg/kg | 8 | 8 | 100 | 0.0016 | 3.4 | 1.027 | 1.299 | -- | -- | 3.4 | Maximum Detected | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.055 | 2.4 | 0.779 | 0.759 | -- | -- | 1.288 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | toluene | µg/kg | 6 | 8 | 75 | 0.13 | 2.4 | 0.7 | 0.849 | 0.15 | 13 | 1.962 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | gt05lte10ft | tph as diesel | mg/kg | 8 | 8 | 100 | 32 | 5900 | 2605 | 2260 | -- | -- | 4119 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | tph as gasoline | mg/kg | 8 | 8 | 100 | 0.61 | 310 | 119 | 123.6 | -- | -- | 201.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | tph as motor oil | mg/kg | 8 | 8 | 100 | 56 | 6200 | 2990 | 2414 | -- | -- | 4606 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 16.2 | 23 | 19.54 | 2.334 | -- | -- | 21.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | xylenes, total | µg/kg | 8 | 8 | 100 | 0.25 | 60 | 25.69 | 26.65 | -- | -- | 43.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 23 | 28.8 | 25.53 | 2.114 | -- | -- | 26.94 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte02ft | 1-methylnaphthalene | mg/kg | 7 | 15 | 47 | 0.0013 | 1.2 | 0.174 | 0.452 | 0.0011 | 0.054 | 0.446 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 14 | 15 | 93 | 0.0013 | 0.28 | 0.0334 | 0.0719 | 0.03 | 0.03 | 0.11 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 383 249th st | lte02ft | arsenic | mg/kg | 15 | 15 | 100 | 1.48 | 6.86 | 2.845 | 1.346 | -- | -- | 3.451 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 383 249th st | lte02ft | bap teq | mg/kg | 15 | 15 | 100 | 0.00446 | 3.06 | 0.484 | 1.027 | -- | -- | 1.639 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte02ft | benzene | µg/kg | 11 | 15 | 73 | 0.13 | 0.39 | 0.252 | 0.0959 | 0.11 | 0.11 | 0.266 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte02ft | benzo (a) anthracene | mg/kg | 15 | 15 | 100 | 0.0066 | 3.9 | 0.491 | 1.1 | -- | -- | 1.728 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte02ft | benzo (a) pyrene | mg/kg | 15 | 15 | 100 | 0.0032 | 2.2 | 0.345 | 0.727 | -- | -- | 1.163 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 383 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 15 | 15 | 100 | 0.0013 | 1.5 | 0.236 | 0.501 | -- | -- | 0.8 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 11 | 15 | 73 | 0.0014 | 1.4 | 0.293 | 0.534 | 0.0011 | 0.023 | 0.752 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte02ft | chrysene | mg/kg | 15 | 15 | 100 | 0.014 | 4.6 | 0.623 | 1.268 | -- | -- | 2.051 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte02ft | cobalt | mg/kg | 15 | 15 | 100 | 5.21 | 7.48 | 6.051 | 0.704 | -- | -- | 6.371 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte02ft | copper | mg/kg | 15 | 15 | 100 | 5.87 | 20 | 10.55 | 4.109 | -- | -- | 12.56 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 7 | 15 | 47 | 0.0045 | 0.6 | 0.131 | 0.221 | 0.0007 | 0.034 | 0.139 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 15 | 73 | 0.001 | 1.4 | 0.23 | 0.452 | 0.0017 | 0.017 | 0.621 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte02ft | lead | mg/kg | 15 | 15 | 100 | 3.83 | 24.7 | 11.25 | 7.074 | -- | -- | 15.1 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte02ft | naphthalene | mg/kg | 10 | 15 | 67 | 0.0008 | 0.0098 | 0.00352 | 0.003 | 0.00026 | 0.0003 | 0.00389 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte02ft | pyrene | mg/kg | 15 | 15 | 100 | 0.0083 | 10 | 1.072 | 2.684 | -- | -- | 4.094 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte02ft | toluene | µg/kg | 9 | 15 | 60 | 0.13 | 0.8 | 0.379 | 0.241 | 0.12 | 0.13 | 0.391 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte02ft | tph as diesel | mg/kg | 14 | 15 | 93 | 11 | 1800 | 203.7 | 465 | 4.8 | 4.8 | 699.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte02ft | tph as gasoline | mg/kg | 5 | 15 | 33 | 0.051 | 0.77 | 0.235 | 0.307 | 0.048 | 0.057 | 0.204 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte02ft | tph as motor oil | mg/kg | 14 | 15 | 93 | 45 | 3000 | 446.2 | 765.6 | 7 | 7 | 1260 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte02ft | vanadium | mg/kg | 15 | 15 | 100 | 15.7 | 24.8 | 19.87 | 2.909 | -- | -- | 21.2 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte02ft | zinc | mg/kg | 15 | 15 | 100 | 18.9 | 128 | 40.41 | 27.94 | -- | -- | 52.61 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 383 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 8 | 24 | 33 | 0.16 | 59 | 7.615 | 20.76 | 0.09 | 0.12 | 13.82 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 12 | 24 | 50 | 0.0013 | 1.2 | 0.198 | 0.414 | 0.0011 | 0.054 | 0.376 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 20 | 24 | 83 | 0.0013 | 0.54 | 0.0655 | 0.128 | 0.006 | 0.03 | 0.161 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 383 249th st | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 1.48 | 6.86 | 2.725 | 1.095 | -- | -- | 3.128 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte05ft | bap teq | mg/kg | 24 | 24 | 100 | 0.00446 | 3.06 | 0.363 | 0.823 | -- | -- | 1.095 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte05ft | benzene | µg/kg | 16 | 24 | 67 | 0.13 | 0.45 | 0.266 | 0.0996 | 0.1 | 11 | 0.263 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte05ft | benzo (a) anthracene | mg/kg | 24 | 24 | 100 | 0.0066 | 3.9 | 0.389 | 0.877 | -- | -- | 1.169 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte05ft | benzo (a) pyrene | mg/kg | 23 | 24 | 96 | 0.0032 | 2.2 | 0.27 | 0.594 | 0.0049 | 0.0049 | 0.779 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 23 | 24 | 96 | 0.0013 | 1.5 | 0.177 | 0.41 | 0.0035 | 0.0035 | 0.528 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 13 | 24 | 54 | 0.0014 | 1.4 | 0.249 | 0.499 | 0.0011 | 0.11 | 0.483 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte05ft | chrysene | mg/kg | 24 | 24 | 100 | 0.014 | 4.6 | 0.585 | 1.03 | -- | -- | 0.986 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 383 249th st | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 5.21 | 7.48 | 6.101 | 0.638 | -- | -- | 6.324 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte05ft | copper | mg/kg | 24 | 24 | 100 | 5.87 | 20 | 9.62 | 3.473 | -- | -- | 10.88 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 11 | 24 | 46 | 0.0045 | 0.6 | 0.101 | 0.177 | 0.0007 | 0.034 | 0.0944 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 16 | 24 | 67 | 0.001 | 1.4 | 0.17 | 0.38 | 0.0017 | 0.043 | 0.401 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte05ft | lead | mg/kg | 24 | 24 | 100 | 3.83 | 24.7 | 10.23 | 6.388 | -- | -- | 12.56 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 383 249th st | lte05ft | naphthalene | mg/kg | 17 | 24 | 71 | 0.0008 | 0.44 | 0.0286 | 0.106 | 0.00026 | 0.0003 | 0.101 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte05ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0083 | 10 | 0.883 | 2.124 | -- | -- | 1.771 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 383 249th st | lte05ft | toluene | µg/kg | 15 | 24 | 63 | 0.13 | 0.8 | 0.315 | 0.204 | 0.12 | 12 | 0.315 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte05ft | tph as diesel | mg/kg | 23 | 24 | 96 | 11 | 5400 | 647 | 1175 | 4.8 | 4.8 | 1650 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 383 249th st | lte05ft | tph as gasoline | mg/kg | 11 | 24 | 46 | 0.051 | 180 | 23.48 | 56.28 | 0.048 | 0.057 | 46.4 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte05ft | tph as motor oil | mg/kg | 23 | 24 | 96 | 45 | 5900 | 944.2 | 1348 | 7 | 7 | 2093 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 15.7 | 24.8 | 20.6 | 2.61 | -- | -- | 21.52 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte05ft | xylenes, total | µg/kg | 6 | 24 | 25 | 0.2 | 36 | 6.37 | 14.52 | 0.16 | 0.2 | 8.706 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 18.9 | 128 | 35.28 | 22.85 | -- | -- | 43.81 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 32 | 50 | 0.16 | 900 | 79.02 | 222.1 | 0.09 | 0.12 | 164.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte10ft | 1,3,5-trimethylbenzene | µg/kg | 9 | 32 | 28 | 0.11 | 45 | 11.33 | 15.48 | 0.076 | 8.5 | 6.205 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 19 | 32 | 59 | 0.0013 | 7.6 | 1.09 | 2.094 | 0.0011 | 0.054 | 1.962 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 28 | 32 | 88 | 0.0013 | 12 | 1.077 | 2.816 | 0.006 | 0.03 | 2.992 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 1.37 | 6.86 | 2.618 | 0.994 | -- | -- | 2.931 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte10ft | bap teq | mg/kg | 32 | 32 | 100 | 0.00446 | 3.06 | 0.322 | 0.718 | -- | -- | 0.875 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte10ft | benzene | µg/kg | 24 | 32 | 75 | 0.13 | 50 | 5.116 | 12.41 | 0.1 | 11 | 12.35 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte10ft | benzo (a) anthracene | mg/kg | 32 | 32 | 100 | 0.0066 | 3.9 | 0.366 | 0.766 | -- | -- | 0.957 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte10ft | benzo (a) pyrene | mg/kg | 31 | 32 | 97 | 0.0032 | 2.2 | 0.237 | 0.515 | 0.0049 | 0.0049 | 0.622 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 28 | 32 | 88 | 0.0013 | 1.5 | 0.158 | 0.373 | 0.0035 | 0.035 | 0.411 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 13 | 32 | 41 | 0.0014 | 1.4 | 0.249 | 0.499 | 0.0011 | 0.23 | 0.368 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte10ft | chrysene | mg/kg | 32 | 32 | 100 | 0.014 | 4.6 | 0.59 | 0.924 | -- | -- | 0.897 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 5.01 | 7.48 | 6.065 | 0.656 | -- | -- | 6.261 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte10ft | copper | mg/kg | 32 | 32 | 100 | 5.87 | 20 | 9.023 | 3.189 | -- | -- | 10.01 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 12 | 32 | 38 | 0.0045 | 0.6 | 0.0991 | 0.168 | 0.0007 | 0.13 | 0.0751 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte10ft | ethylbenzene | µg/kg | 10 | 32 | 31 | 0.18 | 370 | 65.37 | 112.3 | 0.12 | 0.16 | 41.66 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 383 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 32 | 53 | 0.001 | 1.4 | 0.165 | 0.369 | 0.0017 | 0.17 | 0.307 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte10ft | lead | mg/kg | 32 | 32 | 100 | 3.83 | 24.7 | 9.507 | 5.758 | -- | -- | 11.28 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 383 249th st | lte10ft | naphthalene | mg/kg | 25 | 32 | 78 | 0.0008 | 3.4 | 0.348 | 0.852 | 0.00026 | 0.0003 | 0.863 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte10ft | pyrene | mg/kg | 32 | 32 | 100 | 0.0083 | 10 | 0.857 | 1.865 | -- | -- | 1.449 | 95% Adjusted Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 383 249th st | lte10ft | toluene | µg/kg | 21 | 32 | 66 | 0.13 | 2.4 | 0.425 | 0.491 | 0.12 | 13 | 0.485 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte10ft | tph as diesel | mg/kg | 31 | 32 | 97 | 11 | 5900 | 1152 | 1721 | 4.8 | 4.8 | 2431 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 383 249th st | lte10ft | tph as gasoline | mg/kg | 19 | 32 | 59 | 0.051 | 310 | 63.71 | 100.2 | 0.048 | 0.057 | 102.3 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte10ft | tph as motor oil | mg/kg | 31 | 32 | 97 | 45 | 6200 | 1472 | 1876 | 7 | 7 | 2864 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 383 249th st | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 15.7 | 24.8 | 20.34 | 2.55 | -- | -- | 21.1 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 383 249th st | lte10ft | xylenes, total | µg/kg | 14 | 32 | 44 | 0.2 | 60 | 17.41 | 23.71 | 0.16 | 0.2 | 21.61 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 383 249th st | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 18.9 | 128 | 32.84 | 20.17 | -- | -- | 39.29 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 6 | 8 | 75 | 0.001 | 0.029 | 0.00628 | 0.0112 | 0.0006 | 0.0006 | 0.0204 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | gt05lte10ft | arsenic | mg/kg | 8 | 8 | 100 | 2.16 | 3.6 | 2.983 | 0.537 | -- | -- | 3.342 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | bap teq | mg/kg | 7 | 8 | 88 | 0.000545 | 0.00749 | 0.00372 | 0.00233 | 0.00053 | 0.00053 | 0.00496 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 6 | 8 | 75 | 0.0013 | 0.007 | 0.00435 | 0.00204 | 0.0007 | 0.0007 | 0.00519 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 6 | 8 | 75 | 0.001 | 0.0051 | 0.00298 | 0.00139 | 0.0005 | 0.0005 | 0.00351 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 5 | 8 | 63 | 0.0015 | 0.0046 | 0.00252 | 0.0012 | 0.0004 | 0.0004 | 0.00291 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | chrysene | mg/kg | 7 | 8 | 88 | 0.0021 | 0.018 | 0.00999 | 0.00604 | 0.0012 | 0.0012 | 0.0132 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | cobalt | mg/kg | 8 | 8 | 100 | 7.11 | 10.5 | 8.746 | 1.255 | -- | -- | 9.587 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | copper | mg/kg | 8 | 8 | 100 | 8.38 | 12.7 | 10.7 | 1.264 | -- | -- | 11.55 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | lead | mg/kg | 8 | 8 | 100 | 2.14 | 6.41 | 3.871 | 1.477 | -- | -- | 4.861 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | naphthalene | mg/kg | 6 | 8 | 75 | 0.0014 | 0.0072 | 0.00312 | 0.00216 | 0.00025 | 0.00026 | 0.00405 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | pyrene | mg/kg | 8 | 8 | 100 | 0.0014 | 0.064 | 0.0171 | 0.0212 | -- | -- | 0.0417 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | gt05lte10ft | vanadium | mg/kg | 8 | 8 | 100 | 24.5 | 35.5 | 30.54 | 3.184 | -- | -- | 32.67 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | gt05lte10ft | zinc | mg/kg | 8 | 8 | 100 | 28.3 | 37.1 | 33.63 | 3.155 | -- | -- | 35.74 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte02ft | 1-methylnaphthalene | mg/kg | 8 | 16 | 50 | 0.0027 | 0.025 | 0.0114 | 0.00864 | 0.0054 | 0.086 | 0.0117 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 15 | 16 | 94 | 0.0056 | 0.096 | 0.027 | 0.0252 | 0.012 | 0.012 | 0.0529 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte02ft | arsenic | mg/kg | 16 | 16 | 100 | 0.889 | 3.41 | 2.339 | 0.768 | -- | -- | 2.675 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte02ft | bap teq | mg/kg | 16 | 16 | 100 | 0.00681 | 0.283 | 0.0636 | 0.0688 | -- | -- | 0.0967 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte02ft | benzene | µg/kg | 16 | 16 | 100 | 0.13 | 1.4 | 0.348 | 0.328 | -- | -- | 0.705 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte02ft | benzo (a) anthracene | mg/kg | 16 | 16 | 100 | 0.0064 | 0.32 | 0.0614 | 0.0762 | -- | -- | 0.096 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte02ft | benzo (a) pyrene | mg/kg | 16 | 16 | 100 | 0.0056 | 0.21 | 0.0477 | 0.0516 | -- | -- | 0.0837 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 402 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 13 | 16 | 81 | 0.014 | 0.14 | 0.0382 | 0.0366 | 0.0004 | 0.0018 | 0.0712 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 7 | 16 | 44 | 0.0059 | 0.041 | 0.0155 | 0.0121 | 0.0011 | 0.09 | 0.0153 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte02ft | cadmium | mg/kg | 10 | 16 | 63 | 0.0988 | 0.533 | 0.186 | 0.13 | 0.0883 | 0.0883 | 0.202 | 95% KM (Percentile Bootstrap) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte02ft | chrysene | mg/kg | 16 | 16 | 100 | 0.019 | 0.95 | 0.182 | 0.23 | -- | -- | 0.289 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte02ft | cobalt | mg/kg | 16 | 16 | 100 | 5.09 | 7.72 | 6.457 | 0.702 | -- | -- | 6.765 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte02ft | copper | mg/kg | 16 | 16 | 100 | 6.49 | 17.2 | 9.904 | 2.663 | -- | -- | 11.07 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 5 | 16 | 31 | 0.0048 | 0.015 | 0.00898 | 0.00388 | 0.0007 | 0.054 | 0.00959 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 13 | 16 | 81 | 0.0019 | 0.051 | 0.0152 | 0.0128 | 0.017 | 0.069 | 0.0205 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte02ft | lead | mg/kg | 16 | 16 | 100 | 4.22 | 29.9 | 10.54 | 7.543 | -- | -- | 14.03 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte02ft | naphthalene | mg/kg | 12 | 16 | 75 | 0.00033 | 0.071 | 0.0173 | 0.0203 | 0.00027 | 0.00034 | 0.0339 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte02ft | pyrene | mg/kg | 16 | 16 | 100 | 0.011 | 0.82 | 0.138 | 0.208 | -- | -- | 0.364 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 402 249th st | lte02ft | toluene | µg/kg | 13 | 16 | 81 | 0.12 | 0.83 | 0.297 | 0.202 | 0.12 | 0.12 | 0.358 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte02ft | tph as diesel | mg/kg | 16 | 16 | 100 | 71 | 810 | 273.7 | 231.4 | -- | -- | 433.3 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 402 249th st | lte02ft | tph as gasoline | mg/kg | 6 | 16 | 38 | 0.062 | 0.17 | 0.109 | 0.0488 | 0.048 | 0.057 | 0.104 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte02ft | tph as motor oil | mg/kg | 16 | 16 | 100 | 230 | 1800 | 593.8 | 475.8 | -- | -- | 1112 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte02ft | vanadium | mg/kg | 16 | 16 | 100 | 16.7 | 27.9 | 22.09 | 3.431 | -- | -- | 23.6 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte02ft | zinc | mg/kg | 16 | 16 | 100 | 21.8 | 82.9 | 37.95 | 15.89 | -- | -- | 45.06 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 5 | 24 | 21 | 0.26 | 130 | 26.28 | 57.98 | 0.09 | 0.12 | 31.47 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 10 | 24 | 42 | 0.0027 | 14 | 1.441 | 4.414 | 0.0011 | 0.086 | 3.223 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 21 | 24 | 88 | 0.0007 | 19 | 0.935 | 4.14 | 0.0006 | 0.012 | 4.275 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte05ft | arsenic | mg/kg | 24 | 24 | 100 | 0.694 | 3.41 | 2.034 | 0.885 | -- | -- | 2.344 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte05ft | bap teq | mg/kg | 24 | 24 | 100 | 0.000602 | 0.547 | 0.0704 | 0.12 | -- | -- | 0.123 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte05ft | benzene | µg/kg | 22 | 24 | 92 | 0.13 | 1.4 | 0.314 | 0.29 | 0.11 | 11 | 0.567 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte05ft | benzo (a) anthracene | mg/kg | 24 | 24 | 100 | 0.0009 | 0.71 | 0.0782 | 0.152 | -- | -- | 0.138 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte05ft | benzo (a) pyrene | mg/kg | 21 | 24 | 88 | 0.001 | 0.37 | 0.058 | 0.0863 | 0.0005 | 0.0005 | 0.125 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 17 | 24 | 71 | 0.0006 | 0.14 | 0.0323 | 0.0351 | 0.0004 | 0.14 | 0.0534 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 7 | 24 | 29 | 0.0059 | 0.041 | 0.0155 | 0.0121 | 0.0011 | 0.45 | 0.0123 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte05ft | cadmium | mg/kg | 10 | 24 | 42 | 0.0988 | 0.533 | 0.186 | 0.13 | 0.0883 | 0.0883 | 0.168 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte05ft | chrysene | mg/kg | 24 | 24 | 100 | 0.0023 | 1.3 | 0.192 | 0.314 | -- | -- | 0.331 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 402 249th st | lte05ft | cobalt | mg/kg | 24 | 24 | 100 | 5.09 | 7.72 | 6.308 | 0.647 | -- | -- | 6.535 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte05ft | copper | mg/kg | 24 | 24 | 100 | 6.49 | 17.2 | 9.11 | 2.485 | -- | -- | 9.964 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 6 | 24 | 25 | 0.0048 | 0.019 | 0.0107 | 0.00536 | 0.0007 | 0.27 | 0.0101 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 24 | 58 | 0.0019 | 0.051 | 0.0157 | 0.0124 | 0.0009 | 0.35 | 0.0154 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte05ft | lead | mg/kg | 24 | 24 | 100 | 1.82 | 29.9 | 8.218 | 7.069 | -- | -- | 10.82 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte05ft | naphthalene | mg/kg | 15 | 24 | 63 | 0.00033 | 5.6 | 0.393 | 1.441 | 0.00025 | 0.00034 | 1.274 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte05ft | pyrene | mg/kg | 24 | 24 | 100 | 0.0021 | 1.4 | 0.161 | 0.319 | -- | -- | 0.446 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 402 249th st | lte05ft | toluene | µg/kg | 14 | 24 | 58 | 0.12 | 0.83 | 0.286 | 0.198 | 0.12 | 12 | 0.284 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte05ft | tph as diesel | mg/kg | 22 | 24 | 92 | 7.9 | 11000 | 727.5 | 2306 | 4.8 | 4.8 | 2640 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 402 249th st | lte05ft | tph as gasoline | mg/kg | 9 | 24 | 38 | 0.062 | 290 | 32.37 | 96.61 | 0.048 | 0.057 | 66.85 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte05ft | tph as motor oil | mg/kg | 23 | 24 | 96 | 9.7 | 13000 | 1017 | 2652 | 7 | 7 | 3292 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 402 249th st | lte05ft | vanadium | mg/kg | 24 | 24 | 100 | 16.7 | 27.9 | 21.28 | 3.525 | -- | -- | 22.57 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 402 249th st | lte05ft | xylenes, total | µg/kg | 5 | 24 | 21 | 0.18 | 110 | 22.2 | 49.08 | 0.16 | 0.21 | 26.6 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte05ft | zinc | mg/kg | 24 | 24 | 100 | 18.8 | 82.9 | 32.9 | 14.95 | -- | -- | 37.97 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 32 | 19 | 0.26 | 130 | 22.18 | 52.82 | 0.088 | 0.12 | 23.42 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 12 | 32 | 38 | 0.0027 | 14 | 1.203 | 4.031 | 0.0011 | 0.086 | 2.412 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 27 | 32 | 84 | 0.0007 | 19 | 0.728 | 3.652 | 0.0006 | 0.012 | 3.208 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte10ft | arsenic | mg/kg | 32 | 32 | 100 | 0.694 | 3.6 | 2.271 | 0.905 | -- | -- | 2.543 | 95% Student's-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte10ft | bap teq | mg/kg | 31 | 32 | 97 | 0.000545 | 0.547 | 0.0553 | 0.109 | 0.00053 | 0.00053 | 0.136 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte10ft | benzene | µg/kg | 24 | 32 | 75 | 0.11 | 1.4 | 0.301 | 0.281 | 0.1 | 11 | 0.345 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte10ft | benzo (a) anthracene | mg/kg | 30 | 32 | 94 | 0.0009 | 0.71 | 0.0634 | 0.139 | 0.0007 | 0.0007 | 0.164 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte10ft | benzo (a) pyrene | mg/kg | 27 | 32 | 84 | 0.001 | 0.37 | 0.0458 | 0.0792 | 0.0005 | 0.0005 | 0.0962 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 22 | 32 | 69 | 0.0006 | 0.14 | 0.0255 | 0.0332 | 0.0004 | 0.14 | 0.0271 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 9 | 32 | 28 | 0.0012 | 0.041 | 0.0125 | 0.0121 | 0.0011 | 0.45 | 0.00759 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte10ft | cadmium | mg/kg | 10 | 32 | 31 | 0.0988 | 0.533 | 0.186 | 0.13 | 0.0883 | 0.0883 | 0.151 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte10ft | chrysene | mg/kg | 31 | 32 | 97 | 0.0021 | 1.3 | 0.151 | 0.285 | 0.0012 | 0.0012 | 0.364 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte10ft | cobalt | mg/kg | 32 | 32 | 100 | 5.09 | 10.5 | 6.918 | 1.348 | -- | -- | 7.319 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte10ft | copper | mg/kg | 32 | 32 | 100 | 6.49 | 17.2 | 9.508 | 2.33 | -- | -- | 10.21 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 9 | 32 | 28 | 0.0011 | 0.019 | 0.00752 | 0.00632 | 0.0007 | 0.27 | 0.00518 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 402 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 18 | 32 | 56 | 0.0011 | 0.051 | 0.0125 | 0.0124 | 0.0009 | 0.35 | 0.0119 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 402 249th st | lte10ft | lead | mg/kg | 32 | 32 | 100 | 1.82 | 29.9 | 7.131 | 6.421 | -- | -- | 8.966 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte10ft | naphthalene | mg/kg | 21 | 32 | 66 | 0.00033 | 5.6 | 0.281 | 1.219 | 0.00025 | 0.00034 | 0.953 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte10ft | pyrene | mg/kg | 32 | 32 | 100 | 0.0014 | 1.4 | 0.125 | 0.283 | -- | -- | 0.343 | 95% Chebyshev (Mean, Sd) UCL | Data appear Lognormal at 5% Significance Level |
| 402 249th st | lte10ft | toluene | µg/kg | 15 | 32 | 47 | 0.12 | 0.83 | 0.277 | 0.194 | 0.11 | 12 | 0.244 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte10ft | tph as diesel | mg/kg | 25 | 32 | 78 | 7.9 | 11000 | 641.9 | 2170 | 4.8 | 4.8 | 1995 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 402 249th st | lte10ft | tph as gasoline | mg/kg | 12 | 32 | 38 | 0.054 | 290 | 24.31 | 83.67 | 0.045 | 0.057 | 49.75 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte10ft | tph as motor oil | mg/kg | 26 | 32 | 81 | 9.7 | 13000 | 903.6 | 2509 | 7 | 7 | 2500 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 402 249th st | lte10ft | vanadium | mg/kg | 32 | 32 | 100 | 16.7 | 35.5 | 23.59 | 5.301 | -- | -- | 25.29 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 402 249th st | lte10ft | xylenes, total | µg/kg | 6 | 32 | 19 | 0.18 | 110 | 18.55 | 44.8 | 0.15 | 0.21 | 19.75 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 402 249th st | lte10ft | zinc | mg/kg | 32 | 32 | 100 | 18.8 | 82.9 | 33.08 | 12.97 | -- | -- | 36.78 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 12 | 50 | 0.091 | 0.58 | 0.27 | 0.172 | 0.089 | 0.13 | 0.291 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 12 | 12 | 100 | 0.0043 | 0.033 | 0.0134 | 0.009 | -- | -- | 0.0181 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte02ft | arsenic | mg/kg | 12 | 12 | 100 | 1.69 | 6.7 | 3.524 | 1.935 | -- | -- | 4.747 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 408 249th st | lte02ft | bap teq | mg/kg | 12 | 12 | 100 | 0.0145 | 0.128 | 0.0509 | 0.0308 | -- | -- | 0.0701 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte02ft | benzene | µg/kg | 6 | 12 | 50 | 0.44 | 9 | 2.855 | 3.251 | 0.1 | 0.12 | 3.225 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte02ft | benzo (a) anthracene | mg/kg | 12 | 12 | 100 | 0.0099 | 0.076 | 0.037 | 0.0215 | -- | -- | 0.0481 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte02ft | benzo (a) pyrene | mg/kg | 12 | 12 | 100 | 0.011 | 0.093 | 0.0371 | 0.0224 | -- | -- | 0.0487 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 12 | 12 | 100 | 0.0054 | 0.073 | 0.0242 | 0.0171 | -- | -- | 0.0342 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 11 | 12 | 92 | 0.0073 | 0.062 | 0.0191 | 0.0154 | 0.0056 | 0.0056 | 0.0372 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte02ft | cadmium | mg/kg | 7 | 12 | 58 | 0.132 | 1.34 | 0.488 | 0.412 | 0.0883 | 0.0883 | 0.552 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte02ft | chrysene | mg/kg | 12 | 12 | 100 | 0.026 | 0.22 | 0.106 | 0.0661 | -- | -- | 0.14 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte02ft | cobalt | mg/kg | 12 | 12 | 100 | 5.57 | 8.97 | 6.486 | 0.925 | -- | -- | 6.969 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte02ft | copper | mg/kg | 12 | 12 | 100 | 7.29 | 45.9 | 18.94 | 13.21 | -- | -- | 27.23 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 11 | 12 | 92 | 0.0042 | 0.026 | 0.00994 | 0.00595 | 0.0034 | 0.0034 | 0.0127 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 11 | 12 | 92 | 0.0083 | 0.049 | 0.0181 | 0.0116 | 0.0043 | 0.0043 | 0.023 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte02ft | lead | mg/kg | 12 | 12 | 100 | 5.3 | 127 | 22.54 | 33.54 | -- | -- | 41.66 | 95% H-UCL | Data appear Lognormal at 5% Significance Level |
| 408 249th st | lte02ft | naphthalene | mg/kg | 9 | 12 | 75 | 0.0036 | 0.028 | 0.0097 | 0.0074 | 0.00024 | 0.00032 | 0.0128 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 408 249th st | lte02ft | pyrene | mg/kg | 12 | 12 | 100 | 0.015 | 0.18 | 0.0735 | 0.0531 | -- | -- | 0.101 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte02ft | toluene | µg/kg | 8 | 12 | 67 | 0.13 | 2.2 | 0.863 | 0.794 | 0.11 | 0.13 | 1.005 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 408 249th st | lte02ft | tph as diesel | mg/kg | 12 | 12 | 100 | 24 | 140 | 56.5 | 31.95 | -- | -- | 75.67 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte02ft | tph as motor oil | mg/kg | 12 | 12 | 100 | 85 | 290 | 169.9 | 67.35 | -- | -- | 204.8 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte02ft | vanadium | mg/kg | 12 | 12 | 100 | 18.6 | 29.2 | 22.46 | 3.679 | -- | -- | 24.44 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 408 249th st | lte02ft | zinc | mg/kg | 12 | 12 | 100 | 24.5 | 185 | 61.06 | 44.72 | -- | -- | 86.77 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 10 | 18 | 56 | 0.091 | 0.58 | 0.254 | 0.16 | 0.089 | 0.13 | 0.246 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 6 | 18 | 33 | 0.0014 | 0.024 | 0.0111 | 0.00827 | 0.0011 | 0.0054 | 0.0106 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 16 | 18 | 89 | 0.0006 | 0.099 | 0.021 | 0.024 | 0.0006 | 0.0006 | 0.043 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | arsenic | mg/kg | 18 | 18 | 100 | 0.759 | 6.7 | 2.803 | 1.892 | -- | -- | 3.687 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 408 249th st | lte05ft | bap teq | mg/kg | 15 | 18 | 83 | 0.0145 | 0.239 | 0.0667 | 0.0563 | 0.00053 | 0.00053 | 0.0832 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | benzene | µg/kg | 9 | 18 | 50 | 0.19 | 9 | 2.018 | 2.861 | 0.1 | 0.12 | 2.024 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | benzo (a) anthracene | mg/kg | 15 | 18 | 83 | 0.0099 | 0.32 | 0.0625 | 0.0768 | 0.0007 | 0.0007 | 0.09 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | benzo (a) pyrene | mg/kg | 15 | 18 | 83 | 0.011 | 0.17 | 0.0483 | 0.04 | 0.0005 | 0.0005 | 0.0615 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 15 | 18 | 83 | 0.0054 | 0.082 | 0.0286 | 0.0213 | 0.0004 | 0.0004 | 0.0351 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 14 | 18 | 78 | 0.0071 | 0.062 | 0.0192 | 0.0147 | 0.0011 | 0.0056 | 0.0219 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | cadmium | mg/kg | 8 | 18 | 44 | 0.127 | 1.34 | 0.443 | 0.402 | 0.0883 | 0.0883 | 0.397 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | chrysene | mg/kg | 15 | 18 | 83 | 0.026 | 0.76 | 0.169 | 0.182 | 0.0012 | 0.0012 | 0.227 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | cobalt | mg/kg | 18 | 18 | 100 | 5.45 | 8.97 | 6.296 | 0.818 | -- | -- | 6.624 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 408 249th st | lte05ft | copper | mg/kg | 18 | 18 | 100 | 5.93 | 45.9 | 15.33 | 11.91 | -- | -- | 20.42 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 408 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 14 | 18 | 78 | 0.0042 | 0.042 | 0.0127 | 0.0101 | 0.0007 | 0.0034 | 0.0149 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 14 | 18 | 78 | 0.0083 | 0.049 | 0.0191 | 0.0117 | 0.0009 | 0.0043 | 0.0215 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | lead | mg/kg | 18 | 18 | 100 | 3.42 | 127 | 17.34 | 28.05 | -- | -- | 46.17 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 408 249th st | lte05ft | naphthalene | mg/kg | 13 | 18 | 72 | 0.0015 | 0.031 | 0.0111 | 0.00891 | 0.00024 | 0.00033 | 0.0123 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | pyrene | mg/kg | 16 | 18 | 89 | 0.0009 | 0.71 | 0.123 | 0.17 | 0.0008 | 0.0008 | 0.278 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | toluene | µg/kg | 11 | 18 | 61 | 0.13 | 2.2 | 0.707 | 0.717 | 0.11 | 0.13 | 0.793 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | tph as diesel | mg/kg | 15 | 18 | 83 | 24 | 350 | 82.27 | 81.2 | 4.8 | 4.8 | 107.7 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | tph as motor oil | mg/kg | 15 | 18 | 83 | 85 | 710 | 212.6 | 151.1 | 7 | 7 | 253.8 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte05ft | vanadium | mg/kg | 18 | 18 | 100 | 17.5 | 29.2 | 21.52 | 3.398 | -- | -- | 22.92 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 408 249th st | lte05ft | zinc | mg/kg | 18 | 18 | 100 | 20 | 185 | 50.33 | 39.32 | -- | -- | 65.8 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 408 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 13 | 24 | 54 | 0.091 | 0.58 | 0.229 | 0.147 | 0.089 | 0.13 | 0.212 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 7 | 24 | 29 | 0.0012 | 0.024 | 0.0097 | 0.00843 | 0.0011 | 0.0054 | 0.00905 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 408 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 22 | 24 | 92 | 0.0006 | 0.099 | 0.0157 | 0.0222 | 0.0006 | 0.0006 | 0.0337 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | arsenic | mg/kg | 24 | 24 | 100 | 0.759 | 6.7 | 2.871 | 1.673 | -- | -- | 3.521 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | bap teq | mg/kg | 21 | 24 | 88 | 0.00129 | 0.239 | 0.0489 | 0.0553 | 0.00053 | 0.00053 | 0.0912 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | benzene | µg/kg | 11 | 24 | 46 | 0.19 | 9 | 1.801 | 2.61 | 0.1 | 0.12 | 1.613 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 408 249th st | lte10ft | benzo (a) anthracene | mg/kg | 20 | 24 | 83 | 0.0007 | 0.32 | 0.048 | 0.0709 | 0.0007 | 0.0007 | 0.0998 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | benzo (a) pyrene | mg/kg | 21 | 24 | 88 | 0.0009 | 0.17 | 0.0354 | 0.0394 | 0.0005 | 0.0005 | 0.0655 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 21 | 24 | 88 | 0.0008 | 0.082 | 0.0209 | 0.0217 | 0.0004 | 0.0004 | 0.0375 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 17 | 24 | 71 | 0.0015 | 0.062 | 0.0161 | 0.0149 | 0.0011 | 0.0056 | 0.0172 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | cadmium | mg/kg | 8 | 24 | 33 | 0.127 | 1.34 | 0.443 | 0.402 | 0.0883 | 0.0883 | 0.331 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | chrysene | mg/kg | 21 | 24 | 88 | 0.0013 | 0.76 | 0.124 | 0.17 | 0.0012 | 0.0012 | 0.254 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | cobalt | mg/kg | 24 | 24 | 100 | 5.45 | 8.97 | 6.406 | 0.809 | -- | -- | 6.686 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 408 249th st | lte10ft | copper | mg/kg | 24 | 24 | 100 | 5.93 | 45.9 | 13.8 | 10.61 | -- | -- | 23.24 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 408 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 16 | 24 | 67 | 0.0012 | 0.042 | 0.0113 | 0.0101 | 0.0007 | 0.0034 | 0.0116 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 17 | 24 | 71 | 0.0013 | 0.049 | 0.016 | 0.0126 | 0.0009 | 0.0043 | 0.0166 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | lead | mg/kg | 24 | 24 | 100 | 3.42 | 127 | 14.39 | 24.68 | -- | -- | 36.34 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 408 249th st | lte10ft | naphthalene | mg/kg | 16 | 24 | 67 | 0.0011 | 0.031 | 0.00938 | 0.00882 | 0.00024 | 0.00033 | 0.00966 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | pyrene | mg/kg | 22 | 24 | 92 | 0.0009 | 0.71 | 0.0911 | 0.153 | 0.0008 | 0.0008 | 0.216 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | toluene | µg/kg | 13 | 24 | 54 | 0.13 | 2.2 | 0.672 | 0.661 | 0.11 | 0.13 | 0.62 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | tph as diesel | mg/kg | 17 | 24 | 71 | 4.9 | 350 | 82.29 | 80.76 | 4.8 | 4.8 | 89.96 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | tph as motor oil | mg/kg | 20 | 24 | 83 | 8.8 | 710 | 179.4 | 158.4 | 7 | 7 | 217.1 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 408 249th st | lte10ft | vanadium | mg/kg | 24 | 24 | 100 | 17.5 | 34.5 | 23.94 | 5.281 | -- | -- | 25.81 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 408 249th st | lte10ft | zinc | mg/kg | 24 | 24 | 100 | 20 | 185 | 45.62 | 34.84 | -- | -- | 76.62 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | 1,2,4-trimethylbenzene | µg/kg | 6 | 21 | 29 | 0.15 | 6.7 | 1.397 | 2.609 | 0.088 | 0.1 | 1.08 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 412 249th st | gt05lte10ft | 1-methylnaphthalene | mg/kg | 9 | 21 | 43 | 0.0012 | 0.081 | 0.0204 | 0.032 | 0.0011 | 4.3 | 0.0211 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | gt05lte10ft | 2-methylnaphthalene | mg/kg | 15 | 21 | 71 | 0.0007 | 0.3 | 0.0336 | 0.0816 | 0.0006 | 2.4 | 0.0958 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | arsenic | mg/kg | 21 | 21 | 100 | 3.17 | 11.5 | 5.697 | 1.673 | -- | -- | 6.327 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | gt05lte10ft | bap teq | mg/kg | 17 | 21 | 81 | 0.000744 | 16.19 | 1.03 | 3.912 | 0.00053 | 0.00053 | 4.205 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | benzene | µg/kg | 6 | 21 | 29 | 0.11 | 0.34 | 0.157 | 0.0905 | 0.1 | 0.12 | 0.145 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | benzo (a) anthracene | mg/kg | 15 | 21 | 71 | 0.0008 | 22 | 1.586 | 5.656 | 0.0007 | 0.013 | 5.734 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 412 249th st | gt05lte10ft | benzo (a) pyrene | mg/kg | 16 | 21 | 76 | 0.0006 | 12 | 0.807 | 2.988 | 0.0005 | 0.0005 | 3.119 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | benzo (b) fluoranthene | mg/kg | 12 | 21 | 57 | 0.0006 | 6.8 | 0.605 | 1.953 | 0.0004 | 0.007 | 1.781 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | gt05lte10ft | benzo (k) fluoranthene | mg/kg | 5 | 21 | 24 | 0.0031 | 0.11 | 0.0306 | 0.046 | 0.0011 | 4.5 | 0.0203 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | gt05lte10ft | chrysene | mg/kg | 17 | 21 | 81 | 0.0013 | 45 | 2.917 | 10.87 | 0.0012 | 0.0012 | 11.73 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | gt05lte10ft | cobalt | mg/kg | 21 | 21 | 100 | 4.74 | 15.3 | 8.111 | 2.355 | -- | -- | 9.007 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | gt05lte10ft | copper | mg/kg | 21 | 21 | 100 | 6.02 | 29.8 | 10.55 | 5.2 | -- | -- | 12.63 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | dibenz (a,h) anthracene | mg/kg | 7 | 21 | 33 | 0.0009 | 0.15 | 0.0359 | 0.0571 | 0.0007 | 2.7 | 0.0505 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | gt05lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 7 | 21 | 33 | 0.0012 | 0.15 | 0.0356 | 0.0559 | 0.0009 | 3.5 | 0.0278 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 412 249th st | gt05lte10ft | lead | mg/kg | 21 | 21 | 100 | 4.66 | 117 | 13.41 | 24.7 | -- | -- | 36.9 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | naphthalene | mg/kg | 12 | 21 | 57 | 0.00039 | 0.12 | 0.0185 | 0.0351 | 0.00025 | 0.0036 | 0.0229 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | gt05lte10ft | pyrene | mg/kg | 18 | 21 | 86 | 0.0008 | 99 | 5.645 | 23.3 | 0.0008 | 0.0008 | 25.45 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | thallium | mg/kg | 18 | 21 | 86 | 0.589 | 3.17 | 1.38 | 0.715 | 0.0987 | 0.232 | 1.538 | 95% KM (t) UCL | Data appear Normal at 5% Significance Level |
| 412 249th st | gt05lte10ft | tph as diesel | mg/kg | 12 | 21 | 57 | 8.4 | 54000 | 4614 | 15553 | 4.8 | 4.8 | 14051 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | tph as gasoline | mg/kg | 8 | 21 | 38 | 0.05 | 12 | 1.626 | 4.195 | 0.046 | 0.051 | 3.233 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | tph as motor oil | mg/kg | 12 | 21 | 57 | 23 | 78000 | 6741 | 22443 | 7 | 7 | 20334 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | vanadium | mg/kg | 21 | 21 | 100 | 20.5 | 70.7 | 34.61 | 9.664 | -- | -- | 38.44 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | gt05lte10ft | zinc | mg/kg | 21 | 21 | 100 | 28.2 | 65.9 | 37.59 | 9.717 | -- | -- | 41.39 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte02ft | 1,2,4-trimethylbenzene | µg/kg | 11 | 37 | 30 | 0.12 | 2.8 | 0.505 | 0.777 | 0.087 | 0.11 | 0.399 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte02ft | 1-methylnaphthalene | mg/kg | 18 | 37 | 49 | 0.0011 | 3.3 | 0.189 | 0.776 | 0.0011 | 0.086 | 0.487 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte02ft | 2-methylnaphthalene | mg/kg | 31 | 37 | 84 | 0.0009 | 1.4 | 0.0597 | 0.249 | 0.0006 | 0.012 | 0.215 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte02ft | arsenic | mg/kg | 37 | 37 | 100 | 1.56 | 7.33 | 4.198 | 1.752 | -- | -- | 4.744 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte02ft | bap teq | mg/kg | 36 | 37 | 97 | 0.00091 | 0.179 | 0.0388 | 0.0457 | 0.00053 | 0.00053 | 0.0703 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte02ft | benzene | µg/kg | 23 | 37 | 62 | 0.12 | 1.3 | 0.3 | 0.265 | 0.1 | 0.13 | 0.316 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte02ft | benzo (a) anthracene | mg/kg | 33 | 37 | 89 | 0.0007 | 0.2 | 0.0393 | 0.052 | 0.0007 | 0.0007 | 0.0714 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte02ft | benzo (a) pyrene | mg/kg | 35 | 37 | 95 | 0.0006 | 0.13 | 0.0268 | 0.0318 | 0.0005 | 0.039 | 0.0482 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte02ft | benzo (b) fluoranthene | mg/kg | 33 | 37 | 89 | 0.0005 | 0.19 | 0.0224 | 0.0354 | 0.0004 | 0.007 | 0.0445 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte02ft | benzo (k) fluoranthene | mg/kg | 20 | 37 | 54 | 0.0012 | 0.16 | 0.0148 | 0.0347 | 0.0011 | 0.045 | 0.028 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte02ft | cadmium | mg/kg | 25 | 37 | 68 | 0.0886 | 0.29 | 0.141 | 0.0439 | 0.0099 | 0.0883 | 0.137 | 95% KM (Percentile Bootstrap) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte02ft | chrysene | mg/kg | 35 | 37 | 95 | 0.0013 | 0.61 | 0.104 | 0.157 | 0.0012 | 0.0012 | 0.209 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte02ft | cobalt | mg/kg | 37 | 37 | 100 | 4.44 | 13.2 | 6.588 | 2.048 | -- | -- | 7.175 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte02ft | copper | mg/kg | 37 | 37 | 100 | 5.22 | 28.5 | 10.56 | 5.344 | -- | -- | 12.1 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte02ft | dibenz (a,h) anthracene | mg/kg | 26 | 37 | 70 | 0.0007 | 0.072 | 0.0118 | 0.0173 | 0.0007 | 0.013 | 0.0197 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 412 249th st | lte02ft | indeno (1,2,3-c,d) pyrene | mg/kg | 29 | 37 | 78 | 0.0011 | 0.13 | 0.0165 | 0.0248 | 0.0009 | 0.017 | 0.0297 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte02ft | lead | mg/kg | 37 | 37 | 100 | 1.34 | 381 | 21.67 | 61.37 | -- | -- | 65.65 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte02ft | naphthalene | mg/kg | 26 | 37 | 70 | 0.001 | 0.59 | 0.0304 | 0.115 | 0.00024 | 0.00032 | 0.0912 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte02ft | pyrene | mg/kg | 35 | 37 | 95 | 0.0008 | 1.5 | 0.116 | 0.285 | 0.0008 | 0.0008 | 0.309 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte02ft | thallium | mg/kg | 31 | 37 | 84 | 0.325 | 2.77 | 0.953 | 0.591 | 0.0987 | 0.232 | 1.046 | 95% KM (BCA) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte02ft | toluene | µg/kg | 17 | 37 | 46 | 0.12 | 0.68 | 0.201 | 0.133 | 0.11 | 0.15 | 0.187 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte02ft | tph as diesel | mg/kg | 31 | 37 | 84 | 5.1 | 4200 | 300.8 | 773.9 | 4.8 | 4.8 | 766.6 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte02ft | tph as gasoline | mg/kg | 8 | 37 | 22 | 0.05 | 0.15 | 0.0766 | 0.0375 | 0.044 | 0.055 | 0.0616 | 95% KM (t) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 412 249th st | lte02ft | tph as motor oil | mg/kg | 32 | 37 | 86 | 7.5 | 5100 | 631.3 | 1149 | 7 | 7 | 1328 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte02ft | vanadium | mg/kg | 37 | 37 | 100 | 16.1 | 41.6 | 23.77 | 6.189 | -- | -- | 25.47 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte02ft | zinc | mg/kg | 37 | 37 | 100 | 21.5 | 212 | 44.58 | 31.37 | -- | -- | 53.92 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | 1,2,4-trimethylbenzene | µg/kg | 16 | 56 | 29 | 0.12 | 2.8 | 0.418 | 0.65 | 0.087 | 0.12 | 0.301 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | 1-methylnaphthalene | mg/kg | 27 | 56 | 48 | 0.0011 | 3.3 | 0.131 | 0.633 | 0.0011 | 0.86 | 0.323 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | 2-methylnaphthalene | mg/kg | 45 | 56 | 80 | 0.0007 | 1.4 | 0.0484 | 0.208 | 0.0006 | 0.48 | 0.148 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte05ft | arsenic | mg/kg | 56 | 56 | 100 | 1.12 | 10.4 | 3.839 | 1.942 | -- | -- | 4.298 | 95% Approximate Gamma UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte05ft | bap teq | mg/kg | 54 | 56 | 96 | 0.000595 | 0.475 | 0.0543 | 0.0848 | 0.00053 | 0.00053 | 0.101 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | benzene | µg/kg | 31 | 56 | 55 | 0.12 | 1.3 | 0.274 | 0.235 | 0.1 | 0.14 | 0.25 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | benzo (a) anthracene | mg/kg | 49 | 56 | 88 | 0.0007 | 0.61 | 0.0629 | 0.115 | 0.0007 | 0.0007 | 0.119 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte05ft | benzo (a) pyrene | mg/kg | 51 | 56 | 91 | 0.0006 | 0.2 | 0.0337 | 0.0452 | 0.0005 | 0.39 | 0.0576 | 95% KM (Chebyshev) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 412 249th st | lte05ft | benzo (b) fluoranthene | mg/kg | 48 | 56 | 86 | 0.0005 | 0.19 | 0.0239 | 0.034 | 0.0004 | 0.28 | 0.0402 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte05ft | benzo (k) fluoranthene | mg/kg | 30 | 56 | 54 | 0.0012 | 0.16 | 0.0176 | 0.0318 | 0.0011 | 0.9 | 0.0179 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 412 249th st | lte05ft | cadmium | mg/kg | 26 | 56 | 46 | 0.0886 | 0.29 | 0.141 | 0.043 | 0.0099 | 0.0883 | 0.122 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte05ft | chromium, hexavalent | mg/kg | 6 | 56 | 11 | 0.16 | 0.41 | 0.252 | 0.0893 | 0.22 | 0.22 | 0.235 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 412 249th st | lte05ft | chrysene | mg/kg | 51 | 56 | 91 | 0.0013 | 3.4 | 0.196 | 0.504 | 0.0012 | 0.0012 | 0.461 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte05ft | cobalt | mg/kg | 56 | 56 | 100 | 4.44 | 15.2 | 6.526 | 2.322 | -- | -- | 7.061 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | copper | mg/kg | 56 | 56 | 100 | 3.71 | 29.8 | 9.949 | 5.702 | -- | -- | 11.26 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | dibenz (a,h) anthracene | mg/kg | 36 | 56 | 64 | 0.0007 | 0.072 | 0.0125 | 0.0164 | 0.0007 | 0.54 | 0.0118 | 95% KM (BCA) UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |

**Table B-1**
**Summary of Exposure Point Concentrations, Soil - Residential Properties**

| Property Address | Depth Interval | Constituent of Concern[1] | Unit | Number of Detects[2] | Number of Samples[2] | Percent Detected % | Minimum Detected | Maximum Detected | Mean of Detected | Standard Deviation of Detected | Minimum Reporting Limit | Maximum Reporting Limit | Final EPC | Basis for EPC | Statistical Distribution (at 5% Significance Level) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 412 249th st | lte05ft | indeno (1,2,3-c,d) pyrene | mg/kg | 41 | 56 | 73 | 0.0009 | 0.13 | 0.0157 | 0.0223 | 0.0009 | 0.69 | 0.024 | 95% KM (Chebyshev) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte05ft | lead | mg/kg | 56 | 56 | 100 | 1.34 | 381 | 18.7 | 52.24 | -- | -- | 49.13 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | naphthalene | mg/kg | 40 | 56 | 71 | 0.001 | 0.59 | 0.0238 | 0.0925 | 0.00024 | 0.00033 | 0.0632 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | pyrene | mg/kg | 53 | 56 | 95 | 0.0008 | 5.8 | 0.223 | 0.819 | 0.0008 | 0.0008 | 0.676 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte05ft | thallium | mg/kg | 46 | 56 | 82 | 0.325 | 2.77 | 0.96 | 0.571 | 0.0987 | 0.232 | 1.18 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte05ft | toluene | µg/kg | 19 | 56 | 34 | 0.12 | 0.68 | 0.198 | 0.126 | 0.11 | 0.15 | 0.171 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | tph as diesel | mg/kg | 43 | 56 | 77 | 5.1 | 14000 | 579.8 | 2198 | 4.8 | 4.8 | 1577 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte05ft | tph as gasoline | mg/kg | 13 | 56 | 23 | 0.05 | 0.55 | 0.14 | 0.162 | 0.044 | 0.068 | 0.0919 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte05ft | tph as motor oil | mg/kg | 44 | 56 | 79 | 7.5 | 34000 | 1316 | 5141 | 7 | 7 | 3709 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte05ft | vanadium | mg/kg | 56 | 56 | 100 | 15.3 | 44.1 | 23.19 | 7.026 | -- | -- | 24.7 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 412 249th st | lte05ft | zinc | mg/kg | 56 | 56 | 100 | 17.9 | 212 | 41.1 | 28.99 | -- | -- | 47.93 | 95% Modified-t UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | 1,2,4-trimethylbenzene | µg/kg | 22 | 77 | 29 | 0.12 | 6.7 | 0.685 | 1.456 | 0.087 | 0.12 | 0.46 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte10ft | 1-methylnaphthalene | mg/kg | 36 | 77 | 47 | 0.0011 | 3.3 | 0.103 | 0.548 | 0.0011 | 4.3 | 0.24 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte10ft | 2-methylnaphthalene | mg/kg | 60 | 77 | 78 | 0.0007 | 1.4 | 0.0447 | 0.184 | 0.0006 | 2.4 | 0.118 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | arsenic | mg/kg | 77 | 77 | 100 | 1.12 | 11.5 | 4.346 | 2.039 | -- | -- | 4.733 | 95% Student's-t UCL | Data appear Normal at 5% Significance Level |
| 412 249th st | lte10ft | bap teq | mg/kg | 71 | 77 | 92 | 0.000595 | 16.19 | 0.288 | 1.918 | 0.00053 | 0.00053 | 1.181 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | benzene | µg/kg | 37 | 77 | 48 | 0.11 | 1.3 | 0.255 | 0.221 | 0.1 | 0.14 | 0.214 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte10ft | benzo (a) anthracene | mg/kg | 64 | 77 | 83 | 0.0007 | 22 | 0.42 | 2.746 | 0.0007 | 0.013 | 1.595 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | benzo (a) pyrene | mg/kg | 67 | 77 | 87 | 0.0006 | 12 | 0.218 | 1.463 | 0.0005 | 0.39 | 0.87 | 95% KM (Chebyshev) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte10ft | benzo (b) fluoranthene | mg/kg | 60 | 77 | 78 | 0.0005 | 6.8 | 0.14 | 0.876 | 0.0004 | 0.28 | 0.495 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | benzo (k) fluoranthene | mg/kg | 35 | 77 | 45 | 0.0012 | 0.16 | 0.0194 | 0.0337 | 0.0011 | 4.5 | 0.0153 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | cadmium | mg/kg | 28 | 77 | 36 | 0.0886 | 0.29 | 0.144 | 0.0485 | 0.0099 | 0.0883 | 0.116 | 95% KM (t) UCL | Data appear Gamma Distributed at 5% Significance Level |
| 412 249th st | lte10ft | chromium, hexavalent | mg/kg | 8 | 77 | 10 | 0.16 | 0.41 | 0.265 | 0.0805 | 0.22 | 0.22 | 0.242 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 412 249th st | lte10ft | chrysene | mg/kg | 68 | 77 | 88 | 0.0013 | 45 | 0.876 | 5.459 | 0.0012 | 0.0012 | 3.326 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | cobalt | mg/kg | 77 | 77 | 100 | 4.44 | 15.3 | 6.958 | 2.422 | -- | -- | 7.427 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte10ft | copper | mg/kg | 77 | 77 | 100 | 3.71 | 29.8 | 10.11 | 5.542 | -- | -- | 11.19 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte10ft | dibenz (a,h) anthracene | mg/kg | 43 | 77 | 56 | 0.0007 | 0.15 | 0.0163 | 0.0277 | 0.0007 | 2.7 | 0.021 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | indeno (1,2,3-c,d) pyrene | mg/kg | 48 | 77 | 62 | 0.0009 | 0.15 | 0.0186 | 0.0295 | 0.0009 | 3.5 | 0.025 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | lead | mg/kg | 77 | 77 | 100 | 1.34 | 381 | 17.26 | 46.27 | -- | -- | 40.24 | 95% Chebyshev (Mean, Sd) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte10ft | naphthalene | mg/kg | 52 | 77 | 68 | 0.00039 | 0.59 | 0.0226 | 0.0825 | 0.00024 | 0.0036 | 0.0495 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | pyrene | mg/kg | 71 | 77 | 92 | 0.0008 | 99 | 1.598 | 11.75 | 0.0008 | 0.0008 | 7.081 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | thallium | mg/kg | 64 | 77 | 83 | 0.325 | 3.17 | 1.078 | 0.638 | 0.0987 | 0.232 | 1.086 | 95% KM (BCA) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | toluene | µg/kg | 22 | 77 | 29 | 0.12 | 0.68 | 0.189 | 0.119 | 0.11 | 0.29 | 0.156 | 95% KM (% Bootstrap) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte10ft | tph as diesel | mg/kg | 55 | 77 | 71 | 5.1 | 54000 | 1460 | 7474 | 4.8 | 4.8 | 4199 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | tph as gasoline | mg/kg | 21 | 77 | 27 | 0.05 | 12 | 0.706 | 2.593 | 0.044 | 0.068 | 0.545 | 95% KM (BCA) UCL | Data do not follow a Discernable Distribution (0.05) |
| 412 249th st | lte10ft | tph as motor oil | mg/kg | 56 | 77 | 73 | 7.5 | 78000 | 2479 | 11245 | 7 | 7 | 6600 | 95% KM (Chebyshev) UCL | Data appear Lognormal at 5% Significance Level |
| 412 249th st | lte10ft | vanadium | mg/kg | 77 | 77 | 100 | 15.3 | 70.7 | 26.3 | 9.301 | -- | -- | 28 | 95% Approximate Gamma UCL | Data Follow Appr. Gamma Distribution at 5% Significance Level |
| 412 249th st | lte10ft | xylenes, total | µg/kg | 6 | 77 | 7.8 | 0.21 | 2.6 | 1.043 | 0.979 | 0.15 | 0.21 | 0.652 | 95% KM (Percentile Bootstrap) UCL | Data appear Normal at 5% Significance Level |
| 412 249th st | lte10ft | zinc | mg/kg | 77 | 77 | 100 | 17.9 | 212 | 40.14 | 25.21 | -- | -- | 45.18 | 95% Modified-t UCL | Data do not follow a Discernable Distribution (0.05) |

Notes:
"--" not available or not applicable
EPC - Exposure Point Concentration
µg/kg = micrograms per kilogram; mg/kg = milligrams per kilogram
lte2ft = less than or equal (<) to 2 feet below ground surface (ft bgs)
lte5ft = < to 5 ft bgs
lte10ft = < to 10 ft bgs
gt05lte10ft = greater than 5 to < 10 ft bgs
Sample statistics consider results from primary and QA / QC samples (duplicates / splits)
[1] Results shown for those analytes for which a 95 percent Upper Confidence Limit (UCL) was calculated
[2] Sample size and number of detects / non-detects are calculated considering one result per location / depth / date
TPHd = Total Petroleum Hydrocarbons- diesel range; TPHg = gasoline range; TPHmo = motor oil range

# APPENDIX C

# SITE-SPECIFIC CLEANUP GOAL DERIVATION

**Appendix C, Table C-1**
**Derivation of Site-Specific Cleanup Goals, Soil**
**Onsite Resident**

| CAS Number | Constituent of Concern | Noncancer Effects | | | | | | | Cancer Effects | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | |
| | | $IF_{oral}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $IF_{dermal}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Reference Concentration ($mg/m^3$) | **$SSCG_{soil-nc}$** (mg/kg) | $IF_{oral}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $IF_{dermal}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | **$SSCG_{soil-c}$** (mg/kg) |
| | **Inorganics** | | | | | | | | | | | | | | |
| 7440-36-0 | Antimony | 1.3E-05 | 4.0E-04 | -- | 6.0E-05 | 8.3E-12 | NA | **3.1E+01** | 1.6E-06 | NC | -- | NC | 3.6E-12 | NC | **--** |
| 7440-38-2 | Arsenic | 1.3E-05 | 3.0E-04 | 1.1E-06 | 3.0E-04 | 8.3E-12 | 1.5E-05 | **2.2E+01** | 1.6E-06 | 9.5E+00 | 1.5E-07 | 9.5E+00 | 3.6E-12 | 3.3E-03 | **6.1E-02** |
| 7440-43-9 | Cadmium | 1.3E-05 | 1.0E-03 | 3.6E-08 | 2.5E-05 | 8.3E-12 | 2.0E-05 | **7.0E+01** | 1.6E-06 | NC | 4.9E-09 | NC | 3.6E-12 | 4.2E-03 | **6.7E+04** |
| 18540-29-9 | Chromium VI | 1.3E-05 | 3.0E-03 | -- | 7.5E-05 | 8.3E-12 | 1.0E-04 | **2.3E+02** | 1.6E-06 | 5.0E-01 | -- | NC | 3.6E-12 | 1.5E-01 | **1.3E+00** |
| 7440-48-4 | Cobalt | 1.3E-05 | 3.0E-04 | -- | 3.0E-04 | 8.3E-12 | 6.0E-06 | **2.3E+01** | 1.6E-06 | NC | -- | NC | 3.6E-12 | 9.0E-03 | **3.1E+04** |
| 7440-50-8 | Copper | 1.3E-05 | 4.0E-02 | -- | 4.0E-02 | 8.3E-12 | NA | **3.1E+03** | 1.6E-06 | NC | -- | NC | 3.6E-12 | NC | **--** |
| 7439-92-1 | Lead | 1.3E-05 | NA | -- | NA | 8.3E-12 | NA | **--** | 1.6E-06 | NC | -- | NC | 3.6E-12 | NC | **--** |
| 7440-28-0 | Thallium | 1.3E-05 | 1.0E-05 | -- | 1.0E-05 | 8.3E-12 | NA | **7.8E-01** | 1.6E-06 | NC | -- | NC | 3.6E-12 | NC | **--** |
| 7440-62-2 | Vanadium | 1.3E-05 | 5.0E-03 | -- | 5.0E-03 | 8.3E-12 | 1.0E-04 | **3.9E+02** | 1.6E-06 | NC | -- | NC | 3.6E-12 | NC | **--** |
| 7440-66-6 | Zinc | 1.3E-05 | 3.0E-01 | -- | 3.0E-01 | 8.3E-12 | NA | **2.3E+04** | 1.6E-06 | NC | -- | NC | 3.6E-12 | NC | **--** |
| | **PAHs** | | | | | | | | | | | | | | |
| 56-55-3 | Benz[a]anthracene | 1.3E-05 | NA | 4.7E-06 | NA | 8.3E-12 | NA | **--** | 1.6E-06 | 2.9E-01 | 6.4E-07 | 2.9E-01 | 3.6E-12 | 1.1E-04 | **1.6E+00** |
| 50-32-8 | Benzo[a]pyrene | 1.3E-05 | NA | 4.7E-06 | NA | 8.3E-12 | NA | **--** | 1.6E-06 | 2.9E+00 | 6.4E-07 | 2.9E+00 | 3.6E-12 | 1.1E-03 | **1.6E-01** |
| 205-99-2 | Benzo[b]fluoranthene | 1.3E-05 | NA | 4.7E-06 | NA | 8.3E-12 | NA | **--** | 1.6E-06 | 2.9E-01 | 6.4E-07 | 2.9E-01 | 3.6E-12 | 1.1E-04 | **1.6E+00** |
| 207-08-9 | Benzo[k]fluoranthene | 1.3E-05 | NA | 4.7E-06 | NA | 8.3E-12 | NA | **--** | 1.6E-06 | 2.9E-01 | 6.4E-07 | 2.9E-01 | 3.6E-12 | 1.1E-04 | **1.6E+00** |
| 218-01-9 | Chrysene | 1.3E-05 | NA | 4.7E-06 | NA | 8.3E-12 | NA | **--** | 1.6E-06 | 2.9E-02 | 6.4E-07 | 2.9E-02 | 3.6E-12 | 1.1E-05 | **1.6E+01** |
| 53-70-3 | Dibenz[a,h]anthracene | 1.3E-05 | NA | 4.7E-06 | NA | 8.3E-12 | NA | **--** | 1.6E-06 | 4.1E+00 | 6.4E-07 | 4.1E+00 | 3.6E-12 | 1.2E-03 | **1.1E-01** |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 1.3E-05 | NA | 4.7E-06 | NA | 8.3E-12 | NA | **--** | 1.6E-06 | 2.9E-01 | 6.4E-07 | 2.9E-01 | 3.6E-12 | 1.1E-04 | **1.6E+00** |
| 90-12-0 | Methylnaphthalene, 1- | 1.3E-05 | 7.0E-02 | 4.7E-06 | 7.0E-02 | 1.4E-05 | NA | **4.0E+03** | 1.6E-06 | 2.9E-02 | 6.4E-07 | 2.9E-02 | 5.9E-06 | NC | **1.6E+01** |
| 91-57-6 | Methylnaphthalene, 2- | 1.3E-05 | 4.0E-03 | 4.7E-06 | 4.0E-03 | 1.4E-05 | NA | **2.3E+02** | 1.6E-06 | NC | 6.4E-07 | NC | 6.1E-06 | NC | **--** |
| 91-20-3 | Naphthalene | 1.3E-05 | 2.0E-02 | 4.7E-06 | 2.0E-02 | 1.7E-05 | 3.0E-03 | **1.5E+02** | 1.6E-06 | NC | 6.4E-07 | NC | 7.4E-06 | 3.4E-05 | **4.0E+00** |
| 129-00-0 | Pyrene | 1.3E-05 | 3.0E-02 | 4.7E-06 | 3.0E-02 | 2.5E-07 | 1.1E-01 | **1.7E+03** | 1.6E-06 | NC | 6.4E-07 | NC | 1.1E-07 | NC | **--** |
| | **TPH** | | | | | | | | | | | | | | |
| | Aliphatic: C5-C8 | 1.3E-05 | 4.0E-02 | 4.7E-06 | 4.0E-02 | 6.8E-04 | 7.0E-01 | **7.1E+02** | 1.6E-06 | NC | 6.4E-07 | NC | 2.9E-04 | NC | **--** |
| | Aliphatic: C9-C18 | 1.3E-05 | 1.0E-01 | 4.7E-06 | 1.0E-01 | 1.6E-04 | 3.0E-01 | **1.4E+03** | 1.6E-06 | NC | 6.4E-07 | NC | 6.7E-05 | NC | **--** |
| | Aliphatic: C19-C32 | 1.3E-05 | 2.0E+00 | 4.7E-06 | 2.0E+00 | -- | NA | **1.1E+05** | 1.6E-06 | NC | 6.4E-07 | NC | -- | NC | **--** |
| | Aromatic: C6-C8 | 1.3E-05 | NA | 4.7E-06 | NA | 2.2E-04 | NA | **--** | 1.6E-06 | NC | 6.4E-07 | NC | 9.6E-05 | NC | **--** |
| | Aromatic: C9-C16 | 1.3E-05 | 3.0E-02 | 4.7E-06 | 3.0E-02 | 5.3E-05 | 5.0E-02 | **6.0E+02** | 1.6E-06 | NC | 6.4E-07 | NC | 2.3E-05 | NC | **--** |
| | Aromatic: C17-C32 | 1.3E-05 | 3.0E-02 | 4.7E-06 | 3.0E-02 | -- | NA | **1.7E+03** | 1.6E-06 | NC | 6.4E-07 | NC | -- | NC | **--** |

**Appendix C, Table C-1**
**Derivation of Site-Specific Cleanup Goals, Soil**
**Onsite Resident**

| CAS Number | Constituent of Concern | Noncancer Effects | | | | | | | Cancer Effects | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | |
| | | $IF_{oral}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $IF_{dermal}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Reference Concentration ($mg/m^3$) | **$SSCG_{soil-nc}$** (mg/kg) | $IF_{oral}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $IF_{dermal}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | **$SSCG_{soil-c}$** (mg/kg) |
| | **SVOCs** | | | | | | | | | | | | | | |
| 121-14-2 | 2,4-Dinitrotoluene | 1.3E-05 | 2.0E-03 | 3.7E-06 | 2.0E-03 | 8.3E-12 | 7.0E-03 | **1.2E+02** | 1.6E-06 | 3.1E-01 | 5.0E-07 | 3.1E-01 | 3.6E-12 | 8.9E-05 | **1.6E+00** |
| 117-81-7 | Bis(2-Ethylhexyl) Phthalate | 1.3E-05 | 2.0E-02 | 3.6E-06 | 2.0E-02 | 8.3E-12 | 7.0E-02 | **1.2E+03** | 1.6E-06 | 1.4E-02 | 4.9E-07 | 1.4E-02 | 3.6E-12 | 2.4E-06 | **3.5E+01** |
| | **VOCs** | | | | | | | | | | | | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.3E-05 | 2.0E-02 | -- | 2.0E-02 | 6.9E-05 | 7.0E-02 | **6.2E+02** | 1.6E-06 | 2.7E-01 | -- | 2.7E-01 | 2.9E-05 | 5.8E-05 | **4.7E-01** |
| 96-18-4 | 1,2,3-Trichloropropane | 1.3E-05 | 4.0E-03 | -- | 4.0E-03 | 1.3E-04 | 3.0E-04 | **2.4E+00** | 1.6E-06 | 3.0E+01 | -- | 3.0E+01 | 5.4E-05 | NC | **2.1E-02** |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.3E-05 | 1.0E-02 | -- | 1.0E-02 | 7.6E-05 | 7.0E-03 | **8.3E+01** | 1.6E-06 | NC | -- | NC | 3.2E-05 | NC | **--** |
| 78-87-5 | 1,2-Dichloropropane | 1.3E-05 | 9.0E-02 | -- | 9.0E-02 | 2.7E-04 | 4.0E-03 | **1.5E+01** | 1.6E-06 | 3.6E-02 | -- | 3.6E-02 | 1.2E-04 | 1.0E-05 | **8.3E-01** |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.3E-05 | 1.0E-02 | -- | 1.0E-02 | 7.4E-05 | 7.0E-03 | **8.5E+01** | 1.6E-06 | NC | -- | NC | 3.2E-05 | NC | **--** |
| 106-46-7 | 1,4-Dichlorobenzene | 1.3E-05 | 7.0E-02 | -- | 7.0E-02 | 7.4E-05 | 8.0E-01 | **3.6E+03** | 1.6E-06 | 5.4E-03 | -- | 5.4E-03 | 3.2E-05 | 1.1E-05 | **2.8E+00** |
| 71-43-2 | Benzene | 1.3E-05 | 4.0E-03 | -- | 4.0E-03 | 3.5E-04 | 3.0E-02 | **6.7E+01** | 1.6E-06 | 1.0E-01 | -- | 1.0E-01 | 1.5E-04 | 2.9E-05 | **2.2E-01** |
| 75-27-4 | Bromodichloromethane | 1.3E-05 | 2.0E-02 | -- | 2.0E-02 | 1.2E-04 | 7.0E-02 | **4.3E+02** | 1.6E-06 | 1.3E-01 | -- | 1.3E-01 | 5.0E-05 | 3.7E-05 | **4.9E-01** |
| 74-83-9 | Bromomethane | 1.3E-05 | 1.4E-03 | -- | 1.4E-03 | 5.2E-04 | 5.0E-03 | **8.8E+00** | 1.6E-06 | NC | -- | NC | 2.2E-04 | NC | **--** |
| 100-41-4 | Ethylbenzene | 1.3E-05 | 1.0E-01 | -- | 1.0E-01 | 1.8E-04 | 1.0E+00 | **3.3E+03** | 1.6E-06 | 1.1E-02 | -- | 1.1E-02 | 7.7E-05 | 2.5E-06 | **4.8E+00** |
| 75-09-2 | Methylene chloride | 1.3E-05 | 6.0E-03 | -- | 6.0E-03 | 3.9E-04 | 6.0E-01 | **3.6E+02** | 1.6E-06 | 1.4E-02 | -- | 1.4E-02 | 1.7E-04 | 1.0E-06 | **5.3E+00** |
| 127-18-4 | Tetrachloroethene | 1.3E-05 | 6.0E-03 | -- | 6.0E-03 | 3.8E-04 | 4.0E-02 | **8.6E+01** | 1.6E-06 | 5.4E-01 | -- | 5.4E-01 | 1.6E-04 | 5.9E-06 | **5.5E-01** |
| 108-88-3 | Toluene | 1.3E-05 | 8.0E-02 | -- | 8.0E-02 | 2.4E-04 | 5.0E+00 | **4.8E+03** | 1.6E-06 | NC | -- | NC | 1.0E-04 | NC | **--** |
| 79-01-6 | Trichloroethene | 1.3E-05 | 5.0E-04 | -- | 5.0E-04 | 3.0E-04 | 2.0E-03 | **5.8E+00** | 8.3E-06 | 4.6E-02 | -- | 4.6E-02 | 4.5E-04 | 4.1E-06 | **1.2E+00** |
| 75-01-4 | Vinyl chloride | 1.3E-05 | 3.0E-03 | -- | 3.0E-03 | 9.3E-04 | 1.0E-01 | **7.4E+01** | 1.6E-06 | 2.7E-01 | -- | 2.7E-01 | 4.0E-04 | 7.8E-05 | **3.2E-02** |
| 1330-20-7 | Xylene, total | 1.3E-05 | 2.0E-01 | -- | 2.0E-01 | 1.7E-04 | 1.0E-01 | **5.6E+02** | 1.6E-06 | NC | -- | NC | 7.4E-05 | NC | **--** |

Notes:

" -- " not applicable

$SSCG_{soil-c}$ = based on cancer effects

$SSCG_{soil-nc}$ = based on noncancer effects

**Appendix C, Table C-2**
**Derivation of Site-Specific Cleanup Goals, Soil**
**Onsite Resident, Infrequent Exposure to Subsurface Soils**

| CAS Number | Constituent of Concern | Noncancer Effects | | | | | | | Cancer Effects | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | |
| | | $IF_{oral}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $IF_{dermal}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Reference Concentration ($mg/m^3$) | $SSCG_{soil\text{-}nc}$ (mg/kg) | $IF_{oral}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $IF_{dermal}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | $SSCG_{soil\text{-}c}$ (mg/kg) |
| | **Inorganics** | | | | | | | | | | | | | | |
| 7440-36-0 | Antimony | 1.5E-07 | 4.0E-04 | -- | 6.0E-05 | 9.5E-14 | NA | **2.7E+03** | 1.8E-08 | NC | -- | NC | 4.1E-14 | NC | **--** |
| 7440-38-2 | Arsenic | 1.5E-07 | 3.0E-04 | 1.2E-08 | 3.0E-04 | 9.5E-14 | 1.5E-05 | **1.9E+03** | 1.8E-08 | 9.5E+00 | 1.7E-09 | 9.5E+00 | 4.1E-14 | 3.3E-03 | **5.4E+00** |
| 7440-43-9 | Cadmium | 1.5E-07 | 1.0E-03 | 4.1E-10 | 2.5E-05 | 9.5E-14 | 2.0E-05 | **6.2E+03** | 1.8E-08 | NC | 5.6E-11 | NC | 4.1E-14 | 4.2E-03 | **5.8E+06** |
| 18540-29-9 | Chromium VI | 1.5E-07 | 3.0E-03 | -- | 7.5E-05 | 9.5E-14 | 1.0E-04 | **2.1E+04** | 1.8E-08 | 5.0E-01 | -- | NC | 4.1E-14 | 1.5E-01 | **1.1E+02** |
| 7440-48-4 | Cobalt | 1.5E-07 | 3.0E-04 | -- | 3.0E-04 | 9.5E-14 | 6.0E-06 | **2.1E+03** | 1.8E-08 | NC | -- | NC | 4.1E-14 | 9.0E-03 | **2.7E+06** |
| 7440-50-8 | Copper | 1.5E-07 | 4.0E-02 | -- | 4.0E-02 | 9.5E-14 | NA | **2.7E+05** | 1.8E-08 | NC | -- | NC | 4.1E-14 | NC | **--** |
| 7439-92-1 | Lead | 1.5E-07 | NA | -- | NA | 9.5E-14 | NA | **--** | 1.8E-08 | NC | -- | NC | 4.1E-14 | NC | **--** |
| 7440-28-0 | Thallium | 1.5E-07 | 1.0E-05 | -- | 1.0E-05 | 9.5E-14 | NA | **6.8E+01** | 1.8E-08 | NC | -- | NC | 4.1E-14 | NC | **--** |
| 7440-62-2 | Vanadium | 1.5E-07 | 5.0E-03 | -- | 5.0E-03 | 9.5E-14 | 1.0E-04 | **3.4E+04** | 1.8E-08 | NC | -- | NC | 4.1E-14 | NC | **--** |
| 7440-66-6 | Zinc | 1.5E-07 | 3.0E-01 | -- | 3.0E-01 | 9.5E-14 | NA | **2.1E+06** | 1.8E-08 | NC | -- | NC | 4.1E-14 | NC | **--** |
| | **PAHs** | | | | | | | | | | | | | | |
| 56-55-3 | Benz[a]anthracene | 1.5E-07 | NA | 5.3E-08 | NA | 9.5E-14 | NA | **--** | 1.8E-08 | 2.9E-01 | 7.3E-09 | 2.9E-01 | 4.1E-14 | 1.1E-04 | **1.4E+02** |
| 50-32-8 | Benzo[a]pyrene | 1.5E-07 | NA | 5.3E-08 | NA | 9.5E-14 | NA | **--** | 1.8E-08 | 2.9E+00 | 7.3E-09 | 2.9E+00 | 4.1E-14 | 1.1E-03 | **1.4E+01** |
| 205-99-2 | Benzo[b]fluoranthene | 1.5E-07 | NA | 5.3E-08 | NA | 9.5E-14 | NA | **--** | 1.8E-08 | 2.9E-01 | 7.3E-09 | 2.9E-01 | 4.1E-14 | 1.1E-04 | **1.4E+02** |
| 207-08-9 | Benzo[k]fluoranthene | 1.5E-07 | NA | 5.3E-08 | NA | 9.5E-14 | NA | **--** | 1.8E-08 | 2.9E-01 | 7.3E-09 | 2.9E-01 | 4.1E-14 | 1.1E-04 | **1.4E+02** |
| 218-01-9 | Chrysene | 1.5E-07 | NA | 5.3E-08 | NA | 9.5E-14 | NA | **--** | 1.8E-08 | 2.9E-02 | 7.3E-09 | 2.9E-02 | 4.1E-14 | 1.1E-05 | **1.4E+03** |
| 53-70-3 | Dibenz[a,h]anthracene | 1.5E-07 | NA | 5.3E-08 | NA | 9.5E-14 | NA | **--** | 1.8E-08 | 4.1E+00 | 7.3E-09 | 4.1E+00 | 4.1E-14 | 1.2E-03 | **9.7E+00** |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 1.5E-07 | NA | 5.3E-08 | NA | 9.5E-14 | NA | **--** | 1.8E-08 | 2.9E-01 | 7.3E-09 | 2.9E-01 | 4.1E-14 | 1.1E-04 | **1.4E+02** |
| 90-12-0 | Methylnaphthalene, 1- | 1.5E-07 | 7.0E-02 | 5.3E-08 | 7.0E-02 | 1.6E-07 | NA | **3.5E+05** | 1.8E-08 | 2.9E-02 | 7.3E-09 | 2.9E-02 | 6.7E-08 | NC | **1.4E+03** |
| 91-57-6 | Methylnaphthalene, 2- | 1.5E-07 | 4.0E-03 | 5.3E-08 | 4.0E-03 | 1.6E-07 | NA | **2.0E+04** | 1.8E-08 | NC | 7.3E-09 | NC | 7.0E-08 | NC | **--** |
| 91-20-3 | Naphthalene | 1.5E-07 | 2.0E-02 | 5.3E-08 | 2.0E-02 | 2.0E-07 | 3.0E-03 | **1.3E+04** | 1.8E-08 | NC | 7.3E-09 | NC | 8.5E-08 | 3.4E-05 | **3.5E+02** |
| 129-00-0 | Pyrene | 1.5E-07 | 3.0E-02 | 5.3E-08 | 3.0E-02 | 2.9E-09 | 1.1E-01 | **1.5E+05** | 1.8E-08 | NC | 7.3E-09 | NC | 1.2E-09 | NC | **--** |
| | **TPH** | | | | | | | | | | | | | | |
| | Aliphatic: C5-C8 | 1.5E-07 | 4.0E-02 | 5.3E-08 | 4.0E-02 | 7.8E-06 | 7.0E-01 | **6.2E+04** | 1.8E-08 | NC | 7.3E-09 | NC | 3.3E-06 | NC | **--** |
| | Aliphatic: C9-C18 | 1.5E-07 | 1.0E-01 | 5.3E-08 | 1.0E-01 | 1.8E-06 | 3.0E-01 | **1.3E+05** | 1.8E-08 | NC | 7.3E-09 | NC | 7.6E-07 | NC | **--** |
| | Aliphatic: C19-C32 | 1.5E-07 | 2.0E+00 | 5.3E-08 | 2.0E+00 | -- | NA | **1.0E+07** | 1.8E-08 | NC | 7.3E-09 | NC | -- | NC | **--** |
| | Aromatic: C6-C8 | 1.5E-07 | NA | 5.3E-08 | NA | 2.6E-06 | NA | **--** | 1.8E-08 | NC | 7.3E-09 | NC | 1.1E-06 | NC | **--** |
| | Aromatic: C9-C16 | 1.5E-07 | 3.0E-02 | 5.3E-08 | 3.0E-02 | 6.1E-07 | 5.0E-02 | **5.3E+04** | 1.8E-08 | NC | 7.3E-09 | NC | 2.6E-07 | NC | **--** |
| | Aromatic: C17-C32 | 1.5E-07 | 3.0E-02 | 5.3E-08 | 3.0E-02 | -- | NA | **1.5E+05** | 1.8E-08 | NC | 7.3E-09 | NC | -- | NC | **--** |

**Appendix C, Table C-2**
**Derivation of Site-Specific Cleanup Goals, Soil**
**Onsite Resident, Infrequent Exposure to Subsurface Soils**

| CAS Number | Constituent of Concern | Noncancer Effects | | | | | | | Cancer Effects | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | |
| | | $IF_{oral}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $IF_{dermal}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Reference Concentration ($mg/m^3$) | **$SSCG_{soil-nc}$** (mg/kg) | $IF_{oral}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $IF_{dermal}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | **$SSCG_{soil-c}$** (mg/kg) |
| | **SVOCs** | | | | | | | | | | | | | | |
| 121-14-2 | 2,4-Dinitrotoluene | 1.5E-07 | 2.0E-03 | 4.2E-08 | 2.0E-03 | 9.5E-14 | 7.0E-03 | **1.1E+04** | 1.8E-08 | 3.1E-01 | 5.8E-09 | 3.1E-01 | 4.1E-14 | 8.9E-05 | **1.4E+02** |
| 117-81-7 | Bis(2-Ethylhexyl) Phthalate | 1.5E-07 | 2.0E-02 | 4.1E-08 | 2.0E-02 | 9.5E-14 | 7.0E-02 | **1.1E+05** | 1.8E-08 | 1.4E-02 | 5.6E-09 | 1.4E-02 | 4.1E-14 | 2.4E-06 | **3.0E+03** |
| | **VOCs** | | | | | | | | | | | | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.5E-07 | 2.0E-02 | -- | 2.0E-02 | 7.8E-07 | 7.0E-02 | **5.4E+04** | 1.8E-08 | 2.7E-01 | -- | 2.7E-01 | 3.4E-07 | 5.8E-05 | **4.1E+01** |
| 96-18-4 | 1,2,3-Trichloropropane | 1.5E-07 | 4.0E-03 | -- | 4.0E-03 | 1.4E-06 | 3.0E-04 | **2.1E+02** | 1.8E-08 | 3.0E+01 | -- | 3.0E+01 | 6.1E-07 | NC | **1.9E+00** |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.5E-07 | 1.0E-02 | -- | 1.0E-02 | 8.7E-07 | 7.0E-03 | **7.2E+03** | 1.8E-08 | NC | -- | NC | 3.7E-07 | NC | **--** |
| 78-87-5 | 1,2-Dichloropropane | 1.5E-07 | 9.0E-02 | -- | 9.0E-02 | 3.1E-06 | 4.0E-03 | **1.3E+03** | 1.8E-08 | 3.6E-02 | -- | 3.6E-02 | 1.3E-06 | 1.0E-05 | **7.2E+01** |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.5E-07 | 1.0E-02 | -- | 1.0E-02 | 8.4E-07 | 7.0E-03 | **7.4E+03** | 1.8E-08 | NC | -- | NC | 3.6E-07 | NC | **--** |
| 106-46-7 | 1,4-Dichlorobenzene | 1.5E-07 | 7.0E-02 | -- | 7.0E-02 | 8.5E-07 | 8.0E-01 | **3.2E+05** | 1.8E-08 | 5.4E-03 | -- | 5.4E-03 | 3.6E-07 | 1.1E-05 | **2.4E+02** |
| 71-43-2 | Benzene | 1.5E-07 | 4.0E-03 | -- | 4.0E-03 | 4.0E-06 | 3.0E-02 | **5.8E+03** | 1.8E-08 | 1.0E-01 | -- | 1.0E-01 | 1.7E-06 | 2.9E-05 | **1.9E+01** |
| 75-27-4 | Bromodichloromethane | 1.5E-07 | 2.0E-02 | -- | 2.0E-02 | 1.3E-06 | 7.0E-02 | **3.8E+04** | 1.8E-08 | 1.3E-01 | -- | 1.3E-01 | 5.7E-07 | 3.7E-05 | **4.2E+01** |
| 74-83-9 | Bromomethane | 1.5E-07 | 1.4E-03 | -- | 1.4E-03 | 6.0E-06 | 5.0E-03 | **7.7E+02** | 1.8E-08 | NC | -- | NC | 2.6E-06 | NC | **--** |
| 100-41-4 | Ethylbenzene | 1.5E-07 | 1.0E-01 | -- | 1.0E-01 | 2.0E-06 | 1.0E+00 | **2.9E+05** | 1.8E-08 | 1.1E-02 | -- | 1.1E-02 | 8.8E-07 | 2.5E-06 | **4.2E+02** |
| 75-09-2 | Methylene chloride | 1.5E-07 | 6.0E-03 | -- | 6.0E-03 | 4.4E-06 | 6.0E-01 | **3.2E+04** | 1.8E-08 | 1.4E-02 | -- | 1.4E-02 | 1.9E-06 | 1.0E-06 | **4.7E+02** |
| 127-18-4 | Tetrachloroethene | 1.5E-07 | 6.0E-03 | -- | 6.0E-03 | 4.3E-06 | 4.0E-02 | **7.5E+03** | 1.8E-08 | 5.4E-01 | -- | 5.4E-01 | 1.9E-06 | 5.9E-06 | **4.9E+01** |
| 108-88-3 | Toluene | 1.5E-07 | 8.0E-02 | -- | 8.0E-02 | 2.8E-06 | 5.0E+00 | **4.2E+05** | 1.8E-08 | NC | -- | NC | 1.2E-06 | NC | **--** |
| 79-01-6 | Trichloroethene | 1.5E-07 | 5.0E-04 | -- | 5.0E-04 | 3.4E-06 | 2.0E-03 | **5.0E+02** | 9.5E-08 | 4.6E-02 | -- | 4.6E-02 | 5.1E-06 | 4.1E-06 | **1.0E+02** |
| 75-01-4 | Vinyl chloride | 1.5E-07 | 3.0E-03 | -- | 3.0E-03 | 1.1E-05 | 1.0E-01 | **6.4E+03** | 1.8E-08 | 2.7E-01 | -- | 2.7E-01 | 4.6E-06 | 7.8E-05 | **2.8E+00** |
| 1330-20-7 | Xylene, total | 1.5E-07 | 2.0E-01 | -- | 2.0E-01 | 2.0E-06 | 1.0E-01 | **4.9E+04** | 1.8E-08 | NC | -- | NC | 8.5E-07 | NC | **--** |

Notes:
" -- " not applicable
$SSCG_{soil-c}$ = based on cancer effects
$SSCG_{soil-nc}$ = based on noncancer effects

**Appendix C, Table C-3**
**Derivation of Site-Specific Cleanup Goal, Lead in Soil**
**Onsite Resident, Infrequent Exposure to Subsurface Soils**

| Variable | Description of Variable | Units | GSDi and PbBo from Analysis of NHANES 1999-2004 |
|---|---|---|---|
| $PbB_{fetal,\ 0.90}$ | $90^{th}$ percentile PbB in fetus | ug/dL | 1 |
| $R_{fetal/maternal}$ | Fetal/maternal PbB ratio | -- | 0.9 |
| BKSF | Biokinetic Slope Factor | ug/dL per ug/day | 0.4 |
| $GSD_i$ | Geometric standard deviation PbB | -- | 1.8 |
| $PbB_0$ | Baseline PbB | ug/dL | 0.0 |
| $IR_S$ | Soil ingestion rate (including soil-derived indoor dust) | g/day | 0.100 |
| $AF_{S,\ D}$ | Absorption fraction (same for soil and dust) | -- | 0.12 |
| $EF_{S,\ D}$ | Exposure frequency (same for soil and dust) | days/yr | 12 |
| $AT_{S,\ D}$ | Averaging time (same for soil and dust) | days/yr | 90 |
| | **Site-Specific Cleanup Goal (SSCG) =** | **mg/kg** | **8.2E+02** |

Calculations of Preliminary Remediation Goals (PRGs)
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee
Version date 6/21/09

**Appendix C, Table C-4**
**Derivation of Site-Specific Cleanup Goals, Sub-Slab Soil Vapor**
**Onsite Resident**

| CAS Number | Constituent of Concern | Noncancer Effects | | | Cancer Effects | | |
|---|---|---|---|---|---|---|---|
| | | Reference Concentration ($mg/m^3$) | Indoor Air $SSCG_{nc}$ ($\mu g/m^3$) | **Sub-Slab Soil Vapor $SSCG_{nc}$ ($\mu g/m^3$)** | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | Indoor Air $SSCG_c$ ($\mu g/m^3$) | **Sub-Slab Soil Vapor $SSCG_c$ ($\mu g/m^3$)** |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7.0E-02 | 7.3E+01 | **3.7E+04** | 5.8E-05 | 4.2E-02 | **2.1E+01** |
| 79-00-5 | 1,1,2-Trichloroethane | 2.0E-04 | 2.1E-01 | **1.0E+02** | 1.6E-05 | 1.5E-01 | **7.5E+01** |
| 75-34-3 | 1,1-Dichloroethane | 7.0E-01 | 7.3E+02 | **3.7E+05** | 1.6E-06 | 1.5E+00 | **7.6E+02** |
| 120-82-1 | 1,2,4-Trichlorobenzene | 2.0E-03 | 2.1E+00 | **1.0E+03** | NC | -- | **--** |
| 95-63-6 | 1,2,4-Trimethylbenzene | 7.0E-03 | 7.3E+00 | **3.7E+03** | NC | -- | **--** |
| 107-06-2 | 1,2-Dichloroethane | 7.0E-03 | 7.3E+00 | **3.7E+03** | 2.1E-05 | 1.2E-01 | **5.9E+01** |
| 78-87-5 | 1,2-Dichloropropane | 4.0E-03 | 4.2E+00 | **2.1E+03** | 1.0E-05 | 2.4E-01 | **1.2E+02** |
| 108-67-8 | 1,3,5-Trimethylbenzene | 7.0E-03 | 7.3E+00 | **3.7E+03** | NC | -- | **--** |
| 106-99-0 | 1,3-Butadiene | 2.0E-03 | 2.1E+00 | **1.0E+03** | 1.7E-04 | 1.4E-02 | **7.2E+00** |
| 106-46-7 | 1,4-Dichlorobenzene | 8.0E-01 | 8.3E+02 | **4.2E+05** | 1.1E-05 | 2.2E-01 | **1.1E+02** |
| 123-91-1 | 1,4-Dioxane | 3.0E+00 | 3.1E+03 | **1.6E+06** | 7.7E-06 | 3.2E-01 | **1.6E+02** |
| 540-84-1 | 2,2,4-Trimethylpentane | 1.0E+00 | 1.0E+03 | **5.2E+05** | NC | -- | **--** |
| 591-78-6 | 2-Hexanone | 3.0E-02 | 3.1E+01 | **1.6E+04** | NC | -- | **--** |
| 622-96-8 | 4-Ethyltoluene | 1.0E-01 | 1.0E+02 | **5.2E+04** | NC | -- | **--** |
| 71-43-2 | Benzene | 3.0E-02 | 3.1E+01 | **1.6E+04** | 2.9E-05 | 8.4E-02 | **4.2E+01** |
| 75-27-4 | Bromodichloromethane | 7.0E-02 | 7.3E+01 | **3.7E+04** | 3.7E-05 | 6.6E-02 | **3.3E+01** |
| 74-83-9 | Bromomethane | 5.0E-03 | 5.2E+00 | **2.6E+03** | NC | -- | **--** |
| 75-15-0 | Carbon disulfide | 7.0E-01 | 7.3E+02 | **3.7E+05** | NC | -- | **--** |
| 56-23-5 | Carbon tetrachloride | 1.0E-01 | 1.0E+02 | **5.2E+04** | 4.2E-05 | 5.8E-02 | **2.9E+01** |
| 67-66-3 | Chloroform | 9.8E-02 | 1.0E+02 | **5.1E+04** | 5.3E-06 | 4.6E-01 | **2.3E+02** |
| 110-82-7 | Cyclohexane | 6.0E+00 | 6.3E+03 | **3.1E+06** | NC | -- | **--** |
| 124-48-1 | Dibromochloromethane | 7.0E-02 | 7.3E+01 | **3.7E+04** | 2.7E-05 | 9.0E-02 | **4.5E+01** |
| 156-59-2 | Dichloroethene, cis-1,2- | 7.0E-03 | 7.3E+00 | **3.7E+03** | NC | -- | **--** |
| 156-60-5 | Dichloroethene, trans-1,2- | 6.0E-02 | 6.3E+01 | **3.1E+04** | NC | -- | **--** |
| 10061-02-6 | Dichloropropene, trans-1,3- | 2.0E-02 | 2.1E+01 | **1.0E+04** | 1.6E-05 | 1.5E-01 | **7.6E+01** |
| 64-17-5 | Ethanol | 4.0E+00 | 4.2E+03 | **2.1E+06** | NC | -- | **--** |
| 100-41-4 | Ethylbenzene | 1.0E+00 | 1.0E+03 | **5.2E+05** | 2.5E-06 | 9.7E-01 | **4.9E+02** |
| 142-82-5 | Heptane | 7.0E-01 | 7.3E+02 | **3.7E+05** | NC | -- | **--** |
| 87-68-3 | Hexachloro-1,3-butadiene | 3.5E-03 | 3.7E+00 | **1.8E+03** | 2.2E-05 | 1.1E-01 | **5.5E+01** |
| 110-54-3 | Hexane | 7.0E-01 | 7.3E+02 | **3.7E+05** | NC | -- | **--** |

**Appendix C, Table C-4**
**Derivation of Site-Specific Cleanup Goals, Sub-Slab Soil Vapor**
**Onsite Resident**

| CAS Number | Constituent of Concern | Noncancer Effects | | | Cancer Effects | | |
|---|---|---|---|---|---|---|---|
| | | Reference Concentration ($mg/m^3$) | Indoor Air $SSCG_{nc}$ ($\mu g/m^3$) | **Sub-Slab Soil Vapor $SSCG_{nc}$ ($\mu g/m^3$)** | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | Indoor Air $SSCG_c$ ($\mu g/m^3$) | **Sub-Slab Soil Vapor $SSCG_c$ ($\mu g/m^3$)** |
| 67-63-0 | Isopropanol | 7.0E+00 | 7.3E+03 | **3.7E+06** | NC | -- | **--** |
| 98-82-8 | Isopropylbenzene (cumene) | 4.0E-01 | 4.2E+02 | **2.1E+05** | NC | -- | **--** |
| 78-93-3 | Methyl ethyl ketone (2-butanone) | 5.0E+00 | 5.2E+03 | **2.6E+06** | NC | -- | **--** |
| 75-09-2 | Methylene chloride | 6.0E-01 | 6.3E+02 | **3.1E+05** | 1.0E-06 | 2.4E+00 | **1.2E+03** |
| 1634-04-4 | Methyl-tert-butyl ether | 3.0E+00 | 3.1E+03 | **1.6E+06** | 2.6E-07 | 9.4E+00 | **4.7E+03** |
| 91-20-3 | Naphthalene | 3.0E-03 | 3.1E+00 | **1.6E+03** | 3.4E-05 | 7.2E-02 | **3.6E+01** |
| 103-65-1 | Propylbenzene | 1.0E+00 | 1.0E+03 | **5.2E+05** | NC | -- | **--** |
| 75-65-0 | tert-Butyl Alcohol (TBA) | 1.1E+00 | 1.1E+03 | **5.5E+05** | NC | -- | **--** |
| 127-18-4 | Tetrachloroethene | 4.0E-02 | 4.2E+01 | **2.1E+04** | 5.9E-06 | 4.1E-01 | **2.1E+02** |
| 109-99-9 | Tetrahydrofuran | 2.0E+00 | 2.1E+03 | **1.0E+06** | NC | -- | **--** |
| 108-88-3 | Toluene | 5.0E+00 | 5.2E+03 | **2.6E+06** | NC | -- | **--** |
| 79-01-6 | Trichloroethene | 2.0E-03 | 2.1E+00 | **1.0E+03** | 4.1E-06 | 4.3E-01 | **2.2E+02** |
| 75-01-4 | Vinyl chloride | 1.0E-01 | 1.0E+02 | **5.2E+04** | 7.8E-05 | 3.1E-02 | **1.6E+01** |
| 1330-20-7 | Xylene, total | 1.0E-01 | 1.0E+02 | **5.2E+04** | NC | -- | **--** |
| | **TPH** | | | | | | |
| | Aliphatic: C5-C8 | 7.0E-01 | 7.3E+02 | **3.7E+05** | NC | -- | **--** |
| | Aliphatic: C9-C18 | 3.0E-01 | 3.1E+02 | **1.6E+05** | NC | -- | **--** |
| | Aliphatic: C19-C32 | NA | -- | **--** | NC | -- | **--** |
| | Aromatic: C6-C8 | NA | -- | **--** | NC | -- | **--** |
| | Aromatic: C9-C16 | 5.0E-02 | 5.2E+01 | **2.6E+04** | NC | -- | **--** |
| | Aromatic: C17-C32 | NA | -- | **--** | NC | -- | **--** |

Notes:

" -- " not applicable

$SSCG_c$ = based on cancer effects

$SSCG_{nc}$ = based on noncancer effects

**Appendix C, Table C-5**
**Derivation of Site-Specific Cleanup Goals, Soil**
**Construction and Utility Maintenance Worker**

| CAS Number | Chemical of Concern | Noncancer Effects | | | | | | | Cancer Effects | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | $SSCG_{soil-nc}$ (mg/kg) | Ingestion | | Dermal Contact | | Outdoor Inhalation | | $SSCG_{soil-c}$ (mg/kg) |
| | | $IF_{oral}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $IF_{dermal}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Reference Concentration ($mg/m^3$) | | $IF_{oral}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $IF_{dermal}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | |
| | **Inorganics** | | | | | | | | | | | | | | |
| 7440-36-0 | Antimony | 1.3E-07 | 4.0E-04 | -- | 6.0E-05 | 2.7E-08 | NA | **3.1E+03** | 4.6E-08 | NC | -- | NC | 9.8E-09 | NC | **--** |
| 7440-38-2 | Arsenic | 1.3E-07 | 3.0E-04 | 5.4E-08 | 3.0E-04 | 2.7E-08 | 1.5E-05 | **4.1E+02** | 4.6E-08 | 9.5E+00 | 1.9E-08 | 9.5E+00 | 9.8E-09 | 3.3E-03 | **1.5E+01** |
| 7440-43-9 | Cadmium | 1.3E-07 | 1.0E-03 | 1.8E-09 | 2.5E-05 | 2.7E-08 | 2.0E-05 | **6.4E+02** | 4.6E-08 | NC | 6.4E-10 | NC | 9.8E-09 | 4.2E-03 | **2.4E+02** |
| 18540-29-9 | Chromium VI | 1.3E-07 | 3.0E-03 | -- | 7.5E-05 | 2.7E-08 | 1.0E-04 | **3.2E+03** | 4.6E-08 | 5.0E-01 | -- | NC | 9.8E-09 | 1.5E-01 | **6.7E+00** |
| 7440-48-4 | Cobalt | 1.3E-07 | 3.0E-04 | -- | 3.0E-04 | 2.7E-08 | 6.0E-06 | **2.0E+02** | 4.6E-08 | NC | -- | NC | 9.8E-09 | 9.0E-03 | **1.1E+02** |
| 7440-50-8 | Copper | 1.3E-07 | 4.0E-02 | -- | 4.0E-02 | 2.7E-08 | NA | **3.1E+05** | 4.6E-08 | NC | -- | NC | 9.8E-09 | NC | **--** |
| 7439-92-1 | Lead | 1.3E-07 | NA | -- | NA | 2.7E-08 | NA | **--** | 4.6E-08 | NC | -- | NC | 9.8E-09 | NC | **--** |
| 7440-28-0 | Thallium | 1.3E-07 | 1.0E-05 | -- | 1.0E-05 | 2.7E-08 | NA | **7.7E+01** | 4.6E-08 | NC | -- | NC | 9.8E-09 | NC | **--** |
| 7440-62-2 | Vanadium | 1.3E-07 | 5.0E-03 | -- | 5.0E-03 | 2.7E-08 | 1.0E-04 | **3.3E+03** | 4.6E-08 | NC | -- | NC | 9.8E-09 | NC | **--** |
| 7440-66-6 | Zinc | 1.3E-07 | 3.0E-01 | -- | 3.0E-01 | 2.7E-08 | NA | **2.3E+06** | 4.6E-08 | NC | -- | NC | 9.8E-09 | NC | **--** |
| | **PAHs** | | | | | | | | | | | | | | |
| 56-55-3 | Benz[a]anthracene | 1.3E-07 | NA | 2.3E-07 | NA | 2.7E-08 | NA | **--** | 4.6E-08 | 2.9E-01 | 8.3E-08 | 2.9E-01 | 9.8E-09 | 1.1E-04 | **2.6E+02** |
| 50-32-8 | Benzo[a]pyrene | 1.3E-07 | NA | 2.3E-07 | NA | 2.7E-08 | NA | **--** | 4.6E-08 | 2.9E+00 | 8.3E-08 | 2.9E+00 | 9.8E-09 | 1.1E-03 | **2.6E+01** |
| 205-99-2 | Benzo[b]fluoranthene | 1.3E-07 | NA | 2.3E-07 | NA | 2.7E-08 | NA | **--** | 4.6E-08 | 2.9E-01 | 8.3E-08 | 2.9E-01 | 9.8E-09 | 1.1E-04 | **2.6E+02** |
| 207-08-9 | Benzo[k]fluoranthene | 1.3E-07 | NA | 2.3E-07 | NA | 2.7E-08 | NA | **--** | 4.6E-08 | 2.9E-01 | 8.3E-08 | 2.9E-01 | 9.8E-09 | 1.1E-04 | **2.6E+02** |
| 218-01-9 | Chrysene | 1.3E-07 | NA | 2.3E-07 | NA | 2.7E-08 | NA | **--** | 4.6E-08 | 2.9E-02 | 8.3E-08 | 2.9E-02 | 9.8E-09 | 1.1E-05 | **2.6E+03** |
| 53-70-3 | Dibenz[a,h]anthracene | 1.3E-07 | NA | 2.3E-07 | NA | 2.7E-08 | NA | **--** | 4.6E-08 | 4.1E+00 | 8.3E-08 | 4.1E+00 | 9.8E-09 | 1.2E-03 | **1.9E+01** |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 1.3E-07 | NA | 2.3E-07 | NA | 2.7E-08 | NA | **--** | 4.6E-08 | 2.9E-01 | 8.3E-08 | 2.9E-01 | 9.8E-09 | 1.1E-04 | **2.6E+02** |
| 90-12-0 | Methylnaphthalene, 1- | 1.3E-07 | 7.0E-02 | 2.3E-07 | 7.0E-02 | 1.7E-05 | NA | **1.9E+05** | 4.6E-08 | 2.9E-02 | 8.3E-08 | 2.9E-02 | 6.0E-06 | NC | **2.7E+03** |
| 91-57-6 | Methylnaphthalene, 2- | 1.3E-07 | 4.0E-03 | 2.3E-07 | 4.0E-03 | 1.7E-05 | NA | **1.1E+04** | 4.6E-08 | NC | 8.3E-08 | NC | 6.2E-06 | NC | **--** |
| 91-20-3 | Naphthalene | 1.3E-07 | 2.0E-02 | 2.3E-07 | 2.0E-02 | 2.1E-05 | 3.0E-03 | **1.4E+02** | 4.6E-08 | NC | 8.3E-08 | NC | 7.6E-06 | 3.4E-05 | **3.9E+01** |
| 129-00-0 | Pyrene | 1.3E-07 | 3.0E-02 | 2.3E-07 | 3.0E-02 | 3.1E-07 | 1.1E-01 | **6.7E+04** | 4.6E-08 | NC | 8.3E-08 | NC | 1.1E-07 | NC | **--** |
| | **TPH** | | | | | | | | | | | | | | |
| | Aliphatic: C5-C8 | 1.3E-07 | 4.0E-02 | 2.3E-07 | 4.0E-02 | 8.4E-04 | 7.0E-01 | **8.3E+02** | 4.6E-08 | NC | 8.3E-08 | NC | 3.0E-04 | NC | **--** |
| | Aliphatic: C9-C18 | 1.3E-07 | 1.0E-01 | 2.3E-07 | 1.0E-01 | 1.9E-04 | 3.0E-01 | **1.6E+03** | 4.6E-08 | NC | 8.3E-08 | NC | 6.8E-05 | NC | **--** |
| | Aliphatic: C19-C32 | 1.3E-07 | 2.0E+00 | 2.3E-07 | 2.0E+00 | -- | NA | **5.5E+06** | 4.6E-08 | NC | 8.3E-08 | NC | -- | NC | **--** |
| | Aromatic: C6-C8 | 1.3E-07 | NA | 2.3E-07 | NA | 2.8E-04 | NA | **--** | 4.6E-08 | NC | 8.3E-08 | NC | 9.8E-05 | NC | **--** |
| | Aromatic: C9-C16 | 1.3E-07 | 3.0E-02 | 2.3E-07 | 3.0E-02 | 6.6E-05 | 5.0E-02 | **7.5E+02** | 4.6E-08 | NC | 8.3E-08 | NC | 2.3E-05 | NC | **--** |
| | Aromatic: C17-C32 | 1.3E-07 | 3.0E-02 | 2.3E-07 | 3.0E-02 | -- | NA | **8.3E+04** | 4.6E-08 | NC | 8.3E-08 | NC | -- | NC | **--** |

**Appendix C, Table C-5**
**Derivation of Site-Specific Cleanup Goals, Soil**
**Construction and Utility Maintenance Worker**

| CAS Number | Chemical of Concern | Noncancer Effects | | | | | | | Cancer Effects | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | | Ingestion | | Dermal Contact | | Outdoor Inhalation | | |
| | | $IF_{oral}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $IF_{dermal}$ (mg/kg-day) | Reference Dose (mg/kg-day) | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Reference Concentration ($mg/m^3$) | **$SSCG_{soil-nc}$** (mg/kg) | $IF_{oral}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $IF_{dermal}$ (mg/kg-day) | Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$ | $EC_{inh,soil}$ ($mg/m^3$-mg/kg) | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | **$SSCG_{soil-c}$** (mg/kg) |
| | **SVOCs** | | | | | | | | | | | | | | |
| 121-14-2 | 2,4-Dinitrotoluene | 1.3E-07 | 2.0E-03 | 1.8E-07 | 2.0E-03 | 2.7E-08 | 7.0E-03 | **6.3E+03** | 4.6E-08 | 3.1E-01 | 6.5E-08 | 3.1E-01 | 9.8E-09 | 8.9E-05 | **2.8E+02** |
| 117-81-7 | Bis(2-Ethylhexyl) Phthalate | 1.3E-07 | 2.0E-02 | 1.8E-07 | 2.0E-02 | 2.7E-08 | 7.0E-02 | **6.3E+04** | 4.6E-08 | 1.4E-02 | 6.4E-08 | 1.4E-02 | 9.8E-09 | 2.4E-06 | **6.4E+03** |
| | **VOCs** | | | | | | | | | | | | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.3E-07 | 2.0E-02 | -- | 2.0E-02 | 8.4E-05 | 7.0E-02 | **8.3E+02** | 4.6E-08 | 2.7E-01 | -- | 2.7E-01 | 3.0E-05 | 5.8E-05 | **5.7E+00** |
| 96-18-4 | 1,2,3-Trichloropropane | 1.3E-07 | 4.0E-03 | -- | 4.0E-03 | 1.5E-04 | 3.0E-04 | **2.0E+00** | 4.6E-08 | 3.0E+01 | -- | 3.0E+01 | 5.5E-05 | NC | **7.2E+00** |
| 95-63-6 | 1,2,4-Trimethylbenzene | 1.3E-07 | 1.0E-02 | -- | 1.0E-02 | 9.3E-05 | 7.0E-03 | **7.5E+01** | 4.6E-08 | NC | -- | NC | 3.3E-05 | NC | **--** |
| 78-87-5 | 1,2-Dichloropropane | 1.3E-07 | 9.0E-02 | -- | 9.0E-02 | 3.3E-04 | 4.0E-03 | **1.2E+01** | 4.6E-08 | 3.6E-02 | -- | 3.6E-02 | 1.2E-04 | 1.0E-05 | **8.5E+00** |
| 108-67-8 | 1,3,5-Trimethylbenzene | 1.3E-07 | 1.0E-02 | -- | 1.0E-02 | 9.0E-05 | 7.0E-03 | **7.7E+01** | 4.6E-08 | NC | -- | NC | 3.2E-05 | NC | **--** |
| 106-46-7 | 1,4-Dichlorobenzene | 1.3E-07 | 7.0E-02 | -- | 7.0E-02 | 9.1E-05 | 8.0E-01 | **8.7E+03** | 4.6E-08 | 5.4E-03 | -- | 5.4E-03 | 3.2E-05 | 1.1E-05 | **2.8E+01** |
| 71-43-2 | Benzene | 1.3E-07 | 4.0E-03 | -- | 4.0E-03 | 4.3E-04 | 3.0E-02 | **6.9E+01** | 4.6E-08 | 1.0E-01 | -- | 1.0E-01 | 1.5E-04 | 2.9E-05 | **2.2E+00** |
| 75-27-4 | Bromodichloromethane | 1.3E-07 | 2.0E-02 | -- | 2.0E-02 | 1.4E-04 | 7.0E-02 | **4.9E+02** | 4.6E-08 | 1.3E-01 | -- | 1.3E-01 | 5.1E-05 | 3.7E-05 | **5.3E+00** |
| 74-83-9 | Bromomethane | 1.3E-07 | 1.4E-03 | -- | 1.4E-03 | 6.4E-04 | 5.0E-03 | **7.8E+00** | 4.6E-08 | NC | -- | NC | 2.3E-04 | NC | **--** |
| 100-41-4 | Ethylbenzene | 1.3E-07 | 1.0E-01 | -- | 1.0E-01 | 2.2E-04 | 1.0E+00 | **4.5E+03** | 4.6E-08 | 1.1E-02 | -- | 1.1E-02 | 7.8E-05 | 2.5E-06 | **5.1E+01** |
| 75-09-2 | Methylene chloride | 1.3E-07 | 6.0E-03 | -- | 6.0E-03 | 4.7E-04 | 6.0E-01 | **1.2E+03** | 4.6E-08 | 1.4E-02 | -- | 1.4E-02 | 1.7E-04 | 1.0E-06 | **5.9E+01** |
| 127-18-4 | Tetrachloroethene | 1.3E-07 | 6.0E-03 | -- | 6.0E-03 | 4.6E-04 | 4.0E-02 | **8.6E+01** | 4.6E-08 | 5.4E-01 | -- | 5.4E-01 | 1.7E-04 | 5.9E-06 | **1.0E+01** |
| 108-88-3 | Toluene | 1.3E-07 | 8.0E-02 | -- | 8.0E-02 | 3.0E-04 | 5.0E+00 | **1.6E+04** | 4.6E-08 | NC | -- | NC | 1.1E-04 | NC | **--** |
| 79-01-6 | Trichloroethene | 1.3E-07 | 5.0E-04 | -- | 5.0E-04 | 3.6E-04 | 2.0E-03 | **5.5E+00** | 4.6E-08 | 4.6E-02 | -- | 4.6E-02 | 1.3E-04 | 4.1E-06 | **1.9E+01** |
| 75-01-4 | Vinyl chloride | 1.3E-07 | 3.0E-03 | -- | 3.0E-03 | 1.1E-03 | 1.0E-01 | **8.7E+01** | 4.6E-08 | 2.7E-01 | -- | 2.7E-01 | 4.1E-04 | 7.8E-05 | **3.1E-01** |
| 1330-20-7 | Xylene, total | 1.3E-07 | 2.0E-01 | -- | 2.0E-01 | 2.1E-04 | 1.0E-01 | **4.7E+02** | 4.6E-08 | NC | -- | NC | 7.6E-05 | NC | **--** |

Notes:

" -- " not applicable

$SSCG_{soil-c}$ = based on cancer effects

$SSCG_{soil-nc}$ = based on noncancer effects

**Appendix C, Table C-6**
**Derivation of Site-Specific Cleanup Goals, Soil Vapor**
**Construction and Utility Maintenance Worker**

| CAS Number | Chemical of Concern | $VF_{SV-OA}$ ($\mu g/m^3$-$\mu g/m^3$) | Noncancer Effects | | | Cancer Effects | | |
|---|---|---|---|---|---|---|---|---|
| | | | Exposure Concentration ($EC_{SV-OA}$) ($mg/m^3$) | Reference Concentration ($mg/m^3$) | **Soil Vapor $SSCG_{nc}$** ($\mu g/m^3$) | Exposure Concentration ($EC_{SV-OA}$) ($mg/m^3$) | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | **Soil Vapor $SSCG_c$** ($\mu g/m^3$) |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7.0E+03 | 3.9E-09 | 7.0E-02 | **1.8E+07** | 1.4E-09 | 5.8E-05 | **1.2E+05** |
| 79-00-5 | 1,1,2-Trichloroethane | 1.4E+04 | 2.0E-09 | 2.0E-04 | **1.0E+05** | 7.1E-10 | 1.6E-05 | **8.6E+05** |
| 75-34-3 | 1,1-Dichloroethane | 3.9E+04 | 7.1E-10 | 7.0E-01 | **9.9E+08** | 2.5E-10 | 1.6E-06 | **2.5E+07** |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5.4E+03 | 5.1E-09 | 2.0E-03 | **3.9E+05** | 1.8E-09 | NC | **--** |
| 95-63-6 | 1,2,4-Trimethylbenzene | 9.0E+03 | 3.0E-09 | 7.0E-03 | **2.3E+06** | 1.1E-09 | NC | **--** |
| 107-06-2 | 1,2-Dichloroethane | 1.7E+04 | 1.6E-09 | 7.0E-03 | **4.4E+06** | 5.7E-10 | 2.1E-05 | **8.5E+05** |
| 78-87-5 | 1,2-Dichloropropane | 2.5E+04 | 1.1E-09 | 4.0E-03 | **3.6E+06** | 3.9E-10 | 1.0E-05 | **2.5E+06** |
| 108-67-8 | 1,3,5-Trimethylbenzene | 8.8E+03 | 3.1E-09 | 7.0E-03 | **2.3E+06** | 1.1E-09 | NC | **--** |
| 106-99-0 | 1,3-Butadiene | 5.0E+04 | 5.5E-10 | 2.0E-03 | **3.7E+06** | 2.0E-10 | 1.7E-04 | **3.0E+05** |
| 106-46-7 | 1,4-Dichlorobenzene | 7.8E+03 | 3.5E-09 | 8.0E-01 | **2.3E+08** | 1.3E-09 | 1.1E-05 | **7.2E+05** |
| 123-91-1 | 1,4-Dioxane | 1.2E+03 | 2.3E-08 | 3.0E+00 | **1.3E+08** | 8.1E-09 | 7.7E-06 | **1.6E+05** |
| 540-84-1 | 2,2,4-Trimethylpentane | 1.8E+04 | 1.5E-09 | 1.0E+00 | **6.5E+08** | 5.5E-10 | NC | **--** |
| 591-78-6 | 2-Hexanone | 7.2E+03 | 3.8E-09 | 3.0E-02 | **7.9E+06** | 1.4E-09 | NC | **--** |
| 622-96-8 | 4-Ethyltoluene | 6.7E+03 | 4.1E-09 | 1.0E-01 | **2.5E+07** | 1.5E-09 | NC | **--** |
| 71-43-2 | Benzene | 2.9E+04 | 9.5E-10 | 3.0E-02 | **3.2E+07** | 3.4E-10 | 2.9E-05 | **1.0E+06** |
| 75-27-4 | Bromodichloromethane | 2.8E+04 | 9.7E-10 | 7.0E-02 | **7.2E+07** | 3.5E-10 | 3.7E-05 | **7.8E+05** |
| 74-83-9 | Bromomethane | 5.2E+04 | 5.3E-10 | 5.0E-03 | **9.5E+06** | 1.9E-10 | NC | **--** |
| 75-15-0 | Carbon disulfide | 5.6E+04 | 4.9E-10 | 7.0E-01 | **1.4E+09** | 1.7E-10 | NC | **--** |
| 56-23-5 | Carbon tetrachloride | 4.3E+04 | 6.3E-10 | 1.0E-01 | **1.6E+08** | 2.3E-10 | 4.2E-05 | **1.1E+06** |
| 67-66-3 | Chloroform | 2.5E+04 | 1.1E-09 | 9.8E-02 | **9.0E+07** | 3.9E-10 | 5.3E-06 | **4.9E+06** |
| 110-82-7 | Cyclohexane | 8.2E+04 | 3.3E-10 | 6.0E+00 | **1.8E+10** | 1.2E-10 | NC | **--** |
| 124-48-1 | Dibromochloromethane | 2.3E+04 | 1.2E-09 | 7.0E-02 | **6.0E+07** | 4.2E-10 | 2.7E-05 | **8.8E+05** |
| 156-59-2 | Dichloroethene, cis-1,2- | 3.3E+04 | 8.4E-10 | 7.0E-03 | **8.3E+06** | 3.0E-10 | NC | **--** |
| 156-60-5 | Dichloroethene, trans-1,2- | 4.2E+04 | 6.5E-10 | 6.0E-02 | **9.3E+07** | 2.3E-10 | NC | **--** |
| 10061-02-6 | Dichloropropene, trans-1,3- | 6.1E+04 | 4.5E-10 | 2.0E-02 | **4.4E+07** | 1.6E-10 | 1.6E-05 | **3.9E+06** |
| 64-17-5 | Ethanol | 1.3E+03 | 2.1E-08 | 4.0E+00 | **1.9E+08** | 7.4E-09 | NC | **--** |
| 100-41-4 | Ethylbenzene | 1.7E+04 | 1.6E-09 | 1.0E+00 | **6.3E+08** | 5.7E-10 | 2.5E-06 | **7.0E+06** |
| 142-82-5 | Heptane | 9.2E+04 | 3.0E-10 | 7.0E-01 | **2.3E+09** | 1.1E-10 | NC | **--** |
| 87-68-3 | Hexachloro-1,3-butadiene | 1.7E+03 | 1.6E-08 | 3.5E-03 | **2.2E+05** | 5.7E-09 | 2.2E-05 | **8.0E+04** |
| 110-54-3 | Hexane | 6.5E+04 | 4.2E-10 | 7.0E-01 | **1.7E+09** | 1.5E-10 | NC | **--** |

**Appendix C, Table C-6**
**Derivation of Site-Specific Cleanup Goals, Soil Vapor**
**Construction and Utility Maintenance Worker**

| CAS Number | Chemical of Concern | $VF_{SV-OA}$ ($\mu g/m^3$-$\mu g/m^3$) | Noncancer Effects | | | Cancer Effects | | |
|---|---|---|---|---|---|---|---|---|
| | | | Exposure Concentration ($EC_{SV-OA}$) ($mg/m^3$) | Reference Concentration ($mg/m^3$) | **Soil Vapor $SSCG_{nc}$** ($\mu g/m^3$) | Exposure Concentration ($EC_{SV-OA}$) ($mg/m^3$) | Inhalation Unit Risk $(\mu g/m^3)^{-1}$ | **Soil Vapor $SSCG_c$** ($\mu g/m^3$) |
| 67-63-0 | Isopropanol | 2.2E+03 | 1.2E-08 | 7.0E+00 | **5.7E+08** | 4.4E-09 | NC | **--** |
| 98-82-8 | Isopropylbenzene (cumene) | 1.0E+05 | 2.8E-10 | 4.0E-01 | **1.5E+09** | 9.8E-11 | NC | **--** |
| 78-93-3 | Methyl ethyl ketone (2-butanone) | 6.3E+03 | 4.3E-09 | 5.0E+00 | **1.1E+09** | 1.6E-09 | NC | **--** |
| 75-09-2 | Methylene chloride | 2.8E+04 | 9.9E-10 | 6.0E-01 | **6.1E+08** | 3.5E-10 | 1.0E-06 | **2.8E+07** |
| 1634-04-4 | Methyl-tert-butyl ether | 1.6E+04 | 1.7E-09 | 3.0E+00 | **1.8E+09** | 5.9E-10 | 2.6E-07 | **6.5E+07** |
| 91-20-3 | Naphthalene | 2.1E+03 | 1.3E-08 | 3.0E-03 | **2.3E+05** | 4.6E-09 | 3.4E-05 | **6.3E+04** |
| 103-65-1 | Propylbenzene | 1.8E+04 | 1.5E-09 | 1.0E+00 | **6.6E+08** | 5.4E-10 | NC | **--** |
| 75-65-0 | tert-Butyl Alcohol (TBA) | 6.7E+03 | 4.1E-09 | 1.1E+00 | **2.6E+08** | 1.5E-09 | NC | **--** |
| 127-18-4 | Tetrachloroethene | 3.8E+04 | 7.2E-10 | 4.0E-02 | **5.5E+07** | 2.6E-10 | 5.9E-06 | **6.6E+06** |
| 109-99-9 | Tetrahydrofuran | 6.7E+03 | 4.1E-09 | 2.0E+00 | **4.9E+08** | 1.5E-09 | NC | **--** |
| 108-88-3 | Toluene | 2.0E+04 | 1.4E-09 | 5.0E+00 | **3.7E+09** | 4.9E-10 | NC | **--** |
| 79-01-6 | Trichloroethene | 2.7E+04 | 1.0E-09 | 2.0E-03 | **2.0E+06** | 3.6E-10 | 4.1E-06 | **6.7E+06** |
| 75-01-4 | Vinyl chloride | 6.3E+04 | 4.3E-10 | 1.0E-01 | **2.3E+08** | 1.5E-10 | 7.8E-05 | **8.3E+05** |
| 1330-20-7 | Xylene, total | 1.6E+04 | 1.7E-09 | 1.0E-01 | **5.9E+07** | 6.0E-10 | NC | **--** |
| | **TPH** | | | | | | | |
| | Aliphatic: C5-C8 | 4.7E+04 | 5.8E-10 | 7.0E-01 | **1.2E+09** | 2.1E-10 | NC | **--** |
| | Aliphatic: C9-C18 | 1.1E+04 | 2.5E-09 | 3.0E-01 | **1.2E+08** | 9.0E-10 | NC | **--** |
| | Aliphatic: C19-C32 | -- | -- | NA | **--** | -- | NC | **--** |
| | Aromatic: C6-C8 | 1.6E+04 | 1.8E-09 | NA | **--** | 6.3E-10 | NC | **--** |
| | Aromatic: C9-C16 | 3.7E+03 | 7.4E-09 | 5.0E-02 | **6.7E+06** | 2.6E-09 | NC | **--** |
| | Aromatic: C17-C32 | -- | -- | NA | **--** | -- | NC | **--** |

Notes:

" -- " not applicable

$SSCG_c$ = based on cancer effects

$SSCG_{nc}$ = based on noncancer effects

**Appendix C, Table C-7**
**Derivation of Site-Specific Cleanup Goal, Lead in Soil**
**Construction and Utility Maintenance Worker**

| Variable | Description of Variable | Units | GSDi and PbBo from Analysis of NHANES 1999-2004 |
|---|---|---|---|
| $PbB_{fetal, 0.90}$ | $90^{th}$ percentile PbB in fetus | ug/dL | 1 |
| $R_{fetal/maternal}$ | Fetal/maternal PbB ratio | -- | 0.9 |
| BKSF | Biokinetic Slope Factor | ug/dL per ug/day | 0.4 |
| $GSD_i$ | Geometric standard deviation PbB | -- | 1.8 |
| $PbB_0$ | Baseline PbB | ug/dL | 0.0 |
| $IR_S$ | Soil ingestion rate (including soil-derived indoor dust) | g/day | 0.100 |
| $AF_{S, D}$ | Absorption fraction (same for soil and dust) | -- | 0.12 |
| $EF_{S, D}$ | Exposure frequency (same for soil and dust) | days/yr | 12 |
| $AT_{S, D}$ | Averaging time (same for soil and dust) | days/yr | 90 |
| | **Site-Specific Cleanup Goal (SSCG) =** | **mg/kg** | **8.2E+02** |

Calculations of Preliminary Remediation Goals (PRGs)
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee
Version date 6/21/09

# APPENDIX D

# VAPOR INTRUSION ATTENUATION FACTOR ANALYSIS

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# Technical Memorandum

**Date:** June 29, 2014

**To:** Doug Weimer, Shell Oil Product US

**From:** Robert Ettinger, Principal, Geosyntec Consultants
Helen Dawson, Senior Consultant, Geosyntec Consultants

**Subject:** **Vapor Intrusion Attenuation Factor Analysis**
**Former Kast Property**
**Carson California**

## 1. INTRODUCTION

This technical memorandum provides an assessment of the vapor intrusion pathway at the former Kast Property (Site). Methods and results of the data analysis to identify a Site-specific sub-slab to indoor air vapor intrusion attenuation factor are presented and the results of this assessment are used to develop Site-specific cleanup goals (SSCGs) and to prepare the human health risk assessment.

The Interim, Follow-up, and Final Phase II Site Characterization reports presented property-specific multiple-lines-of-evidence evaluations to assess whether volatile organic compounds (VOCs) detected in sub-slab soil vapor at the Site resulted in a measureable effect on indoor air. These evaluations were conducted for each individual property to address questions regarding the spatial variability of the vapor intrusion data. Additionally, data were collected throughout the investigation period during different seasons and weather conditions to address questions regarding temporal variability of the vapor intrusion data. The property-specific evaluations considered the following lines of evidence to assess the sources of VOCs detected in indoor air:

- An evaluation of chemicals detected in soil vapor. If a chemical (i) is not detected in soil vapor but detected in indoor air, or (ii) the indoor air concentration is greater than the sub-slab soil vapor concentration, then the VOC detected in indoor air is likely due to a background source (ITRC, 2007).
- Comparison of indoor air and outdoor air concentrations.
- Comparison with typical indoor air values reported in the literature.

Based on the evaluations for the individual residential properties, vapor intrusion of chemicals present in the subsurface does not appear to be significant. The measured indoor air concentrations appear to be due largely to background sources.

The contribution of background sources to indoor air concentrations is an important element in evaluation of the role of soil vapor to the indoor air pathway. There are various potential sources of VOCs in indoor air, and background sources can make the interpretation of indoor air difficult. Background sources include VOCs in outdoor air or emissions from household building materials (e.g. rugs, paints), household products, or materials brought into the home.

In this memorandum, Site-specific background indoor air concentrations are identified based on data collected during the Phase II Site Characterization and these background concentrations are used to interpret the influence of background on the Site-specific empirical attenuation factors. Empirical attenuation factors are calculated by dividing measured indoor air concentrations by measured sub-slab soil vapor concentrations. Where background contributions to indoor air concentrations are insignificant, the empirical attenuation factor is a measure of the vapor intrusion attenuation factor (defined as the ratio of indoor and subsurface vapor concentrations for constituents measured in both media assuming that the contributions from background sources are insignificant). Where background sources contribute to indoor air concentrations, the empirical attenuation factor is biased high and therefore is not solely reflective of vapor intrusion.

The empirical attenuation factors calculated using the Phase II Site Characterization data were evaluated considering the Site-specific background concentrations and used to develop a Site-specific vapor intrusion attenuation factor that can be used for corrective action planning. The methods used to develop the Site-specific vapor intrusion attenuation factor are consistent with approaches used by USEPA to evaluate the data in EPA's vapor intrusion database for sites across the United States (USEPA, 2012).

## 2. DATA SUMMARY

Based on data included in the May 23, 2014 version of the Site analytical results database, at least one round of indoor and sub-slab soil vapor data have been collected

at 253 properties of the 285 properties[1]. To address spatial variability associated with vapor intrusion pathway evaluations, indoor and sub-slab soil vapor samples were collected from multiple locations at properties throughout the Site as access for the sampling activities was granted by property owners. To address questions regarding temporal variability, concomitant indoor and sub-slab soil vapor samples were collected on two separate dates at each property as access was granted, and indoor and sub-slab soil vapor samples have been collected throughout the Site since January 2010.

The data sets used in the Site-specific background indoor air and attenuation factor analyses met the following criteria:

- Analytical results for both air and sub-slab soil vapor samples collected from October 2010 through May 2014.
- Samples where sub-slab soil vapor and indoor air data were collected on consecutive days (typically, sub-slab soil vapor samples were collected following the completion of the 24-hour indoor air sampling event).
- For a given property and sample date, the maximum detected concentrations for (i) indoor air, (ii) outdoor air, and (iii) soil vapor were used in the analyses.

This section summarizes the sub-slab soil vapor, and indoor air, and outdoor air data sets and describes how they are used in this evaluation.

### 2.1 Sub-Slab Soil Vapor

Sub-slab soil vapor samples were generally collected from three locations at each residential property: one from beneath the living area and two beneath pavement outside the building footprint. The specific locations of the sub-slab soil vapor samples varied due to the property layout and access (e.g., at some properties a sub-slab probe was installed in the garage rather than a front yard hardscape location). Generally, the sub-slab soil vapor samples were collected immediately following completion of the 24-hour indoor/outdoor air sampling for each property. The maximum value of the sub-slab soil vapor analytical results for a given sampling event at a property was used to represent the sub-surface soil vapor concentrations for that property during that sampling event. **Table D-1** provides a statistical summary of the set of maximum sub-

[1] The May 23, 2014 database included properties where sub-slab soil vapor samples were reported, but contemporaneous indoor air samples were not collected. Consequently data from these additional properties are not included in this vapor intrusion attenuation factor evaluation.

slab soil vapor concentrations from the Phase II Site Characterization used in this evaluation.

### 2.2 Indoor/Outdoor Air Sampling

The indoor air sampling typically consisted of two to three indoor air samples (two primary indoor air samples and periodically a duplicate sample from one of the locations). Concurrently, an air sample from the garage and two outdoor air samples – one at the front and one at the back of the residence – were also collected. Based on data included in the May 23, 2014 version of the Site analytical results database, two rounds of indoor/outdoor/garage air sampling were conducted at 233 of the 253 properties where sub-slab soil vapor and indoor air data were collected. The evaluation presented in this technical memorandum focuses on the indoor and outdoor air sampling results. The maximum value of the indoor air analytical results for a given sampling event at a property was used to represent the indoor air concentration for that property during that sampling event. The same approach was used for outdoor air. **Tables D-2 and D-3** provide statistical summaries of the set of maximum indoor and outdoor air concentrations, respectively, from the Phase II Site Characterization used in this evaluation.

As reported in the Interim, Follow-up, and Final Interim Phase II Site Characterization reports, indoor, garage, and outdoor air concentrations for several constituents exceed indoor air risk-based screening levels (IARBSLs). However, as discussed below, background concentrations of these compounds commonly exceed these screening levels, and the measured air concentrations for samples collected at the Site are within the range reported for background levels. These conclusions were discussed in the Interim and Follow-up Phase II Site Characterization reports which have been reviewed by the California Regional Water Quality Control Board – Los Angeles Region (RWQCB) and California Environmental Protection Agency Office of Environmental Health Hazard Assessment (OEHHA). The regulatory agency reviews of the Interim, Follow-up, and Final Interim Phase II Site Characterization reports have generally concurred that the VOCs detected in indoor air appear to be due to background sources.

## 3. BACKGROUND CONCENTRATION EVALUATION

For vapor intrusion evaluations, background concentrations are defined as those due to sources that are unrelated to subsurface impacts (e.g., contributions due to outdoor air and/or indoor sources). This section presents a review of background sources and concentrations, and characterizes Site-specific background indoor air concentrations.

### 3.1 Background Sources

There are a variety of background sources that can contribute to concentrations of VOCs in indoor air. These sources include outdoor air, sources within attached garages, indoor product use and activities, off-gassing from municipal water, residential building materials (e.g., paint, carpet, vinyl flooring), and materials brought into the home (e.g., dry cleaned clothing). Outdoor air, which in urban environments contains VOCs, mixes with indoor air through open doors and windows as well as through leaks/penetrations in the building envelope (i.e., buildings are not constructed to be air tight even when doors and windows are closed). Impacted air in attached garages can migrate into indoor areas as a result of poor seals between the garage and the residential living spaces (CARB, 2005). Elevated concentrations of VOCs in indoor air are often associated with indoor product use, occupant activities (e.g., hobbies, smoking), new building materials (Van Winkle and Scheff, 2001), and off-gassing from municipal drinking water. Typical sources of these background impacts include environmental tobacco smoke from cigarettes and cigars, gasoline- or diesel- powered equipment, paints, glues, solvents, cleaners, and natural gas.

- Environmental tobacco smoke is known to contain VOCs including benzene, toluene, xylenes, naphthalene, and styrene (Offermann et al., 1991; CARB, 2005; Jia and Batterman, 2010).
- Gasoline- and diesel-powered equipment such as automobiles and lawn mowers emit VOCs typical of petroleum products including benzene, toluene, ethylbenzene, and xylenes (BTEX), heptane, hexane, naphthalene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene (CARB, 2005).
- Municipal drinking water contains trihalomethanes (e.g., chloroform and bromodichloromethane) which are common by-products of municipal water disinfection.
- Paints, glues, solvents, cleaners, and deodorizers contain a wide variety of VOCs and are commonly found and used in residential households. VOCs associated with these products include (but are not limited to) BTEX, naphthalene, carbon tetrachloride, tetrachloroethene (PCE), and 1,4-dichlorobenzene (CARB, 2005).
- Natural gas contains low concentrations of low molecular weight hydrocarbons (e.g., benzene) and leaking natural gas lines/connections can be a source of VOCs to indoor air.

**Table D-4** summarizes common background sources of VOCs detected in indoor air and includes typical and maximum values that have been observed in air.

### 3.2 Indoor vs. Outdoor Concentrations

Studies have consistently shown that background concentrations of VOCs are higher in indoor air than in outdoor air (Van Winkle and Scheff, 2001; Hodgson and Levin, 2003; Sexton et al., 2004; CARB, 2005). On average, indoor concentrations were one (Jia and Batterman, 2010) to five (CARB, 2005) orders of magnitude higher than measured outdoor concentrations. This trend is likely due to two primary factors: indoor sources (as discussed above) and lower indoor ventilation compared to outdoor dispersion (Sexton et al., 2004). Studies have also shown that background levels in indoor air are building-specific due to household use and occupant activities (Van Winkle and Scheff, 2001; CARB, 2005).

### 3.3 Site-Specific Background Indoor Air Evaluation

Site-specific background levels for individual VOCs were estimated using the measured indoor air concentrations of residences at which the VOC was not detected in the sub-slab soil vapor samples collected at the property for the sampling event. If a chemical is not detected in sub-slab soil vapor under the building, its presence in indoor air is likely due to background sources (ITRC, 2007). This evaluation focused on the chlorinated solvents and petroleum hydrocarbons detected at the Site. **Table D-5** provides summary statistics (i.e., minimum, 5th, 25th, 50th, 75th, and 95th percentiles, and maximum values) for the detected chlorinated solvents and petroleum hydrocarbons. **Figures D-1 and D-2** compare the background indoor air concentrations (no detections in sub-slab soil vapor), indoor air concentrations at properties with VOC detection in the sub-slab soil vapor, and outdoor air concentrations for chlorinated compounds and petroleum hydrocarbons, respectively. Note that the compounds illustrated on **Figures D-1 and D-2** are limited to compounds that have sufficient indoor air measurements above detection limits to generate a plot.

**Table D-5 and Figures D-1 and D-2** show that for most VOCs, the indoor concentrations when a VOC is detected in sub-slab soil vapor (red lines in **Figures D-1 and D-2**) have population statistics similar to those of the Site-specific background indoor air concentrations (blue lines in **Figures D-1 and D-2**). This suggests that vapor intrusion is an insignificant contributor to the measured indoor air concentrations in buildings for most VOCs. The indoor air concentrations where a VOC is detected in sub-slab soil vapor are generally indistinguishable from background indoor air concentrations. Exceptions are noted for PCE and naphthalene. Indoor air concentrations for PCE in buildings where it is detected in sub-slab soil vapor are about

twice background indoor air levels. For naphthalene, slightly higher concentrations in indoor air of buildings where it is detected in sub-slab soil vapor are limited to the upper quartile of indoor air concentrations.

**Table D-5 and Figures D-1 and D-2** also show that the Site-specific background indoor concentrations are about two to ten times higher than outdoor air concentrations measured at the Site. This is consistent with trends reported in the literature and discussed above. In addition, both indoor air and outdoor air concentrations are within the range of background concentrations reported in the literature (Geosyntec, 2013). Also, comparison of the measured background indoor air and outdoor air concentrations to the IARBSLs shows that a substantial proportion of these values are above the IARBSLs for several compounds (e.g., 1,2-dichloroethane, 1,4-dichlorobenzene, benzene, carbon tetrachloride, ethylbenzene, and PCE).

## 4. SITE-SPECIFIC VAPOR INTRUSION PATHWAY EVALUATION

This section uses an analysis approach consistent with USEPA's (2012) approach to evaluate whether an empirical relationship between indoor air and sub-slab soil vapor concentrations can be defined for the Site and supports development of a Site-specific vapor intrusion attenuation factor.

### 4.1 Attenuation Factor Analysis Approach

The attenuation factor analysis approach presented in this section evaluates the empirical relationship between indoor air and sub-slab soil vapor concentrations when background influences on the indoor air concentrations are considered. This requires considering how background indoor air concentrations influence the empirical attenuation factor, which is shown in the equation below (USEPA, 2012):

$$AF_{EMP} = \frac{C_{IA}}{C_{SS}} = \frac{\left(C_{IA-VI} + C_{BKGD}\right)}{C_{SS}} \tag{1a}$$

$$AF_{EMP} = \frac{C_{IA-VI}}{C_{SS}} + \frac{C_{BKGD}}{C_{SS}} \tag{1b}$$

$$AF_{EMP} = AF_{VI} + \frac{C_{BKGD}}{C_{SS}} \tag{1c}$$

where

$AF_{EMP}$ represents the empirical attenuation factor,

$AF_{VI}$ represents the attenuation factor for vapor intrusion in the absence of indoor sources,

$C_{IA}$ represents the measured indoor air concentration (which includes potential contributions vapor intrusion and background sources),

$C_{BKGD}$ represents the indoor air concentration due to background sources (either indoor or outdoor sources),

$C_{IA\text{-}VI}$ represents the indoor air concentration due to vapor intrusion, and

$C_{SS}$ represents the sub-slab soil vapor concentration.

Based on vapor intrusion theory described by Equation 1c, the relationship between the attenuation factors, background concentrations, and sub-slab soil vapor concentrations can be characterized.

- If background concentrations are zero ($C_{BKCG} = 0$), then the empirical attenuation factor ($AF_{EMP}$, the ratio of measured indoor air concentration to measured sub-slab soil vapor concentration) is equal to the attenuation factor for vapor intrusion, $AF_{VI}$. With no background sources, $AF_{EMP}$ is independent of sub-slab soil vapor concentrations.

- At high sub-slab soil vapor concentrations, the second term in Equation 1c is much smaller than $AF_{VI}$. In these cases, the $AF_{EMP}$ approaches the attenuation factor for vapor intrusion, $AF_{VI}$. However, there may be some bias in $AF_{EMP}$ due to background sources if the background concentrations are relatively large.

- At lower sub-slab soil vapor concentrations, the second term in Equation 1c can be similar to or much larger than $AF_{VI}$. In these cases, the empirical attenuation factor will be biased high relative to the vapor intrusion attenuation factor, $AF_{VI}$, due to the contribution of background sources to indoor air. In some cases, the bias can be quite high (e.g., the second term in Equation 1c can be orders of magnitude higher than $AF_{VI}$).

In summary, the empirical attenuation factor will represent the attenuation due to vapor intrusion when background sources are insignificant. However, based on the Site-specific background indoor air evaluation, background contributions to indoor air concentrations are significant at the Site. In this case, the Site-specific vapor intrusion attenuation factor is best estimated by examining cases where the sub-slab soil vapor

concentrations are high. At low sub-slab concentrations, the contributions due to background sources must be considered.

**Figure D-3** illustrates the effect of increasing background concentrations on the empirical attenuation factor. In this figure, a vapor intrusion attenuation factor ($AF_{VI}$) equal to 0.002 is assumed and background concentrations from 0 (i.e., no background contribution) to 10 μg/m$^3$ are evaluated. The assumed value for $AF_{VI}$ in these plots is representative of midpoint of the range of values reported in the literature (Johnson, 2005) and approximately equal to the median value from the USEPA nationwide database (USEPA, 2012)[2]. Note these plots show the same calculated relationship between the empirical attenuation factor versus sub-slab soil vapor concentration, but at different scales on the x-axis (0-20,000, 0-2,000, and 0-200 μg/m$^3$).

- As described above, these plots illustrate that when background indoor air concentrations are equivalent to or greater than the concentration contributed by vapor intrusion, the empirical attenuation factor, $AF_{EMP}$, is biased high relative to the vapor intrusion attenuation factor, $AF_{VI}$. The difference between the calculated $AF_{EMP}$ curves and the zero background line (the red lines in **Figure D-3**) is due to background and the bias varies in proportion to the background concentration. At lower sub-slab soil vapor concentrations (e.g., less than 100 μg/m$^3$, the effect of background contributions on $AF_{EMP}$ can be quite significant. It is important to also keep in mind that background concentrations are not a single value; background concentrations will vary from house to house and day to day depending on local activities and/or chemical use or storage as well as regional conditions. As discussed in Section 3.3, orders of magnitude variability in background concentrations have been observed at the Site.

- These figures also illustrate that $AF_{EMP}$ approaches $AF_{VI}$ when the subsurface vapor concentrations are many orders of magnitude higher than the background indoor air concentrations (i.e., the vapor intrusion contribution to indoor air concentration is substantially greater than the background contribution). However, the effect of background is evident even when sub-slab concentrations

[2] The geometric mean of the range of Qsoil/Qbldg reported in Johnson, 2005 is 0.0016. The median value of $AF_{EMP}$ for sub-slab data reported in the EPA database is 0.0025. As discussed In Section 4.2, the empirical data collected from the Site supports an upper-bound vapor intrusion attenuation factor of 0.002. However, the value used in the plots shown in Figure D-3 is intended for demonstration purposes to illustrate the effect of background sources on $AF_{EMP}$.

are over 1,000 μg/m$^3$. Consequently, the effect of background sources must be carefully considered in the attenuation factor evaluation for the entire data set.

In the vapor intrusion assessment for the Site, the contribution of background to the empirical attenuation factor was addressed by using Site-specific background indoor air concentrations (provided in **Table D-3**) in the equation above. Empirical attenuation factors were calculated from Site data[3] and plotted as a function of sub-slab soil vapor concentration. Theoretical curves of $AF_{EMP}$ as a function of sub-slab soil vapor concentrations were fit to these results to identify a conservative upper-bound vapor intrusion attenuation factor for the Site.

### 4.2 Attenuation Factor Analysis Results

**Figure D-4** shows the relationship between the empirical attenuation factor and sub-slab soil vapor concentration for chlorinated compounds detected in sub-slab soil vapor and **Figure D-5** shows the relationship for petroleum hydrocarbons. Each figure illustrates the relationship at three different scales on the x-axis (0-30,000 μg/m$^3$, 0-2,000 μg/m$^3$, and 0-200 μg/m$^3$ for chlorinated compounds and 0-20,000 μg/m$^3$, 0-2,000 μg/m$^3$, and 0-200 μg/m$^3$ for petroleum hydrocarbons), due to the large range of sub-slab soil vapor concentrations in the dataset used for this evaluation. **Figures D-4 and D-5** show that the Site-specific indoor air background concentrations of many common VOCs significantly influence the empirical attenuation factors (i.e., the empirical attenuation factors are biased high relative to the vapor intrusion attenuation factor), even for cases with higher soil vapor concentrations.

The figures also illustrate the influence of background on empirical attenuation factors by plotting the curves represented by the Equation 1c using:

- Vapor intrusion attenuation factor ($AF_{VI}$) of 0.002 and
- Site-specific background indoor air concentrations as presented in **Table D-5**.

The $AF_{VI}$ value (0.002) is a conservative estimate based on empirical attenuation factors for high (i.e., greater than 1000 μg/m$^3$) sub-slab soil vapor concentrations. As discussed in Section 4.1, the effect of background sources on the empirical attenuation factor is smaller where the sub-slab soil vapor concentration is high.

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[3] In response to RWQCB comments on the Site-Specific Cleanup Goal report, outdoor air concentrations were not subtracted from the indoor air concentrations when calculating the $AF_{EMP}$.

Broad distributions are seen for the Site-specific background indoor air concentrations and the variability in these background concentrations is expected to be much larger than the variability in $AF_{VI}$. Consequently, multiple curves showing modeled estimates using a range of indoor air background concentrations are plotted in these figures to show the range of potential results.

**Figures D-4 and D-5** show significant scatter in the empirical attenuation factors, particularly at low source concentrations (including values greater than 1), but as described in Section 4.1, this scatter is a result of variability in background concentration. Similar results are observed for individual compounds, as is shown on **Figures D-6, D-7 and D-8** for benzene, naphthalene and PCE, respectively. The theoretical curves included in these figures show that the scatter can be accounted for by considering the influence of Site-specific background indoor air concentrations on the empirical attenuation factor. Note that the curves based on the 50 percentile (i.e., median) background concentration generally fit the middle of the data set. This is expected, because 50 percent of the background concentrations are higher (or lower) than the median background value used for the theoretical curve. Similarly, the curves based on the 95 percentile background concentration generally over-estimate the $AF_{VI}$, for the bulk of the data set. A small number of empirical attenuation factors are above the curve based on the 95 percentile background concentration; however, this is expected because a small portion of the Site-specific background concentrations are higher than the 95 percentile value.

Overall, the trends for petroleum and chlorinated compounds are similar and indicate a vapor intrusion factor of 0.002 may be used as a bounding estimate for corrective action planning.

## 5. SUMMARY

The results of this multiple-lines-of-evidence evaluation of the vapor intrusion pathway at the Site indicate:

- Indoor air and outdoor air concentrations of VOCs detected at the properties evaluated are generally indistinguishable from background and are within the typical ranges of background concentrations reported in the literature.
- Evaluation of the relationship between the empirical attenuation factor and sub-slab soil vapor concentrations shows that background indoor air concentrations have a considerable impact on the calculated empirical attenuation factors. By considering the influence of background sources on

indoor air concentrations, the analysis indicates an attenuation factor of 0.002 serves as an upper bound estimate the Site-specific vapor intrusion attenuation factor.

## 6. REFERENCES

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**Tables**

Table D-1 – Statistical Summary of Maximum Sub-Slab Soil Vapor Concentrations

Table D-2 – Statistical Summary of Maximum Indoor Air Concentrations

Table D-3 – Statistical Summary of Maximum Outdoor Air Concentrations

Table D-4 – Background Sources of Chemicals in Indoor Air

Table D-5 – Comparison of Indoor Air Concentrations with Detections in Subsurface Vapor to Site-Specific Background Indoor and Outdoor Air Concentrations

**Figures**

Figure D-1 – Statistical Summary of Air Analytical Results, Chlorinated Compounds

Figure D-2 – Statistical Summary of Air Analytical Results, Petroleum Hydrocarbons

Figure D-3 – Effect of Background on Empirical Attenuation Factor

Figure D-4 – Empirical Attenuation Factor Analysis, Chlorinated Compounds

Figure D-5 – Empirical Attenuation Factor Analysis, Petroleum Compounds

Figure D-6 – Empirical Attenuation Factor Analysis, Benzene

Figure D-7 - Empirical Attenuation Factor Analysis, Naphthalene

Figure D-8 – Empirical Attenuation Factor Analysis, Tetrachloroethene

* * * * *

# TABLES



engineers | scientists | innovators

Table D-1
Statistical Summary of Maximum Sub-Slab Soil Vapor Concentrations
*Former Kast Property*
*Carson, California*

| Analyte | Number of Values | Detection Frequency % | Minimum | Median | Maximum |
|---|---|---|---|---|---|
| 1,1-Dichloroethane | 486 | 2 | 0.26 | 0.97 | 360 |
| 1,1-Dichloroethene | 486 | 2 | 0.66 | 1.3 | 300 |
| 1,1,1-Trichloroethane | 486 | 6 | 0.41 | 1.1 | 720 |
| 1,1,2-Trichloroethane | 486 | 1 | 0.58 | 1.5 | 550 |
| 1,1,2,2-Tetrachloroethane | 486 | 2 | 0.58 | 1.2 | 260 |
| 1,2-Dichlorobenzene | 486 | 1 | 0.55 | 1.4 | 790 |
| 1,2-Dichloroethane | 486 | 1 | 0.55 | 0.94 | 330 |
| 1,2,4-Trimethylbenzene | 486 | 3 | 0.53 | 1.3 | 2400 |
| 1,3-Dichlorobenzene | 486 | 1 | 0.56 | 1.4 | 410 |
| 1,3,5-Trimethylbenzene | 486 | 1 | 0.44 | 1.4 | 370 |
| 1,4-Dichlorobenzene | 486 | 2 | 0.5 | 1.3 | 160 |
| 2-Butanone (Methyl Ethyl Ketone) | 486 | 10 | 0.92 | 3.05 | 950 |
| 2-Hexanone | 486 | 3 | 0.65 | 2.8 | 860 |
| 4-Ethyltoluene | 486 | 2 | 0.39 | 1.3 | 38000 |
| 4-Methyl-2-Pentanone | 486 | 4 | 0.47 | 1.6 | 380000 |
| Acetone | 486 | 69 | 1.2 | 33 | 1600000 |
| Benzene | 486 | 7 | 0.26 | 1.1 | 34000 |
| Bromodichloromethane | 486 | 6 | 0.54 | 1.7 | 190 |
| Bromomethane | 486 | 5 | 0.61 | 2.8 | 610 |
| Carbon Disulfide | 486 | 4 | 0.33 | 2.3 | 12000 |
| Carbon Tetrachloride | 485 | 2 | 0.50 | 2.2 | 15000 |
| Chloroethane | 486 | 2 | 0.89 | 2.4 | 44000 |
| Chloroform | 486 | 31 | 0.55 | 4.7 | 16000 |
| Chloromethane | 486 | 2 | 0.95 | 4.6 | 22000 |
| cis-1,2-Dichloroethene | 486 | 3 | 0.52 | 2.1 | 13000 |
| Cumene (Isopropylbenzene) | 486 | 2 | 0.35 | 1.3 | 930 |
| Cyclohexane | 486 | 4 | 0.30 | 1.2 | 6800 |
| Ethanol | 486 | 26 | 0.87 | 4.5 | 4100 |
| Ethylbenzene | 486 | 5 | 0.48 | 1.4 | 740 |
| Freon 11 | 486 | 7 | 0.42 | 1.2 | 98 |
| Freon 113 | 486 | 6 | 0.84 | 1.9 | 440 |
| Freon 12 | 486 | 20 | 0.46 | 1.2 | 560 |
| Heptane | 485 | 10 | 0.38 | 1.3 | 910 |
| Hexachloro-1,3-Butadiene | 486 | 5 | 2.5 | 5.2 | 3400 |
| Hexane | 486 | 15 | 0.33 | 1.0 | 1500 |
| Isopropanol | 486 | 17 | 0.82 | 2.5 | 220 |
| Methyl-tert-Butyl Ether | 486 | 4 | 0.21 | 0.8 | 1800 |
| Methylene Chloride | 486 | 5 | 0.29 | 1.8 | 28000 |
| Naphthalene | 486 | 82 | 0.32 | 2.3 | 17000 |
| o-Xylene | 486 | 6 | 0.22 | 1.0 | 380 |
| p/m-Xylene | 486 | 9 | 0.38 | 1.0 | 530 |
| Propylbenzene | 486 | 5 | 0.28 | 0.82 | 220 |
| Styrene | 486 | 5 | 0.30 | 0.86 | 190 |

Table D-1

Statistical Summary of Maximum Sub-Slab Soil Vapor Concentrations

*Former Kast Property*

*Carson, California*

| Analyte | Number of Values | Detection Frequency % | Minimum | Median | Maximum |
|---|---|---|---|---|---|
| Tetrachloroethene | 486 | 21 | 0.50 | 1.5 | 760 |
| Tetrahydrofuran | 486 | 7 | 0.40 | 1.2 | 100 |
| Toluene | 486 | 27 | 0.25 | 0.81 | 1300 |
| trans-1,2-Dichloroethene | 486 | 6 | 0.82 | 1.4 | 760 |
| Trichloroethene | 485 | 8 | 0.66 | 1.4 | 380 |

**Notes:**

% - percent

All concentrations are reported in $\mu g/m^3$. The full reporting limit was substituted for non-detects.

Concentrations are the maximum of the sub-slab soil vapor concentrations measured during each sampling event at each residence.

Table D-2
Statistical Summary of Maximum Indoor Air Concentrations
*Former Kast Property*
*Carson, California*

| Analyte | Number of Values | Detection Frequency % | Minimum | Median | Maximum |
|---|---|---|---|---|---|
| 1,1-Dichloroethane | 486 | 0 | -- | -- | -- |
| 1,1-Dichloroethene | 486 | 0 | -- | -- | -- |
| 1,1,1-Trichloroethane | 486 | 11 | 0.12 | 0.31 | 7.8 |
| 1,1,2-Trichloroethane | 486 | 8 | 0.004 | 0.007 | 0.38 |
| 1,1,2,2-Tetrachloroethane | 486 | 9 | 0.003 | 0.01 | 0.38 |
| 1,2-Dichlorobenzene | 486 | 1 | 0.16 | 0.29 | 2.5 |
| 1,2-Dichloroethane | 486 | 100 | 0.07 | 0.76 | 34 |
| 1,2,4-Trimethylbenzene | 486 | 97 | 0.26 | 0.86 | 17 |
| 1,3-Dichlorobenzene | 486 | 0.6 | 0.12 | 0.28 | 5.0 |
| 1,3,5-Trimethylbenzene | 486 | 44 | 0.19 | 0.32 | 5.4 |
| 1,4-Dichlorobenzene | 486 | 100 | 0.01 | 0.16 | 670 |
| 2-Butanone (Methyl Ethyl Ketone) | 486 | 100 | 0.30 | 2.9 | 70 |
| 2-Hexanone | 486 | 57 | 0.17 | 0.42 | 3.0 |
| 4-Ethyltoluene | 486 | 41 | 0.20 | 0.31 | 3.3 |
| 4-Methyl-2-Pentanone | 486 | 83 | 0.16 | 0.51 | 16 |
| Acetone | 486 | 100 | 9.1 | 34 | 820 |
| Benzene | 486 | 100 | 0.24 | 0.94 | 6.8 |
| Bromodichloromethane | 486 | 68 | 0.004 | 0.21 | 2.9 |
| Bromomethane | 486 | 8 | 0.16 | 0.34 | 1.7 |
| Carbon Disulfide | 486 | 48 | 0.20 | 0.3 | 12 |
| Carbon Tetrachloride | 485 | 100 | 0.34 | 0.47 | 0.91 |
| Chloroethane | 486 | 1 | 0.15 | 0.31 | 1.3 |
| Chloroform | 486 | 100 | 0.13 | 0.49 | 13 |
| Chloromethane | 486 | 99 | 0.25 | 0.72 | 1.5 |
| cis-1,2-Dichloroethene | 486 | 0.2 | 0.15 | 0.31 | 0.55 |
| Cumene (Isopropylbenzene) | 486 | 3 | 0.17 | 0.28 | 1.4 |
| Cyclohexane | 486 | 66 | 0.38 | 0.70 | 8.3 |
| Ethanol | 486 | 100 | 1.5 | 190 | 4600 |
| Ethylbenzene | 486 | 100 | 0.22 | 0.96 | 13 |
| Freon 11 | 486 | 100 | 0.86 | 1.3 | 60 |
| Freon 113 | 486 | 100 | 0.31 | 0.54 | 2.5 |
| Freon 12 | 486 | 100 | 1.6 | 2.3 | 53 |
| Heptane | 485 | 97 | 0.27 | 0.92 | 23 |
| Hexachloro-1,3-Butadiene | 486 | 0.4 | 0.22 | 0.27 | 0.53 |
| Hexane | 486 | 99 | 0.27 | 1.2 | 12 |
| Isopropanol | 486 | 99 | 0.64 | 12 | 2800 |
| Methyl-tert-Butyl Ether | 486 | 3 | 0.16 | 0.31 | 7.0 |
| Methylene Chloride | 486 | 100 | 0.22 | 0.62 | 67 |
| Naphthalene | 486 | 100 | 0.04 | 0.40 | 42 |
| o-Xylene | 486 | 98 | 0.23 | 0.97 | 13 |
| p/m-Xylene | 486 | 100 | 0.55 | 2.4 | 48 |
| Propylbenzene | 486 | 27 | 0.17 | 0.32 | 4.0 |
| Styrene | 486 | 97 | 0.25 | 0.84 | 31 |

Table D-2

Statistical Summary of Maximum Indoor Air Concentrations

*Former Kast Property*

*Carson, California*

| Analyte | Number of Values | Detection Frequency % | Minimum | Median | Maximum |
|---|---|---|---|---|---|
| Tetrachloroethene | 486 | 100 | 0.03 | 0.24 | 45 |
| Tetrahydrofuran | 486 | 29 | 0.27 | 0.45 | 22 |
| Toluene | 486 | 100 | 1.2 | 6.4 | 91 |
| trans-1,2-Dichloroethene | 486 | 0.6 | 0.15 | 0.33 | 0.93 |
| Trichloroethene | 485 | 10 | 0.15 | 0.27 | 10 |

***Notes:***

% - percent

-- No samples with analytical results above reporting limits.

All concentrations are reported in $\mu g/m^3$. The full reporting limit was substituted for non-detects.

Concentrations are the maximum of the indoor air concentrations measured during each sampling event at each residence.

Table D-3
Statistical Summary of Maximum Outdoor Air Concentrations
*Former Kast Property*
*Carson, California*

| Analyte | Number of Values | Detection Frequency % | Minimum | Median | Maximum |
|---|---|---|---|---|---|
| 1,1-Dichloroethane | 486 | 0 | -- | -- | -- |
| 1,1-Dichloroethene | 486 | 0.2 | 0.16 | 0.31 | 1.6 |
| 1,1,1-Trichloroethane | 486 | 0.4 | 0.12 | 0.29 | 0.55 |
| 1,1,2-Trichloroethane | 486 | 7 | 0.004 | 0.01 | 0.06 |
| 1,1,2,2-Tetrachloroethane | 486 | 3 | 0.002 | 0.01 | 0.34 |
| 1,2-Dichlorobenzene | 486 | 0.2 | 0.16 | 0.28 | 0.42 |
| 1,2-Dichloroethane | 486 | 100 | 0.04 | 0.08 | 0.75 |
| 1,2,4-Trimethylbenzene | 486 | 69 | 0.18 | 0.39 | 3.5 |
| 1,3-Dichlorobenzene | 486 | 0.6 | 0.12 | 0.27 | 1.4 |
| 1,3,5-Trimethylbenzene | 486 | 23 | 0.17 | 0.30 | 1.2 |
| 1,4-Dichlorobenzene | 486 | 99 | 0.02 | 0.07 | 1.2 |
| 2-Butanone (Methyl Ethyl Ketone) | 486 | 99 | 0.33 | 1.3 | 9.0 |
| 2-Hexanone | 486 | 30 | 0.17 | 0.33 | 1.4 |
| 4-Ethyltoluene | 486 | 24 | 0.18 | 0.30 | 1.5 |
| 4-Methyl-2-Pentanone | 486 | 27 | 0.15 | 0.30 | 5.6 |
| Acetone | 486 | 100 | 2.8 | 9.9 | 130 |
| Benzene | 486 | 100 | 0.20 | 0.6 | 4.5 |
| Bromodichloromethane | 486 | 5 | 0.004 | 0.01 | 0.25 |
| Bromomethane | 486 | 8 | 0.16 | 0.33 | 1.7 |
| Carbon Disulfide | 486 | 16 | 0.18 | 0.27 | 19 |
| Carbon Tetrachloride | 485 | 100 | 0.34 | 0.47 | 0.68 |
| Chloroethane | 486 | 0 | -- | -- | -- |
| Chloroform | 486 | 100 | 0.06 | 0.19 | 2.9 |
| Chloromethane | 486 | 99 | 0.28 | 0.63 | 1.1 |
| cis-1,2-Dichloroethene | 486 | 1.4 | 0.15 | 0.29 | 1.4 |
| Cumene (Isopropylbenzene) | 486 | 0.2 | 0.16 | 0.27 | 0.38 |
| Cyclohexane | 486 | 37 | 0.34 | 0.55 | 4.6 |
| Ethanol | 486 | 100 | 3.1 | 17 | 220 |
| Ethylbenzene | 486 | 100 | 0.08 | 0.33 | 3.2 |
| Freon 11 | 486 | 100 | 0.90 | 1.2 | 3.3 |
| Freon 113 | 486 | 100 | 0.35 | 0.54 | 0.95 |
| Freon 12 | 486 | 100 | 1.7 | 2.3 | 3.2 |
| Heptane | 485 | 65 | 0.22 | 0.37 | 4.3 |
| Hexachloro-1,3-Butadiene | 486 | 0.6 | 0.22 | 0.26 | 0.46 |
| Hexane | 486 | 92 | 0.26 | 0.7 | 10 |
| Isopropanol | 486 | 94 | 0.54 | 2.3 | 220 |
| Methyl-tert-Butyl Ether | 486 | 0.8 | 0.16 | 0.3 | 31 |
| Methylene Chloride | 486 | 100 | 0.21 | 0.4 | 1000 |
| Naphthalene | 486 | 100 | 0.05 | 0.2 | 5.8 |
| o-Xylene | 486 | 74 | 0.18 | 0.42 | 3.8 |
| p/m-Xylene | 486 | 89 | 0.44 | 1.1 | 10 |
| Propylbenzene | 486 | 9 | 0.16 | 0.3 | 0.74 |
| Styrene | 486 | 29 | 0.17 | 0.28 | 3.6 |

Table D-3

Statistical Summary of Maximum Outdoor Air Concentrations

*Former Kast Property*

*Carson, California*

| Analyte | Number of Values | Detection Frequency % | Minimum | Median | Maximum |
|---|---|---|---|---|---|
| Tetrachloroethene | 486 | 100 | 0.02 | 0.10 | 2.0 |
| Tetrahydrofuran | 486 | 13 | 0.26 | 0.39 | 1.5 |
| Toluene | 486 | 100 | 0.49 | 1.9 | 22 |
| trans-1,2-Dichloroethene | 486 | 0.2 | 0.15 | 0.33 | 0.48 |
| Trichloroethene | 485 | 4 | 0.15 | 0.26 | 1.4 |

***Notes:***

% - percent

-- No samples with analytical results above reporting limits.

All concentrations are reported in $\mu g/m^3$. The full reporting limit was substituted for non-detects.

Concentrations are the maximum of the outdoor air concentrations measured during each sampling event at each residence.

Table D-4
Background Sources of Chemicals in Indoor Air
Former Kast Property
Carson, California

| Analyte | CAS | Common Sources[1,2,3] | Typical Value[4] (ug/m$^3$) | Max Value[5,6] (ug/m$^3$) |
|---|---|---|---|---|
| 1,1,1-Trichloroethane | 71-55-6 | Automotive adhesive, lubricant, wood parquet adhesive, silicone lubricant, floor adhesive, furniture cleaner, horticulture spreader/sticker | 1.9 | 150 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | Paint, pesticide, adhesives, lubricant | NR | NR |
| 1,1,2-Trichloroethane | 79-00-5 | Electronics lubricant, automotive adhesive, glass cleaner | NR | NR |
| 1,1-Dichloroethane | 75-34-3 | Air freshener | NR | 0.9 |
| 1,2,4-Trimethylbenzene | 95-63-6 | Gasoline, paints, automotive parts cleaners, wood floor wax, pesticides | 3.9 | 71 |
| 1,2-Dichloroethane | 107-06-2 | Molded plastic consumer products (e.g., toys and holiday decorations), Dorersol (Dexol Industries), home defense fogger (pepper spray) | 0.04 | 1.1 |
| 1,3,5-Trimethylbenzene | 108-67-8 | Gasoline, paints, automotive parts cleaners, wood floor wax, pesticides | 1.2 | 32 |
| 1,4-Dichlorobenzene | 106-46-7 | Mothballs, bathroom fresheners. A common fumigant for moths, molds and mildews; minor use for control of tree-boring insects | 0.54 | 160 |
| 2-Butanone | 78-93-3 | Paint, automotive parts cleaners, adhesives | NR | NR |
| 4-Methyl-2-Pentanone (MIBK) | 108-10-1 | Paint, shellac, dry erase marker | NR | NR |
| Acetone | 67-64-1 | Paints, laquers, paint thinners, adhesives, automotive parts cleaners, nail polish remover, air fresheners, super glue remover, household cleaners, pet care, foggers | 36 | 670 |
| Benzene | 71-43-2 | Gasoline, other petroluem products, natural gas, tobacco smoke, solvents | 2.9 | 58 |
| Bromodichloromethane [7] | 75-27-4 | Byproduct of municipal water chlorination process | 0.027 | 8.7 |
| Bromomethane | 74-83-9 | Byproduct of municipal water chlorination process | NR | 2.8 |
| Carbon Tetrachloride | 56-23-5 | Automotive trim/detail adhesive, Radio Shack plastic bonder, adhesive remover, byproduct of chemical bleach reacting with surfactants, auto brake cleaner, Clorox cleanup, Formula 44/40, Lysol toilet bowl cleaner with bleach | 0.57 | 1.8 |
| Chloroform | 67-66-3 | Byproduct of municipal water chlorination process, solvent (adhesive remover), Fix-a-Flat, Clorox Cleanup, Lysol toilet bowl cleaner with bleach | 1.1 | 13 |
| Chloromethane | 74-87-3 | Static guard, aerosol | NR | NR |
| Cyclohexane | 110-87-7 | Adhesive/glue, laquer thinner, degreaser, paint | 0.62 | NR |
| Ethanol | 64-17-5 | Paints, cleaners, air fresheners, adhesives, windshield treatment/glass cleaners, soaps/detergents, aerosol sprays, personal care products, insecticides, pet care products, beverages | NR | NR |
| Ethylbenzene | 100-41-4 | Gasoline, other petroluem products, paints, degreaser, pesticides | 2.3 | 48 |
| Freon 11 | 75-69-4 | Refrigerant, electronics cleaner (flux stripper) | NR | NR |
| Freon 113 | 76-13-1 | Refrigerant, solvent | NR | 7 |
| Freon 12 | 75-71-8 | Refrigerant | NR | NR |
| Heptane | 142-82-5 | Gasoline, other petroleum products, adhesive, laquer, automotive cleaner and lubricant, water repellant, pesticide | 1.1 | NR |

Table D-4
Background Sources of Chemicals in Indoor Air
Former Kast Property
Carson, California

| Analyte | CAS | Common Sources[1,2,3] | Typical Value[4] ($ug/m^3$) | Max Value[5,6] ($ug/m^3$) |
|---|---|---|---|---|
| Hexane | 110-54-3 | Gasoline, other petroleum products, adhesive, automotive parts cleaner, solvent, flea treatment for pets | 1.8 | NR |
| Isopropanol | 67-63-0 | Personal care products, paints, adhesive, cleaning products, water repellant, automotive parts cleaner, ink cartridges, household cleaning products | NR | NR |
| Methylene Chloride | 75-09-2 | Automotive cleaner/lubricant/degreaser, adhesive and paint remover, herbicide | 4.9 | 260 |
| Naphthalene | 91-20-3 | Gasoline, other petroluem products, mothballs, automotive parts cleaner, paint, herbicide, pesticide | 0.47 | 5.0 |
| n-Propylbenzene | 103-65-1 | Gasoline, other petroleum products | 0.54 | 17 |
| o-Xylene | 95-47-6 | Gasoline, other petroleum products, paint, automotive parts cleaner, adhesive, pesticide, pet care products | 2.2 | 61 |
| p/m-Xylene | 1330-20-7-1 | Gasoline, other petroleum products, paint, automotive parts cleaner, adhesive, pesticide, pet care products | 5.7 | 290 |
| Styrene | 100-42-5 | Gasoline, other petroleum products, automotive care, adhesive | 0.98 | 23 |
| Tetrachloroethene | 127-18-4 | Dry cleaner solvent, adhesive, automotive parts cleaner/degreaser/lubricant, stain remover, garage door lubricant, gutter seal, electrical parts, Gunk cleaner/lubricants, Shoo Goo, tire inflator and sealer, windshield cleaner | 0.95 | 47 |
| Tetrahydrofuran | 109-99-9 | Solvent, primer, cement, | 2.1 [6] | 180 |
| Toluene | 108-88-3 | Gasoline, other petroleum products, paints, adhesives, automotive parts cleaner, pesticide | 12 | 180 |
| Trichloroethene | 79-01-6 | Dry cleaner solvent, automotive parts-solvent cleaner/degreaser garage door lubricant, auto brake cleaner, fabric stain remover/cleaner, electronics cleaner, gun cleaner/lubricant, insecticide, pepper spray, rain and stain guard, rubber cement, leather finish, windshield cleaner | 0.38 | 10 |

All concentrations reported in $ug/m^3$ (micrograms per cubic meter)

NR Not reported

1. Taken from NIH Household Products Database (http://householdproducts.nlm.nih.gov/index.htm)
2. Taken from ATSDR Toxic Substances Database (http://www.atsdr.cdc.gov/substances/index.asp)
3. Gorder and Dettenmaier. Department of Defense Hill Air Force Base, Detailed Indoor Air Characterization and Interior Source Identification by Portable GC/MS. AWMA, 30 September 2010 (http://events.awma.org/education/vapor-proceed.html)
4. "Best Estimate" average value from Hodgson and Levin, 2003. Volatile Organic Compounds in Indoor Air: A Review of Concentrations Measured in North America Since 1990, LBNL-51715, except as noted
5. Maximum value from Hodgson and Levin, 2003. Volatile Organic Compounds in Indoor Air: A Review of Concentrations Measured in North America Since 1990, LBNL-51716. When available geometric mean of maximum values reported among studies
6. Maximum values from USEPA, 2011 Background Indoor Air Concentrations of Volatile Organic Compounds in North American Residences (1990-2005): A Compilation of Statistics for Assessing Vapor Intrusion, Office of Solid Waste and Emergency Response, U.S. Environmental Protection Agency, EPA 530-R-10-001. June 2011.

Table D-5
Comparison of Indoor Air Concentrations of Selected VOCs with Detections in Subsurface Vapor to Site-Specific Background Indoor and Outdoor Air Concentrations

*Former Kast Property*
*Carson, California*

| Sample Group | Analyte | Number of Values | Detection Frequency % | Minimum | 5th | 25th | Median | 75th | 95th | 98th | 99th | Maximum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IA (SS=Detect) | 1,1,1-Trichloroethane | 30 | 50 | 0.15 | *ns* | 0.28 | 0.32 | 0.50 | *ns* | *ns* | *ns* | 5.2 |
| IA (SS=ND) | 1,1,1-Trichloroethane | 456 | 9 | 0.12 | 0.23 | 0.27 | 0.31 | 0.33 | 0.60 | *ns* | *ns* | 7.8 |
| OA (All) | 1,1,1-Trichloroethane | 486 | 0.4 | 0.12 | *ns* | *ns* | 0.29 | *ns* | *ns* | *ns* | *ns* | 0.55 |
| IA (SS=Detect) | 1,1,2,2-Tetrachloroethane | 10 | 20 | 0.003 | *ns* | *ns* | 0.0098 | *ns* | *ns* | *ns* | *ns* | 0.20 |
| IA (SS=ND) | 1,1,2,2-Tetrachloroethane | 476 | 9 | 0.003 | 0.003 | 0.009 | 0.010 | 0.01 | 0.08 | *ns* | *ns* | 0.38 |
| OA (All) | 1,1,2,2-Tetrachloroethane | 486 | 3 | 0.002 | *ns* | 0.009 | 0.009 | 0.01 | *ns* | *ns* | *ns* | 0.34 |
| IA (SS=Detect) | 1,2-Dichloroethane | 7 | 100 | 0.07 | *ns* | 0.19 | 0.30 | 1.12 | *ns* | *ns* | *ns* | 1.6 |
| IA (SS=ND) | 1,2-Dichloroethane | 479 | 100 | 0.07 | 0.13 | 0.3 | 0.77 | 2.0 | 8.1 | 12 | 15 | 34 |
| OA (All) | 1,2-Dichloroethane | 486 | 100 | 0.04 | 0.05 | 0.06 | 0.08 | 0.11 | 0.21 | 0.27 | 0.4 | 0.75 |
| IA (SS=Detect) | 1,2,4-Trimethylbenzene | 15 | 100 | 0.3 | *ns* | 0.64 | 0.74 | 1.45 | *ns* | *ns* | *ns* | 11 |
| IA (SS=ND) | 1,2,4-Trimethylbenzene | 471 | 97 | 0.26 | 0.31 | 0.56 | 0.87 | 1.7 | 4.0 | 5.5 | 8.1 | 17 |
| OA (All) | 1,2,4-Trimethylbenzene | 486 | 69 | 0.18 | 0.26 | 0.29 | 0.39 | 0.84 | 1.9 | 2.3 | 2.6 | 3.5 |
| IA (SS=Detect) | 1,3,5-Trimethylbenzene | 7 | 29 | 0.27 | *ns* | *ns* | 0.30 | *ns* | *ns* | *ns* | *ns* | 0.68 |
| IA (SS=ND) | 1,3,5-Trimethylbenzene | 479 | 44 | 0.19 | 0.27 | 0.30 | 0.32 | 0.48 | 1.1 | 1.6 | 2.7 | 5.4 |
| OA (All) | 1,3,5-Trimethylbenzene | 486 | 23 | 0.17 | 0.25 | 0.28 | 0.30 | 0.31 | 0.58 | 0.71 | 0.83 | 1.2 |
| IA (SS=Detect) | 1,4-Dichlorobenzene | 11 | 100 | 0.04 | *ns* | 0.11 | 0.15 | 0.18 | *ns* | *ns* | *ns* | 0.47 |
| IA (SS=ND) | 1,4-Dichlorobenzene | 475 | 100 | 0.01 | 0.05 | 0.09 | 0.16 | 0.33 | 23 | 93 | 196 | 670 |
| OA (All) | 1,4-Dichlorobenzene | 486 | 99 | 0.02 | 0.02 | 0.04 | 0.07 | 0.14 | 0.29 | 0.35 | 0.4 | 1.2 |
| IA (SS=Detect) | 4-Ethyltoluene | 12 | 25 | 0.27 | *ns* | *ns* | 0.30 | *ns* | *ns* | *ns* | *ns* | 0.53 |
| IA (SS=ND) | 4-Ethyltoluene | 474 | 41 | 0.20 | 0.27 | 0.30 | 0.32 | 0.47 | 0.99 | 1.7 | 2.0 | 3.3 |
| OA (All) | 4-Ethyltoluene | 486 | 24 | 0.18 | 0.25 | 0.28 | 0.30 | 0.31 | 0.57 | 0.72 | 0.82 | 1.5 |
| IA (SS=Detect) | Benzene | 32 | 100 | 0.46 | 0.5 | 0.77 | 0.94 | 1.6 | 3.6 | *ns* | *ns* | 5.1 |
| IA (SS=ND) | Benzene | 454 | 100 | 0.24 | 0.4 | 0.60 | 0.94 | 1.7 | 3.7 | 4.1 | 4.8 | 6.8 |
| OA (All) | Benzene | 486 | 100 | 0.20 | 0.28 | 0.40 | 0.60 | 1.2 | 2.5 | 3.1 | 3.5 | 4.5 |

Table D-5

Comparison of Indoor Air Concentrations of Selected VOCs with Detections in Subsurface Vapor to Site-Specific Background Indoor and Outdoor Air Concentrations

*Former Kast Property*
*Carson, California*

| Sample Group | Analyte | Number of Values | Detection Frequency % | Minimum | 5th | 25th | Median | 75th | 95th | 98th | 99th | Maximum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IA (SS=Detect) | Carbon Tetrachloride | 11 | 100 | 0.37 | *ns* | 0.44 | 0.46 | 0.50 | *ns* | *ns* | *ns* | 0.62 |
| IA (SS=ND) | Carbon Tetrachloride | 474 | 100 | 0.34 | 0.41 | 0.45 | 0.47 | 0.51 | 0.58 | 0.64 | 0.66 | 0.91 |
| OA (All) | Carbon Tetrachloride | 485 | 100 | 0.34 | 0.39 | 0.43 | 0.47 | 0.49 | 0.55 | 0.60 | 0.62 | 0.68 |
| IA (SS=Detect) | Chloromethane | 8 | 100 | 0.41 | *ns* | 0.56 | 0.64 | 0.74 | *ns* | *ns* | *ns* | 0.88 |
| IA (SS=ND) | Chloromethane | 478 | 99 | 0.25 | 0.43 | 0.59 | 0.72 | 0.88 | 1.1 | 1.2 | 1.2 | 1.5 |
| OA (All) | Chloromethane | 486 | 99 | 0.28 | 0.39 | 0.51 | 0.63 | 0.74 | 0.93 | 0.97 | 1.1 | 1.1 |
| IA (SS=Detect) | Cyclohexane | 21 | 62 | 0.47 | *ns* | 0.54 | 0.79 | 1.5 | *ns* | *ns* | *ns* | 6.2 |
| IA (SS=ND) | Cyclohexane | 465 | 66 | 0.38 | 0.49 | 0.55 | 0.69 | 1.2 | 2.7 | 4.0 | 4.5 | 8.3 |
| OA (All) | Cyclohexane | 486 | 37 | 0.34 | 0.45 | 0.51 | 0.55 | 0.73 | 1.8 | 2.3 | 2.7 | 4.6 |
| IA (SS=Detect) | Ethylbenzene | 24 | 100 | 0.35 | 0.37 | 0.60 | 0.88 | 1.7 | 3.3 | *ns* | *ns* | 3.9 |
| IA (SS=ND) | Ethylbenzene | 462 | 100 | 0.22 | 0.35 | 0.63 | 0.97 | 1.6 | 3.0 | 4.7 | 5.9 | 13 |
| OA (All) | Ethylbenzene | 486 | 100 | 0.08 | 0.14 | 0.21 | 0.33 | 0.69 | 1.6 | 2.0 | 2.2 | 3.2 |
| IA (SS=Detect) | Heptane | 49 | 100 | 0.27 | 0.31 | 0.55 | 0.78 | 1.4 | 2.5 | 2.7 | *ns* | 3.2 |
| IA (SS=ND) | Heptane | 436 | 97 | 0.27 | 0.33 | 0.57 | 0.94 | 1.7 | 3.5 | 4.7 | 6.7 | 23 |
| OA (All) | Heptane | 485 | 65 | 0.22 | 0.25 | 0.31 | 0.37 | 0.85 | 1.9 | 2.3 | 2.7 | 4.3 |
| IA (SS=Detect) | Hexane | 73 | 100 | 0.36 | 0.5 | 0.82 | 1.3 | 2.1 | 4.2 | 5.0 | *ns* | 7.5 |
| IA (SS=ND) | Hexane | 413 | 99 | 0.27 | 0.38 | 0.69 | 1.2 | 2.3 | 5.1 | 8.0 | 9.2 | 12 |
| OA (All) | Hexane | 486 | 92 | 0.26 | 0.29 | 0.42 | 0.70 | 1.6 | 3.5 | 4.1 | 4.7 | 10 |
| IA (SS=Detect) | Methylene Chloride | 26 | 100 | 0.33 | 0.35 | 0.45 | 0.84 | 1.7 | 5.9 | *ns* | *ns* | 6.7 |
| IA (SS=ND) | Methylene Chloride | 460 | 100 | 0.22 | 0.32 | 0.42 | 0.61 | 1.1 | 3.2 | 7.0 | 20 | 67 |
| OA (All) | Methylene Chloride | 486 | 100 | 0.21 | 0.26 | 0.32 | 0.40 | 0.74 | 1.4 | 2.3 | 3.6 | 1000 |
| IA (SS=Detect) | Naphthalene | 398 | 100 | 0.08 | 0.17 | 0.28 | 0.40 | 0.57 | 1.2 | 2.1 | 3.8 | 42 |
| IA (SS=ND) | Naphthalene | 88 | 99 | 0.04 | 0.18 | 0.29 | 0.42 | 0.58 | 0.95 | 1.5 | 2.5 | 4.4 |
| OA (All) | Naphthalene | 486 | 100 | 0.05 | 0.08 | 0.13 | 0.20 | 0.3 | 0.54 | 0.79 | 1.3 | 5.8 |

Table D-5
Comparison of Indoor Air Concentrations of Selected VOCs with Detections in Subsurface Vapor to Site-Specific Background Indoor and Outdoor Air Concentrations

*Former Kast Property*
*Carson, California*

| Sample Group | Analyte | Number of Values | Detection Frequency % | Minimum | 5th | 25th | Median | 75th | 95th | 98th | 99th | Maximum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IA (SS=Detect) | o-Xylene | 31 | 100 | 0.28 | 0.36 | 0.56 | 0.78 | 1.5 | 2.5 | *ns* | *ns* | 2.8 |
| IA (SS=ND) | o-Xylene | 455 | 98 | 0.23 | 0.36 | 0.66 | 1.0 | 1.7 | 3.7 | 4.8 | 8.2 | 13 |
| OA (All) | o-Xylene | 486 | 74 | 0.18 | 0.26 | 0.30 | 0.42 | 0.89 | 1.9 | 2.4 | 2.7 | 3.8 |
| IA (SS=Detect) | p/m-Xylene | 43 | 100 | 0.80 | 0.96 | 1.7 | 2.3 | 5.2 | 11 | *ns* | *ns* | 19 |
| IA (SS=ND) | p/m-Xylene | 443 | 100 | 0.55 | 0.82 | 1.6 | 2.4 | 4.2 | 9.4 | 15 | 23 | 48 |
| OA (All) | p/m-Xylene | 486 | 89 | 0.44 | 0.54 | 0.68 | 1.1 | 2.4 | 5.4 | 7.2 | 8 | 10 |
| IA (SS=Detect) | Propylbenzene | 26 | 31 | 0.25 | *ns* | 0.32 | 0.34 | 0.41 | *ns* | *ns* | *ns* | 1.0 |
| IA (SS=ND) | Propylbenzene | 460 | 27 | 0.17 | 0.25 | 0.30 | 0.32 | 0.34 | 0.67 | 1.1 | 1.7 | 4.0 |
| OA (All) | Propylbenzene | 486 | 9 | 0.16 | 0.23 | 0.28 | 0.30 | 0.31 | 0.36 | 0.42 | 0.44 | 0.74 |
| IA (SS=Detect) | Styrene | 25 | 100 | 0.30 | 0.32 | 0.47 | 0.91 | 1.1 | 1.6 | *ns* | *ns* | 2.0 |
| IA (SS=ND) | Styrene | 461 | 97 | 0.25 | 0.33 | 0.57 | 0.84 | 1.2 | 2.2 | 3.5 | 4 | 31 |
| OA (All) | Styrene | 486 | 29 | 0.17 | 0.23 | 0.27 | 0.28 | 0.34 | 0.71 | 0.9 | 1.0 | 3.6 |
| IA (SS=Detect) | Tetrachloroethene | 100 | 100 | 0.04 | 0.06 | 0.13 | 0.38 | 0.76 | 4.1 | 8.4 | 14 | 14 |
| IA (SS=ND) | Tetrachloroethene | 386 | 100 | 0.03 | 0.06 | 0.12 | 0.23 | 0.47 | 2.5 | 6.2 | 6.8 | 45 |
| OA (All) | Tetrachloroethene | 486 | 100 | 0.02 | 0.04 | 0.06 | 0.10 | 0.20 | 0.43 | 0.53 | 0.71 | 2.0 |
| IA (SS=Detect) | Tetrahydrofuran | 32 | 34 | 0.33 | *ns* | 0.38 | 0.50 | 0.57 | *ns* | *ns* | *ns* | 4.2 |
| IA (SS=ND) | Tetrahydrofuran | 454 | 29 | 0.27 | 0.35 | 0.38 | 0.45 | 0.54 | 1.63 | 4.5 | 9.1 | 22 |
| OA (All) | Tetrahydrofuran | 486 | 13 | 0.26 | 0.33 | 0.37 | 0.39 | 0.47 | 0.63 | 0.87 | *ns* | 1.5 |
| IA (SS=Detect) | Toluene | 129 | 100 | 1.4 | 2.5 | 4.1 | 6.0 | 9.7 | 18 | 25 | 33 | 49 |
| IA (SS=ND) | Toluene | 357 | 100 | 1.2 | 2.6 | 4.5 | 6.7 | 11 | 21 | 26 | 30 | 91 |
| OA (All) | Toluene | 486 | 100 | 0.49 | 0.74 | 1.2 | 1.9 | 4.2 | 8.8 | 11 | 14 | 22 |
| IA (SS=Detect) | trans-1,2-Dichloroethene | 28 | 7 | 0.17 | *ns* | *ns* | 0.33 | *ns* | *ns* | *ns* | *ns* | 0.85 |
| IA (SS=ND) | trans-1,2-Dichloroethene | 458 | 0.2 | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | 0.93 |
| OA (All) | trans-1,2-Dichloroethene | 486 | 0.2 | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | *ns* | 0.48 |

Table D-5

Comparison of Indoor Air Concentrations of Selected VOCs with Detections in Subsurface Vapor to Site-Specific Background Indoor and Outdoor Air Concentrations

*Former Kast Property*
*Carson, California*

| Sample Group | Analyte | Number of Values | Detection Frequency % | Minimum | 5th | 25th | Median | 75th | 95th | 98th | 99th | Maximum |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IA (SS=Detect) | Trichloroethene | 39 | 18 | 0.18 | *ns* | 0.26 | 0.28 | 0.30 | *ns* | *ns* | *ns* | 3.1 |
| IA (SS=ND) | Trichloroethene | 446 | 10 | 0.15 | 0.23 | 0.26 | 0.27 | 0.28 | 0.44 | 0.85 | *ns* | 10 |
| OA (All) | Trichloroethene | 485 | 4 | 0.15 | 0.22 | 0.25 | 0.26 | 0.27 | 0.32 | *ns* | *ns* | 1.4 |

***Notes:***
% - percent
*ns* – not sufficient number of samples to calculate statistic.
All concentrations are reported in $\mu g/m^3$. The full reporting limit was substituted for non-detects.
Concentrations are the maximum of the indoor and outdoor air concentrations measured in each group during each sampling event at each residence.

# FIGURES



engineers | scientists | innovators

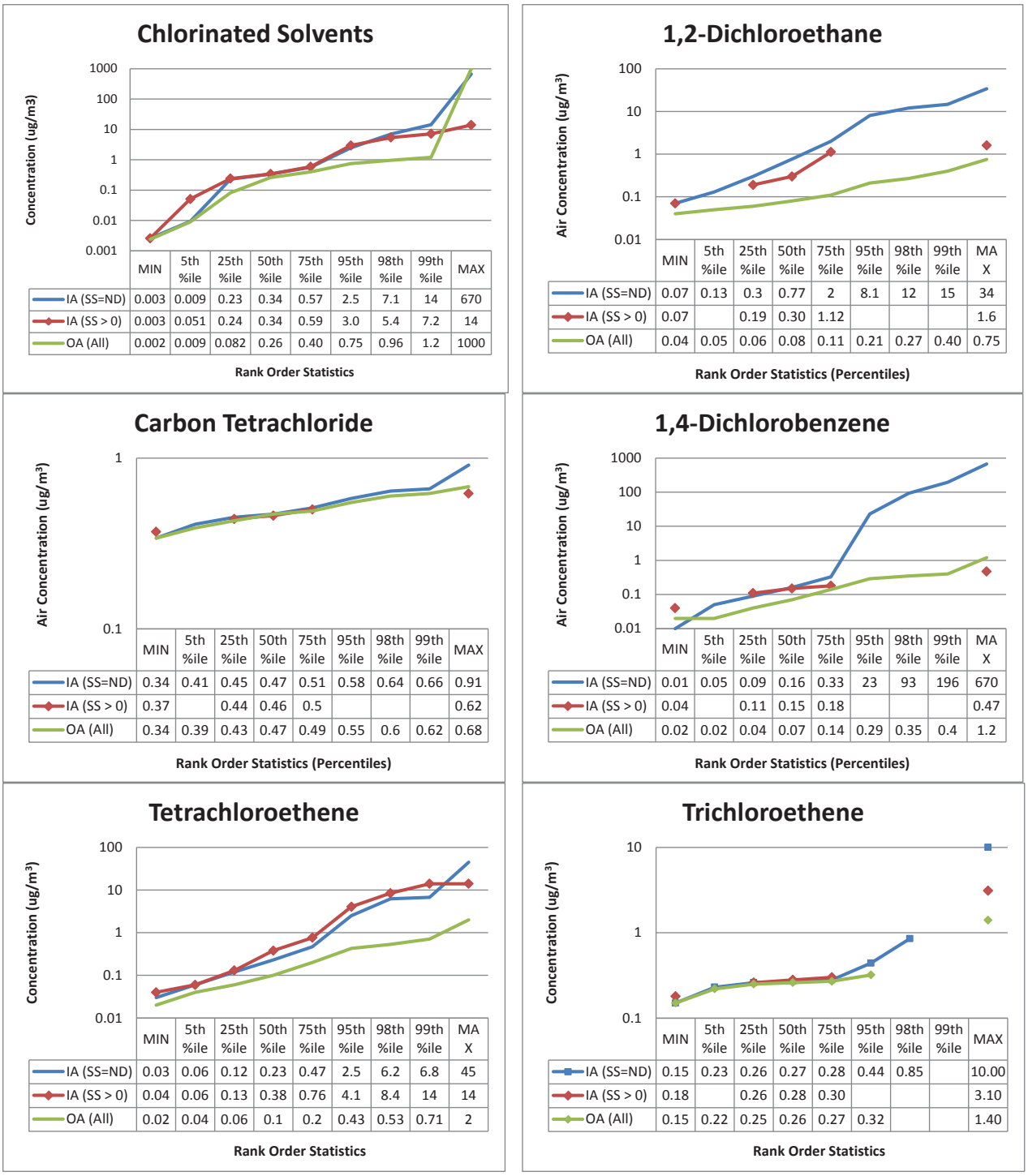
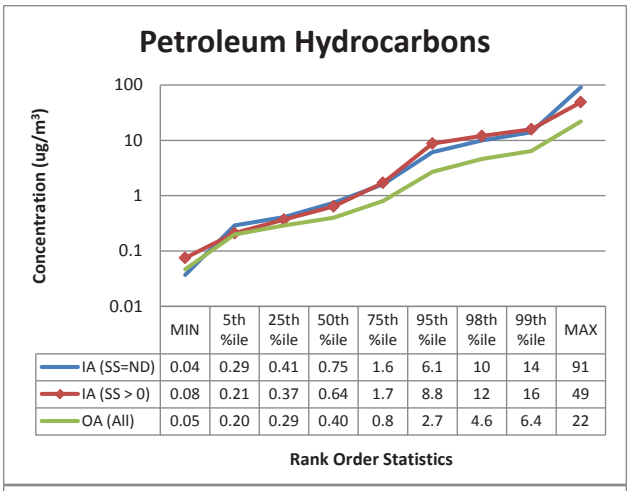
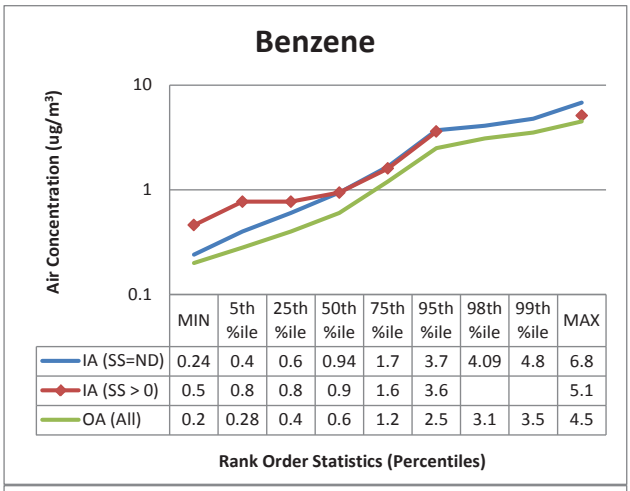


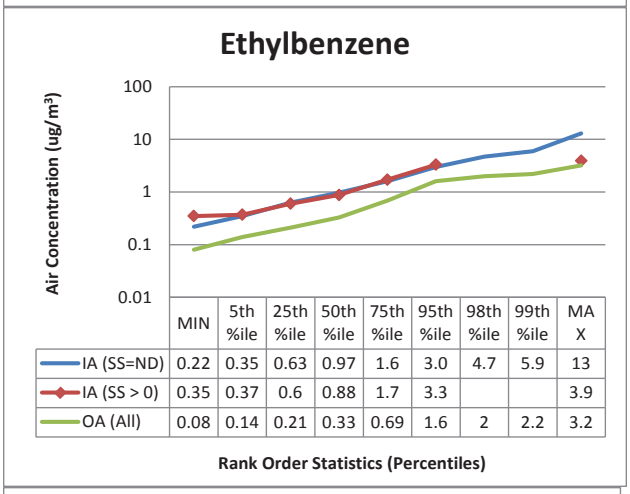

Figure D-1. Comparison of Indoor Air Concentrations of Selected Chlorinated Solvents with Detections in Subsurface Vapor (IA (SS=Detect)) to Site-Specific Background Indoor Air (IA (SS=ND)) and Outdoor Air (OA (All)) Concentrations.



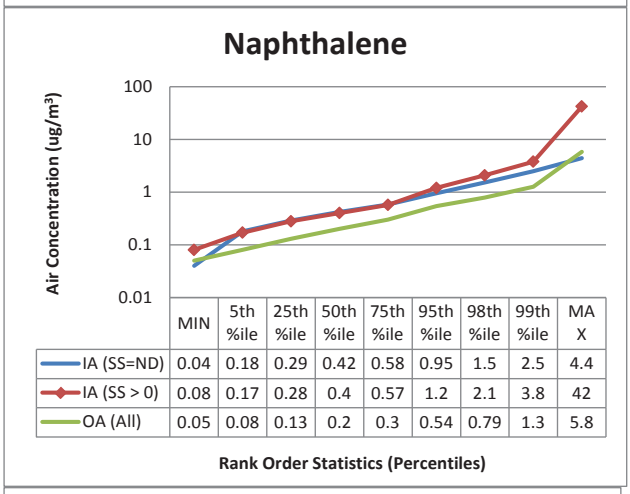

| | MIN | 5th %ile | 25th %ile | 50th %ile | 75th %ile | 95th %ile | 98th %ile | 99th %ile | MAX |
|---|---|---|---|---|---|---|---|---|---|
| IA (SS=ND) | 0.04 | 0.29 | 0.41 | 0.75 | 1.6 | 6.1 | 10 | 14 | 91 |
| IA (SS > 0) | 0.08 | 0.21 | 0.37 | 0.64 | 1.7 | 8.8 | 12 | 16 | 49 |
| OA (All) | 0.05 | 0.20 | 0.29 | 0.40 | 0.8 | 2.7 | 4.6 | 6.4 | 22 |



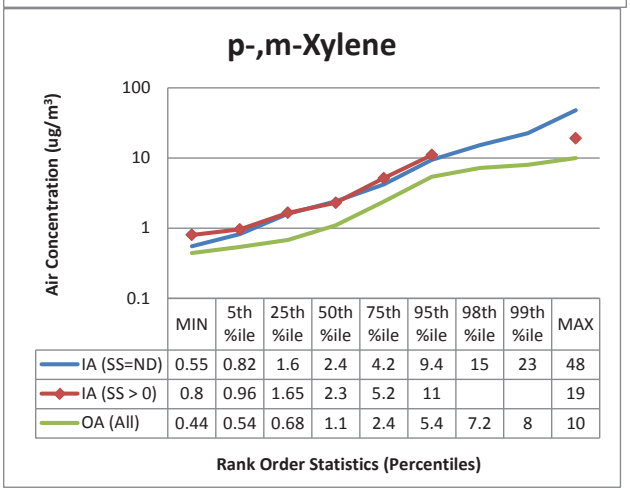

| | MIN | 5th %ile | 25th %ile | 50th %ile | 75th %ile | 95th %ile | 98th %ile | 99th %ile | MAX |
|---|---|---|---|---|---|---|---|---|---|
| IA (SS=ND) | 0.24 | 0.4 | 0.6 | 0.94 | 1.7 | 3.7 | 4.09 | 4.8 | 6.8 |
| IA (SS > 0) | 0.5 | 0.8 | 0.8 | 0.9 | 1.6 | 3.6 | | | 5.1 |
| OA (All) | 0.2 | 0.28 | 0.4 | 0.6 | 1.2 | 2.5 | 3.1 | 3.5 | 4.5 |



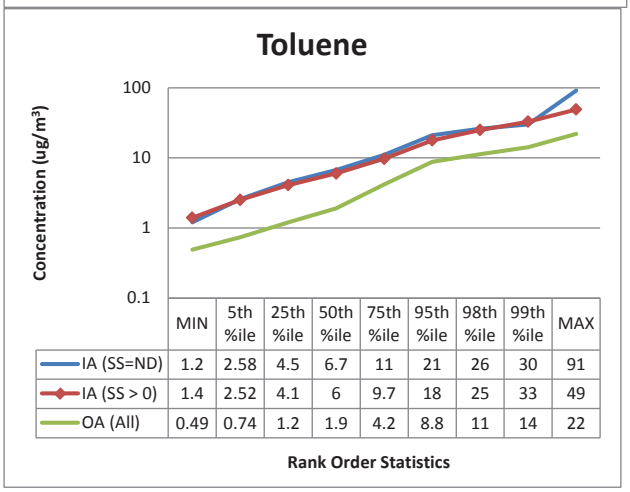

| | MIN | 5th %ile | 25th %ile | 50th %ile | 75th %ile | 95th %ile | 98th %ile | 99th %ile | MAX |
|---|---|---|---|---|---|---|---|---|---|
| IA (SS=ND) | 0.22 | 0.35 | 0.63 | 0.97 | 1.6 | 3.0 | 4.7 | 5.9 | 13 |
| IA (SS > 0) | 0.35 | 0.37 | 0.6 | 0.88 | 1.7 | 3.3 | | | 3.9 |
| OA (All) | 0.08 | 0.14 | 0.21 | 0.33 | 0.69 | 1.6 | 2 | 2.2 | 3.2 |




| | MIN | 5th %ile | 25th %ile | 50th %ile | 75th %ile | 95th %ile | 98th %ile | 99th %ile | MAX |
|---|---|---|---|---|---|---|---|---|---|
| IA (SS=ND) | 0.04 | 0.18 | 0.29 | 0.42 | 0.58 | 0.95 | 1.5 | 2.5 | 4.4 |
| IA (SS > 0) | 0.08 | 0.17 | 0.28 | 0.4 | 0.57 | 1.2 | 2.1 | 3.8 | 42 |
| OA (All) | 0.05 | 0.08 | 0.13 | 0.2 | 0.3 | 0.54 | 0.79 | 1.3 | 5.8 |




| | MIN | 5th %ile | 25th %ile | 50th %ile | 75th %ile | 95th %ile | 98th %ile | 99th %ile | MAX |
|---|---|---|---|---|---|---|---|---|---|
| IA (SS=ND) | 0.55 | 0.82 | 1.6 | 2.4 | 4.2 | 9.4 | 15 | 23 | 48 |
| IA (SS > 0) | 0.8 | 0.96 | 1.65 | 2.3 | 5.2 | 11 | | | 19 |
| OA (All) | 0.44 | 0.54 | 0.68 | 1.1 | 2.4 | 5.4 | 7.2 | 8 | 10 |




| | MIN | 5th %ile | 25th %ile | 50th %ile | 75th %ile | 95th %ile | 98th %ile | 99th %ile | MAX |
|---|---|---|---|---|---|---|---|---|---|
| IA (SS=ND) | 1.2 | 2.58 | 4.5 | 6.7 | 11 | 21 | 26 | 30 | 91 |
| IA (SS > 0) | 1.4 | 2.52 | 4.1 | 6 | 9.7 | 18 | 25 | 33 | 49 |
| OA (All) | 0.49 | 0.74 | 1.2 | 1.9 | 4.2 | 8.8 | 11 | 14 | 22 |

Figure D-2. Comparison of Indoor Air Concentrations of Selected Petroleum Hydrocarbons with Detections in Subsurface Vapor (IA (SS=Detect)) to Site-Specific Background Indoor Air (IA (SS=ND)) and Outdoor Air (OA (All)) Concentrations.

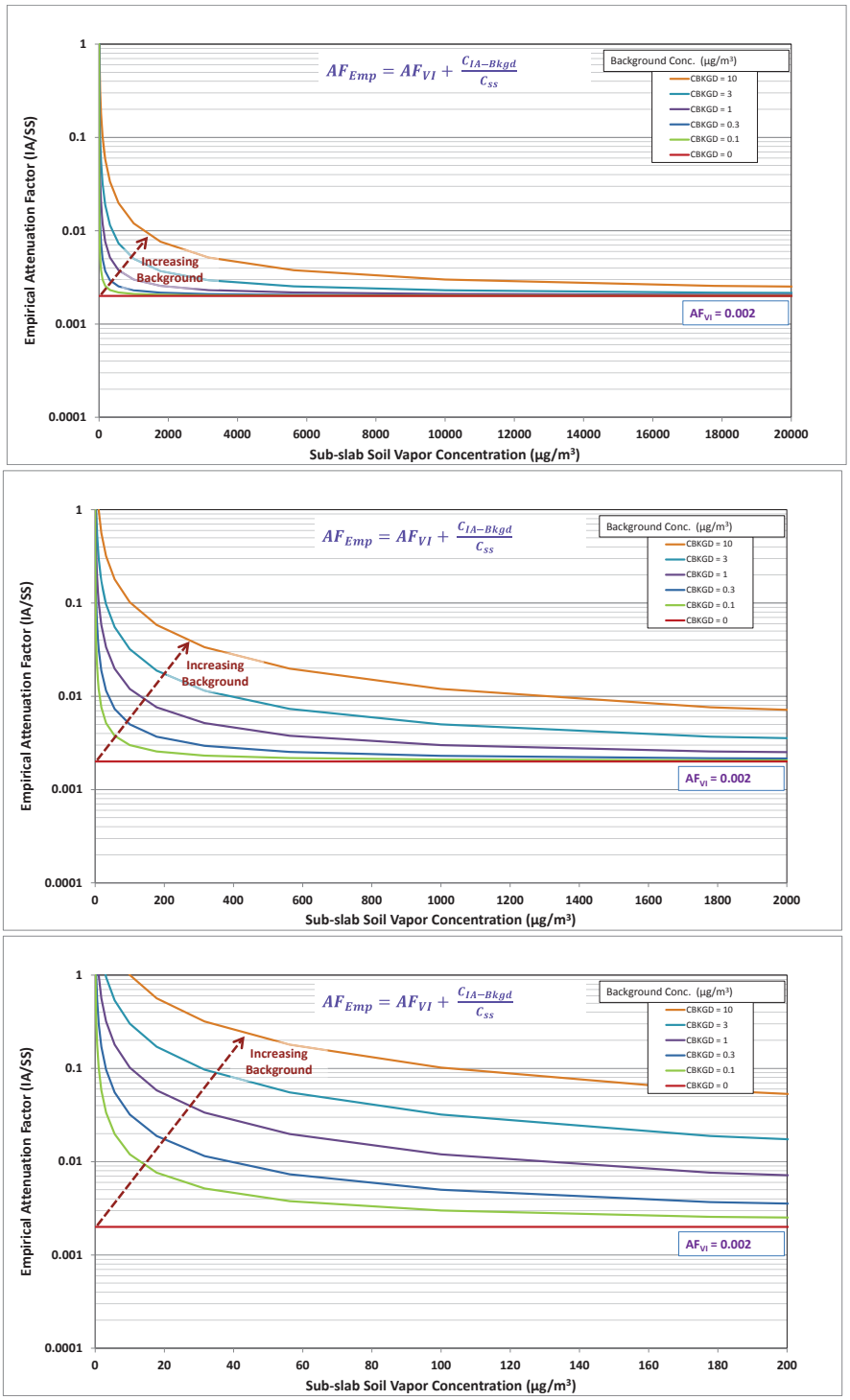



Figure D-3. Effect of Background on Empirical Attenuation Factor.

(Note: Example calculations assuming $AF_{VI}$ = 0.002 and varying background concentration. Different sub-slab soil vapor concentration ranges are plotted to show effect of background at lower sub-slab soil vapor concentrations.)

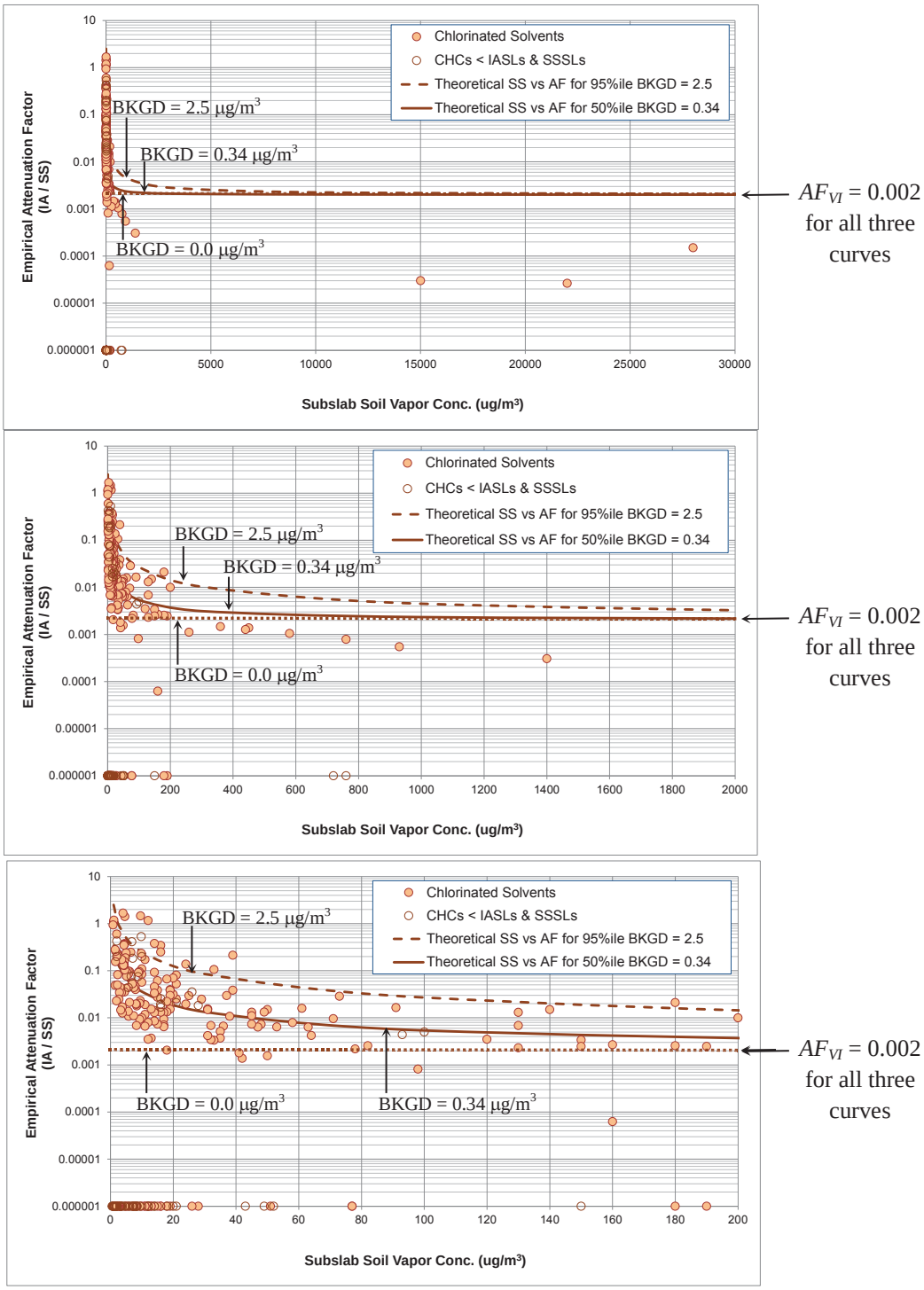



Figure D-4. Empirical and theoretical attenuation factors (IA/SS) as a function of sub-slab soil vapor concentration for **chlorinated solvents**.

(Note: The curves represent the theoretical relationship between empirical attenuation factor and sub-slab soil vapor concentration for a fixed vapor intrusion attenuation factor of 0.002 and background concentrations corresponding to the median and 95$^{th}$ percentile values of site-specific indoor air concentrations where chlorinated solvents were not detected in sub-slab soil vapor.)

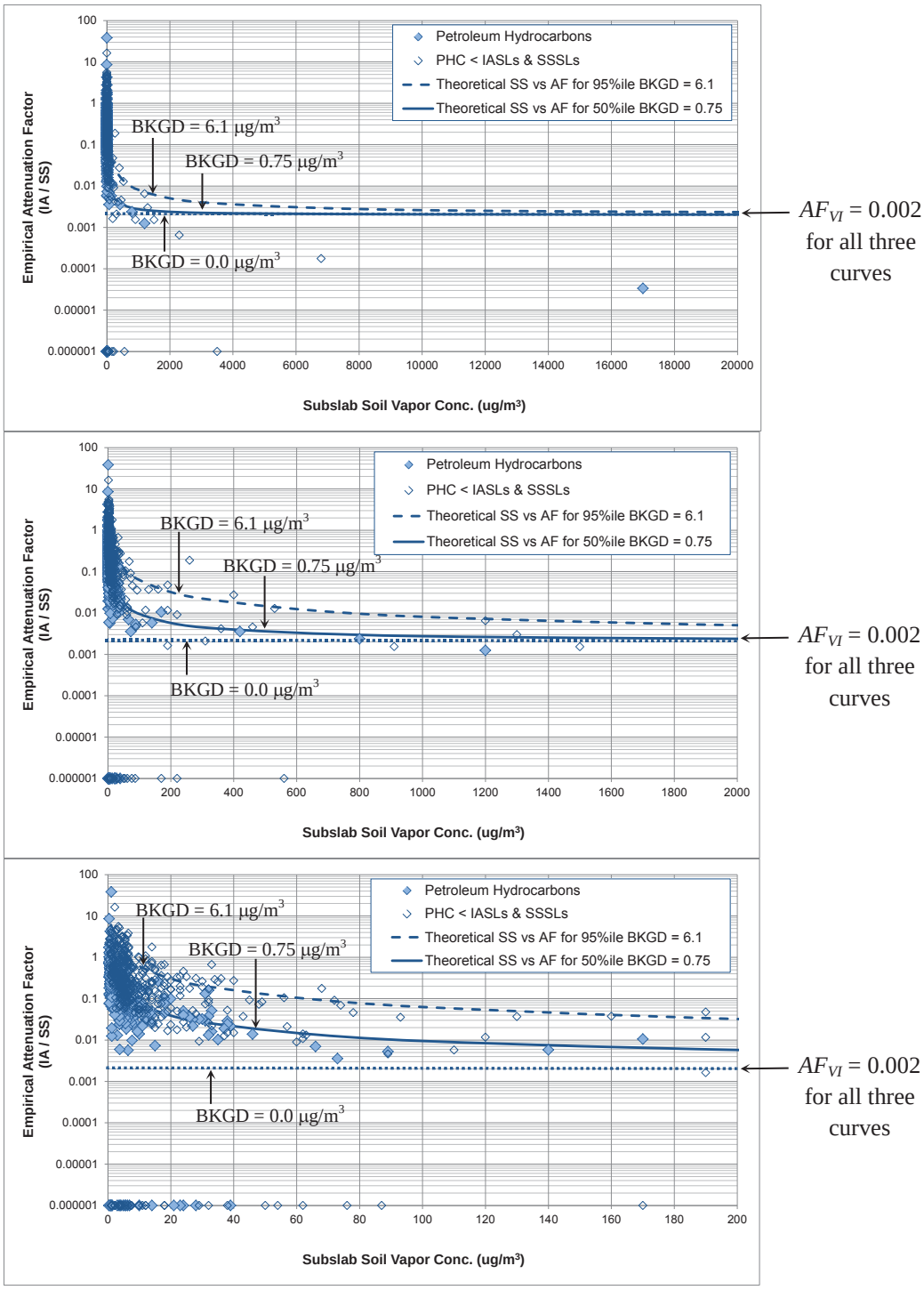



Figure D-5. Empirical and theoretical attenuation factors (IA/SS) as a function of sub-slab soil vapor concentration for **petroleum hydrocarbons**.

(Note: The curves represent the theoretical relationship between empirical attenuation factor and sub-slab soil vapor concentration for a fixed vapor intrusion attenuation factor of 0.002 and background concentrations corresponding to the median and 95$^{th}$ percentile values of site-specific indoor air concentrations where petroleum hydrocarbons were not detected in sub-slab soil vapor.)

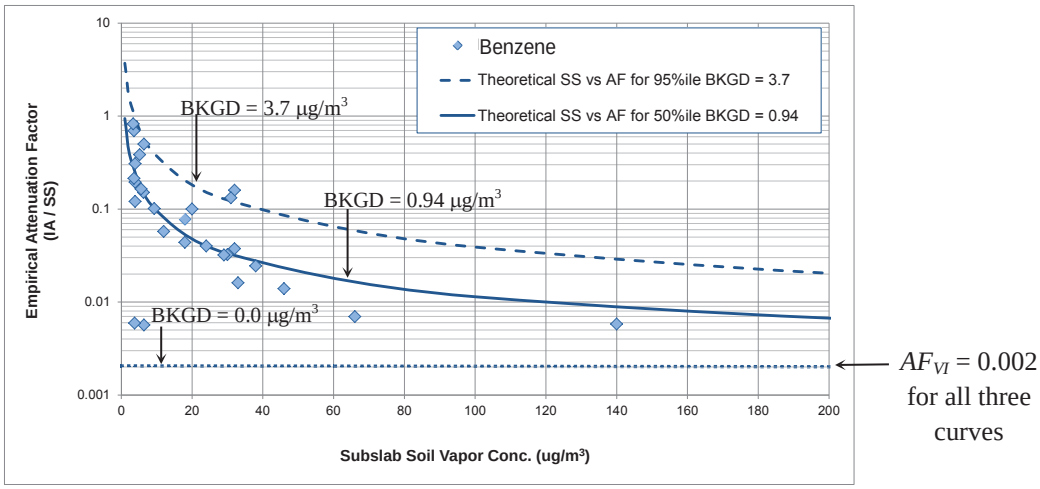



Figure D-6. Empirical and theoretical attenuation factors (IA/SS) as a function of sub-slab soil vapor concentration for **Benzene**.

(Note: The curves represent the theoretical relationship between empirical attenuation factor and sub-slab soil vapor concentration for a fixed vapor intrusion attenuation factor of 0.002 and background concentrations corresponding to the median and 95th percentile values of site-specific indoor air concentrations where Benzene was not detected in sub-slab soil vapor.)

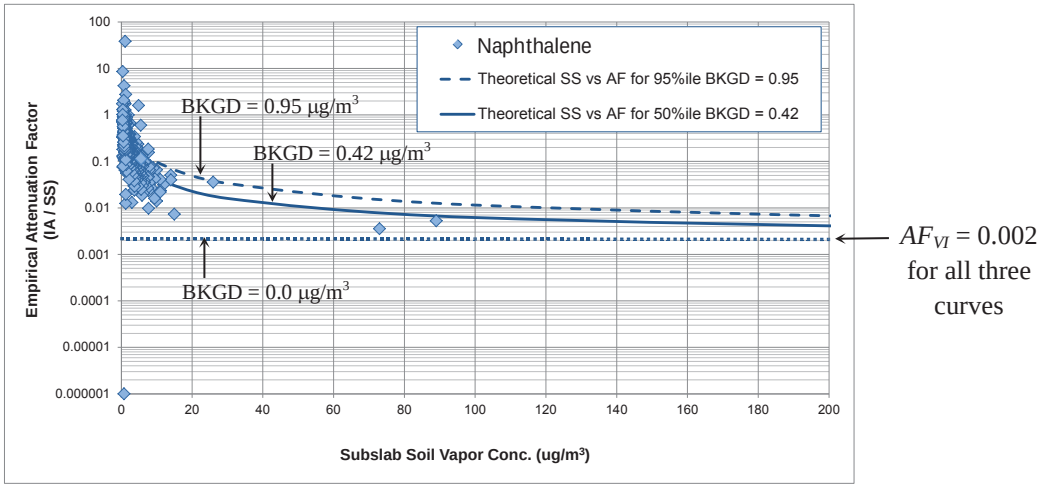



Figure D-7. Empirical and theoretical attenuation factors (IA/SS) as a function of sub-slab soil vapor concentration for **Naphthalene**.

(Note: The curves represent the theoretical relationship between empirical attenuation factor and sub-slab soil vapor concentration for a fixed vapor intrusion attenuation factor of 0.002 and background concentrations corresponding to the median and 95th percentile values of site-specific indoor air concentrations where Naphthalene was not detected in sub-slab soil vapor.)

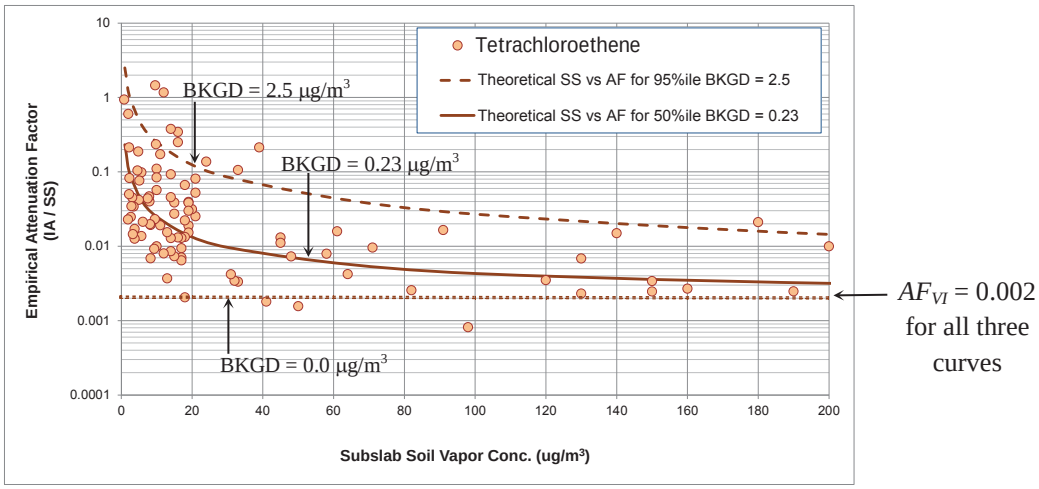



Figure D-8. Empirical and theoretical attenuation factors (IA/SS) as a function of sub-slab soil vapor concentration for **Tetrachloroethene**.

(Note: The curves represent the theoretical relationship between empirical attenuation factor and sub-slab soil vapor concentration for a fixed vapor intrusion attenuation factor of 0.002 and background concentrations corresponding to the median and 95$^{th}$ percentile values of site-specific indoor air concentrations where tetrachloroethylene was not detected in sub-slab soil vapor.)

# APPENDIX E

# DETAILED RISK CALCULATIONS

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24401 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.21 | Max | 6.2E+05 | 4.7E+02 | 3E-07 | 5E-10 |
| 24401 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.12 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24401 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.019 | Max | 4.0E+03 | 1.6E+01 | 5E-06 | 1E-09 |
| 24401 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0179 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24401 MARBELLA AVE | Benzene | µg/kg | 0.33 | Max | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24401 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.6 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 5E-08 |
| 24401 MARBELLA AVE | Cobalt | mg/kg | 11.09 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24401 MARBELLA AVE | Ethylbenzene | µg/kg | 0.44 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24401 MARBELLA AVE | Methylene Chloride | µg/kg | 5.6 | Max | 3.6E+05 | 5.3E+03 | 2E-05 | 1E-09 |
| 24401 MARBELLA AVE | Naphthalene | mg/kg | 0.0114 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24401 MARBELLA AVE | Pyrene | mg/kg | 0.026 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24401 MARBELLA AVE | Toluene | µg/kg | 1.1 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24401 MARBELLA AVE | TPH as Diesel | mg/kg | 81.5 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 24401 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.071 | Max | 7.6E+02 | -- | 9E-05 | -- |
| 24401 MARBELLA AVE | TPH as Motor Oil | mg/kg | 273.4 | 95UCL | 3.3E+03 | -- | 8E-02 | -- |
| 24401 MARBELLA AVE | Vanadium | mg/kg | 39.67 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24402 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00885 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24402 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0126 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 24402 NEPTUNE AVE | Benzene | µg/kg | 0.233 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24402 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.36 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24402 NEPTUNE AVE | Cobalt | mg/kg | 10.19 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24402 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.186 | 95UCL | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24402 NEPTUNE AVE | Naphthalene | mg/kg | 0.0028 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 7E-10 |
| 24402 NEPTUNE AVE | Pyrene | mg/kg | 0.151 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24402 NEPTUNE AVE | Toluene | µg/kg | 0.248 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24402 NEPTUNE AVE | TPH as Diesel | mg/kg | 442.9 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24402 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.196 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24402 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 886.3 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24402 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.342 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 24402 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.397 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24402 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.11 | Max | 4.0E+03 | 1.6E+01 | 3E-05 | 7E-09 |
| 24402 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0498 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24402 PANAMA AVE | Benzene | µg/kg | 0.233 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24402 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.66 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24402 PANAMA AVE | Bromomethane | µg/kg | 1.9 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24402 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24402 PANAMA AVE | Cobalt | mg/kg | 10.45 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24402 PANAMA AVE | Ethylbenzene | µg/kg | 0.18 | 95UCL | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24402 PANAMA AVE | Naphthalene | mg/kg | 0.0102 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24402 PANAMA AVE | Pyrene | mg/kg | 0.211 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24402 PANAMA AVE | Toluene | µg/kg | 0.577 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24402 PANAMA AVE | TPH as Diesel | mg/kg | 371 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24402 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0789 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24402 PANAMA AVE | TPH as Motor Oil | mg/kg | 1059 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24402 PANAMA AVE | Vanadium | mg/kg | 33.62 | 95UCL | 3.9E+02 | -- | 9E-02 | -- |
| 24402 PANAMA AVE | Xylenes, Total | µg/kg | 0.403 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 24402 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1977 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 24402 RAVENNA AVE | 1,2-Dichloropropane | µg/kg | 0.65 | Max | 1.5E+04 | 8.3E+02 | 4E-05 | 8E-10 |
| 24402 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 4100 | Max | 8.5E+04 | -- | 5E-02 | -- |
| 24402 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 4.294 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24402 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 10.06 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24402 RAVENNA AVE | Benzene | µg/kg | 327.6 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-03 | **2E-06** |
| 24402 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.38 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24402 RAVENNA AVE | Bromomethane | µg/kg | 1.1 | Max | 8.8E+03 | -- | 1E-04 | -- |
| 24402 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.185 | 95UCL | 2.3E+02 | 1.3E+00 | 8E-04 | 1E-07 |
| 24402 RAVENNA AVE | Cobalt | mg/kg | 10.15 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24402 RAVENNA AVE | Ethylbenzene | µg/kg | 687.8 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24402 RAVENNA AVE | Naphthalene | mg/kg | 4.235 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24402 RAVENNA AVE | Pyrene | mg/kg | 0.895 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24402 RAVENNA AVE | Toluene | µg/kg | 247 | 95UCL | 4.8E+06 | -- | 5E-05 | -- |
| 24402 RAVENNA AVE | TPH as Diesel | mg/kg | 3554 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24402 RAVENNA AVE | TPH as Gasoline | mg/kg | 225.9 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24402 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3694 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24402 RAVENNA AVE | Xylenes, Total | µg/kg | 20000 | Max | 5.6E+05 | -- | 4E-02 | -- |
| 24403 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.237 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24403 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.387 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 9E-08 |
| 24403 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.969 | 95UCL | 2.3E+02 | -- | 9E-03 | -- |
| 24403 NEPTUNE AVE | Benzene | µg/kg | 0.263 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24403 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.38 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24403 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24403 NEPTUNE AVE | Cobalt | mg/kg | 10.57 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24403 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.23 | Max | 3.3E+06 | 4.8E+03 | 7E-08 | 5E-11 |
| 24403 NEPTUNE AVE | Naphthalene | mg/kg | 0.808 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-03 | 2E-07 |
| 24403 NEPTUNE AVE | Pyrene | mg/kg | 0.799 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24403 NEPTUNE AVE | Toluene | µg/kg | 0.235 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24403 NEPTUNE AVE | TPH as Diesel | mg/kg | 3380 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24403 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.1 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24403 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3708 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24403 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.37 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24403 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.241 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24403 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00494 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24403 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0131 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 24403 RAVENNA AVE | Benzene | µg/kg | 0.178 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24403 RAVENNA AVE | Bromomethane | µg/kg | 1.5 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24403 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.317 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24403 RAVENNA AVE | Cobalt | mg/kg | 10.82 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24403 RAVENNA AVE | Naphthalene | mg/kg | 0.0487 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24403 RAVENNA AVE | Pyrene | mg/kg | 0.0288 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24403 RAVENNA AVE | Toluene | µg/kg | 0.328 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24403 RAVENNA AVE | TPH as Diesel | mg/kg | 171.5 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24403 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.1 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24403 RAVENNA AVE | TPH as Motor Oil | mg/kg | 525 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24403 RAVENNA AVE | Xylenes, Total | µg/kg | 0.23 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24405 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.43 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24405 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0017 | Max | 4.0E+03 | 1.6E+01 | 4E-07 | 1E-10 |
| 24405 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00569 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 24405 MARBELLA AVE | Benzene | µg/kg | 0.574 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-06 | 3E-09 |
| 24405 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24405 MARBELLA AVE | Cobalt | mg/kg | 11.06 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24405 MARBELLA AVE | Ethylbenzene | µg/kg | 0.38 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 8E-11 |
| 24405 MARBELLA AVE | Naphthalene | mg/kg | 0.0159 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24405 MARBELLA AVE | Pyrene | mg/kg | 0.0208 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24405 MARBELLA AVE | Toluene | µg/kg | 1.982 | 95UCL | 4.8E+06 | -- | 4E-07 | -- |
| 24405 MARBELLA AVE | TPH as Diesel | mg/kg | 340.4 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24405 MARBELLA AVE | TPH as Motor Oil | mg/kg | 943.6 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24405 MARBELLA AVE | Xylenes, Total | µg/kg | 2.4 | Max | 5.6E+05 | -- | 4E-06 | -- |
| 24406 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.13 | Max | 6.2E+05 | 4.7E+02 | 2E-07 | 3E-10 |
| 24406 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.87 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24406 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.2 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24406 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.22 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 8E-11 |
| 24406 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0057 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 24406 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00807 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24406 MARBELLA AVE | Benzene | µg/kg | 0.279 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24406 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.98 | Max | 1.2E+03 | 3.5E+01 | 8E-04 | 3E-08 |
| 24406 MARBELLA AVE | Cobalt | mg/kg | 11.51 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24406 MARBELLA AVE | Naphthalene | mg/kg | 0.00576 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |

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**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24406 MARBELLA AVE | Pyrene | mg/kg | 0.0754 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24406 MARBELLA AVE | Toluene | µg/kg | 0.421 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24406 MARBELLA AVE | TPH as Diesel | mg/kg | 2884 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24406 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.091 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24406 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3249 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24406 MARBELLA AVE | Trichloroethene | µg/kg | 0.16 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 1E-10 |
| 24406 MARBELLA AVE | Xylenes, Total | µg/kg | 0.334 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 24406 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00733 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24406 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0144 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 24406 NEPTUNE AVE | Benzene | µg/kg | 0.181 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24406 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 3.3 | Max | 1.2E+03 | 3.5E+01 | 3E-03 | 1E-07 |
| 24406 NEPTUNE AVE | Cobalt | mg/kg | 9.078 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24406 NEPTUNE AVE | Naphthalene | mg/kg | 0.0139 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 4E-09 |
| 24406 NEPTUNE AVE | Pyrene | mg/kg | 0.182 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24406 NEPTUNE AVE | TPH as Diesel | mg/kg | 299.2 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24406 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.077 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24406 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 729.5 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24406 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0502 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24406 PANAMA AVE | Benzene | µg/kg | 0.237 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24406 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24406 PANAMA AVE | Cobalt | mg/kg | 10.75 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24406 PANAMA AVE | Naphthalene | mg/kg | 0.069 | Max | 1.5E+02 | 4.0E+00 | 5E-04 | 2E-08 |
| 24406 PANAMA AVE | Pyrene | mg/kg | 0.318 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24406 PANAMA AVE | Toluene | µg/kg | 0.274 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24406 PANAMA AVE | TPH as Diesel | mg/kg | 633.7 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24406 PANAMA AVE | TPH as Motor Oil | mg/kg | 2342 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24406 PANAMA AVE | Xylenes, Total | µg/kg | 0.2 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24406 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0035 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-07 | 2E-10 |
| 24406 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0106 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24406 RAVENNA AVE | Benzene | µg/kg | 0.18 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24406 RAVENNA AVE | Bromomethane | µg/kg | 1.3 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24406 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24406 RAVENNA AVE | Naphthalene | mg/kg | 0.00464 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24406 RAVENNA AVE | Pyrene | mg/kg | 0.0612 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24406 RAVENNA AVE | Toluene | µg/kg | 0.2 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 24406 RAVENNA AVE | TPH as Diesel | mg/kg | 704.3 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24406 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.093 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24406 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1987 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24409 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.33 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24409 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24409 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24409 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00838 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24409 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0176 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24409 NEPTUNE AVE | Benzene | µg/kg | 0.245 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24409 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.43 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24409 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.15 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24409 NEPTUNE AVE | Naphthalene | mg/kg | 0.0397 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24409 NEPTUNE AVE | Pyrene | mg/kg | 0.13 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |
| 24409 NEPTUNE AVE | Toluene | µg/kg | 0.407 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24409 NEPTUNE AVE | TPH as Diesel | mg/kg | 964.6 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24409 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.109 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24409 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2118 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24409 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.64 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24409 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.17 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24409 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0173 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24409 RAVENNA AVE | Benzene | µg/kg | 0.13 | Max | 6.7E+04 | 2.2E+02 | 2E-06 | 6E-10 |
| 24409 RAVENNA AVE | Cobalt | mg/kg | 9.905 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24409 RAVENNA AVE | Naphthalene | mg/kg | 0.18 | Max | 1.5E+02 | 4.0E+00 | 1E-03 | 5E-08 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24409 RAVENNA AVE | Pyrene | mg/kg | 0.0671 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24409 RAVENNA AVE | Toluene | µg/kg | 0.21 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 24409 RAVENNA AVE | TPH as Diesel | mg/kg | 226.8 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24409 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.089 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24409 RAVENNA AVE | TPH as Motor Oil | mg/kg | 950.7 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24409 RAVENNA AVE | Xylenes, Total | µg/kg | 0.22 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24410 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.022 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 1E-09 |
| 24410 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 0.068 | Max | 1.2E+02 | 1.6E+00 | 6E-04 | 4E-08 |
| 24410 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.042 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24410 PANAMA AVE | Benzene | µg/kg | 9.696 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-04 | 4E-08 |
| 24410 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.21 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24410 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24410 PANAMA AVE | Cobalt | mg/kg | 8.806 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24410 PANAMA AVE | Naphthalene | mg/kg | 0.0185 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24410 PANAMA AVE | Pyrene | mg/kg | 0.241 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24410 PANAMA AVE | Tetrachloroethene | µg/kg | 0.23 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 4E-10 |
| 24410 PANAMA AVE | Toluene | µg/kg | 3.8 | Max | 4.8E+06 | -- | 8E-07 | -- |
| 24410 PANAMA AVE | TPH as Diesel | mg/kg | 593.7 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24410 PANAMA AVE | TPH as Gasoline | mg/kg | 0.058 | Max | 7.6E+02 | -- | 8E-05 | -- |
| 24410 PANAMA AVE | TPH as Motor Oil | mg/kg | 1991 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24410 PANAMA AVE | Trichloroethene | µg/kg | 0.2 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24410 PANAMA AVE | Xylenes, Total | µg/kg | 0.61 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24411 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 800 | Max | 8.3E+04 | -- | 1E-02 | -- |
| 24411 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 82 | Max | 8.5E+04 | -- | 1E-03 | -- |
| 24411 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.33 | Max | 3.6E+06 | 2.8E+03 | 9E-08 | 1E-10 |
| 24411 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 38 | Max | 4.0E+03 | 1.6E+01 | 1E-02 | **2E-06** |
| 24411 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 8.134 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24411 MARBELLA AVE | Benzene | µg/kg | 0.224 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24411 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.36 | 95UCL | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24411 MARBELLA AVE | Cobalt | mg/kg | 10.85 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24411 MARBELLA AVE | Ethylbenzene | µg/kg | 76 | Max | 3.3E+06 | 4.8E+03 | 2E-05 | 2E-08 |
| 24411 MARBELLA AVE | Naphthalene | mg/kg | 0.995 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-03 | 3E-07 |
| 24411 MARBELLA AVE | Pyrene | mg/kg | 2.017 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24411 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.299 | 95UCL | 8.6E+04 | 5.5E+02 | 4E-06 | 5E-10 |
| 24411 MARBELLA AVE | Toluene | µg/kg | 19.48 | 95UCL | 4.8E+06 | -- | 4E-06 | -- |
| 24411 MARBELLA AVE | TPH as Diesel | mg/kg | 8198 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24411 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.13 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24411 MARBELLA AVE | TPH as Motor Oil | mg/kg | 13001 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 24411 MARBELLA AVE | Xylenes, Total | µg/kg | 420 | Max | 5.6E+05 | -- | 8E-04 | -- |
| 24411 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.45 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24411 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 7E-11 |
| 24411 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.026 | Max | 4.0E+03 | 1.6E+01 | 7E-06 | 2E-09 |
| 24411 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0289 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24411 PANAMA AVE | Benzene | µg/kg | 0.292 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24411 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.3 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24411 PANAMA AVE | Cobalt | mg/kg | 10.3 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24411 PANAMA AVE | Ethylbenzene | µg/kg | 0.45 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24411 PANAMA AVE | Naphthalene | mg/kg | 0.04 | Max | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24411 PANAMA AVE | Pyrene | mg/kg | 0.249 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24411 PANAMA AVE | Toluene | µg/kg | 0.497 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24411 PANAMA AVE | TPH as Diesel | mg/kg | 252.7 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24411 PANAMA AVE | TPH as Gasoline | mg/kg | 0.181 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24411 PANAMA AVE | TPH as Motor Oil | mg/kg | 1124 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24411 PANAMA AVE | Xylenes, Total | µg/kg | 0.365 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 24412 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.558 | 95UCL | 8.3E+04 | -- | 7E-06 | -- |
| 24412 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.34 | Max | 3.6E+06 | 2.8E+03 | 9E-08 | 1E-10 |
| 24412 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.213 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-05 | 1E-08 |
| 24412 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.328 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24412 MARBELLA AVE | Benzene | µg/kg | 0.471 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24412 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1 | Max | 1.2E+03 | 3.5E+01 | 8E-04 | 3E-08 |
| 24412 MARBELLA AVE | Bromomethane | µg/kg | 3.5 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24412 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.27 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24412 MARBELLA AVE | Cobalt | mg/kg | 11.23 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24412 MARBELLA AVE | Ethylbenzene | µg/kg | 3.1 | Max | 3.3E+06 | 4.8E+03 | 1E-06 | 7E-10 |
| 24412 MARBELLA AVE | Naphthalene | mg/kg | 0.153 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 4E-08 |
| 24412 MARBELLA AVE | Pyrene | mg/kg | 0.0729 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24412 MARBELLA AVE | Toluene | µg/kg | 0.671 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24412 MARBELLA AVE | TPH as Diesel | mg/kg | 856.6 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24412 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.336 | 95UCL | 7.6E+02 | -- | 4E-04 | -- |
| 24412 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1399 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24412 MARBELLA AVE | Vanadium | mg/kg | 38.81 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24412 MARBELLA AVE | Xylenes, Total | µg/kg | 0.284 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24412 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 505.1 | 95UCL | 8.3E+04 | -- | 6E-03 | -- |
| 24412 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.37 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 1E-10 |
| 24412 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.861 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 6E-08 |
| 24412 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 2.489 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 24412 RAVENNA AVE | Benzene | µg/kg | 0.277 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24412 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.18 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 5E-09 |
| 24412 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24412 RAVENNA AVE | Cobalt | mg/kg | 9.437 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24412 RAVENNA AVE | Ethylbenzene | µg/kg | 680 | Max | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24412 RAVENNA AVE | Naphthalene | mg/kg | 0.845 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-03 | 2E-07 |
| 24412 RAVENNA AVE | Pyrene | mg/kg | 0.279 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24412 RAVENNA AVE | Toluene | µg/kg | 0.45 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24412 RAVENNA AVE | TPH as Diesel | mg/kg | 2092 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24412 RAVENNA AVE | TPH as Gasoline | mg/kg | 173.9 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24412 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2629 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24412 RAVENNA AVE | Xylenes, Total | µg/kg | 37.09 | 95UCL | 5.6E+05 | -- | 7E-05 | -- |
| 24413 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.243 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24413 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.026 | Max | 4.0E+03 | 1.6E+01 | 7E-06 | 2E-09 |
| 24413 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0203 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24413 NEPTUNE AVE | Benzene | µg/kg | 0.253 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24413 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.5 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24413 NEPTUNE AVE | Bromomethane | µg/kg | 2.3 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24413 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.21 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24413 NEPTUNE AVE | Naphthalene | mg/kg | 0.114 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24413 NEPTUNE AVE | Pyrene | mg/kg | 0.0682 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24413 NEPTUNE AVE | Toluene | µg/kg | 0.373 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24413 NEPTUNE AVE | TPH as Diesel | mg/kg | 267.9 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24413 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.459 | 95UCL | 7.6E+02 | -- | 6E-04 | -- |
| 24413 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 540.1 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24413 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.35 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24413 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.14 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24413 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 1 | Max | 3.6E+06 | 2.8E+03 | 3E-07 | 4E-10 |
| 24413 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.004 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24413 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00852 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24413 RAVENNA AVE | Benzene | µg/kg | 0.798 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 4E-09 |
| 24413 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 6.6 | Max | 1.2E+03 | 3.5E+01 | 5E-03 | 2E-07 |
| 24413 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24413 RAVENNA AVE | Cobalt | mg/kg | 9.485 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24413 RAVENNA AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24413 RAVENNA AVE | Naphthalene | mg/kg | 0.0034 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 9E-10 |
| 24413 RAVENNA AVE | Pyrene | mg/kg | 0.0448 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24413 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.25 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 5E-10 |
| 24413 RAVENNA AVE | Toluene | µg/kg | 1.018 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24413 RAVENNA AVE | TPH as Diesel | mg/kg | 212.3 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24413 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0869 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24413 RAVENNA AVE | TPH as Motor Oil | mg/kg | 545.1 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24413 RAVENNA AVE | Xylenes, Total | µg/kg | 0.678 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24416 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.4 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24416 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.46 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 2E-10 |
| 24416 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.011 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24416 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0304 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24416 MARBELLA AVE | Benzene | µg/kg | 0.204 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24416 MARBELLA AVE | Cobalt | mg/kg | 10.56 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24416 MARBELLA AVE | Ethylbenzene | µg/kg | 0.31 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 7E-11 |
| 24416 MARBELLA AVE | Naphthalene | mg/kg | 0.0135 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 24416 MARBELLA AVE | Pyrene | mg/kg | 0.0787 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24416 MARBELLA AVE | Toluene | µg/kg | 0.466 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24416 MARBELLA AVE | TPH as Diesel | mg/kg | 244.6 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24416 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.216 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24416 MARBELLA AVE | TPH as Motor Oil | mg/kg | 478.4 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24416 MARBELLA AVE | Vanadium | mg/kg | 36.93 | 95UCL | 3.9E+02 | -- | 9E-02 | -- |
| 24416 MARBELLA AVE | Xylenes, Total | µg/kg | 0.37 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24416 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00594 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24416 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0191 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24416 NEPTUNE AVE | Benzene | µg/kg | 0.19 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24416 NEPTUNE AVE | Naphthalene | mg/kg | 0.0321 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24416 NEPTUNE AVE | Pyrene | mg/kg | 0.0491 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24416 NEPTUNE AVE | TPH as Diesel | mg/kg | 454.1 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24416 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24416 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 907.7 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24416 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0218 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24416 PANAMA AVE | Benzene | µg/kg | 0.355 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24416 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24416 PANAMA AVE | Cobalt | mg/kg | 8.88 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24416 PANAMA AVE | Ethylbenzene | µg/kg | 0.21 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24416 PANAMA AVE | Naphthalene | mg/kg | 0.0059 | Max | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24416 PANAMA AVE | Pyrene | mg/kg | 0.139 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |
| 24416 PANAMA AVE | Toluene | µg/kg | 0.299 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24416 PANAMA AVE | TPH as Diesel | mg/kg | 634 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24416 PANAMA AVE | TPH as Gasoline | mg/kg | 0.106 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24416 PANAMA AVE | TPH as Motor Oil | mg/kg | 2088 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24416 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 170 | Max | 8.3E+04 | -- | 2E-03 | -- |
| 24416 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 77 | Max | 8.5E+04 | -- | 9E-04 | -- |
| 24416 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 22.11 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-03 | 1E-06 |
| 24416 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 20.84 | 95UCL | 2.3E+02 | -- | 9E-02 | -- |
| 24416 RAVENNA AVE | Benzene | µg/kg | 0.263 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24416 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.58 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24416 RAVENNA AVE | Ethylbenzene | µg/kg | 280 | Max | 3.3E+06 | 4.8E+03 | 9E-05 | 6E-08 |
| 24416 RAVENNA AVE | Naphthalene | mg/kg | 3.088 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 8E-07 |
| 24416 RAVENNA AVE | Pyrene | mg/kg | 3.325 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 24416 RAVENNA AVE | Toluene | µg/kg | 0.19 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24416 RAVENNA AVE | TPH as Diesel | mg/kg | 8961 | 95UCL | 1.3E+03 | -- | **7E+00** | -- |
| 24416 RAVENNA AVE | TPH as Gasoline | mg/kg | 160.4 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24416 RAVENNA AVE | TPH as Motor Oil | mg/kg | 8252 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24416 RAVENNA AVE | Xylenes, Total | µg/kg | 3.1 | Max | 5.6E+05 | -- | 6E-06 | -- |
| 24417 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0011 | Max | 4.0E+03 | 1.6E+01 | 3E-07 | 7E-11 |
| 24417 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0025 | Max | 2.3E+02 | -- | 1E-05 | -- |
| 24417 MARBELLA AVE | Benzene | µg/kg | 0.28 | Max | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24417 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24417 MARBELLA AVE | Cobalt | mg/kg | 12.2 | Max | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24417 MARBELLA AVE | Naphthalene | mg/kg | 0.0029 | Max | 1.5E+02 | 4.0E+00 | 2E-05 | 7E-10 |
| 24417 MARBELLA AVE | Pyrene | mg/kg | 0.012 | Max | 1.7E+03 | -- | 7E-06 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24417 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.41 | Max | 8.6E+04 | 5.5E+02 | 5E-06 | 7E-10 |
| 24417 MARBELLA AVE | Toluene | µg/kg | 0.17 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 24417 MARBELLA AVE | TPH as Diesel | mg/kg | 85 | Max | 1.3E+03 | -- | 7E-02 | -- |
| 24417 MARBELLA AVE | TPH as Motor Oil | mg/kg | 250 | Max | 3.3E+03 | -- | 8E-02 | -- |
| 24417 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.4 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24417 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.039 | Max | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24417 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0349 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24417 PANAMA AVE | Benzene | µg/kg | 1.423 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 7E-09 |
| 24417 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24417 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24417 PANAMA AVE | Cobalt | mg/kg | 9.168 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24417 PANAMA AVE | Ethylbenzene | µg/kg | 3.6 | Max | 3.3E+06 | 4.8E+03 | 1E-06 | 8E-10 |
| 24417 PANAMA AVE | Naphthalene | mg/kg | 0.00778 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24417 PANAMA AVE | Pyrene | mg/kg | 0.164 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24417 PANAMA AVE | Toluene | µg/kg | 0.271 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24417 PANAMA AVE | TPH as Diesel | mg/kg | 546.8 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24417 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0714 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 24417 PANAMA AVE | TPH as Motor Oil | mg/kg | 1783 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24417 PANAMA AVE | Xylenes, Total | µg/kg | 0.54 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24419 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.17 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24419 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0093 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24419 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00502 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24419 NEPTUNE AVE | Benzene | µg/kg | 0.97 | Max | 6.7E+04 | 2.2E+02 | 2E-05 | 4E-09 |
| 24419 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.66 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24419 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.57 | Max | 4.3E+05 | 4.9E+02 | 1E-06 | 1E-09 |
| 24419 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.13 | Max | 3.3E+06 | 4.8E+03 | 4E-08 | 3E-11 |
| 24419 NEPTUNE AVE | Naphthalene | mg/kg | 0.00234 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24419 NEPTUNE AVE | Pyrene | mg/kg | 0.154 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24419 NEPTUNE AVE | Toluene | µg/kg | 0.46 | Max | 4.8E+06 | -- | 1E-07 | -- |
| 24419 NEPTUNE AVE | TPH as Diesel | mg/kg | 583.4 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24419 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.074 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24419 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1169 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24419 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.302 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24419 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24419 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0053 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24419 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00826 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24419 RAVENNA AVE | Benzene | µg/kg | 0.322 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24419 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.14 | Max | 2.3E+02 | 1.3E+00 | 6E-04 | 1E-07 |
| 24419 RAVENNA AVE | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24419 RAVENNA AVE | Naphthalene | mg/kg | 0.0183 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24419 RAVENNA AVE | Pyrene | mg/kg | 0.0558 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24419 RAVENNA AVE | Toluene | µg/kg | 0.307 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24419 RAVENNA AVE | TPH as Diesel | mg/kg | 94.33 | 95UCL | 1.3E+03 | -- | 7E-02 | -- |
| 24419 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0853 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24419 RAVENNA AVE | TPH as Motor Oil | mg/kg | 302.1 | 95UCL | 3.3E+03 | -- | 9E-02 | -- |
| 24419 RAVENNA AVE | Xylenes, Total | µg/kg | 0.373 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 24420 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.486 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 24420 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.25 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24420 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.15 | Max | 3.6E+06 | 2.8E+03 | 4E-08 | 5E-11 |
| 24420 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0439 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24420 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.13 | 95UCL | 2.3E+02 | -- | 6E-04 | -- |
| 24420 PANAMA AVE | Benzene | µg/kg | 0.186 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24420 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24420 PANAMA AVE | Naphthalene | mg/kg | 0.0552 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-04 | 1E-08 |
| 24420 PANAMA AVE | Pyrene | mg/kg | 0.561 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24420 PANAMA AVE | Toluene | µg/kg | 0.349 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24420 PANAMA AVE | TPH as Diesel | mg/kg | 2564 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24420 PANAMA AVE | TPH as Motor Oil | mg/kg | 6463 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24420 PANAMA AVE | Xylenes, Total | µg/kg | 0.298 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24421 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.253 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24421 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.049 | Max | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24421 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0774 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24421 PANAMA AVE | Benzene | µg/kg | 0.245 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24421 PANAMA AVE | Naphthalene | mg/kg | 0.0479 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24421 PANAMA AVE | Pyrene | mg/kg | 0.559 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24421 PANAMA AVE | Toluene | µg/kg | 0.26 | Max | 4.8E+06 | -- | 5E-08 | -- |
| 24421 PANAMA AVE | TPH as Diesel | mg/kg | 659 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24421 PANAMA AVE | TPH as Gasoline | mg/kg | 0.098 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24421 PANAMA AVE | TPH as Motor Oil | mg/kg | 1814 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24422 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.228 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24422 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.034 | Max | 4.0E+03 | 1.6E+01 | 9E-06 | 2E-09 |
| 24422 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0188 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24422 MARBELLA AVE | Benzene | µg/kg | 1.072 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 5E-09 |
| 24422 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.78 | Max | 1.2E+03 | 3.5E+01 | 6E-04 | 2E-08 |
| 24422 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24422 MARBELLA AVE | Ethylbenzene | µg/kg | 0.18 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24422 MARBELLA AVE | Naphthalene | mg/kg | 0.00645 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24422 MARBELLA AVE | Pyrene | mg/kg | 0.185 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24422 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.27 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 5E-10 |
| 24422 MARBELLA AVE | Toluene | µg/kg | 1.185 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24422 MARBELLA AVE | TPH as Diesel | mg/kg | 1050 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24422 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.113 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24422 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1732 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24422 MARBELLA AVE | Xylenes, Total | µg/kg | 0.427 | 95UCL | 5.6E+05 | -- | 8E-07 | -- |
| 24422 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.21 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24422 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00964 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24422 NEPTUNE AVE | Benzene | µg/kg | 1.071 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 5E-09 |
| 24422 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.3 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 9E-09 |
| 24422 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.2 | Max | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24422 NEPTUNE AVE | Naphthalene | mg/kg | 0.0019 | Max | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 24422 NEPTUNE AVE | Pyrene | mg/kg | 0.0288 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24422 NEPTUNE AVE | Toluene | µg/kg | 1.349 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24422 NEPTUNE AVE | TPH as Diesel | mg/kg | 384.2 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24422 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 682.9 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24422 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.36 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24422 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 7731 | 95UCL | 8.3E+04 | -- | 9E-02 | -- |
| 24422 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1000 | Max | 8.5E+04 | -- | 1E-02 | -- |
| 24422 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 17.41 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-03 | 1E-06 |
| 24422 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 28.14 | 95UCL | 2.3E+02 | -- | 1E-01 | -- |
| 24422 RAVENNA AVE | Benzene | µg/kg | 44.85 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-04 | 2E-07 |
| 24422 RAVENNA AVE | Bromomethane | µg/kg | 0.78 | Max | 8.8E+03 | -- | 9E-05 | -- |
| 24422 RAVENNA AVE | Ethylbenzene | µg/kg | 2300 | Max | 3.3E+06 | 4.8E+03 | 7E-04 | 5E-07 |
| 24422 RAVENNA AVE | Naphthalene | mg/kg | 7.543 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-02 | **2E-06** |
| 24422 RAVENNA AVE | Pyrene | mg/kg | 1.865 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24422 RAVENNA AVE | Toluene | µg/kg | 13.91 | 95UCL | 4.8E+06 | -- | 3E-06 | -- |
| 24422 RAVENNA AVE | TPH as Diesel | mg/kg | 9047 | 95UCL | 1.3E+03 | -- | **7E+00** | -- |
| 24422 RAVENNA AVE | TPH as Gasoline | mg/kg | 800 | Max | 7.6E+02 | -- | 1E+00 | -- |
| 24422 RAVENNA AVE | TPH as Motor Oil | mg/kg | 11229 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24422 RAVENNA AVE | Xylenes, Total | µg/kg | 4500 | Max | 5.6E+05 | -- | 8E-03 | -- |
| 24423 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0076 | Max | 2.3E+02 | -- | 3E-05 | -- |
| 24423 MARBELLA AVE | Benzene | µg/kg | 0.36 | Max | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24423 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 24423 MARBELLA AVE | Bromomethane | µg/kg | 3.4 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24423 MARBELLA AVE | Cobalt | mg/kg | 12.1 | Max | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24423 MARBELLA AVE | Naphthalene | mg/kg | 0.014 | Max | 1.5E+02 | 4.0E+00 | 9E-05 | 4E-09 |
| 24423 MARBELLA AVE | Pyrene | mg/kg | 0.025 | Max | 1.7E+03 | -- | 2E-05 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24423 MARBELLA AVE | Toluene | µg/kg | 1.1 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24423 MARBELLA AVE | TPH as Diesel | mg/kg | 110 | Max | 1.3E+03 | -- | 9E-02 | -- |
| 24423 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24423 MARBELLA AVE | TPH as Motor Oil | mg/kg | 240 | Max | 3.3E+03 | -- | 7E-02 | -- |
| 24423 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.16 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24423 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0058 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 24423 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00486 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24423 NEPTUNE AVE | Benzene | µg/kg | 0.165 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24423 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 1.2E+03 | 3.5E+01 | 9E-04 | 3E-08 |
| 24423 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.12 | Max | 4.3E+05 | 4.9E+02 | 3E-07 | 3E-10 |
| 24423 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.53 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24423 NEPTUNE AVE | Naphthalene | mg/kg | 0.00489 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24423 NEPTUNE AVE | Pyrene | mg/kg | 0.0162 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24423 NEPTUNE AVE | Toluene | µg/kg | 0.166 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24423 NEPTUNE AVE | TPH as Diesel | mg/kg | 122.9 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24423 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.116 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24423 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 374.8 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24423 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.198 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 24423 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 4.4 | Max | 8.5E+04 | -- | 5E-05 | -- |
| 24423 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.14 | Max | 3.6E+06 | 2.8E+03 | 4E-08 | 5E-11 |
| 24423 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00677 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24423 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.011 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24423 RAVENNA AVE | Benzene | µg/kg | 0.193 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24423 RAVENNA AVE | Bromomethane | µg/kg | 2.9 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24423 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24423 RAVENNA AVE | Cobalt | mg/kg | 8.388 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24423 RAVENNA AVE | Ethylbenzene | µg/kg | 6.673 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-06 | 1E-09 |
| 24423 RAVENNA AVE | Naphthalene | mg/kg | 0.00795 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24423 RAVENNA AVE | Pyrene | mg/kg | 0.0339 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24423 RAVENNA AVE | Toluene | µg/kg | 0.313 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24423 RAVENNA AVE | TPH as Diesel | mg/kg | 343.4 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24423 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0986 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24423 RAVENNA AVE | TPH as Motor Oil | mg/kg | 559.8 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24423 RAVENNA AVE | Xylenes, Total | µg/kg | 34.58 | 95UCL | 5.6E+05 | -- | 6E-05 | -- |
| 24426 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.15 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24426 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.031 | Max | 4.0E+03 | 1.6E+01 | 8E-06 | 2E-09 |
| 24426 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0386 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24426 MARBELLA AVE | Benzene | µg/kg | 0.26 | Max | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24426 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.42 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24426 MARBELLA AVE | Naphthalene | mg/kg | 0.027 | Max | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |
| 24426 MARBELLA AVE | Pyrene | mg/kg | 0.15 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24426 MARBELLA AVE | Toluene | µg/kg | 0.28 | Max | 4.8E+06 | -- | 6E-08 | -- |
| 24426 MARBELLA AVE | TPH as Diesel | mg/kg | 783.3 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24426 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.073 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24426 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2148 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24426 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.377 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24426 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0095 | Max | 2.3E+02 | -- | 4E-05 | -- |
| 24426 NEPTUNE AVE | Benzene | µg/kg | 0.485 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24426 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 24426 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24426 NEPTUNE AVE | Cobalt | mg/kg | 10.4 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24426 NEPTUNE AVE | Pyrene | mg/kg | 0.0657 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24426 NEPTUNE AVE | Toluene | µg/kg | 0.489 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24426 NEPTUNE AVE | TPH as Diesel | mg/kg | 76.7 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 24426 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.111 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24426 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 345.3 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24426 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.61 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24426 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.33 | Max | 3.6E+06 | 2.8E+03 | 9E-08 | 1E-10 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24426 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.003 | Max | 4.0E+03 | 1.6E+01 | 8E-07 | 2E-10 |
| 24426 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0528 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24426 PANAMA AVE | Benzene | µg/kg | 0.335 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24426 PANAMA AVE | Cobalt | mg/kg | 9.493 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24426 PANAMA AVE | Naphthalene | mg/kg | 0.0159 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24426 PANAMA AVE | Pyrene | mg/kg | 0.151 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24426 PANAMA AVE | Toluene | µg/kg | 0.359 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24426 PANAMA AVE | TPH as Diesel | mg/kg | 1745 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24426 PANAMA AVE | TPH as Gasoline | mg/kg | 0.125 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24426 PANAMA AVE | TPH as Motor Oil | mg/kg | 3688 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24426 PANAMA AVE | Xylenes, Total | µg/kg | 0.59 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24426 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.611 | 95UCL | 8.3E+04 | -- | 7E-06 | -- |
| 24426 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.17 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24426 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0358 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-06 | 2E-09 |
| 24426 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.123 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 24426 RAVENNA AVE | Benzene | µg/kg | 0.254 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24426 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.21 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24426 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.385 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24426 RAVENNA AVE | Cobalt | mg/kg | 9.428 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24426 RAVENNA AVE | Ethylbenzene | µg/kg | 0.5 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24426 RAVENNA AVE | Naphthalene | mg/kg | 0.0477 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24426 RAVENNA AVE | Pyrene | mg/kg | 0.368 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24426 RAVENNA AVE | Toluene | µg/kg | 0.344 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24426 RAVENNA AVE | TPH as Diesel | mg/kg | 480.4 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24426 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24426 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1211 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24426 RAVENNA AVE | Xylenes, Total | µg/kg | 0.411 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 24427 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.023 | Max | 2.3E+02 | -- | 1E-04 | -- |
| 24427 MARBELLA AVE | Benzene | µg/kg | 0.226 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24427 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24427 MARBELLA AVE | Cobalt | mg/kg | 13.39 | 95UCL | 2.3E+01 | 3.1E+04 | 6E-01 | 4E-10 |
| 24427 MARBELLA AVE | Naphthalene | mg/kg | 0.0094 | Max | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24427 MARBELLA AVE | Pyrene | mg/kg | 0.0627 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24427 MARBELLA AVE | Tetrachloroethene | µg/kg | 7.558 | 95UCL | 8.6E+04 | 5.5E+02 | 9E-05 | 1E-08 |
| 24427 MARBELLA AVE | Toluene | µg/kg | 0.232 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24427 MARBELLA AVE | TPH as Diesel | mg/kg | 83.83 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 24427 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.12 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24427 MARBELLA AVE | TPH as Motor Oil | mg/kg | 205.9 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |
| 24427 MARBELLA AVE | Trichloroethene | µg/kg | 0.25 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24427 MARBELLA AVE | Vanadium | mg/kg | 45.17 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24427 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.198 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 24427 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0015 | Max | 4.0E+03 | 1.6E+01 | 4E-07 | 1E-10 |
| 24427 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00675 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 24427 PANAMA AVE | Benzene | µg/kg | 0.168 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24427 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.38 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24427 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.56 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24427 PANAMA AVE | Cobalt | mg/kg | 9.633 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24427 PANAMA AVE | Naphthalene | mg/kg | 0.00207 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 24427 PANAMA AVE | Pyrene | mg/kg | 0.0886 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24427 PANAMA AVE | Toluene | µg/kg | 0.21 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24427 PANAMA AVE | TPH as Diesel | mg/kg | 237.6 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24427 PANAMA AVE | TPH as Gasoline | mg/kg | 0.15 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24427 PANAMA AVE | TPH as Motor Oil | mg/kg | 619.4 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24427 PANAMA AVE | Xylenes, Total | µg/kg | 0.34 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24429 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.663 | 95UCL | 8.3E+04 | -- | 8E-06 | -- |
| 24429 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0084 | Max | 2.3E+02 | -- | 4E-05 | -- |
| 24429 NEPTUNE AVE | Benzene | µg/kg | 0.26 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24429 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24429 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.27 | Max | 3.3E+06 | 4.8E+03 | 8E-08 | 6E-11 |
| 24429 NEPTUNE AVE | Naphthalene | mg/kg | 0.0019 | Max | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 24429 NEPTUNE AVE | Pyrene | mg/kg | 0.0439 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24429 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.17 | Max | 8.6E+04 | 5.5E+02 | 2E-06 | 3E-10 |
| 24429 NEPTUNE AVE | Toluene | µg/kg | 0.318 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24429 NEPTUNE AVE | TPH as Diesel | mg/kg | 355.5 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24429 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.091 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24429 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 697.7 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24429 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.59 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24429 RAVENNA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.48 | Max | 6.2E+05 | 4.7E+02 | 8E-07 | 1E-09 |
| 24429 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.43 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24429 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0583 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-05 | 4E-09 |
| 24429 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0418 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24429 RAVENNA AVE | Benzene | µg/kg | 0.268 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24429 RAVENNA AVE | Naphthalene | mg/kg | 0.0265 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |
| 24429 RAVENNA AVE | Pyrene | mg/kg | 0.353 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24429 RAVENNA AVE | Toluene | µg/kg | 0.309 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24429 RAVENNA AVE | TPH as Diesel | mg/kg | 1205 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24429 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.113 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24429 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1659 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24429 RAVENNA AVE | Xylenes, Total | µg/kg | 0.43 | Max | 5.6E+05 | -- | 8E-07 | -- |
| 24430 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0024 | Max | 4.0E+03 | 1.6E+01 | 6E-07 | 2E-10 |
| 24430 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.022 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24430 PANAMA AVE | Benzene | µg/kg | 0.201 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24430 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24430 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.488 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24430 PANAMA AVE | Naphthalene | mg/kg | 0.00754 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24430 PANAMA AVE | Pyrene | mg/kg | 0.0752 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24430 PANAMA AVE | Toluene | µg/kg | 0.5 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24430 PANAMA AVE | TPH as Diesel | mg/kg | 61.69 | 95UCL | 1.3E+03 | -- | 5E-02 | -- |
| 24430 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0824 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24430 PANAMA AVE | TPH as Motor Oil | mg/kg | 163.3 | 95UCL | 3.3E+03 | -- | 5E-02 | -- |
| 24430 PANAMA AVE | Xylenes, Total | µg/kg | 0.29 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24431 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.547 | 95UCL | 8.3E+04 | -- | 7E-06 | -- |
| 24431 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.004 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24431 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0455 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24431 PANAMA AVE | Benzene | µg/kg | 0.544 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 3E-09 |
| 24431 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24431 PANAMA AVE | Cobalt | mg/kg | 9.651 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24431 PANAMA AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24431 PANAMA AVE | Naphthalene | mg/kg | 0.0134 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 24431 PANAMA AVE | Pyrene | mg/kg | 0.0799 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24431 PANAMA AVE | Tetrachloroethene | µg/kg | 8.3 | Max | 8.6E+04 | 5.5E+02 | 1E-04 | 2E-08 |
| 24431 PANAMA AVE | Toluene | µg/kg | 0.374 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24431 PANAMA AVE | TPH as Diesel | mg/kg | 1167 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24431 PANAMA AVE | TPH as Gasoline | mg/kg | 0.124 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24431 PANAMA AVE | TPH as Motor Oil | mg/kg | 3533 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24431 PANAMA AVE | Trichloroethene | µg/kg | 0.4 | Max | 5.8E+03 | 1.2E+03 | 7E-05 | 3E-10 |
| 24431 PANAMA AVE | Xylenes, Total | µg/kg | 1 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 24432 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.63 | Max | 8.3E+04 | -- | 8E-06 | -- |
| 24432 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24432 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.349 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-05 | 2E-08 |
| 24432 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.5 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24432 MARBELLA AVE | Benzene | µg/kg | 0.217 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24432 MARBELLA AVE | Ethylbenzene | µg/kg | 1.7 | Max | 3.3E+06 | 4.8E+03 | 5E-07 | 4E-10 |
| 24432 MARBELLA AVE | Naphthalene | mg/kg | 0.151 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 4E-08 |
| 24432 MARBELLA AVE | Pyrene | mg/kg | 0.106 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24432 MARBELLA AVE | Toluene | µg/kg | 0.51 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24432 MARBELLA AVE | TPH as Diesel | mg/kg | 708.2 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24432 MARBELLA AVE | TPH as Gasoline | mg/kg | 45.21 | 95UCL | 7.6E+02 | -- | 6E-02 | -- |
| 24432 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1496 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24432 MARBELLA AVE | Trichloroethene | µg/kg | 0.19 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 2E-10 |
| 24432 MARBELLA AVE | Xylenes, Total | µg/kg | 0.306 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 24433 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 28 | Max | 8.3E+04 | -- | 3E-04 | -- |
| 24433 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.21 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24433 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.059 | Max | 4.0E+03 | 1.6E+01 | 2E-05 | 4E-09 |
| 24433 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0195 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24433 MARBELLA AVE | Benzene | µg/kg | 0.16 | Max | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24433 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.48 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24433 MARBELLA AVE | Cobalt | mg/kg | 12.6 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24433 MARBELLA AVE | Ethylbenzene | µg/kg | 0.64 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24433 MARBELLA AVE | Naphthalene | mg/kg | 0.0968 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-04 | 2E-08 |
| 24433 MARBELLA AVE | Pyrene | mg/kg | 0.0833 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24433 MARBELLA AVE | Tetrachloroethene | µg/kg | 8305 | 95UCL | 8.6E+04 | 5.5E+02 | 1E-01 | **2E-05** |
| 24433 MARBELLA AVE | Toluene | µg/kg | 87 | Max | 4.8E+06 | -- | 2E-05 | -- |
| 24433 MARBELLA AVE | TPH as Diesel | mg/kg | 7095 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24433 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.19 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24433 MARBELLA AVE | TPH as Motor Oil | mg/kg | 15451 | 95UCL | 3.3E+03 | -- | **5E+00** | -- |
| 24433 MARBELLA AVE | Trichloroethene | µg/kg | 140 | Max | 5.8E+03 | 1.2E+03 | 2E-02 | 1E-07 |
| 24433 MARBELLA AVE | Vanadium | mg/kg | 39.61 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24433 MARBELLA AVE | Xylenes, Total | µg/kg | 100 | Max | 5.6E+05 | -- | 2E-04 | -- |
| 24436 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 0.61 | Max | 2.4E+03 | 2.1E+01 | 3E-04 | 3E-08 |
| 24436 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.27 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24436 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0061 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24436 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0103 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24436 PANAMA AVE | Benzene | µg/kg | 0.26 | Max | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24436 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.45 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24436 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.424 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24436 PANAMA AVE | Naphthalene | mg/kg | 0.00512 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24436 PANAMA AVE | Pyrene | mg/kg | 0.0373 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24436 PANAMA AVE | Toluene | µg/kg | 0.237 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24436 PANAMA AVE | TPH as Diesel | mg/kg | 37.31 | 95UCL | 1.3E+03 | -- | 3E-02 | -- |
| 24436 PANAMA AVE | TPH as Gasoline | mg/kg | 0.087 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24436 PANAMA AVE | TPH as Motor Oil | mg/kg | 113.4 | 95UCL | 3.3E+03 | -- | 3E-02 | -- |
| 24436 PANAMA AVE | Xylenes, Total | µg/kg | 0.2 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24502 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.808 | 95UCL | 8.3E+04 | -- | 1E-05 | -- |
| 24502 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.17 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 6E-11 |
| 24502 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.88 | Max | 4.0E+03 | 1.6E+01 | 2E-04 | 6E-08 |
| 24502 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.294 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24502 MARBELLA AVE | Benzene | µg/kg | 0.33 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24502 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.19 | Max | 4.3E+05 | 4.9E+02 | 4E-07 | 4E-10 |
| 24502 MARBELLA AVE | Bromomethane | µg/kg | 2.4 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24502 MARBELLA AVE | Cobalt | mg/kg | 9.595 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24502 MARBELLA AVE | Ethylbenzene | µg/kg | 0.931 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24502 MARBELLA AVE | Naphthalene | mg/kg | 0.0367 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 9E-09 |
| 24502 MARBELLA AVE | Pyrene | mg/kg | 0.263 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24502 MARBELLA AVE | Toluene | µg/kg | 0.3 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24502 MARBELLA AVE | TPH as Diesel | mg/kg | 720.1 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24502 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.249 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24502 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1374 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24502 MARBELLA AVE | Xylenes, Total | µg/kg | 0.615 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24502 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.208 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24502 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00423 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24502 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0126 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 24502 NEPTUNE AVE | Benzene | µg/kg | 0.153 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24502 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24502 NEPTUNE AVE | Naphthalene | mg/kg | 0.00783 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24502 NEPTUNE AVE | Pyrene | mg/kg | 0.0371 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24502 NEPTUNE AVE | Toluene | µg/kg | 0.16 | 95UCL | 4.8E+06 | -- | 3E-08 | -- |
| 24502 NEPTUNE AVE | TPH as Diesel | mg/kg | 339.8 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24502 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0963 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24502 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 620.8 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24502 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00294 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-07 | 2E-10 |
| 24502 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00395 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24502 PANAMA AVE | Benzene | µg/kg | 0.203 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24502 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24502 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.306 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24502 PANAMA AVE | Naphthalene | mg/kg | 0.00162 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 4E-10 |
| 24502 PANAMA AVE | Pyrene | mg/kg | 0.0062 | 95UCL | 1.7E+03 | -- | 4E-06 | -- |
| 24502 PANAMA AVE | Toluene | µg/kg | 0.224 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24502 PANAMA AVE | TPH as Diesel | mg/kg | 43 | Max | 1.3E+03 | -- | 3E-02 | -- |
| 24502 PANAMA AVE | TPH as Gasoline | mg/kg | 0.107 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24502 PANAMA AVE | TPH as Motor Oil | mg/kg | 31.66 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24502 PANAMA AVE | Xylenes, Total | µg/kg | 0.23 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24502 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0057 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 24502 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00893 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24502 RAVENNA AVE | Benzene | µg/kg | 0.23 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24502 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.68 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24502 RAVENNA AVE | Naphthalene | mg/kg | 0.00643 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24502 RAVENNA AVE | Pyrene | mg/kg | 0.241 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24502 RAVENNA AVE | Toluene | µg/kg | 0.17 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 24502 RAVENNA AVE | TPH as Diesel | mg/kg | 475.4 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24502 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.147 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24502 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1115 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24503 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.27 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24503 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0027 | Max | 2.3E+02 | -- | 1E-05 | -- |
| 24503 MARBELLA AVE | Benzene | µg/kg | 0.204 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24503 MARBELLA AVE | Cobalt | mg/kg | 12.29 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24503 MARBELLA AVE | Naphthalene | mg/kg | 0.00751 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24503 MARBELLA AVE | Pyrene | mg/kg | 0.0432 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24503 MARBELLA AVE | Tetrachloroethene | µg/kg | 2.753 | 95UCL | 8.6E+04 | 5.5E+02 | 3E-05 | 5E-09 |
| 24503 MARBELLA AVE | Toluene | µg/kg | 0.331 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24503 MARBELLA AVE | TPH as Diesel | mg/kg | 99.2 | 95UCL | 1.3E+03 | -- | 8E-02 | -- |
| 24503 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.075 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24503 MARBELLA AVE | TPH as Motor Oil | mg/kg | 263.9 | 95UCL | 3.3E+03 | -- | 8E-02 | -- |
| 24503 MARBELLA AVE | Trichloroethene | µg/kg | 0.26 | Max | 5.8E+03 | 1.2E+03 | 5E-05 | 2E-10 |
| 24503 MARBELLA AVE | Vanadium | mg/kg | 42.21 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24503 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.28 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24503 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0018 | Max | 4.0E+03 | 1.6E+01 | 5E-07 | 1E-10 |
| 24503 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00766 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 24503 NEPTUNE AVE | Benzene | µg/kg | 0.182 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24503 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.69 | Max | 1.2E+03 | 3.5E+01 | 6E-04 | 2E-08 |
| 24503 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24503 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.58 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24503 NEPTUNE AVE | Naphthalene | mg/kg | 0.00196 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 24503 NEPTUNE AVE | Pyrene | mg/kg | 0.121 | 95UCL | 1.7E+03 | -- | 7E-05 | -- |
| 24503 NEPTUNE AVE | Toluene | µg/kg | 0.188 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24503 NEPTUNE AVE | TPH as Diesel | mg/kg | 212 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24503 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.21 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24503 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 621.1 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24503 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00325 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 24503 PANAMA AVE | Benzene | µg/kg | 0.55 | Max | 6.7E+04 | 2.2E+02 | 8E-06 | 3E-09 |
| 24503 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.26 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 24503 PANAMA AVE | Naphthalene | mg/kg | 0.00172 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 4E-10 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24503 PANAMA AVE | Pyrene | mg/kg | 0.326 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24503 PANAMA AVE | Toluene | µg/kg | 0.293 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24503 PANAMA AVE | TPH as Diesel | mg/kg | 1746 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24503 PANAMA AVE | TPH as Gasoline | mg/kg | 0.13 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24503 PANAMA AVE | TPH as Motor Oil | mg/kg | 2314 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24503 PANAMA AVE | Xylenes, Total | µg/kg | 0.28 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24503 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.1 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24503 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0056 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 24503 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0154 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24503 RAVENNA AVE | Benzene | µg/kg | 0.43 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24503 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.18 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 5E-09 |
| 24503 RAVENNA AVE | Ethylbenzene | µg/kg | 0.46 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 1E-10 |
| 24503 RAVENNA AVE | Methylene Chloride | µg/kg | 3 | Max | 3.6E+05 | 5.3E+03 | 8E-06 | 6E-10 |
| 24503 RAVENNA AVE | Naphthalene | mg/kg | 0.0296 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24503 RAVENNA AVE | Pyrene | mg/kg | 0.0978 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24503 RAVENNA AVE | Toluene | µg/kg | 1.493 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24503 RAVENNA AVE | TPH as Diesel | mg/kg | 188.3 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24503 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.449 | 95UCL | 7.6E+02 | -- | 6E-04 | -- |
| 24503 RAVENNA AVE | TPH as Motor Oil | mg/kg | 381.9 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24503 RAVENNA AVE | Xylenes, Total | µg/kg | 0.798 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24506 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.34 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24506 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24506 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00734 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24506 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0252 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24506 MARBELLA AVE | Benzene | µg/kg | 0.31 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24506 MARBELLA AVE | Bromomethane | µg/kg | 1.1 | Max | 8.8E+03 | -- | 1E-04 | -- |
| 24506 MARBELLA AVE | Cobalt | mg/kg | 10.22 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24506 MARBELLA AVE | Naphthalene | mg/kg | 0.0129 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 24506 MARBELLA AVE | Pyrene | mg/kg | 0.0488 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24506 MARBELLA AVE | Toluene | µg/kg | 0.25 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24506 MARBELLA AVE | TPH as Diesel | mg/kg | 355.7 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24506 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.074 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24506 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1135 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24506 MARBELLA AVE | Xylenes, Total | µg/kg | 0.24 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24507 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.008 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24507 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0165 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24507 MARBELLA AVE | Benzene | µg/kg | 0.294 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24507 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24507 MARBELLA AVE | Cobalt | mg/kg | 14.05 | 95UCL | 2.3E+01 | 3.1E+04 | 6E-01 | 5E-10 |
| 24507 MARBELLA AVE | Naphthalene | mg/kg | 0.00656 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24507 MARBELLA AVE | Pyrene | mg/kg | 0.146 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24507 MARBELLA AVE | Tetrachloroethene | µg/kg | 2.778 | 95UCL | 8.6E+04 | 5.5E+02 | 3E-05 | 5E-09 |
| 24507 MARBELLA AVE | Toluene | µg/kg | 0.216 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24507 MARBELLA AVE | TPH as Diesel | mg/kg | 135.3 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24507 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.079 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24507 MARBELLA AVE | TPH as Motor Oil | mg/kg | 728.7 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24507 MARBELLA AVE | Trichloroethene | µg/kg | 0.22 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24507 MARBELLA AVE | Vanadium | mg/kg | 48.26 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24508 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 200 | Max | 3.6E+06 | 2.8E+03 | 6E-05 | 7E-08 |
| 24508 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.12 | Max | 4.0E+03 | 1.6E+01 | 3E-05 | 8E-09 |
| 24508 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0744 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24508 NEPTUNE AVE | Benzene | µg/kg | 0.579 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-06 | 3E-09 |
| 24508 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.32 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 9E-09 |
| 24508 NEPTUNE AVE | Naphthalene | mg/kg | 0.0119 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24508 NEPTUNE AVE | Pyrene | mg/kg | 0.518 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24508 NEPTUNE AVE | Toluene | µg/kg | 0.255 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24508 NEPTUNE AVE | TPH as Diesel | mg/kg | 1137 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24508 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.17 | Max | 7.6E+02 | -- | 2E-04 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24508 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2929 | 95UCL | 3.3E+03 | -- | 9E-01 | -- |
| 24508 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.004 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24508 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00381 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24508 PANAMA AVE | Benzene | µg/kg | 0.247 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24508 PANAMA AVE | Bromomethane | µg/kg | 1.7 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24508 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24508 PANAMA AVE | Naphthalene | mg/kg | 0.003 | Max | 1.5E+02 | 4.0E+00 | 2E-05 | 8E-10 |
| 24508 PANAMA AVE | Pyrene | mg/kg | 0.00534 | 95UCL | 1.7E+03 | -- | 3E-06 | -- |
| 24508 PANAMA AVE | Toluene | µg/kg | 0.199 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24508 PANAMA AVE | TPH as Diesel | mg/kg | 88 | Max | 1.3E+03 | -- | 7E-02 | -- |
| 24508 PANAMA AVE | TPH as Gasoline | mg/kg | 0.075 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24508 PANAMA AVE | TPH as Motor Oil | mg/kg | 280 | Max | 3.3E+03 | -- | 9E-02 | -- |
| 24508 PANAMA AVE | Trichloroethene | µg/kg | 1.4 | Max | 5.8E+03 | 1.2E+03 | 2E-04 | 1E-09 |
| 24508 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.282 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24508 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.1 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24508 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00941 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24508 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0199 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24508 RAVENNA AVE | Benzene | µg/kg | 0.184 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24508 RAVENNA AVE | Cobalt | mg/kg | 8.795 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24508 RAVENNA AVE | Ethylbenzene | µg/kg | 0.3 | Max | 3.3E+06 | 4.8E+03 | 9E-08 | 6E-11 |
| 24508 RAVENNA AVE | Naphthalene | mg/kg | 0.0175 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24508 RAVENNA AVE | Pyrene | mg/kg | 0.109 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24508 RAVENNA AVE | Toluene | µg/kg | 0.168 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24508 RAVENNA AVE | TPH as Diesel | mg/kg | 452.2 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24508 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24508 RAVENNA AVE | TPH as Motor Oil | mg/kg | 841.6 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24508 RAVENNA AVE | Xylenes, Total | µg/kg | 0.236 | 95UCL | 5.6E+05 | -- | 4E-07 | -- |
| 24509 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.27 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24509 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0037 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-07 | 2E-10 |
| 24509 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0146 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 24509 NEPTUNE AVE | Benzene | µg/kg | 0.241 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24509 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24509 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.24 | Max | 4.3E+05 | 4.9E+02 | 6E-07 | 5E-10 |
| 24509 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.37 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24509 NEPTUNE AVE | Naphthalene | mg/kg | 0.00266 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 7E-10 |
| 24509 NEPTUNE AVE | Pyrene | mg/kg | 0.104 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24509 NEPTUNE AVE | Toluene | µg/kg | 0.317 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24509 NEPTUNE AVE | TPH as Diesel | mg/kg | 611.5 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24509 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.134 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24509 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1620 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24509 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2.7 | Max | 8.3E+04 | -- | 3E-05 | -- |
| 24509 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.14 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24509 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.23 | Max | 4.0E+03 | 1.6E+01 | 6E-05 | 2E-08 |
| 24509 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0535 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24509 PANAMA AVE | Benzene | µg/kg | 0.562 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 3E-09 |
| 24509 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.82 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 2E-08 |
| 24509 PANAMA AVE | Bromomethane | µg/kg | 2.5 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24509 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24509 PANAMA AVE | Ethylbenzene | µg/kg | 0.57 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24509 PANAMA AVE | Naphthalene | mg/kg | 0.0029 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 7E-10 |
| 24509 PANAMA AVE | Pyrene | mg/kg | 0.714 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24509 PANAMA AVE | Toluene | µg/kg | 1.201 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24509 PANAMA AVE | TPH as Diesel | mg/kg | 2479 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24509 PANAMA AVE | TPH as Gasoline | mg/kg | 1.786 | 95UCL | 7.6E+02 | -- | 2E-03 | -- |
| 24509 PANAMA AVE | TPH as Motor Oil | mg/kg | 4481 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24509 PANAMA AVE | Xylenes, Total | µg/kg | 0.498 | 95UCL | 5.6E+05 | -- | 9E-07 | -- |
| 24509 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.319 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24509 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.098 | Max | 8.5E+04 | -- | 1E-06 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24509 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.054 | Max | 4.0E+03 | 1.6E+01 | 1E-05 | 4E-09 |
| 24509 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0822 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24509 RAVENNA AVE | Benzene | µg/kg | 0.161 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24509 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.66 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24509 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24509 RAVENNA AVE | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24509 RAVENNA AVE | Naphthalene | mg/kg | 0.0166 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24509 RAVENNA AVE | Pyrene | mg/kg | 0.263 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24509 RAVENNA AVE | Toluene | µg/kg | 0.29 | Max | 4.8E+06 | -- | 6E-08 | -- |
| 24509 RAVENNA AVE | TPH as Diesel | mg/kg | 298.4 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24509 RAVENNA AVE | TPH as Motor Oil | mg/kg | 912.9 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24509 RAVENNA AVE | Xylenes, Total | µg/kg | 0.29 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24512 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0557 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 4E-09 |
| 24512 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0723 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24512 MARBELLA AVE | Benzene | µg/kg | 0.144 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24512 MARBELLA AVE | Bromomethane | µg/kg | 2 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24512 MARBELLA AVE | Cobalt | mg/kg | 11.06 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24512 MARBELLA AVE | Naphthalene | mg/kg | 0.119 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24512 MARBELLA AVE | Pyrene | mg/kg | 0.989 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24512 MARBELLA AVE | Toluene | µg/kg | 0.162 | 95UCL | 4.8E+06 | -- | 3E-08 | -- |
| 24512 MARBELLA AVE | TPH as Diesel | mg/kg | 1246 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24512 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0815 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24512 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2124 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24512 MARBELLA AVE | Vanadium | mg/kg | 39.75 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24512 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.042 | Max | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24512 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0419 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24512 NEPTUNE AVE | Benzene | µg/kg | 0.155 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24512 NEPTUNE AVE | Naphthalene | mg/kg | 0.0034 | Max | 1.5E+02 | 4.0E+00 | 2E-05 | 9E-10 |
| 24512 NEPTUNE AVE | Pyrene | mg/kg | 0.232 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24512 NEPTUNE AVE | TPH as Diesel | mg/kg | 547.5 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24512 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1027 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24512 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.11 | Max | 8.3E+04 | -- | 1E-06 | -- |
| 24512 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0039 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24512 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00485 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24512 PANAMA AVE | Benzene | µg/kg | 0.164 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24512 PANAMA AVE | Naphthalene | mg/kg | 0.00549 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 24512 PANAMA AVE | Pyrene | mg/kg | 0.0168 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24512 PANAMA AVE | Toluene | µg/kg | 0.201 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24512 PANAMA AVE | TPH as Diesel | mg/kg | 45 | Max | 1.3E+03 | -- | 4E-02 | -- |
| 24512 PANAMA AVE | TPH as Gasoline | mg/kg | 0.075 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24512 PANAMA AVE | TPH as Motor Oil | mg/kg | 140 | Max | 3.3E+03 | -- | 4E-02 | -- |
| 24512 PANAMA AVE | Trichloroethene | µg/kg | 0.3 | Max | 5.8E+03 | 1.2E+03 | 5E-05 | 3E-10 |
| 24512 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.171 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 24512 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0182 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-06 | 1E-09 |
| 24512 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0211 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24512 RAVENNA AVE | Benzene | µg/kg | 0.191 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24512 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.74 | Max | 1.2E+03 | 3.5E+01 | 6E-04 | 2E-08 |
| 24512 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24512 RAVENNA AVE | Naphthalene | mg/kg | 0.012 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24512 RAVENNA AVE | Pyrene | mg/kg | 0.141 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |
| 24512 RAVENNA AVE | Toluene | µg/kg | 0.188 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24512 RAVENNA AVE | TPH as Diesel | mg/kg | 146.5 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24512 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.105 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24512 RAVENNA AVE | TPH as Motor Oil | mg/kg | 565.5 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24513 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.853 | 95UCL | 8.3E+04 | -- | 1E-05 | -- |
| 24513 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.13 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24513 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0066 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24513 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0158 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24513 NEPTUNE AVE | Benzene | µg/kg | 0.224 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24513 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24513 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24513 NEPTUNE AVE | Naphthalene | mg/kg | 0.0237 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 24513 NEPTUNE AVE | Pyrene | mg/kg | 0.0508 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24513 NEPTUNE AVE | Toluene | µg/kg | 0.296 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24513 NEPTUNE AVE | TPH as Diesel | mg/kg | 238.9 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24513 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.14 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24513 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 584.8 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24513 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.28 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24513 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.38 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24513 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.086 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24513 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0017 | Max | 4.0E+03 | 1.6E+01 | 4E-07 | 1E-10 |
| 24513 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0364 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24513 PANAMA AVE | Benzene | µg/kg | 0.31 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24513 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.56 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24513 PANAMA AVE | Bromomethane | µg/kg | 1.8 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24513 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.371 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24513 PANAMA AVE | Naphthalene | mg/kg | 0.00407 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24513 PANAMA AVE | Pyrene | mg/kg | 0.177 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24513 PANAMA AVE | Toluene | µg/kg | 0.321 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24513 PANAMA AVE | TPH as Diesel | mg/kg | 391.9 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24513 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0672 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 24513 PANAMA AVE | TPH as Motor Oil | mg/kg | 1029 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24513 PANAMA AVE | Xylenes, Total | µg/kg | 0.43 | Max | 5.6E+05 | -- | 8E-07 | -- |
| 24513 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.33 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24513 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.18 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 6E-11 |
| 24513 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.031 | Max | 4.0E+03 | 1.6E+01 | 8E-06 | 2E-09 |
| 24513 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0467 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24513 RAVENNA AVE | Benzene | µg/kg | 0.415 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24513 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.16 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24513 RAVENNA AVE | Bromodichloromethane | µg/kg | 0.17 | Max | 4.3E+05 | 4.9E+02 | 4E-07 | 4E-10 |
| 24513 RAVENNA AVE | Naphthalene | mg/kg | 0.0308 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24513 RAVENNA AVE | Pyrene | mg/kg | 0.0306 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24513 RAVENNA AVE | Toluene | µg/kg | 0.301 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24513 RAVENNA AVE | TPH as Diesel | mg/kg | 209.5 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24513 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.12 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24513 RAVENNA AVE | TPH as Motor Oil | mg/kg | 558.5 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24513 RAVENNA AVE | Xylenes, Total | µg/kg | 0.32 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24516 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.491 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 24516 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.16 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24516 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.8 | Max | 4.0E+03 | 1.6E+01 | 2E-04 | 5E-08 |
| 24516 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.452 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24516 MARBELLA AVE | Benzene | µg/kg | 0.438 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24516 MARBELLA AVE | Bromomethane | µg/kg | 2.3 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24516 MARBELLA AVE | Ethylbenzene | µg/kg | 0.45 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24516 MARBELLA AVE | Naphthalene | mg/kg | 0.149 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 4E-08 |
| 24516 MARBELLA AVE | Pyrene | mg/kg | 0.191 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24516 MARBELLA AVE | Toluene | µg/kg | 0.608 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24516 MARBELLA AVE | TPH as Diesel | mg/kg | 641.6 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24516 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0883 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24516 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1676 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24516 MARBELLA AVE | Xylenes, Total | µg/kg | 0.491 | 95UCL | 5.6E+05 | -- | 9E-07 | -- |
| 24517 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.23 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24517 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0019 | Max | 2.3E+02 | -- | 8E-06 | -- |
| 24517 MARBELLA AVE | Benzene | µg/kg | 0.2 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24517 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24517 MARBELLA AVE | Cobalt | mg/kg | 14.2 | Max | 2.3E+01 | 3.1E+04 | 6E-01 | 5E-10 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24517 MARBELLA AVE | Naphthalene | mg/kg | 0.021 | Max | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24517 MARBELLA AVE | Pyrene | mg/kg | 0.59 | Max | 1.7E+03 | -- | 3E-04 | -- |
| 24517 MARBELLA AVE | Toluene | µg/kg | 0.3 | Max | 4.8E+06 | -- | 6E-08 | -- |
| 24517 MARBELLA AVE | TPH as Diesel | mg/kg | 720 | Max | 1.3E+03 | -- | 6E-01 | -- |
| 24517 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.23 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24517 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2200 | Max | 3.3E+03 | -- | 7E-01 | -- |
| 24517 MARBELLA AVE | Vanadium | mg/kg | 50 | Max | 3.9E+02 | -- | 1E-01 | -- |
| 24518 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.31 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24518 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.022 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 1E-09 |
| 24518 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0304 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24518 NEPTUNE AVE | Benzene | µg/kg | 0.276 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24518 NEPTUNE AVE | Bromomethane | µg/kg | 1.6 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24518 NEPTUNE AVE | Cobalt | mg/kg | 8.279 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24518 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.58 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24518 NEPTUNE AVE | Naphthalene | mg/kg | 0.00816 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24518 NEPTUNE AVE | Pyrene | mg/kg | 0.091 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24518 NEPTUNE AVE | Toluene | µg/kg | 0.391 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24518 NEPTUNE AVE | TPH as Diesel | mg/kg | 584.9 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24518 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.14 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24518 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1526 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24518 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.71 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24518 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.16 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24518 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0014 | Max | 4.0E+03 | 1.6E+01 | 4E-07 | 9E-11 |
| 24518 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00444 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24518 PANAMA AVE | Benzene | µg/kg | 0.31 | Max | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24518 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.61 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24518 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.59 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24518 PANAMA AVE | Naphthalene | mg/kg | 0.00184 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 24518 PANAMA AVE | Pyrene | mg/kg | 0.0207 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24518 PANAMA AVE | Toluene | µg/kg | 0.33 | Max | 4.8E+06 | -- | 7E-08 | -- |
| 24518 PANAMA AVE | TPH as Diesel | mg/kg | 71.2 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 24518 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0855 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24518 PANAMA AVE | TPH as Motor Oil | mg/kg | 170 | 95UCL | 3.3E+03 | -- | 5E-02 | -- |
| 24518 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.83 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24518 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.014 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 9E-10 |
| 24518 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0172 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24518 RAVENNA AVE | Benzene | µg/kg | 0.34 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24518 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24518 RAVENNA AVE | Ethylbenzene | µg/kg | 0.93 | Max | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24518 RAVENNA AVE | Naphthalene | mg/kg | 0.0173 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24518 RAVENNA AVE | Pyrene | mg/kg | 0.0258 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24518 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.44 | Max | 8.6E+04 | 5.5E+02 | 5E-06 | 8E-10 |
| 24518 RAVENNA AVE | Toluene | µg/kg | 0.328 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24518 RAVENNA AVE | TPH as Diesel | mg/kg | 110.7 | 95UCL | 1.3E+03 | -- | 9E-02 | -- |
| 24518 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0774 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24518 RAVENNA AVE | TPH as Motor Oil | mg/kg | 346.9 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24518 RAVENNA AVE | Xylenes, Total | µg/kg | 0.286 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24519 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.9 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24519 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.096 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24519 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.25 | Max | 3.6E+06 | 2.8E+03 | 7E-08 | 9E-11 |
| 24519 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0039 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24519 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0289 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24519 NEPTUNE AVE | Benzene | µg/kg | 0.462 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24519 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.23 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24519 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24519 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.306 | 95UCL | 3.3E+06 | 4.8E+03 | 9E-08 | 6E-11 |
| 24519 NEPTUNE AVE | Naphthalene | mg/kg | 0.0076 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24519 NEPTUNE AVE | Pyrene | mg/kg | 0.134 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24519 NEPTUNE AVE | Toluene | µg/kg | 0.327 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24519 NEPTUNE AVE | TPH as Diesel | mg/kg | 217.4 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24519 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 700.5 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24519 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.564 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24519 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.4 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24519 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0046 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24519 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00828 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24519 PANAMA AVE | Benzene | µg/kg | 0.283 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24519 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24519 PANAMA AVE | Naphthalene | mg/kg | 0.00632 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24519 PANAMA AVE | Pyrene | mg/kg | 0.0302 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24519 PANAMA AVE | Toluene | µg/kg | 0.265 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24519 PANAMA AVE | TPH as Diesel | mg/kg | 47.72 | 95UCL | 1.3E+03 | -- | 4E-02 | -- |
| 24519 PANAMA AVE | TPH as Gasoline | mg/kg | 0.079 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24519 PANAMA AVE | TPH as Motor Oil | mg/kg | 189.5 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |
| 24519 PANAMA AVE | Xylenes, Total | µg/kg | 0.22 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24522 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.32 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24522 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.12 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24522 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.67 | Max | 4.0E+03 | 1.6E+01 | 2E-04 | 4E-08 |
| 24522 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.237 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24522 MARBELLA AVE | Benzene | µg/kg | 0.308 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24522 MARBELLA AVE | Cobalt | mg/kg | 12.52 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24522 MARBELLA AVE | Ethylbenzene | µg/kg | 0.3 | Max | 3.3E+06 | 4.8E+03 | 9E-08 | 6E-11 |
| 24522 MARBELLA AVE | Naphthalene | mg/kg | 0.12 | Max | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24522 MARBELLA AVE | Pyrene | mg/kg | 0.0542 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24522 MARBELLA AVE | Toluene | µg/kg | 0.316 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24522 MARBELLA AVE | TPH as Diesel | mg/kg | 3930 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24522 MARBELLA AVE | TPH as Gasoline | mg/kg | 160 | Max | 7.6E+02 | -- | 2E-01 | -- |
| 24522 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4332 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24522 MARBELLA AVE | Vanadium | mg/kg | 44.13 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24522 MARBELLA AVE | Xylenes, Total | µg/kg | 0.73 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24522 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.3 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24522 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00597 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24522 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.011 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24522 NEPTUNE AVE | Benzene | µg/kg | 0.202 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24522 NEPTUNE AVE | Cobalt | mg/kg | 9.652 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24522 NEPTUNE AVE | Methylene Chloride | µg/kg | 4.9 | Max | 3.6E+05 | 5.3E+03 | 1E-05 | 9E-10 |
| 24522 NEPTUNE AVE | Naphthalene | mg/kg | 0.0105 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24522 NEPTUNE AVE | Pyrene | mg/kg | 0.0172 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24522 NEPTUNE AVE | Toluene | µg/kg | 0.238 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24522 NEPTUNE AVE | TPH as Diesel | mg/kg | 73.25 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 24522 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.1 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24522 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 460.2 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24522 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.26 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24522 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.86 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24522 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.22 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24522 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0053 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24522 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00266 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 24522 PANAMA AVE | Benzene | µg/kg | 4.724 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-05 | 2E-08 |
| 24522 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24522 PANAMA AVE | Ethylbenzene | µg/kg | 2.9 | Max | 3.3E+06 | 4.8E+03 | 9E-07 | 6E-10 |
| 24522 PANAMA AVE | Naphthalene | mg/kg | 0.0024 | Max | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24522 PANAMA AVE | Pyrene | mg/kg | 0.00649 | 95UCL | 1.7E+03 | -- | 4E-06 | -- |
| 24522 PANAMA AVE | Toluene | µg/kg | 5.226 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24522 PANAMA AVE | TPH as Diesel | mg/kg | 160 | Max | 1.3E+03 | -- | 1E-01 | -- |
| 24522 PANAMA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24522 PANAMA AVE | TPH as Motor Oil | mg/kg | 164.1 | 95UCL | 3.3E+03 | -- | 5E-02 | -- |
| 24522 PANAMA AVE | Xylenes, Total | µg/kg | 6 | Max | 5.6E+05 | -- | 1E-05 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24522 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.489 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 24522 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00599 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24522 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0195 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24522 RAVENNA AVE | Benzene | µg/kg | 0.319 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24522 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24522 RAVENNA AVE | Ethylbenzene | µg/kg | 0.21 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24522 RAVENNA AVE | Naphthalene | mg/kg | 0.00777 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24522 RAVENNA AVE | Pyrene | mg/kg | 0.057 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24522 RAVENNA AVE | Toluene | µg/kg | 0.268 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24522 RAVENNA AVE | TPH as Diesel | mg/kg | 155.1 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24522 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.12 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24522 RAVENNA AVE | TPH as Motor Oil | mg/kg | 379.3 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24522 RAVENNA AVE | Xylenes, Total | µg/kg | 0.284 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24523 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.27 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24523 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0103 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24523 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0156 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24523 MARBELLA AVE | Benzene | µg/kg | 0.307 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24523 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.54 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 2E-08 |
| 24523 MARBELLA AVE | Cobalt | mg/kg | 11.73 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24523 MARBELLA AVE | Naphthalene | mg/kg | 0.0101 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24523 MARBELLA AVE | Pyrene | mg/kg | 0.475 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24523 MARBELLA AVE | Tetrachloroethene | µg/kg | 2.7 | Max | 8.6E+04 | 5.5E+02 | 3E-05 | 5E-09 |
| 24523 MARBELLA AVE | Toluene | µg/kg | 0.243 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24523 MARBELLA AVE | TPH as Diesel | mg/kg | 35.08 | 95UCL | 1.3E+03 | -- | 3E-02 | -- |
| 24523 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.081 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24523 MARBELLA AVE | TPH as Motor Oil | mg/kg | 91.5 | 95UCL | 3.3E+03 | -- | 3E-02 | -- |
| 24523 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.379 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24523 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.011 | Max | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24523 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0179 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24523 NEPTUNE AVE | Benzene | µg/kg | 0.264 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24523 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.5 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24523 NEPTUNE AVE | Cobalt | mg/kg | 10.14 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24523 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.45 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24523 NEPTUNE AVE | Naphthalene | mg/kg | 0.00968 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24523 NEPTUNE AVE | Pyrene | mg/kg | 0.0894 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24523 NEPTUNE AVE | Toluene | µg/kg | 0.284 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24523 NEPTUNE AVE | TPH as Diesel | mg/kg | 400.2 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24523 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.083 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24523 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 924.7 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24523 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.363 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 24523 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.456 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 24523 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 1 | Max | 3.6E+06 | 2.8E+03 | 3E-07 | 4E-10 |
| 24523 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.011 | Max | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24523 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.044 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24523 RAVENNA AVE | Benzene | µg/kg | 0.281 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24523 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.11 | Max | 2.3E+02 | 1.3E+00 | 5E-04 | 9E-08 |
| 24523 RAVENNA AVE | Ethylbenzene | µg/kg | 0.94 | Max | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24523 RAVENNA AVE | Naphthalene | mg/kg | 0.0303 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24523 RAVENNA AVE | Pyrene | mg/kg | 0.211 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24523 RAVENNA AVE | Toluene | µg/kg | 0.422 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24523 RAVENNA AVE | TPH as Diesel | mg/kg | 493.1 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24523 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.087 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24523 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1076 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24523 RAVENNA AVE | Trichloroethene | µg/kg | 0.24 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24523 RAVENNA AVE | Xylenes, Total | µg/kg | 0.31 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24526 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.66 | Max | 8.3E+04 | -- | 8E-06 | -- |
| 24526 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 4.9 | Max | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24526 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 2.183 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24526 MARBELLA AVE | Benzene | µg/kg | 40.56 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-04 | 2E-07 |
| 24526 MARBELLA AVE | Bromodichloromethane | µg/kg | 5.2 | Max | 4.3E+05 | 4.9E+02 | 1E-05 | 1E-08 |
| 24526 MARBELLA AVE | Bromomethane | µg/kg | 9.2 | Max | 8.8E+03 | -- | 1E-03 | -- |
| 24526 MARBELLA AVE | Cobalt | mg/kg | 11.49 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24526 MARBELLA AVE | Ethylbenzene | µg/kg | 37 | Max | 3.3E+06 | 4.8E+03 | 1E-05 | 8E-09 |
| 24526 MARBELLA AVE | Naphthalene | mg/kg | 0.472 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-03 | 1E-07 |
| 24526 MARBELLA AVE | Pyrene | mg/kg | 0.107 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24526 MARBELLA AVE | Toluene | µg/kg | 0.448 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24526 MARBELLA AVE | TPH as Diesel | mg/kg | 2634 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24526 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.726 | 95UCL | 7.6E+02 | -- | 1E-03 | -- |
| 24526 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3930 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24526 MARBELLA AVE | Xylenes, Total | µg/kg | 0.35 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 24528 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.45 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24528 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.12 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 8E-09 |
| 24528 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0473 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24528 NEPTUNE AVE | Benzene | µg/kg | 0.628 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-06 | 3E-09 |
| 24528 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.526 | 95UCL | 1.2E+03 | 3.5E+01 | 4E-04 | 2E-08 |
| 24528 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24528 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24528 NEPTUNE AVE | Naphthalene | mg/kg | 0.00249 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24528 NEPTUNE AVE | Pyrene | mg/kg | 0.0516 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24528 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.19 | Max | 8.6E+04 | 5.5E+02 | 2E-06 | 3E-10 |
| 24528 NEPTUNE AVE | Toluene | µg/kg | 0.567 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24528 NEPTUNE AVE | TPH as Diesel | mg/kg | 456 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24528 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.914 | 95UCL | 7.6E+02 | -- | 1E-03 | -- |
| 24528 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 549.8 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24528 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.93 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 24528 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00722 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24528 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0287 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24528 PANAMA AVE | Benzene | µg/kg | 1.428 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 7E-09 |
| 24528 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.11 | Max | 1.2E+03 | 3.5E+01 | 9E-05 | 3E-09 |
| 24528 PANAMA AVE | Ethylbenzene | µg/kg | 0.15 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24528 PANAMA AVE | Naphthalene | mg/kg | 0.0119 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24528 PANAMA AVE | Pyrene | mg/kg | 0.0861 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24528 PANAMA AVE | Toluene | µg/kg | 0.88 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24528 PANAMA AVE | TPH as Diesel | mg/kg | 84.43 | 95UCL | 1.3E+03 | -- | 7E-02 | -- |
| 24528 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0628 | 95UCL | 7.6E+02 | -- | 8E-05 | -- |
| 24528 PANAMA AVE | TPH as Motor Oil | mg/kg | 543.8 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24528 PANAMA AVE | Xylenes, Total | µg/kg | 0.28 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24529 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.372 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24529 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24529 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0051 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24529 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0101 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24529 NEPTUNE AVE | Benzene | µg/kg | 2.301 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-05 | 1E-08 |
| 24529 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.28 | Max | 4.3E+05 | 4.9E+02 | 7E-07 | 6E-10 |
| 24529 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.42 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24529 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.236 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-08 | 5E-11 |
| 24529 NEPTUNE AVE | Naphthalene | mg/kg | 0.00619 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24529 NEPTUNE AVE | Pyrene | mg/kg | 0.0856 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24529 NEPTUNE AVE | Toluene | µg/kg | 1.144 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24529 NEPTUNE AVE | TPH as Diesel | mg/kg | 204.7 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24529 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.12 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24529 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 655.4 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24529 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.698 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24529 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.41 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24529 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.019 | Max | 2.3E+02 | -- | 8E-05 | -- |
| 24529 PANAMA AVE | Benzene | µg/kg | 0.36 | Max | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24529 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.64 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24529 PANAMA AVE | Naphthalene | mg/kg | 0.0059 | Max | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24529 PANAMA AVE | Pyrene | mg/kg | 0.0238 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24529 PANAMA AVE | Toluene | µg/kg | 1.1 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24529 PANAMA AVE | TPH as Diesel | mg/kg | 83 | Max | 1.3E+03 | -- | 6E-02 | -- |
| 24529 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0909 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24529 PANAMA AVE | TPH as Motor Oil | mg/kg | 103.1 | 95UCL | 3.3E+03 | -- | 3E-02 | -- |
| 24529 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.013 | Max | 4.0E+03 | 1.6E+01 | 3E-06 | 8E-10 |
| 24529 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0818 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24529 RAVENNA AVE | Benzene | µg/kg | 0.5 | Max | 6.7E+04 | 2.2E+02 | 8E-06 | 2E-09 |
| 24529 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24529 RAVENNA AVE | Bromodichloromethane | µg/kg | 1.2 | Max | 4.3E+05 | 4.9E+02 | 3E-06 | 3E-09 |
| 24529 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24529 RAVENNA AVE | Naphthalene | mg/kg | 0.0379 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24529 RAVENNA AVE | Pyrene | mg/kg | 0.187 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24529 RAVENNA AVE | Toluene | µg/kg | 1.2 | Max | 4.8E+06 | -- | 3E-07 | -- |
| 24529 RAVENNA AVE | TPH as Diesel | mg/kg | 474 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24529 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.116 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24529 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1414 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24532 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 52 | Max | 8.3E+04 | -- | 6E-04 | -- |
| 24532 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0065 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24532 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0087 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24532 MARBELLA AVE | Benzene | µg/kg | 12.7 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-04 | 6E-08 |
| 24532 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.79 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 2E-08 |
| 24532 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.17 | Max | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24532 MARBELLA AVE | Cobalt | mg/kg | 11.62 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24532 MARBELLA AVE | Ethylbenzene | µg/kg | 51 | Max | 3.3E+06 | 4.8E+03 | 2E-05 | 1E-08 |
| 24532 MARBELLA AVE | Naphthalene | mg/kg | 0.0165 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24532 MARBELLA AVE | Pyrene | mg/kg | 0.021 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24532 MARBELLA AVE | Toluene | µg/kg | 0.3 | Max | 4.8E+06 | -- | 6E-08 | -- |
| 24532 MARBELLA AVE | TPH as Diesel | mg/kg | 324.5 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24532 MARBELLA AVE | TPH as Gasoline | mg/kg | 1.5 | Max | 7.6E+02 | -- | 2E-03 | -- |
| 24532 MARBELLA AVE | TPH as Motor Oil | mg/kg | 842.6 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24532 MARBELLA AVE | Xylenes, Total | µg/kg | 53 | Max | 5.6E+05 | -- | 1E-04 | -- |
| 24532 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00227 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 24532 NEPTUNE AVE | Benzene | µg/kg | 0.457 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24532 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.67 | Max | 1.2E+03 | 3.5E+01 | 6E-04 | 2E-08 |
| 24532 NEPTUNE AVE | Naphthalene | mg/kg | 0.00138 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-06 | 4E-10 |
| 24532 NEPTUNE AVE | Pyrene | mg/kg | 0.0112 | 95UCL | 1.7E+03 | -- | 7E-06 | -- |
| 24532 NEPTUNE AVE | Toluene | µg/kg | 0.422 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24532 NEPTUNE AVE | TPH as Diesel | mg/kg | 17.92 | 95UCL | 1.3E+03 | -- | 1E-02 | -- |
| 24532 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.113 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24532 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 87.86 | 95UCL | 3.3E+03 | -- | 3E-02 | -- |
| 24532 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0058 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 24532 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0488 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24532 PANAMA AVE | Benzene | µg/kg | 0.171 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24532 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24532 PANAMA AVE | Naphthalene | mg/kg | 0.13 | Max | 1.5E+02 | 4.0E+00 | 9E-04 | 3E-08 |
| 24532 PANAMA AVE | Pyrene | mg/kg | 0.14 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |
| 24532 PANAMA AVE | TPH as Diesel | mg/kg | 144.9 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24532 PANAMA AVE | TPH as Gasoline | mg/kg | 0.071 | Max | 7.6E+02 | -- | 9E-05 | -- |
| 24532 PANAMA AVE | TPH as Motor Oil | mg/kg | 424.7 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24532 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.18 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24532 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 7E-11 |
| 24532 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00343 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-07 | 2E-10 |
| 24532 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0069 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 24532 RAVENNA AVE | Benzene | µg/kg | 0.425 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24532 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24532 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.348 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24532 RAVENNA AVE | Ethylbenzene | µg/kg | 0.26 | Max | 3.3E+06 | 4.8E+03 | 8E-08 | 5E-11 |
| 24532 RAVENNA AVE | Naphthalene | mg/kg | 0.00464 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24532 RAVENNA AVE | Pyrene | mg/kg | 0.0102 | 95UCL | 1.7E+03 | -- | 6E-06 | -- |
| 24532 RAVENNA AVE | Toluene | µg/kg | 0.274 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24532 RAVENNA AVE | TPH as Diesel | mg/kg | 52.73 | 95UCL | 1.3E+03 | -- | 4E-02 | -- |
| 24532 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24532 RAVENNA AVE | TPH as Motor Oil | mg/kg | 186.7 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |
| 24532 RAVENNA AVE | Xylenes, Total | µg/kg | 0.24 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24533 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.77 | Max | 8.3E+04 | -- | 9E-06 | -- |
| 24533 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.22 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24533 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00484 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24533 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00804 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24533 MARBELLA AVE | Benzene | µg/kg | 2.672 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-05 | 1E-08 |
| 24533 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24533 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.29 | Max | 4.3E+05 | 4.9E+02 | 7E-07 | 6E-10 |
| 24533 MARBELLA AVE | Bromomethane | µg/kg | 2.711 | 95UCL | 8.8E+03 | -- | 3E-04 | -- |
| 24533 MARBELLA AVE | Cobalt | mg/kg | 10.98 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24533 MARBELLA AVE | Ethylbenzene | µg/kg | 1.5 | Max | 3.3E+06 | 4.8E+03 | 5E-07 | 3E-10 |
| 24533 MARBELLA AVE | Naphthalene | mg/kg | 0.00623 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24533 MARBELLA AVE | Pyrene | mg/kg | 0.0186 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24533 MARBELLA AVE | Tetrachloroethene | µg/kg | 1.248 | 95UCL | 8.6E+04 | 5.5E+02 | 1E-05 | 2E-09 |
| 24533 MARBELLA AVE | Toluene | µg/kg | 15.72 | 95UCL | 4.8E+06 | -- | 3E-06 | -- |
| 24533 MARBELLA AVE | TPH as Diesel | mg/kg | 187.9 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24533 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.268 | 95UCL | 7.6E+02 | -- | 4E-04 | -- |
| 24533 MARBELLA AVE | TPH as Motor Oil | mg/kg | 380 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24533 MARBELLA AVE | Xylenes, Total | µg/kg | 13 | Max | 5.6E+05 | -- | 2E-05 | -- |
| 24533 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.014 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 9E-10 |
| 24533 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0159 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24533 PANAMA AVE | Benzene | µg/kg | 0.423 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24533 PANAMA AVE | Bromomethane | µg/kg | 1.9 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24533 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24533 PANAMA AVE | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24533 PANAMA AVE | Naphthalene | mg/kg | 0.00546 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 24533 PANAMA AVE | Pyrene | mg/kg | 0.0564 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24533 PANAMA AVE | Toluene | µg/kg | 0.246 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24533 PANAMA AVE | TPH as Diesel | mg/kg | 88.96 | 95UCL | 1.3E+03 | -- | 7E-02 | -- |
| 24533 PANAMA AVE | TPH as Gasoline | mg/kg | 0.95 | Max | 7.6E+02 | -- | 1E-03 | -- |
| 24533 PANAMA AVE | TPH as Motor Oil | mg/kg | 262.1 | 95UCL | 3.3E+03 | -- | 8E-02 | -- |
| 24533 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.442 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24533 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0022 | Max | 4.0E+03 | 1.6E+01 | 6E-07 | 1E-10 |
| 24533 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0025 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 24533 RAVENNA AVE | Benzene | µg/kg | 0.21 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24533 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.36 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24533 RAVENNA AVE | Naphthalene | mg/kg | 0.00176 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 4E-10 |
| 24533 RAVENNA AVE | Pyrene | mg/kg | 0.00417 | 95UCL | 1.7E+03 | -- | 2E-06 | -- |
| 24533 RAVENNA AVE | Toluene | µg/kg | 0.311 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24533 RAVENNA AVE | TPH as Diesel | mg/kg | 23 | Max | 1.3E+03 | -- | 2E-02 | -- |
| 24533 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.098 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24533 RAVENNA AVE | TPH as Motor Oil | mg/kg | 82 | Max | 3.3E+03 | -- | 3E-02 | -- |
| 24533 RAVENNA AVE | Xylenes, Total | µg/kg | 0.27 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24602 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00935 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24602 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0266 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24602 MARBELLA AVE | Benzene | µg/kg | 0.183 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24602 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.18 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 5E-09 |
| 24602 MARBELLA AVE | Bromomethane | µg/kg | 0.94 | Max | 8.8E+03 | -- | 1E-04 | -- |
| 24602 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.8 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24602 MARBELLA AVE | Cobalt | mg/kg | 10.16 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24602 MARBELLA AVE | Naphthalene | mg/kg | 0.0289 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24602 MARBELLA AVE | Pyrene | mg/kg | 0.171 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24602 MARBELLA AVE | Toluene | µg/kg | 0.254 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24602 MARBELLA AVE | TPH as Diesel | mg/kg | 141.2 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24602 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.107 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24602 MARBELLA AVE | TPH as Motor Oil | mg/kg | 380.5 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24602 MARBELLA AVE | Vanadium | mg/kg | 38.23 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24602 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00172 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-07 | 1E-10 |
| 24602 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00474 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24602 NEPTUNE AVE | Benzene | µg/kg | 0.276 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24602 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.262 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24602 NEPTUNE AVE | Naphthalene | mg/kg | 0.00305 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 8E-10 |
| 24602 NEPTUNE AVE | Pyrene | mg/kg | 0.0224 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24602 NEPTUNE AVE | Toluene | µg/kg | 0.326 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24602 NEPTUNE AVE | TPH as Diesel | mg/kg | 120 | Max | 1.3E+03 | -- | 9E-02 | -- |
| 24602 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.142 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24602 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 500 | Max | 3.3E+03 | -- | 2E-01 | -- |
| 24602 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.35 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24602 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.423 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24602 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00958 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24602 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0822 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24602 PANAMA AVE | Benzene | µg/kg | 0.347 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24602 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24602 PANAMA AVE | Naphthalene | mg/kg | 0.0184 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24602 PANAMA AVE | Pyrene | mg/kg | 0.347 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24602 PANAMA AVE | Toluene | µg/kg | 4.186 | 95UCL | 4.8E+06 | -- | 9E-07 | -- |
| 24602 PANAMA AVE | TPH as Diesel | mg/kg | 629.1 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24602 PANAMA AVE | TPH as Gasoline | mg/kg | 0.392 | 95UCL | 7.6E+02 | -- | 5E-04 | -- |
| 24602 PANAMA AVE | TPH as Motor Oil | mg/kg | 1738 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24602 PANAMA AVE | Xylenes, Total | µg/kg | 0.24 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24602 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.2 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24602 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0123 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 8E-10 |
| 24602 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0261 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24602 RAVENNA AVE | Benzene | µg/kg | 0.274 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24602 RAVENNA AVE | Bromomethane | µg/kg | 5.143 | 95UCL | 8.8E+03 | -- | 6E-04 | -- |
| 24602 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24602 RAVENNA AVE | Naphthalene | mg/kg | 0.0105 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24602 RAVENNA AVE | Pyrene | mg/kg | 0.103 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24602 RAVENNA AVE | Toluene | µg/kg | 1.213 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24602 RAVENNA AVE | TPH as Diesel | mg/kg | 204.4 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24602 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.22 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24602 RAVENNA AVE | TPH as Motor Oil | mg/kg | 590.3 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24603 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.208 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24603 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0032 | Max | 4.0E+03 | 1.6E+01 | 8E-07 | 2E-10 |
| 24603 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00494 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24603 MARBELLA AVE | Benzene | µg/kg | 0.526 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 2E-09 |
| 24603 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.63 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24603 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.401 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24603 MARBELLA AVE | Cobalt | mg/kg | 12.18 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24603 MARBELLA AVE | Naphthalene | mg/kg | 0.00233 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24603 MARBELLA AVE | Pyrene | mg/kg | 0.195 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24603 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.23 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 4E-10 |
| 24603 MARBELLA AVE | Toluene | µg/kg | 0.364 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24603 MARBELLA AVE | TPH as Diesel | mg/kg | 39.9 | 95UCL | 1.3E+03 | -- | 3E-02 | -- |
| 24603 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.079 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24603 MARBELLA AVE | TPH as Motor Oil | mg/kg | 145.3 | 95UCL | 3.3E+03 | -- | 4E-02 | -- |
| 24603 MARBELLA AVE | Trichloroethene | µg/kg | 0.24 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24603 MARBELLA AVE | Vanadium | mg/kg | 44.28 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24603 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 5932 | 95UCL | 8.3E+04 | -- | 7E-02 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24603 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 11000 | Max | 8.5E+04 | -- | 1E-01 | -- |
| 24603 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 3.198 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 24603 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 5.633 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24603 NEPTUNE AVE | Benzene | µg/kg | 540 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-03 | **3E-06** |
| 24603 NEPTUNE AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24603 NEPTUNE AVE | Ethylbenzene | µg/kg | 5900 | Max | 3.3E+06 | 4.8E+03 | 2E-03 | 1E-06 |
| 24603 NEPTUNE AVE | Naphthalene | mg/kg | 2.266 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24603 NEPTUNE AVE | Pyrene | mg/kg | 0.149 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24603 NEPTUNE AVE | Toluene | µg/kg | 609.6 | 95UCL | 4.8E+06 | -- | 1E-04 | -- |
| 24603 NEPTUNE AVE | TPH as Diesel | mg/kg | 2407 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24603 NEPTUNE AVE | TPH as Gasoline | mg/kg | 370.8 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24603 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2463 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24603 NEPTUNE AVE | Xylenes, Total | µg/kg | 10767 | 95UCL | 5.6E+05 | -- | 2E-02 | -- |
| 24603 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.021 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-06 | 1E-09 |
| 24603 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0549 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24603 PANAMA AVE | Benzene | µg/kg | 0.72 | Max | 6.7E+04 | 2.2E+02 | 1E-05 | 3E-09 |
| 24603 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.48 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24603 PANAMA AVE | Naphthalene | mg/kg | 0.0224 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 24603 PANAMA AVE | Pyrene | mg/kg | 0.287 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24603 PANAMA AVE | Toluene | µg/kg | 0.82 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24603 PANAMA AVE | TPH as Diesel | mg/kg | 181.6 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24603 PANAMA AVE | TPH as Gasoline | mg/kg | 0.18 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24603 PANAMA AVE | TPH as Motor Oil | mg/kg | 451.6 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24603 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.62 | Max | 8.3E+04 | -- | 8E-06 | -- |
| 24603 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.091 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24603 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.29 | Max | 4.0E+03 | 1.6E+01 | 7E-05 | 2E-08 |
| 24603 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.235 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24603 RAVENNA AVE | Benzene | µg/kg | 0.219 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24603 RAVENNA AVE | Bromomethane | µg/kg | 1.7 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24603 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.79 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24603 RAVENNA AVE | Ethylbenzene | µg/kg | 0.37 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 8E-11 |
| 24603 RAVENNA AVE | Methylene Chloride | µg/kg | 360 | Max | 3.6E+05 | 5.3E+03 | 1E-03 | 7E-08 |
| 24603 RAVENNA AVE | Naphthalene | mg/kg | 0.216 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 5E-08 |
| 24603 RAVENNA AVE | Pyrene | mg/kg | 0.47 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24603 RAVENNA AVE | Thallium | mg/kg | 3.118 | 95UCL | 7.8E-01 | -- | **4E+00** | -- |
| 24603 RAVENNA AVE | Toluene | µg/kg | 11.17 | 95UCL | 4.8E+06 | -- | 2E-06 | -- |
| 24603 RAVENNA AVE | TPH as Diesel | mg/kg | 1955 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24603 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.109 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24603 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4877 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24603 RAVENNA AVE | Xylenes, Total | µg/kg | 0.553 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24606 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.225 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24606 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.52 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 2E-10 |
| 24606 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00472 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24606 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00854 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24606 MARBELLA AVE | Benzene | µg/kg | 0.269 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24606 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.13 | Max | 4.3E+05 | 4.9E+02 | 3E-07 | 3E-10 |
| 24606 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.8 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24606 MARBELLA AVE | Cobalt | mg/kg | 11.7 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24606 MARBELLA AVE | Ethylbenzene | µg/kg | 0.23 | Max | 3.3E+06 | 4.8E+03 | 7E-08 | 5E-11 |
| 24606 MARBELLA AVE | Naphthalene | mg/kg | 0.004 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24606 MARBELLA AVE | Pyrene | mg/kg | 0.0149 | 95UCL | 1.7E+03 | -- | 9E-06 | -- |
| 24606 MARBELLA AVE | Toluene | µg/kg | 0.356 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24606 MARBELLA AVE | TPH as Diesel | mg/kg | 256.8 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24606 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.108 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24606 MARBELLA AVE | TPH as Motor Oil | mg/kg | 531.6 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24606 MARBELLA AVE | Xylenes, Total | µg/kg | 0.468 | 95UCL | 5.6E+05 | -- | 8E-07 | -- |
| 24607 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00584 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24607 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0129 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24607 MARBELLA AVE | Benzene | µg/kg | 0.481 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24607 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1 | Max | 1.2E+03 | 3.5E+01 | 8E-04 | 3E-08 |
| 24607 MARBELLA AVE | Cobalt | mg/kg | 12.5 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24607 MARBELLA AVE | Naphthalene | mg/kg | 0.00669 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24607 MARBELLA AVE | Pyrene | mg/kg | 0.408 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24607 MARBELLA AVE | Toluene | µg/kg | 0.367 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24607 MARBELLA AVE | TPH as Diesel | mg/kg | 189.6 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24607 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.076 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24607 MARBELLA AVE | TPH as Motor Oil | mg/kg | 374.5 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24608 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 790 | Max | 8.3E+04 | -- | 1E-02 | -- |
| 24608 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 310 | Max | 8.5E+04 | -- | 4E-03 | -- |
| 24608 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.241 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 8E-08 |
| 24608 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.7 | 95UCL | 2.3E+02 | -- | 7E-03 | -- |
| 24608 NEPTUNE AVE | Benzene | µg/kg | 0.44 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24608 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 3.2 | 95UCL | 1.2E+03 | 3.5E+01 | 3E-03 | 9E-08 |
| 24608 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.84 | Max | 2.3E+02 | 1.3E+00 | 4E-03 | 7E-07 |
| 24608 NEPTUNE AVE | Ethylbenzene | µg/kg | 46 | Max | 3.3E+06 | 4.8E+03 | 1E-05 | 1E-08 |
| 24608 NEPTUNE AVE | Naphthalene | mg/kg | 0.79 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-03 | 2E-07 |
| 24608 NEPTUNE AVE | Pyrene | mg/kg | 0.0727 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24608 NEPTUNE AVE | Toluene | µg/kg | 0.41 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24608 NEPTUNE AVE | TPH as Diesel | mg/kg | 5235 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24608 NEPTUNE AVE | TPH as Gasoline | mg/kg | 113 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24608 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5226 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24608 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.34 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24608 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.17 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24608 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.024 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 2E-09 |
| 24608 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 1.6 | Max | 1.2E+02 | 1.6E+00 | 1E-02 | 1E-06 |
| 24608 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0378 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24608 PANAMA AVE | Benzene | µg/kg | 0.257 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24608 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24608 PANAMA AVE | Naphthalene | mg/kg | 0.0157 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24608 PANAMA AVE | Pyrene | mg/kg | 0.161 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24608 PANAMA AVE | Thallium | mg/kg | 2.228 | 95UCL | 7.8E-01 | -- | **3E+00** | -- |
| 24608 PANAMA AVE | Toluene | µg/kg | 0.572 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24608 PANAMA AVE | TPH as Diesel | mg/kg | 100.9 | 95UCL | 1.3E+03 | -- | 8E-02 | -- |
| 24608 PANAMA AVE | TPH as Gasoline | mg/kg | 0.14 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24608 PANAMA AVE | TPH as Motor Oil | mg/kg | 295 | 95UCL | 3.3E+03 | -- | 9E-02 | -- |
| 24608 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.24 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24608 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0068 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24608 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0424 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24608 RAVENNA AVE | Benzene | µg/kg | 0.369 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24608 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 24608 RAVENNA AVE | Bromomethane | µg/kg | 2.7 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24608 RAVENNA AVE | Ethylbenzene | µg/kg | 0.41 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24608 RAVENNA AVE | Naphthalene | mg/kg | 0.0399 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24608 RAVENNA AVE | Pyrene | mg/kg | 1.313 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24608 RAVENNA AVE | Toluene | µg/kg | 0.466 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24608 RAVENNA AVE | TPH as Diesel | mg/kg | 1733 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24608 RAVENNA AVE | TPH as Gasoline | mg/kg | 17.25 | 95UCL | 7.6E+02 | -- | 2E-02 | -- |
| 24608 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2589 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24608 RAVENNA AVE | Xylenes, Total | µg/kg | 0.26 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24609 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 2051 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24609 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 4900 | Max | 8.5E+04 | -- | 6E-02 | -- |
| 24609 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.719 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 5E-08 |
| 24609 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.686 | 95UCL | 2.3E+02 | -- | 7E-03 | -- |
| 24609 NEPTUNE AVE | Benzene | µg/kg | 351 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-03 | **2E-06** |
| 24609 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 3.5 | Max | 1.2E+03 | 3.5E+01 | 3E-03 | 1E-07 |
| 24609 NEPTUNE AVE | Bromomethane | µg/kg | 2.7 | Max | 8.8E+03 | -- | 3E-04 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24609 NEPTUNE AVE | Ethylbenzene | µg/kg | 3100 | Max | 3.3E+06 | 4.8E+03 | 1E-03 | 7E-07 |
| 24609 NEPTUNE AVE | Naphthalene | mg/kg | 1.283 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-03 | 3E-07 |
| 24609 NEPTUNE AVE | Pyrene | mg/kg | 0.0753 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24609 NEPTUNE AVE | Toluene | µg/kg | 55.84 | 95UCL | 4.8E+06 | -- | 1E-05 | -- |
| 24609 NEPTUNE AVE | TPH as Diesel | mg/kg | 2743 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24609 NEPTUNE AVE | TPH as Gasoline | mg/kg | 554.2 | 95UCL | 7.6E+02 | -- | 7E-01 | -- |
| 24609 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3265 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24609 NEPTUNE AVE | Xylenes, Total | µg/kg | 7324 | 95UCL | 5.6E+05 | -- | 1E-02 | -- |
| 24609 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.7 | Max | 8.3E+04 | -- | 2E-05 | -- |
| 24609 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0012 | Max | 4.0E+03 | 1.6E+01 | 3E-07 | 8E-11 |
| 24609 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00487 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24609 PANAMA AVE | Benzene | µg/kg | 0.627 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-06 | 3E-09 |
| 24609 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24609 PANAMA AVE | Ethylbenzene | µg/kg | 0.33 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 7E-11 |
| 24609 PANAMA AVE | Naphthalene | mg/kg | 0.00225 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24609 PANAMA AVE | Pyrene | mg/kg | 0.0179 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24609 PANAMA AVE | Toluene | µg/kg | 0.404 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24609 PANAMA AVE | TPH as Diesel | mg/kg | 506.3 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24609 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0754 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24609 PANAMA AVE | TPH as Motor Oil | mg/kg | 1106 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24609 PANAMA AVE | Xylenes, Total | µg/kg | 0.75 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24609 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.53 | Max | 8.3E+04 | -- | 6E-06 | -- |
| 24609 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.084 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24609 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00348 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-07 | 2E-10 |
| 24609 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00712 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 24609 RAVENNA AVE | Benzene | µg/kg | 0.304 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24609 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24609 RAVENNA AVE | Naphthalene | mg/kg | 0.00223 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24609 RAVENNA AVE | Pyrene | mg/kg | 0.0243 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24609 RAVENNA AVE | Toluene | µg/kg | 0.356 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24609 RAVENNA AVE | TPH as Diesel | mg/kg | 800 | Max | 1.3E+03 | -- | 6E-01 | -- |
| 24609 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0754 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24609 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2000 | Max | 3.3E+03 | -- | 6E-01 | -- |
| 24609 RAVENNA AVE | Xylenes, Total | µg/kg | 0.477 | 95UCL | 5.6E+05 | -- | 9E-07 | -- |
| 24612 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.21 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24612 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.18 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24612 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.188 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-05 | 1E-08 |
| 24612 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0909 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24612 MARBELLA AVE | Benzene | µg/kg | 0.217 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24612 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.86 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 3E-08 |
| 24612 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24612 MARBELLA AVE | Cobalt | mg/kg | 11.46 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24612 MARBELLA AVE | Ethylbenzene | µg/kg | 0.59 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24612 MARBELLA AVE | Naphthalene | mg/kg | 0.0823 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-04 | 2E-08 |
| 24612 MARBELLA AVE | Pyrene | mg/kg | 0.199 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24612 MARBELLA AVE | Toluene | µg/kg | 0.281 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24612 MARBELLA AVE | TPH as Diesel | mg/kg | 916.8 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24612 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.082 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24612 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1351 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24612 MARBELLA AVE | Xylenes, Total | µg/kg | 0.36 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24612 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0043 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24612 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0085 | Max | 2.3E+02 | -- | 4E-05 | -- |
| 24612 NEPTUNE AVE | Benzene | µg/kg | 0.29 | Max | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24612 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 0.016 | Max | -- | 1.6E+00 | -- | 1E-08 |
| 24612 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.025 | Max | -- | 1.6E-01 | -- | 2E-07 |
| 24612 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.021 | Max | -- | 1.6E+00 | -- | 1E-08 |
| 24612 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.011 | Max | -- | 1.6E+00 | -- | 7E-09 |
| 24612 NEPTUNE AVE | Chrysene | mg/kg | 0.041 | Max | -- | 1.6E+01 | -- | 3E-09 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24612 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.0009 | Max | -- | 1.1E-01 | -- | 8E-09 |
| 24612 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0017 | Max | -- | 1.6E+00 | -- | 1E-09 |
| 24612 NEPTUNE AVE | Naphthalene | mg/kg | 0.0046 | Max | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24612 NEPTUNE AVE | Pyrene | mg/kg | 0.029 | Max | 1.7E+03 | -- | 2E-05 | -- |
| 24612 NEPTUNE AVE | Toluene | µg/kg | 0.24 | Max | 4.8E+06 | -- | 5E-08 | -- |
| 24612 NEPTUNE AVE | TPH as Diesel | mg/kg | 150 | Max | 1.3E+03 | -- | 1E-01 | -- |
| 24612 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 380 | Max | 3.3E+03 | -- | 1E-01 | -- |
| 24612 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00722 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24612 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0345 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24612 PANAMA AVE | Benzene | µg/kg | 0.279 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24612 PANAMA AVE | Ethylbenzene | µg/kg | 0.17 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 4E-11 |
| 24612 PANAMA AVE | Naphthalene | mg/kg | 0.126 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24612 PANAMA AVE | Pyrene | mg/kg | 0.253 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24612 PANAMA AVE | Toluene | µg/kg | 0.56 | Max | 4.8E+06 | -- | 1E-07 | -- |
| 24612 PANAMA AVE | TPH as Diesel | mg/kg | 86.77 | 95UCL | 1.3E+03 | -- | 7E-02 | -- |
| 24612 PANAMA AVE | TPH as Gasoline | mg/kg | 0.09 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24612 PANAMA AVE | TPH as Motor Oil | mg/kg | 289 | 95UCL | 3.3E+03 | -- | 9E-02 | -- |
| 24612 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.204 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24612 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00772 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24612 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0393 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24612 RAVENNA AVE | Benzene | µg/kg | 0.454 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24612 RAVENNA AVE | Bromomethane | µg/kg | 2 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24612 RAVENNA AVE | Ethylbenzene | µg/kg | 0.251 | 95UCL | 3.3E+06 | 4.8E+03 | 8E-08 | 5E-11 |
| 24612 RAVENNA AVE | Naphthalene | mg/kg | 0.00963 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24612 RAVENNA AVE | Pyrene | mg/kg | 0.16 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24612 RAVENNA AVE | Toluene | µg/kg | 0.341 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24612 RAVENNA AVE | TPH as Diesel | mg/kg | 369.1 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24612 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.14 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24612 RAVENNA AVE | TPH as Motor Oil | mg/kg | 684.7 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24612 RAVENNA AVE | Xylenes, Total | µg/kg | 0.342 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 24613 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2.1 | Max | 8.3E+04 | -- | 3E-05 | -- |
| 24613 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.51 | Max | 8.5E+04 | -- | 6E-06 | -- |
| 24613 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.009 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24613 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00303 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 24613 MARBELLA AVE | Benzene | µg/kg | 2.639 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-05 | 1E-08 |
| 24613 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.48 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24613 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24613 MARBELLA AVE | Cobalt | mg/kg | 12.06 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24613 MARBELLA AVE | Ethylbenzene | µg/kg | 0.99 | Max | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24613 MARBELLA AVE | Naphthalene | mg/kg | 0.0042 | Max | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24613 MARBELLA AVE | Pyrene | mg/kg | 0.078 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24613 MARBELLA AVE | Toluene | µg/kg | 1.546 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24613 MARBELLA AVE | TPH as Diesel | mg/kg | 49.58 | 95UCL | 1.3E+03 | -- | 4E-02 | -- |
| 24613 MARBELLA AVE | TPH as Gasoline | mg/kg | 3.144 | 95UCL | 7.6E+02 | -- | 4E-03 | -- |
| 24613 MARBELLA AVE | TPH as Motor Oil | mg/kg | 192.1 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |
| 24613 MARBELLA AVE | Vanadium | mg/kg | 41.63 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24613 MARBELLA AVE | Xylenes, Total | µg/kg | 6.3 | Max | 5.6E+05 | -- | 1E-05 | -- |
| 24613 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.99 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24613 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.244 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 8E-08 |
| 24613 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 11.12 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24613 NEPTUNE AVE | Benzene | µg/kg | 0.557 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 3E-09 |
| 24613 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.75 | Max | 1.2E+03 | 3.5E+01 | 6E-04 | 2E-08 |
| 24613 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24613 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.74 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 2E-10 |
| 24613 NEPTUNE AVE | Naphthalene | mg/kg | 2.693 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 7E-07 |
| 24613 NEPTUNE AVE | Pyrene | mg/kg | 1.348 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24613 NEPTUNE AVE | Toluene | µg/kg | 0.25 | Max | 4.8E+06 | -- | 5E-08 | -- |
| 24613 NEPTUNE AVE | TPH as Diesel | mg/kg | 6875 | 95UCL | 1.3E+03 | -- | **5E+00** | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24613 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.106 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24613 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5989 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24613 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.311 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24613 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24613 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24613 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.008 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24613 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.012 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24613 PANAMA AVE | Benzene | µg/kg | 1.156 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 5E-09 |
| 24613 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24613 PANAMA AVE | Ethylbenzene | µg/kg | 0.319 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-07 | 7E-11 |
| 24613 PANAMA AVE | Naphthalene | mg/kg | 0.00176 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 4E-10 |
| 24613 PANAMA AVE | Pyrene | mg/kg | 0.0431 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24613 PANAMA AVE | Toluene | µg/kg | 0.884 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24613 PANAMA AVE | TPH as Diesel | mg/kg | 453.5 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24613 PANAMA AVE | TPH as Gasoline | mg/kg | 0.113 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24613 PANAMA AVE | TPH as Motor Oil | mg/kg | 647.9 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24613 PANAMA AVE | Trichloroethene | µg/kg | 0.15 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 1E-10 |
| 24613 PANAMA AVE | Vinyl Chloride | µg/kg | 0.23 | Max | 7.4E+04 | 3.2E+01 | 3E-06 | 7E-09 |
| 24613 PANAMA AVE | Xylenes, Total | µg/kg | 0.523 | 95UCL | 5.6E+05 | -- | 9E-07 | -- |
| 24613 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 14.21 | 95UCL | 8.3E+04 | -- | 2E-04 | -- |
| 24613 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 11 | Max | 8.5E+04 | -- | 1E-04 | -- |
| 24613 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1 | Max | 4.0E+03 | 1.6E+01 | 3E-04 | 6E-08 |
| 24613 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.207 | 95UCL | 2.3E+02 | -- | 9E-04 | -- |
| 24613 RAVENNA AVE | Benzene | µg/kg | 0.334 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24613 RAVENNA AVE | Bromomethane | µg/kg | 1.5 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24613 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.2 | Max | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24613 RAVENNA AVE | Ethylbenzene | µg/kg | 1 | Max | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24613 RAVENNA AVE | Naphthalene | mg/kg | 0.0326 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24613 RAVENNA AVE | Pyrene | mg/kg | 0.0996 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24613 RAVENNA AVE | Toluene | µg/kg | 0.448 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24613 RAVENNA AVE | TPH as Diesel | mg/kg | 593.5 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24613 RAVENNA AVE | TPH as Gasoline | mg/kg | 79.94 | 95UCL | 7.6E+02 | -- | 1E-01 | -- |
| 24613 RAVENNA AVE | TPH as Motor Oil | mg/kg | 841.3 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24613 RAVENNA AVE | Xylenes, Total | µg/kg | 0.629 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24616 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3.584 | 95UCL | 8.3E+04 | -- | 4E-05 | -- |
| 24616 MARBELLA AVE | 1,2-Dichloropropane | µg/kg | 0.31 | Max | 1.5E+04 | 8.3E+02 | 2E-05 | 4E-10 |
| 24616 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.4 | Max | 8.5E+04 | -- | 5E-06 | -- |
| 24616 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.188 | 95UCL | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24616 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 1.25 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 8E-08 |
| 24616 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 1.73 | 95UCL | 2.3E+02 | -- | 8E-03 | -- |
| 24616 MARBELLA AVE | Benzene | µg/kg | 2.258 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-05 | 1E-08 |
| 24616 MARBELLA AVE | Benzo (a) Anthracene | mg/kg | 0.0885 | 95UCL | -- | 1.6E+00 | -- | 6E-08 |
| 24616 MARBELLA AVE | Benzo (a) Pyrene | mg/kg | 0.0498 | 95UCL | -- | 1.6E-01 | -- | 3E-07 |
| 24616 MARBELLA AVE | Benzo (b) Fluoranthene | mg/kg | 0.0327 | 95UCL | -- | 1.6E+00 | -- | 2E-08 |
| 24616 MARBELLA AVE | Benzo (k) Fluoranthene | mg/kg | 0.0104 | 95UCL | -- | 1.6E+00 | -- | 7E-09 |
| 24616 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24616 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.88 | Max | 2.3E+02 | 1.3E+00 | 4E-03 | 7E-07 |
| 24616 MARBELLA AVE | Chrysene | mg/kg | 0.25 | 95UCL | -- | 1.6E+01 | -- | 2E-08 |
| 24616 MARBELLA AVE | Cobalt | mg/kg | 10.76 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24616 MARBELLA AVE | Dibenz (a,h) Anthracene | mg/kg | 0.012 | 95UCL | -- | 1.1E-01 | -- | 1E-07 |
| 24616 MARBELLA AVE | Ethylbenzene | µg/kg | 4.988 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-06 | 1E-09 |
| 24616 MARBELLA AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0176 | 95UCL | -- | 1.6E+00 | -- | 1E-08 |
| 24616 MARBELLA AVE | Naphthalene | mg/kg | 0.611 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-03 | 2E-07 |
| 24616 MARBELLA AVE | Pyrene | mg/kg | 0.316 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24616 MARBELLA AVE | Toluene | µg/kg | 0.366 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24616 MARBELLA AVE | TPH as Diesel | mg/kg | 1877 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24616 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.108 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24616 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2119 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24616 MARBELLA AVE | Trichloroethene | µg/kg | 0.24 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24616 MARBELLA AVE | Xylenes, Total | µg/kg | 1.178 | 95UCL | 5.6E+05 | -- | 2E-06 | -- |
| 24617 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0017 | Max | 4.0E+03 | 1.6E+01 | 4E-07 | 1E-10 |
| 24617 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0035 | Max | 2.3E+02 | -- | 2E-05 | -- |
| 24617 MARBELLA AVE | Benzene | µg/kg | 0.417 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24617 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24617 MARBELLA AVE | Cobalt | mg/kg | 13.48 | 95UCL | 2.3E+01 | 3.1E+04 | 6E-01 | 4E-10 |
| 24617 MARBELLA AVE | Naphthalene | mg/kg | 0.0015 | Max | 1.5E+02 | 4.0E+00 | 1E-05 | 4E-10 |
| 24617 MARBELLA AVE | Pyrene | mg/kg | 0.00577 | 95UCL | 1.7E+03 | -- | 3E-06 | -- |
| 24617 MARBELLA AVE | Thallium | mg/kg | 0.641 | 95UCL | 7.8E-01 | -- | 8E-01 | -- |
| 24617 MARBELLA AVE | Toluene | µg/kg | 0.487 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24617 MARBELLA AVE | TPH as Diesel | mg/kg | 27.44 | 95UCL | 1.3E+03 | -- | 2E-02 | -- |
| 24617 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.051 | Max | 7.6E+02 | -- | 7E-05 | -- |
| 24617 MARBELLA AVE | TPH as Motor Oil | mg/kg | 84.61 | 95UCL | 3.3E+03 | -- | 3E-02 | -- |
| 24617 MARBELLA AVE | Vanadium | mg/kg | 49 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24617 MARBELLA AVE | Xylenes, Total | µg/kg | 0.77 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24618 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.6 | Max | 8.3E+04 | -- | 7E-06 | -- |
| 24618 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00897 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24618 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.05 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24618 NEPTUNE AVE | Benzene | µg/kg | 0.661 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 3E-09 |
| 24618 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24618 NEPTUNE AVE | Bromomethane | µg/kg | 1.9 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24618 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.29 | Max | 3.3E+06 | 4.8E+03 | 9E-08 | 6E-11 |
| 24618 NEPTUNE AVE | Naphthalene | mg/kg | 0.0115 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24618 NEPTUNE AVE | Pyrene | mg/kg | 0.133 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |
| 24618 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.2 | Max | 8.6E+04 | 5.5E+02 | 2E-06 | 4E-10 |
| 24618 NEPTUNE AVE | Toluene | µg/kg | 0.55 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24618 NEPTUNE AVE | TPH as Diesel | mg/kg | 249.1 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24618 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.104 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24618 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 617.2 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24618 NEPTUNE AVE | Xylenes, Total | µg/kg | 1 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 24618 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.399 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24618 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.15 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24618 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.192 | 95UCL | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24618 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.654 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 4E-08 |
| 24618 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.269 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24618 PANAMA AVE | Benzene | µg/kg | 0.469 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24618 PANAMA AVE | Ethylbenzene | µg/kg | 0.48 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24618 PANAMA AVE | Naphthalene | mg/kg | 0.11 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-04 | 3E-08 |
| 24618 PANAMA AVE | Pyrene | mg/kg | 2.484 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24618 PANAMA AVE | Toluene | µg/kg | 0.904 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24618 PANAMA AVE | TPH as Diesel | mg/kg | 3040 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24618 PANAMA AVE | TPH as Gasoline | mg/kg | 0.072 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24618 PANAMA AVE | TPH as Motor Oil | mg/kg | 5336 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24618 PANAMA AVE | Trichloroethene | µg/kg | 0.42 | Max | 5.8E+03 | 1.2E+03 | 7E-05 | 4E-10 |
| 24618 PANAMA AVE | Xylenes, Total | µg/kg | 0.612 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24618 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00617 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24618 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00712 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 24618 RAVENNA AVE | Benzene | µg/kg | 0.289 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24618 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24618 RAVENNA AVE | Naphthalene | mg/kg | 0.0142 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 4E-09 |
| 24618 RAVENNA AVE | Pyrene | mg/kg | 0.0213 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24618 RAVENNA AVE | Toluene | µg/kg | 0.284 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24618 RAVENNA AVE | TPH as Diesel | mg/kg | 81.15 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 24618 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0762 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24618 RAVENNA AVE | TPH as Motor Oil | mg/kg | 270.2 | 95UCL | 3.3E+03 | -- | 8E-02 | -- |
| 24618 RAVENNA AVE | Xylenes, Total | µg/kg | 0.2 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24619 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.23 | Max | 8.3E+04 | -- | 3E-06 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24619 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.14 | Max | 3.6E+06 | 2.8E+03 | 4E-08 | 5E-11 |
| 24619 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0045 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24619 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00943 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24619 NEPTUNE AVE | Benzene | µg/kg | 0.336 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24619 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.917 | 95UCL | 1.2E+03 | 3.5E+01 | 8E-04 | 3E-08 |
| 24619 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.8 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24619 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.18 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24619 NEPTUNE AVE | Naphthalene | mg/kg | 0.00348 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 9E-10 |
| 24619 NEPTUNE AVE | Pyrene | mg/kg | 0.0275 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24619 NEPTUNE AVE | Toluene | µg/kg | 0.206 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24619 NEPTUNE AVE | TPH as Diesel | mg/kg | 505.7 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24619 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.2 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24619 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1315 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24619 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.31 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24619 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0112 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24619 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0507 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24619 PANAMA AVE | Benzene | µg/kg | 0.271 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24619 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.65 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24619 PANAMA AVE | Ethylbenzene | µg/kg | 0.14 | Max | 3.3E+06 | 4.8E+03 | 4E-08 | 3E-11 |
| 24619 PANAMA AVE | Naphthalene | mg/kg | 0.0815 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-04 | 2E-08 |
| 24619 PANAMA AVE | Pyrene | mg/kg | 0.219 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24619 PANAMA AVE | Toluene | µg/kg | 0.255 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24619 PANAMA AVE | TPH as Diesel | mg/kg | 287.4 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24619 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0993 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24619 PANAMA AVE | TPH as Motor Oil | mg/kg | 1126 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24619 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.411 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24619 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.24 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24619 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00643 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24619 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0327 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24619 RAVENNA AVE | Benzene | µg/kg | 0.453 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24619 RAVENNA AVE | Bromomethane | µg/kg | 1.7 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24619 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24619 RAVENNA AVE | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24619 RAVENNA AVE | Naphthalene | mg/kg | 0.0154 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24619 RAVENNA AVE | Pyrene | mg/kg | 0.102 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24619 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.97 | Max | 8.6E+04 | 5.5E+02 | 1E-05 | 2E-09 |
| 24619 RAVENNA AVE | Toluene | µg/kg | 0.594 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24619 RAVENNA AVE | TPH as Diesel | mg/kg | 77.81 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 24619 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.286 | 95UCL | 7.6E+02 | -- | 4E-04 | -- |
| 24619 RAVENNA AVE | TPH as Motor Oil | mg/kg | 204.3 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |
| 24619 RAVENNA AVE | Xylenes, Total | µg/kg | 1.107 | 95UCL | 5.6E+05 | -- | 2E-06 | -- |
| 24622 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.439 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24622 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.2 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24622 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.46 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 2E-10 |
| 24622 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.006 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24622 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0053 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24622 MARBELLA AVE | Benzene | µg/kg | 0.427 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24622 MARBELLA AVE | Benzo (a) Anthracene | mg/kg | 0.0152 | 95UCL | -- | 1.6E+00 | -- | 1E-08 |
| 24622 MARBELLA AVE | Benzo (a) Pyrene | mg/kg | 0.012 | 95UCL | -- | 1.6E-01 | -- | 8E-08 |
| 24622 MARBELLA AVE | Benzo (b) Fluoranthene | mg/kg | 0.00793 | 95UCL | -- | 1.6E+00 | -- | 5E-09 |
| 24622 MARBELLA AVE | Benzo (k) Fluoranthene | mg/kg | 0.026 | Max | -- | 1.6E+00 | -- | 2E-08 |
| 24622 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.4 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24622 MARBELLA AVE | Bromomethane | µg/kg | 1.8 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24622 MARBELLA AVE | Chrysene | mg/kg | 0.0333 | 95UCL | -- | 1.6E+01 | -- | 2E-09 |
| 24622 MARBELLA AVE | Cobalt | mg/kg | 12.04 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24622 MARBELLA AVE | Dibenz (a,h) Anthracene | mg/kg | 0.014 | Max | -- | 1.1E-01 | -- | 1E-07 |
| 24622 MARBELLA AVE | Ethylbenzene | µg/kg | 0.41 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24622 MARBELLA AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0104 | 95UCL | -- | 1.6E+00 | -- | 7E-09 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24622 MARBELLA AVE | Naphthalene | mg/kg | 0.00191 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 24622 MARBELLA AVE | Pyrene | mg/kg | 0.0239 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24622 MARBELLA AVE | Toluene | µg/kg | 1.425 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24622 MARBELLA AVE | TPH as Diesel | mg/kg | 125.5 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24622 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.118 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24622 MARBELLA AVE | TPH as Motor Oil | mg/kg | 502.8 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24622 MARBELLA AVE | Vanadium | mg/kg | 41.45 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24622 MARBELLA AVE | Xylenes, Total | µg/kg | 0.473 | 95UCL | 5.6E+05 | -- | 9E-07 | -- |
| 24622 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.217 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24622 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00674 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24622 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.018 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24622 NEPTUNE AVE | Benzene | µg/kg | 0.198 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24622 NEPTUNE AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24622 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24622 NEPTUNE AVE | Naphthalene | mg/kg | 0.0462 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24622 NEPTUNE AVE | Pyrene | mg/kg | 0.0485 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24622 NEPTUNE AVE | Toluene | µg/kg | 0.267 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24622 NEPTUNE AVE | TPH as Diesel | mg/kg | 603.7 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24622 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.057 | Max | 7.6E+02 | -- | 8E-05 | -- |
| 24622 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1325 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24622 NEPTUNE AVE | Vinyl Chloride | µg/kg | 0.19 | Max | 7.4E+04 | 3.2E+01 | 3E-06 | 6E-09 |
| 24622 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.25 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24623 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00381 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 2E-10 |
| 24623 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0113 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24623 MARBELLA AVE | Benzene | µg/kg | 0.191 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24623 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24623 MARBELLA AVE | Cobalt | mg/kg | 12.02 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24623 MARBELLA AVE | Naphthalene | mg/kg | 0.00407 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24623 MARBELLA AVE | Pyrene | mg/kg | 0.00988 | 95UCL | 1.7E+03 | -- | 6E-06 | -- |
| 24623 MARBELLA AVE | Toluene | µg/kg | 0.34 | Max | 4.8E+06 | -- | 7E-08 | -- |
| 24623 MARBELLA AVE | TPH as Diesel | mg/kg | 35.13 | 95UCL | 1.3E+03 | -- | 3E-02 | -- |
| 24623 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.12 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24623 MARBELLA AVE | TPH as Motor Oil | mg/kg | 160.5 | 95UCL | 3.3E+03 | -- | 5E-02 | -- |
| 24623 MARBELLA AVE | Vanadium | mg/kg | 42.64 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24623 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.16 | Max | 3.6E+06 | 2.8E+03 | 4E-08 | 6E-11 |
| 24623 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.021 | Max | 4.0E+03 | 1.6E+01 | 5E-06 | 1E-09 |
| 24623 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0309 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24623 NEPTUNE AVE | Benzene | µg/kg | 0.359 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24623 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 0.0548 | 95UCL | -- | 1.6E+00 | -- | 4E-08 |
| 24623 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.0518 | 95UCL | -- | 1.6E-01 | -- | 3E-07 |
| 24623 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.0371 | 95UCL | -- | 1.6E+00 | -- | 2E-08 |
| 24623 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.017 | Max | -- | 1.6E+00 | -- | 1E-08 |
| 24623 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.36 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24623 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.21 | Max | 4.3E+05 | 4.9E+02 | 5E-07 | 4E-10 |
| 24623 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24623 NEPTUNE AVE | Chrysene | mg/kg | 0.228 | 95UCL | -- | 1.6E+01 | -- | 2E-08 |
| 24623 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.0135 | 95UCL | -- | 1.1E-01 | -- | 1E-07 |
| 24623 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.19 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24623 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0183 | 95UCL | -- | 1.6E+00 | -- | 1E-08 |
| 24623 NEPTUNE AVE | Naphthalene | mg/kg | 0.015 | Max | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24623 NEPTUNE AVE | Pyrene | mg/kg | 0.0948 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24623 NEPTUNE AVE | Toluene | µg/kg | 0.606 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24623 NEPTUNE AVE | TPH as Diesel | mg/kg | 1225 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24623 NEPTUNE AVE | TPH as Gasoline | mg/kg | 68 | Max | 7.6E+02 | -- | 9E-02 | -- |
| 24623 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2302 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24623 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.47 | Max | 5.6E+05 | -- | 8E-07 | -- |
| 24627 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.398 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24627 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0265 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-06 | 2E-09 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24627 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0621 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24627 MARBELLA AVE | Benzene | µg/kg | 0.4 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24627 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24627 MARBELLA AVE | Cobalt | mg/kg | 12.86 | 95UCL | 2.3E+01 | 3.1E+04 | 6E-01 | 4E-10 |
| 24627 MARBELLA AVE | Ethylbenzene | µg/kg | 0.59 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24627 MARBELLA AVE | Naphthalene | mg/kg | 0.00815 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24627 MARBELLA AVE | Pyrene | mg/kg | 0.0722 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24627 MARBELLA AVE | Toluene | µg/kg | 1.663 | 95UCL | 4.8E+06 | -- | 4E-07 | -- |
| 24627 MARBELLA AVE | TPH as Diesel | mg/kg | 491.8 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24627 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.199 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24627 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1106 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24627 MARBELLA AVE | Vanadium | mg/kg | 44.04 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24627 MARBELLA AVE | Xylenes, Total | µg/kg | 0.245 | 95UCL | 5.6E+05 | -- | 4E-07 | -- |
| 24628 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.3 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24628 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.014 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-06 | 9E-10 |
| 24628 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00878 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24628 MARBELLA AVE | Benzene | µg/kg | 0.212 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24628 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.45 | Max | 4.3E+05 | 4.9E+02 | 1E-06 | 9E-10 |
| 24628 MARBELLA AVE | Bromomethane | µg/kg | 169.9 | 95UCL | 8.8E+03 | -- | 2E-02 | -- |
| 24628 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 1.5 | Max | 2.3E+02 | 1.3E+00 | 6E-03 | 1E-06 |
| 24628 MARBELLA AVE | Cobalt | mg/kg | 11.79 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24628 MARBELLA AVE | Ethylbenzene | µg/kg | 0.37 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 8E-11 |
| 24628 MARBELLA AVE | Methylene Chloride | µg/kg | 2100 | Max | 3.6E+05 | 5.3E+03 | 6E-03 | 4E-07 |
| 24628 MARBELLA AVE | Naphthalene | mg/kg | 0.004 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24628 MARBELLA AVE | Pyrene | mg/kg | 0.0225 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24628 MARBELLA AVE | Toluene | µg/kg | 0.247 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24628 MARBELLA AVE | TPH as Diesel | mg/kg | 606.1 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24628 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.181 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24628 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1889 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24628 MARBELLA AVE | Vanadium | mg/kg | 40.6 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24628 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.36 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24628 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.022 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 1E-09 |
| 24628 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0262 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24628 NEPTUNE AVE | Benzene | µg/kg | 0.189 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24628 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24628 NEPTUNE AVE | Naphthalene | mg/kg | 0.0216 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24628 NEPTUNE AVE | Pyrene | mg/kg | 0.0467 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24628 NEPTUNE AVE | Toluene | µg/kg | 0.244 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24628 NEPTUNE AVE | TPH as Diesel | mg/kg | 173.3 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24628 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 689.7 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24628 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.19 | Max | 5.6E+05 | -- | 3E-07 | -- |
| 24629 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.74 | Max | 8.3E+04 | -- | 9E-06 | -- |
| 24629 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.046 | Max | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24629 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0765 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24629 NEPTUNE AVE | Benzene | µg/kg | 0.264 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24629 NEPTUNE AVE | Bromomethane | µg/kg | 3.7 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24629 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24629 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.73 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 2E-10 |
| 24629 NEPTUNE AVE | Naphthalene | mg/kg | 0.0185 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24629 NEPTUNE AVE | Pyrene | mg/kg | 0.292 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24629 NEPTUNE AVE | Toluene | µg/kg | 0.648 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24629 NEPTUNE AVE | TPH as Diesel | mg/kg | 460.7 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24629 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.122 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24629 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1194 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24629 NEPTUNE AVE | Trichloroethene | µg/kg | 0.15 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 1E-10 |
| 24629 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.5 | Max | 5.6E+05 | -- | 9E-07 | -- |
| 24632 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.18 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24632 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0076 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24632 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00883 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24632 NEPTUNE AVE | Benzene | µg/kg | 1.2 | Max | 6.7E+04 | 2.2E+02 | 2E-05 | 6E-09 |
| 24632 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.1 | Max | 2.3E+02 | 1.3E+00 | 4E-04 | 8E-08 |
| 24632 NEPTUNE AVE | Naphthalene | mg/kg | 0.0051 | Max | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24632 NEPTUNE AVE | Pyrene | mg/kg | 0.022 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24632 NEPTUNE AVE | Toluene | µg/kg | 0.57 | Max | 4.8E+06 | -- | 1E-07 | -- |
| 24632 NEPTUNE AVE | TPH as Diesel | mg/kg | 153.9 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24632 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.36 | Max | 7.6E+02 | -- | 5E-04 | -- |
| 24632 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 476.9 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24633 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.017 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24633 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.067 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24633 MARBELLA AVE | Benzene | µg/kg | 0.417 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24633 MARBELLA AVE | Cobalt | mg/kg | 11.99 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24633 MARBELLA AVE | Naphthalene | mg/kg | 0.417 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-03 | 1E-07 |
| 24633 MARBELLA AVE | Pyrene | mg/kg | 1.59 | 95UCL | 1.7E+03 | -- | 9E-04 | -- |
| 24633 MARBELLA AVE | Toluene | µg/kg | 0.8 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24633 MARBELLA AVE | TPH as Diesel | mg/kg | 3579 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24633 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0921 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24633 MARBELLA AVE | TPH as Motor Oil | mg/kg | 13171 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 24633 MARBELLA AVE | Xylenes, Total | µg/kg | 0.29 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24700 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.9 | Max | 8.3E+04 | -- | 2E-05 | -- |
| 24700 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2.515 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |
| 24700 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 5.875 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24700 MARBELLA AVE | Benzene | µg/kg | 0.315 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24700 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24700 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24700 MARBELLA AVE | Cobalt | mg/kg | 10.12 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24700 MARBELLA AVE | Ethylbenzene | µg/kg | 618.1 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24700 MARBELLA AVE | Naphthalene | mg/kg | 3.757 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24700 MARBELLA AVE | Pyrene | mg/kg | 0.168 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24700 MARBELLA AVE | Toluene | µg/kg | 0.313 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24700 MARBELLA AVE | TPH as Diesel | mg/kg | 3816 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24700 MARBELLA AVE | TPH as Gasoline | mg/kg | 343.5 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24700 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4499 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24700 MARBELLA AVE | Xylenes, Total | µg/kg | 1.2 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 24700 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.35 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24700 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.086 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24700 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.06 | Max | 4.0E+03 | 1.6E+01 | 2E-05 | 4E-09 |
| 24700 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0372 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24700 RAVENNA AVE | Benzene | µg/kg | 0.396 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24700 RAVENNA AVE | Bromomethane | µg/kg | 2 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24700 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.348 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24700 RAVENNA AVE | Ethylbenzene | µg/kg | 0.24 | Max | 3.3E+06 | 4.8E+03 | 7E-08 | 5E-11 |
| 24700 RAVENNA AVE | Naphthalene | mg/kg | 0.00746 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24700 RAVENNA AVE | Pyrene | mg/kg | 0.0794 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24700 RAVENNA AVE | Toluene | µg/kg | 0.327 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24700 RAVENNA AVE | TPH as Diesel | mg/kg | 1069 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24700 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.099 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24700 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2261 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24700 RAVENNA AVE | Xylenes, Total | µg/kg | 0.25 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24702 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.356 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24702 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.24 | Max | 3.6E+06 | 2.8E+03 | 7E-08 | 9E-11 |
| 24702 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00858 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24702 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0258 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24702 NEPTUNE AVE | Benzene | µg/kg | 0.29 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24702 NEPTUNE AVE | Ethylbenzene | µg/kg | 1.5 | Max | 3.3E+06 | 4.8E+03 | 5E-07 | 3E-10 |
| 24702 NEPTUNE AVE | Naphthalene | mg/kg | 0.0254 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 24702 NEPTUNE AVE | Pyrene | mg/kg | 0.0635 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24702 NEPTUNE AVE | Toluene | µg/kg | 0.244 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24702 NEPTUNE AVE | TPH as Diesel | mg/kg | 204.4 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24702 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.13 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24702 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 704.1 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24702 NEPTUNE AVE | Trichloroethene | µg/kg | 0.41 | Max | 5.8E+03 | 1.2E+03 | 7E-05 | 3E-10 |
| 24702 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.41 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24702 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.997 | 95UCL | 8.3E+04 | -- | 1E-05 | -- |
| 24702 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.17 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24702 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.23 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 8E-11 |
| 24702 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.116 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 7E-09 |
| 24702 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.182 | 95UCL | 2.3E+02 | -- | 8E-04 | -- |
| 24702 PANAMA AVE | Benzene | µg/kg | 0.363 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24702 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.3 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24702 PANAMA AVE | Bromomethane | µg/kg | 3 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24702 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24702 PANAMA AVE | Ethylbenzene | µg/kg | 0.36 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 8E-11 |
| 24702 PANAMA AVE | Naphthalene | mg/kg | 0.0248 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 24702 PANAMA AVE | Pyrene | mg/kg | 1.323 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24702 PANAMA AVE | Toluene | µg/kg | 0.729 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24702 PANAMA AVE | TPH as Diesel | mg/kg | 1349 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24702 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0867 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24702 PANAMA AVE | TPH as Motor Oil | mg/kg | 1512 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24702 PANAMA AVE | Xylenes, Total | µg/kg | 0.596 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24703 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.13 | Max | 6.2E+05 | 4.7E+02 | 2E-07 | 3E-10 |
| 24703 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.8 | Max | 8.3E+04 | -- | 2E-05 | -- |
| 24703 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.37 | Max | 8.5E+04 | -- | 4E-06 | -- |
| 24703 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.39 | Max | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 24703 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0897 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24703 MARBELLA AVE | Benzene | µg/kg | 0.236 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24703 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 5.4 | Max | 1.2E+03 | 3.5E+01 | 4E-03 | 2E-07 |
| 24703 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.17 | Max | 4.3E+05 | 4.9E+02 | 4E-07 | 4E-10 |
| 24703 MARBELLA AVE | Cobalt | mg/kg | 11.77 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24703 MARBELLA AVE | Ethylbenzene | µg/kg | 0.3 | Max | 3.3E+06 | 4.8E+03 | 9E-08 | 6E-11 |
| 24703 MARBELLA AVE | Naphthalene | mg/kg | 0.00561 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 24703 MARBELLA AVE | Pyrene | mg/kg | 1.44 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24703 MARBELLA AVE | Toluene | µg/kg | 0.248 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24703 MARBELLA AVE | TPH as Diesel | mg/kg | 1451 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24703 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0695 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 24703 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1670 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24703 MARBELLA AVE | Trichloroethene | µg/kg | 0.33 | Max | 5.8E+03 | 1.2E+03 | 6E-05 | 3E-10 |
| 24703 MARBELLA AVE | Xylenes, Total | µg/kg | 1.7 | Max | 5.6E+05 | -- | 3E-06 | -- |
| 24703 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.169 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 24703 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00959 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24703 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 0.061 | Max | 1.2E+02 | 1.6E+00 | 5E-04 | 4E-08 |
| 24703 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.021 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24703 NEPTUNE AVE | Benzene | µg/kg | 0.184 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24703 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24703 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24703 NEPTUNE AVE | Naphthalene | mg/kg | 0.28 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 7E-08 |
| 24703 NEPTUNE AVE | Pyrene | mg/kg | 0.275 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24703 NEPTUNE AVE | Toluene | µg/kg | 0.274 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24703 NEPTUNE AVE | TPH as Diesel | mg/kg | 6485 | 95UCL | 1.3E+03 | -- | **5E+00** | -- |
| 24703 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.101 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24703 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7413 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24703 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.42 | Max | 5.6E+05 | -- | 8E-07 | -- |
| 24703 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00574 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 24703 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0188 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24703 PANAMA AVE | Benzene | µg/kg | 0.454 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24703 PANAMA AVE | Cadmium | mg/kg | 0.435 | Max | 7.0E+01 | 6.7E+04 | 6E-03 | 7E-12 |
| 24703 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24703 PANAMA AVE | Cobalt | mg/kg | 6.991 | 95UCL | 2.3E+01 | 3.1E+04 | 3E-01 | 2E-10 |
| 24703 PANAMA AVE | Copper | mg/kg | 11.84 | 95UCL | 3.1E+03 | -- | 4E-03 | -- |
| 24703 PANAMA AVE | Ethylbenzene | µg/kg | 0.44 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24703 PANAMA AVE | Lead | mg/kg | 10.9 | 95UCL | 8.0E+01 | -- | 1E-01 | -- |
| 24703 PANAMA AVE | Naphthalene | mg/kg | 0.00921 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24703 PANAMA AVE | Pyrene | mg/kg | 0.0769 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24703 PANAMA AVE | TPH as Diesel | mg/kg | 324.3 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24703 PANAMA AVE | TPH as Gasoline | mg/kg | 0.073 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24703 PANAMA AVE | TPH as Motor Oil | mg/kg | 1275 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24703 PANAMA AVE | Vanadium | mg/kg | 26.14 | 95UCL | 3.9E+02 | -- | 7E-02 | -- |
| 24703 PANAMA AVE | Zinc | mg/kg | 42.24 | 95UCL | 2.3E+04 | -- | 2E-03 | -- |
| 24703 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.4 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24703 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0164 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24703 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.025 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24703 RAVENNA AVE | Benzene | µg/kg | 0.164 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24703 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24703 RAVENNA AVE | Ethylbenzene | µg/kg | 0.18 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24703 RAVENNA AVE | Naphthalene | mg/kg | 0.00925 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24703 RAVENNA AVE | Pyrene | mg/kg | 0.048 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24703 RAVENNA AVE | Toluene | µg/kg | 0.164 | 95UCL | 4.8E+06 | -- | 3E-08 | -- |
| 24703 RAVENNA AVE | TPH as Diesel | mg/kg | 2066 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24703 RAVENNA AVE | TPH as Gasoline | mg/kg | 13.87 | 95UCL | 7.6E+02 | -- | 2E-02 | -- |
| 24703 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1846 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24703 RAVENNA AVE | Xylenes, Total | µg/kg | 0.196 | 95UCL | 5.6E+05 | -- | 4E-07 | -- |
| 24706 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.49 | Max | 8.3E+04 | -- | 6E-06 | -- |
| 24706 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.087 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24706 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0071 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24706 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00925 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24706 MARBELLA AVE | Benzene | µg/kg | 0.272 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24706 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.89 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 3E-08 |
| 24706 MARBELLA AVE | Cobalt | mg/kg | 10.61 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24706 MARBELLA AVE | Naphthalene | mg/kg | 0.00735 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24706 MARBELLA AVE | Pyrene | mg/kg | 0.0525 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24706 MARBELLA AVE | Toluene | µg/kg | 0.795 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24706 MARBELLA AVE | TPH as Diesel | mg/kg | 194.6 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24706 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.203 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24706 MARBELLA AVE | TPH as Motor Oil | mg/kg | 514.2 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24706 MARBELLA AVE | Xylenes, Total | µg/kg | 0.4 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24706 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.327 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24706 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0279 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24706 RAVENNA AVE | Benzene | µg/kg | 0.35 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24706 RAVENNA AVE | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24706 RAVENNA AVE | Pyrene | mg/kg | 1.086 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24706 RAVENNA AVE | Toluene | µg/kg | 0.249 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24706 RAVENNA AVE | TPH as Diesel | mg/kg | 1029 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24706 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24706 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2439 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24706 RAVENNA AVE | Xylenes, Total | µg/kg | 0.374 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 24707 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.38 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24707 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.122 | 95UCL | 8.5E+04 | -- | 1E-06 | -- |
| 24707 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0067 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24707 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00572 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 24707 MARBELLA AVE | Benzene | µg/kg | 0.253 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24707 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24707 MARBELLA AVE | Cobalt | mg/kg | 11.13 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24707 MARBELLA AVE | Ethylbenzene | µg/kg | 2.342 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-07 | 5E-10 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24707 MARBELLA AVE | Naphthalene | mg/kg | 0.01 | Max | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24707 MARBELLA AVE | Pyrene | mg/kg | 0.0234 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24707 MARBELLA AVE | Toluene | µg/kg | 0.473 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24707 MARBELLA AVE | TPH as Diesel | mg/kg | 258.7 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24707 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.056 | Max | 7.6E+02 | -- | 7E-05 | -- |
| 24707 MARBELLA AVE | TPH as Motor Oil | mg/kg | 807.9 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24707 MARBELLA AVE | Xylenes, Total | µg/kg | 3.579 | 95UCL | 5.6E+05 | -- | 6E-06 | -- |
| 24708 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.99 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24708 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.57 | Max | 3.6E+06 | 2.8E+03 | 2E-07 | 2E-10 |
| 24708 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0564 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 4E-09 |
| 24708 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.188 | 95UCL | 2.3E+02 | -- | 8E-04 | -- |
| 24708 PANAMA AVE | Benzene | µg/kg | 0.31 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24708 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24708 PANAMA AVE | Chromium, Hexavalent | mg/kg | 1.1 | Max | 2.3E+02 | 1.3E+00 | 5E-03 | 9E-07 |
| 24708 PANAMA AVE | Ethylbenzene | µg/kg | 0.85 | Max | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24708 PANAMA AVE | Naphthalene | mg/kg | 0.102 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-04 | 3E-08 |
| 24708 PANAMA AVE | Pyrene | mg/kg | 1.376 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24708 PANAMA AVE | Toluene | µg/kg | 0.559 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24708 PANAMA AVE | TPH as Diesel | mg/kg | 1055 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24708 PANAMA AVE | TPH as Gasoline | mg/kg | 0.61 | Max | 7.6E+02 | -- | 8E-04 | -- |
| 24708 PANAMA AVE | TPH as Motor Oil | mg/kg | 2328 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24708 PANAMA AVE | Trichloroethene | µg/kg | 0.18 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 2E-10 |
| 24708 PANAMA AVE | Xylenes, Total | µg/kg | 1.1 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 24709 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.254 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24709 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24709 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0399 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24709 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.105 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 24709 NEPTUNE AVE | Benzene | µg/kg | 0.382 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24709 NEPTUNE AVE | Naphthalene | mg/kg | 0.0312 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24709 NEPTUNE AVE | Pyrene | mg/kg | 0.548 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24709 NEPTUNE AVE | Toluene | µg/kg | 0.335 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24709 NEPTUNE AVE | TPH as Diesel | mg/kg | 502.6 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24709 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.081 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24709 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2053 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24709 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.28 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24709 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.308 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24709 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00749 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24709 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0577 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24709 PANAMA AVE | Benzene | µg/kg | 0.57 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-06 | 3E-09 |
| 24709 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.246 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24709 PANAMA AVE | Ethylbenzene | µg/kg | 0.44 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24709 PANAMA AVE | Naphthalene | mg/kg | 0.00903 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24709 PANAMA AVE | Pyrene | mg/kg | 0.154 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24709 PANAMA AVE | Toluene | µg/kg | 0.267 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24709 PANAMA AVE | TPH as Diesel | mg/kg | 225.2 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24709 PANAMA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24709 PANAMA AVE | TPH as Motor Oil | mg/kg | 776.6 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24709 PANAMA AVE | Xylenes, Total | µg/kg | 0.25 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24709 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.33 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24709 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0194 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-06 | 1E-09 |
| 24709 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.079 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24709 RAVENNA AVE | Benzene | µg/kg | 0.286 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24709 RAVENNA AVE | Naphthalene | mg/kg | 0.0255 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 24709 RAVENNA AVE | Pyrene | mg/kg | 0.267 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24709 RAVENNA AVE | Toluene | µg/kg | 0.292 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24709 RAVENNA AVE | TPH as Diesel | mg/kg | 234.9 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24709 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0989 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24709 RAVENNA AVE | TPH as Motor Oil | mg/kg | 758.2 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24709 RAVENNA AVE | Xylenes, Total | µg/kg | 0.334 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 24710 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.84 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24710 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0029 | Max | 4.0E+03 | 1.6E+01 | 7E-07 | 2E-10 |
| 24710 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0128 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 24710 MARBELLA AVE | Benzene | µg/kg | 0.375 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24710 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 1.2E+03 | 3.5E+01 | 9E-04 | 3E-08 |
| 24710 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.21 | Max | 4.3E+05 | 4.9E+02 | 5E-07 | 4E-10 |
| 24710 MARBELLA AVE | Cobalt | mg/kg | 11.1 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24710 MARBELLA AVE | Ethylbenzene | µg/kg | 0.28 | Max | 3.3E+06 | 4.8E+03 | 9E-08 | 6E-11 |
| 24710 MARBELLA AVE | Naphthalene | mg/kg | 0.0111 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24710 MARBELLA AVE | Pyrene | mg/kg | 0.0563 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24710 MARBELLA AVE | Toluene | µg/kg | 0.373 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24710 MARBELLA AVE | TPH as Diesel | mg/kg | 393.8 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24710 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.08 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24710 MARBELLA AVE | TPH as Motor Oil | mg/kg | 903.9 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24710 MARBELLA AVE | Xylenes, Total | µg/kg | 0.38 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24712 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0255 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-06 | 2E-09 |
| 24712 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0899 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24712 NEPTUNE AVE | Benzene | µg/kg | 0.22 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24712 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.644 | 95UCL | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24712 NEPTUNE AVE | Naphthalene | mg/kg | 0.015 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24712 NEPTUNE AVE | Pyrene | mg/kg | 0.468 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24712 NEPTUNE AVE | TPH as Diesel | mg/kg | 196.9 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24712 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.056 | Max | 7.6E+02 | -- | 7E-05 | -- |
| 24712 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 539.4 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24712 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.18 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24712 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0942 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-05 | 6E-09 |
| 24712 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.375 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24712 PANAMA AVE | Benzene | µg/kg | 0.2 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24712 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24712 PANAMA AVE | Naphthalene | mg/kg | 1.939 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24712 PANAMA AVE | Pyrene | mg/kg | 0.166 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24712 PANAMA AVE | Toluene | µg/kg | 0.18 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 24712 PANAMA AVE | TPH as Diesel | mg/kg | 720.4 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24712 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0777 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24712 PANAMA AVE | TPH as Motor Oil | mg/kg | 1352 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24712 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.12 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24712 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00968 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24712 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0513 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24712 RAVENNA AVE | Benzene | µg/kg | 0.274 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24712 RAVENNA AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24712 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.35 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24712 RAVENNA AVE | Naphthalene | mg/kg | 0.0106 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24712 RAVENNA AVE | Pyrene | mg/kg | 0.191 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24712 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.17 | Max | 8.6E+04 | 5.5E+02 | 2E-06 | 3E-10 |
| 24712 RAVENNA AVE | Toluene | µg/kg | 0.19 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24712 RAVENNA AVE | TPH as Diesel | mg/kg | 455.9 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24712 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0723 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24712 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1286 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24713 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.28 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24713 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0498 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24713 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.14 | 95UCL | 2.3E+02 | -- | 6E-04 | -- |
| 24713 MARBELLA AVE | Benzene | µg/kg | 0.514 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 2E-09 |
| 24713 MARBELLA AVE | Cobalt | mg/kg | 11.81 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24713 MARBELLA AVE | Naphthalene | mg/kg | 0.886 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-03 | 2E-07 |
| 24713 MARBELLA AVE | Pyrene | mg/kg | 0.0703 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24713 MARBELLA AVE | Toluene | µg/kg | 0.338 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24713 MARBELLA AVE | TPH as Diesel | mg/kg | 243.8 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24713 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.075 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24713 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1145 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24713 MARBELLA AVE | Xylenes, Total | µg/kg | 0.35 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24713 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.139 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 24713 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00665 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24713 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0192 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24713 PANAMA AVE | Benzene | µg/kg | 1.535 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 7E-09 |
| 24713 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.65 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24713 PANAMA AVE | Bromomethane | µg/kg | 3.6 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24713 PANAMA AVE | Ethylbenzene | µg/kg | 0.61 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24713 PANAMA AVE | Methylene Chloride | µg/kg | 7 | Max | 3.6E+05 | 5.3E+03 | 2E-05 | 1E-09 |
| 24713 PANAMA AVE | Naphthalene | mg/kg | 0.00734 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24713 PANAMA AVE | Pyrene | mg/kg | 0.0566 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24713 PANAMA AVE | Toluene | µg/kg | 0.384 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24713 PANAMA AVE | TPH as Diesel | mg/kg | 319.9 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24713 PANAMA AVE | TPH as Gasoline | mg/kg | 0.065 | Max | 7.6E+02 | -- | 9E-05 | -- |
| 24713 PANAMA AVE | TPH as Motor Oil | mg/kg | 1089 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24713 PANAMA AVE | Xylenes, Total | µg/kg | 0.38 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24713 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 21000 | Max | 8.3E+04 | -- | 3E-01 | -- |
| 24713 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 7100 | Max | 8.5E+04 | -- | 8E-02 | -- |
| 24713 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 13 | Max | 4.0E+03 | 1.6E+01 | 3E-03 | 8E-07 |
| 24713 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 7.759 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24713 RAVENNA AVE | Benzene | µg/kg | 11.12 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-04 | 5E-08 |
| 24713 RAVENNA AVE | Ethylbenzene | µg/kg | 2100 | Max | 3.3E+06 | 4.8E+03 | 6E-04 | 4E-07 |
| 24713 RAVENNA AVE | Naphthalene | mg/kg | 3.204 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 8E-07 |
| 24713 RAVENNA AVE | Pyrene | mg/kg | 0.118 | 95UCL | 1.7E+03 | -- | 7E-05 | -- |
| 24713 RAVENNA AVE | Toluene | µg/kg | 58 | Max | 4.8E+06 | -- | 1E-05 | -- |
| 24713 RAVENNA AVE | TPH as Diesel | mg/kg | 3277 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24713 RAVENNA AVE | TPH as Gasoline | mg/kg | 464.7 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24713 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3174 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24713 RAVENNA AVE | Xylenes, Total | µg/kg | 9400 | Max | 5.6E+05 | -- | 2E-02 | -- |
| 24715 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.33 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24715 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.48 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 24715 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.4 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24715 NEPTUNE AVE | Benzene | µg/kg | 0.255 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24715 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 0.3 | 95UCL | -- | 1.6E+00 | -- | 2E-07 |
| 24715 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.168 | 95UCL | -- | 1.6E-01 | -- | 1E-06 |
| 24715 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.119 | 95UCL | -- | 1.6E+00 | -- | 8E-08 |
| 24715 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.0222 | 95UCL | -- | 1.6E+00 | -- | 1E-08 |
| 24715 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.34 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24715 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.23 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24715 NEPTUNE AVE | Chrysene | mg/kg | 0.789 | 95UCL | -- | 1.6E+01 | -- | 5E-08 |
| 24715 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.0585 | 95UCL | -- | 1.1E-01 | -- | 5E-07 |
| 24715 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0546 | 95UCL | -- | 1.6E+00 | -- | 4E-08 |
| 24715 NEPTUNE AVE | Naphthalene | mg/kg | 0.117 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24715 NEPTUNE AVE | Pyrene | mg/kg | 0.532 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24715 NEPTUNE AVE | Toluene | µg/kg | 0.346 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24715 NEPTUNE AVE | TPH as Diesel | mg/kg | 3281 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24715 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.087 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24715 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3835 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24715 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.2 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24716 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 230 | Max | 8.3E+04 | -- | 3E-03 | -- |
| 24716 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.87 | Max | 4.0E+03 | 1.6E+01 | 2E-04 | 6E-08 |
| 24716 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.305 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24716 MARBELLA AVE | Benzene | µg/kg | 4.368 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-05 | 2E-08 |
| 24716 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24716 MARBELLA AVE | Cobalt | mg/kg | 10.8 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24716 MARBELLA AVE | Ethylbenzene | µg/kg | 66 | Max | 3.3E+06 | 4.8E+03 | 2E-05 | 1E-08 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24716 MARBELLA AVE | Naphthalene | mg/kg | 0.25 | Max | 1.5E+02 | 4.0E+00 | 2E-03 | 6E-08 |
| 24716 MARBELLA AVE | Pyrene | mg/kg | 1.21 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24716 MARBELLA AVE | Toluene | µg/kg | 0.37 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24716 MARBELLA AVE | TPH as Diesel | mg/kg | 946 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24716 MARBELLA AVE | TPH as Gasoline | mg/kg | 160 | Max | 7.6E+02 | -- | 2E-01 | -- |
| 24716 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1207 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24716 MARBELLA AVE | Xylenes, Total | µg/kg | 63 | Max | 5.6E+05 | -- | 1E-04 | -- |
| 24716 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.45 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24716 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0092 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24716 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.065 | Max | 2.3E+02 | -- | 3E-04 | -- |
| 24716 RAVENNA AVE | Benzene | µg/kg | 1.3 | Max | 6.7E+04 | 2.2E+02 | 2E-05 | 6E-09 |
| 24716 RAVENNA AVE | Ethylbenzene | µg/kg | 0.29 | Max | 3.3E+06 | 4.8E+03 | 9E-08 | 6E-11 |
| 24716 RAVENNA AVE | Naphthalene | mg/kg | 0.02 | Max | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24716 RAVENNA AVE | Pyrene | mg/kg | 0.27 | Max | 1.7E+03 | -- | 2E-04 | -- |
| 24716 RAVENNA AVE | Toluene | µg/kg | 0.4 | Max | 4.8E+06 | -- | 8E-08 | -- |
| 24716 RAVENNA AVE | TPH as Diesel | mg/kg | 700 | Max | 1.3E+03 | -- | 5E-01 | -- |
| 24716 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.41 | Max | 7.6E+02 | -- | 5E-04 | -- |
| 24716 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1900 | Max | 3.3E+03 | -- | 6E-01 | -- |
| 24717 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 24.95 | 95UCL | 8.3E+04 | -- | 3E-04 | -- |
| 24717 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 32 | Max | 8.5E+04 | -- | 4E-04 | -- |
| 24717 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.29 | Max | 3.6E+06 | 2.8E+03 | 8E-08 | 1E-10 |
| 24717 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 1.096 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 7E-08 |
| 24717 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 2.392 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 24717 MARBELLA AVE | Benzene | µg/kg | 0.554 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 3E-09 |
| 24717 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.27 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24717 MARBELLA AVE | Cobalt | mg/kg | 10.28 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24717 MARBELLA AVE | Ethylbenzene | µg/kg | 2 | Max | 3.3E+06 | 4.8E+03 | 6E-07 | 4E-10 |
| 24717 MARBELLA AVE | Naphthalene | mg/kg | 0.803 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-03 | 2E-07 |
| 24717 MARBELLA AVE | Pyrene | mg/kg | 0.854 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24717 MARBELLA AVE | Toluene | µg/kg | 0.454 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24717 MARBELLA AVE | TPH as Diesel | mg/kg | 2071 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24717 MARBELLA AVE | TPH as Gasoline | mg/kg | 40.98 | 95UCL | 7.6E+02 | -- | 5E-02 | -- |
| 24717 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2523 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24717 MARBELLA AVE | Xylenes, Total | µg/kg | 13 | Max | 5.6E+05 | -- | 2E-05 | -- |
| 24718 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.533 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 24718 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.3 | Max | 8.5E+04 | -- | 4E-06 | -- |
| 24718 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.062 | Max | 4.0E+03 | 1.6E+01 | 2E-05 | 4E-09 |
| 24718 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0175 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24718 NEPTUNE AVE | Antimony | mg/kg | 0.86 | 95UCL | 3.1E+01 | -- | 3E-02 | -- |
| 24718 NEPTUNE AVE | Benzene | µg/kg | 0.941 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 4E-09 |
| 24718 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.24 | Max | 3.3E+06 | 4.8E+03 | 7E-08 | 5E-11 |
| 24718 NEPTUNE AVE | Naphthalene | mg/kg | 0.00572 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 24718 NEPTUNE AVE | Pyrene | mg/kg | 0.12 | 95UCL | 1.7E+03 | -- | 7E-05 | -- |
| 24718 NEPTUNE AVE | Toluene | µg/kg | 0.367 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24718 NEPTUNE AVE | TPH as Diesel | mg/kg | 1420 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24718 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.156 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24718 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2647 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24718 NEPTUNE AVE | Trichloroethene | µg/kg | 0.23 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24718 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.251 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24718 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 1.2 | Max | 2.4E+03 | 2.1E+01 | 5E-04 | 6E-08 |
| 24718 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.1 | Max | 8.3E+04 | -- | 1E-06 | -- |
| 24718 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0133 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 9E-10 |
| 24718 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0499 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24718 PANAMA AVE | Benzene | µg/kg | 0.455 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24718 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 1.2E+03 | 3.5E+01 | 9E-04 | 3E-08 |
| 24718 PANAMA AVE | Bromomethane | µg/kg | 1.8 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24718 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24718 PANAMA AVE | Naphthalene | mg/kg | 0.0182 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24718 PANAMA AVE | Pyrene | mg/kg | 0.321 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24718 PANAMA AVE | Toluene | µg/kg | 0.329 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24718 PANAMA AVE | TPH as Diesel | mg/kg | 436.8 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24718 PANAMA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24718 PANAMA AVE | TPH as Motor Oil | mg/kg | 1072 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24718 PANAMA AVE | Xylenes, Total | µg/kg | 0.18 | Max | 5.6E+05 | -- | 3E-07 | -- |
| 24719 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.876 | 95UCL | 8.3E+04 | -- | 1E-05 | -- |
| 24719 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24719 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 170 | Max | 3.6E+06 | 2.8E+03 | 5E-05 | 6E-08 |
| 24719 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0086 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24719 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0232 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24719 NEPTUNE AVE | Benzene | µg/kg | 0.523 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 2E-09 |
| 24719 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.629 | 95UCL | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24719 NEPTUNE AVE | Bromomethane | µg/kg | 1.8 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24719 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.35 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 7E-11 |
| 24719 NEPTUNE AVE | Naphthalene | mg/kg | 0.0325 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24719 NEPTUNE AVE | Pyrene | mg/kg | 0.219 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24719 NEPTUNE AVE | Toluene | µg/kg | 0.84 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24719 NEPTUNE AVE | TPH as Diesel | mg/kg | 944.1 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24719 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.062 | Max | 7.6E+02 | -- | 8E-05 | -- |
| 24719 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2203 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24719 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.514 | 95UCL | 5.6E+05 | -- | 9E-07 | -- |
| 24719 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.63 | Max | 8.3E+04 | -- | 8E-06 | -- |
| 24719 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24719 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.009 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24719 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0163 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24719 PANAMA AVE | Benzene | µg/kg | 0.312 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24719 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24719 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.316 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24719 PANAMA AVE | Ethylbenzene | µg/kg | 3.2 | Max | 3.3E+06 | 4.8E+03 | 1E-06 | 7E-10 |
| 24719 PANAMA AVE | Naphthalene | mg/kg | 0.00917 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24719 PANAMA AVE | Pyrene | mg/kg | 0.186 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24719 PANAMA AVE | Toluene | µg/kg | 0.209 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24719 PANAMA AVE | TPH as Diesel | mg/kg | 154.1 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24719 PANAMA AVE | TPH as Gasoline | mg/kg | 0.108 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24719 PANAMA AVE | TPH as Motor Oil | mg/kg | 363.6 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24719 PANAMA AVE | Xylenes, Total | µg/kg | 5.1 | Max | 5.6E+05 | -- | 9E-06 | -- |
| 24719 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 7434 | 95UCL | 8.3E+04 | -- | 9E-02 | -- |
| 24719 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 12000 | Max | 8.5E+04 | -- | 1E-01 | -- |
| 24719 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.27 | Max | 3.6E+06 | 2.8E+03 | 7E-08 | 1E-10 |
| 24719 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.977 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24719 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 13.48 | 95UCL | 2.3E+02 | -- | 6E-02 | -- |
| 24719 RAVENNA AVE | Benzene | µg/kg | 59.83 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-04 | 3E-07 |
| 24719 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.5 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24719 RAVENNA AVE | Bromomethane | µg/kg | 360 | Max | 8.8E+03 | -- | 4E-02 | -- |
| 24719 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 1.1 | Max | 2.3E+02 | 1.3E+00 | 5E-03 | 9E-07 |
| 24719 RAVENNA AVE | Ethylbenzene | µg/kg | 6600 | Max | 3.3E+06 | 4.8E+03 | 2E-03 | 1E-06 |
| 24719 RAVENNA AVE | Naphthalene | mg/kg | 5.354 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | 1E-06 |
| 24719 RAVENNA AVE | Pyrene | mg/kg | 0.334 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24719 RAVENNA AVE | Toluene | µg/kg | 1318 | 95UCL | 4.8E+06 | -- | 3E-04 | -- |
| 24719 RAVENNA AVE | TPH as Diesel | mg/kg | 5425 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24719 RAVENNA AVE | TPH as Gasoline | mg/kg | 684.8 | 95UCL | 7.6E+02 | -- | 9E-01 | -- |
| 24719 RAVENNA AVE | TPH as Motor Oil | mg/kg | 5283 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24719 RAVENNA AVE | Xylenes, Total | µg/kg | 14244 | 95UCL | 5.6E+05 | -- | 3E-02 | -- |
| 24722 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.54 | Max | 8.3E+04 | -- | 7E-06 | -- |
| 24722 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00899 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24722 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0116 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24722 MARBELLA AVE | Benzene | µg/kg | 0.148 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24722 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.18 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 5E-09 |
| 24722 MARBELLA AVE | Bromomethane | µg/kg | 0.92 | Max | 8.8E+03 | -- | 1E-04 | -- |
| 24722 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.7 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24722 MARBELLA AVE | Naphthalene | mg/kg | 0.00476 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24722 MARBELLA AVE | Pyrene | mg/kg | 0.915 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24722 MARBELLA AVE | Toluene | µg/kg | 1.392 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24722 MARBELLA AVE | TPH as Diesel | mg/kg | 1154 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24722 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.808 | 95UCL | 7.6E+02 | -- | 1E-03 | -- |
| 24722 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3147 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24722 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.22 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24722 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0046 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24722 NEPTUNE AVE | Benzene | µg/kg | 1.065 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 5E-09 |
| 24722 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24722 NEPTUNE AVE | Bromomethane | µg/kg | 2.4 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24722 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24722 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.42 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24722 NEPTUNE AVE | Naphthalene | mg/kg | 0.0021 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 24722 NEPTUNE AVE | Pyrene | mg/kg | 0.0119 | 95UCL | 1.7E+03 | -- | 7E-06 | -- |
| 24722 NEPTUNE AVE | Toluene | µg/kg | 0.982 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24722 NEPTUNE AVE | TPH as Diesel | mg/kg | 35.05 | 95UCL | 1.3E+03 | -- | 3E-02 | -- |
| 24722 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0772 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24722 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 118.6 | 95UCL | 3.3E+03 | -- | 4E-02 | -- |
| 24722 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.441 | 95UCL | 5.6E+05 | -- | 8E-07 | -- |
| 24722 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.35 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24722 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0846 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-05 | 5E-09 |
| 24722 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.263 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24722 PANAMA AVE | Benzene | µg/kg | 0.34 | Max | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24722 PANAMA AVE | Naphthalene | mg/kg | 0.126 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24722 PANAMA AVE | Pyrene | mg/kg | 0.81 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24722 PANAMA AVE | Toluene | µg/kg | 0.61 | Max | 4.8E+06 | -- | 1E-07 | -- |
| 24722 PANAMA AVE | TPH as Diesel | mg/kg | 437.2 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24722 PANAMA AVE | TPH as Gasoline | mg/kg | 0.098 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24722 PANAMA AVE | TPH as Motor Oil | mg/kg | 1061 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24722 PANAMA AVE | Xylenes, Total | µg/kg | 0.46 | Max | 5.6E+05 | -- | 8E-07 | -- |
| 24722 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.36 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24722 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.125 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 8E-09 |
| 24722 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.243 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24722 RAVENNA AVE | Benzene | µg/kg | 0.298 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24722 RAVENNA AVE | Bromomethane | µg/kg | 1.065 | 95UCL | 8.8E+03 | -- | 1E-04 | -- |
| 24722 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.694 | 95UCL | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24722 RAVENNA AVE | Naphthalene | mg/kg | 0.0722 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-04 | 2E-08 |
| 24722 RAVENNA AVE | Pyrene | mg/kg | 0.664 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24722 RAVENNA AVE | Toluene | µg/kg | 0.287 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24722 RAVENNA AVE | TPH as Diesel | mg/kg | 1780 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24722 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.103 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24722 RAVENNA AVE | TPH as Motor Oil | mg/kg | 5260 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24723 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.545 | 95UCL | 8.3E+04 | -- | 7E-06 | -- |
| 24723 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 7E-11 |
| 24723 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.18 | Max | 4.0E+03 | 1.6E+01 | 5E-05 | 1E-08 |
| 24723 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0394 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24723 MARBELLA AVE | Benzene | µg/kg | 3.131 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-05 | 1E-08 |
| 24723 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.39 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24723 MARBELLA AVE | Cobalt | mg/kg | 10.25 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24723 MARBELLA AVE | Ethylbenzene | µg/kg | 0.22 | Max | 3.3E+06 | 4.8E+03 | 7E-08 | 5E-11 |
| 24723 MARBELLA AVE | Naphthalene | mg/kg | 0.00218 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 6E-10 |
| 24723 MARBELLA AVE | Pyrene | mg/kg | 1.181 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24723 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.32 | Max | 8.6E+04 | 5.5E+02 | 4E-06 | 6E-10 |
| 24723 MARBELLA AVE | Toluene | µg/kg | 1.899 | 95UCL | 4.8E+06 | -- | 4E-07 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24723 MARBELLA AVE | TPH as Diesel | mg/kg | 2556 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24723 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.14 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24723 MARBELLA AVE | TPH as Motor Oil | mg/kg | 5615 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24723 MARBELLA AVE | Xylenes, Total | µg/kg | 0.69 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24723 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.34 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24723 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00979 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24723 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0187 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24723 RAVENNA AVE | Benzene | µg/kg | 0.205 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24723 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.34 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24723 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.42 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24723 RAVENNA AVE | Ethylbenzene | µg/kg | 0.48 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24723 RAVENNA AVE | Naphthalene | mg/kg | 0.0128 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 24723 RAVENNA AVE | Pyrene | mg/kg | 0.105 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24723 RAVENNA AVE | Toluene | µg/kg | 0.329 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24723 RAVENNA AVE | TPH as Diesel | mg/kg | 299.4 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24723 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.154 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24723 RAVENNA AVE | TPH as Motor Oil | mg/kg | 673.2 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24723 RAVENNA AVE | Xylenes, Total | µg/kg | 0.73 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24725 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0149 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24725 NEPTUNE AVE | Benzene | µg/kg | 0.168 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24725 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.36 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24725 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24725 NEPTUNE AVE | Naphthalene | mg/kg | 0.00875 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24725 NEPTUNE AVE | Pyrene | mg/kg | 0.05 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24725 NEPTUNE AVE | Toluene | µg/kg | 0.299 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24725 NEPTUNE AVE | TPH as Diesel | mg/kg | 227.9 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24725 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.081 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24725 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 669.6 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24726 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.97 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24726 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.014 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 9E-10 |
| 24726 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0208 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24726 MARBELLA AVE | Benzene | µg/kg | 0.42 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24726 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 1.2E+03 | 3.5E+01 | 9E-04 | 3E-08 |
| 24726 MARBELLA AVE | Cobalt | mg/kg | 11.34 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24726 MARBELLA AVE | Ethylbenzene | µg/kg | 0.39 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 8E-11 |
| 24726 MARBELLA AVE | Naphthalene | mg/kg | 0.00604 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24726 MARBELLA AVE | Pyrene | mg/kg | 0.13 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |
| 24726 MARBELLA AVE | Toluene | µg/kg | 4.758 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24726 MARBELLA AVE | TPH as Diesel | mg/kg | 358 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24726 MARBELLA AVE | TPH as Gasoline | mg/kg | 3.649 | 95UCL | 7.6E+02 | -- | 5E-03 | -- |
| 24726 MARBELLA AVE | TPH as Motor Oil | mg/kg | 750.2 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24726 MARBELLA AVE | Xylenes, Total | µg/kg | 0.79 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24726 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00871 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24726 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0647 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24726 RAVENNA AVE | Benzene | µg/kg | 0.17 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24726 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24726 RAVENNA AVE | Naphthalene | mg/kg | 0.0134 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 24726 RAVENNA AVE | Pyrene | mg/kg | 0.263 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24726 RAVENNA AVE | TPH as Diesel | mg/kg | 530.5 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24726 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.071 | Max | 7.6E+02 | -- | 9E-05 | -- |
| 24726 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1039 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24727 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.28 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24727 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.107 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 7E-09 |
| 24727 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0919 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24727 MARBELLA AVE | Benzene | µg/kg | 0.158 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24727 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24727 MARBELLA AVE | Naphthalene | mg/kg | 0.12 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24727 MARBELLA AVE | Pyrene | mg/kg | 0.409 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24727 MARBELLA AVE | Toluene | µg/kg | 0.23 | Max | 4.8E+06 | -- | 5E-08 | -- |
| 24727 MARBELLA AVE | TPH as Diesel | mg/kg | 1073 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24727 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.055 | Max | 7.6E+02 | -- | 7E-05 | -- |
| 24727 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3168 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24728 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 710 | Max | 8.3E+04 | -- | 9E-03 | -- |
| 24728 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 210 | Max | 8.5E+04 | -- | 3E-03 | -- |
| 24728 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.1 | Max | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24728 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.074 | 95UCL | 2.3E+02 | -- | 5E-03 | -- |
| 24728 NEPTUNE AVE | Benzene | µg/kg | 58.49 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-04 | 3E-07 |
| 24728 NEPTUNE AVE | Bromomethane | µg/kg | 3.8 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24728 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.56 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24728 NEPTUNE AVE | Ethylbenzene | µg/kg | 510 | Max | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24728 NEPTUNE AVE | Naphthalene | mg/kg | 4.3 | Max | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24728 NEPTUNE AVE | Pyrene | mg/kg | 0.449 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24728 NEPTUNE AVE | Toluene | µg/kg | 7.654 | 95UCL | 4.8E+06 | -- | 2E-06 | -- |
| 24728 NEPTUNE AVE | TPH as Diesel | mg/kg | 1634 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24728 NEPTUNE AVE | TPH as Gasoline | mg/kg | 226 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24728 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2784 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24728 NEPTUNE AVE | Xylenes, Total | µg/kg | 270 | Max | 5.6E+05 | -- | 5E-04 | -- |
| 24728 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.44 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24728 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.12 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24728 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.163 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-05 | 1E-08 |
| 24728 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.513 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24728 PANAMA AVE | Benzene | µg/kg | 0.355 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24728 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.56 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24728 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.8 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24728 PANAMA AVE | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24728 PANAMA AVE | Naphthalene | mg/kg | 0.0163 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24728 PANAMA AVE | Pyrene | mg/kg | 1.016 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24728 PANAMA AVE | Toluene | µg/kg | 0.179 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24728 PANAMA AVE | TPH as Diesel | mg/kg | 671.9 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24728 PANAMA AVE | TPH as Gasoline | mg/kg | 0.211 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24728 PANAMA AVE | TPH as Motor Oil | mg/kg | 1753 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24728 PANAMA AVE | Xylenes, Total | µg/kg | 0.24 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24729 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.91 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24729 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.2 | Max | 4.0E+03 | 1.6E+01 | 5E-05 | 1E-08 |
| 24729 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.141 | 95UCL | 2.3E+02 | -- | 6E-04 | -- |
| 24729 NEPTUNE AVE | Benzene | µg/kg | 0.2 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24729 NEPTUNE AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24729 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.76 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24729 NEPTUNE AVE | Naphthalene | mg/kg | 0.12 | Max | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24729 NEPTUNE AVE | Pyrene | mg/kg | 0.585 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24729 NEPTUNE AVE | Toluene | µg/kg | 1.27 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24729 NEPTUNE AVE | TPH as Diesel | mg/kg | 1161 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24729 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.805 | 95UCL | 7.6E+02 | -- | 1E-03 | -- |
| 24729 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2107 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24729 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0104 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24729 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0307 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24729 PANAMA AVE | Benzene | µg/kg | 0.2 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24729 PANAMA AVE | Naphthalene | mg/kg | 0.0414 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24729 PANAMA AVE | Pyrene | mg/kg | 0.177 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24729 PANAMA AVE | Toluene | µg/kg | 0.179 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24729 PANAMA AVE | TPH as Diesel | mg/kg | 388.8 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24729 PANAMA AVE | TPH as Gasoline | mg/kg | 0.076 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24729 PANAMA AVE | TPH as Motor Oil | mg/kg | 941.6 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24729 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00361 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24729 RAVENNA AVE | Benzene | µg/kg | 0.243 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24729 RAVENNA AVE | Naphthalene | mg/kg | 0.039 | Max | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24729 RAVENNA AVE | Pyrene | mg/kg | 0.012 | 95UCL | 1.7E+03 | -- | 7E-06 | -- |
| 24729 RAVENNA AVE | Toluene | µg/kg | 0.35 | Max | 4.8E+06 | -- | 7E-08 | -- |
| 24729 RAVENNA AVE | TPH as Diesel | mg/kg | 89 | Max | 1.3E+03 | -- | 7E-02 | -- |
| 24729 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.096 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24729 RAVENNA AVE | TPH as Motor Oil | mg/kg | 320 | Max | 3.3E+03 | -- | 1E-01 | -- |
| 24729 RAVENNA AVE | Xylenes, Total | µg/kg | 0.21 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24732 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.262 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24732 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24732 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00432 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24732 MARBELLA AVE | Benzene | µg/kg | 0.234 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24732 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.335 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24732 MARBELLA AVE | Ethylbenzene | µg/kg | 0.43 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24732 MARBELLA AVE | Naphthalene | mg/kg | 0.0046 | Max | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24732 MARBELLA AVE | Pyrene | mg/kg | 0.0257 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24732 MARBELLA AVE | Toluene | µg/kg | 0.411 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24732 MARBELLA AVE | TPH as Diesel | mg/kg | 206.5 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24732 MARBELLA AVE | TPH as Motor Oil | mg/kg | 811.6 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24732 MARBELLA AVE | Xylenes, Total | µg/kg | 0.587 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24732 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.21 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24732 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.024 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 2E-09 |
| 24732 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0359 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24732 NEPTUNE AVE | Benzene | µg/kg | 0.54 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 3E-09 |
| 24732 NEPTUNE AVE | Ethylbenzene | µg/kg | 1.3 | Max | 3.3E+06 | 4.8E+03 | 4E-07 | 3E-10 |
| 24732 NEPTUNE AVE | Naphthalene | mg/kg | 0.00882 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24732 NEPTUNE AVE | Pyrene | mg/kg | 0.377 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24732 NEPTUNE AVE | Toluene | µg/kg | 0.277 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24732 NEPTUNE AVE | TPH as Diesel | mg/kg | 593.7 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24732 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.191 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24732 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1479 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24732 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.39 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24732 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.1 | Max | 6.2E+05 | 4.7E+02 | 2E-07 | 2E-10 |
| 24732 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.22 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24732 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.022 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 1E-09 |
| 24732 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 0.067 | Max | 1.2E+02 | 1.6E+00 | 6E-04 | 4E-08 |
| 24732 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0314 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24732 PANAMA AVE | Benzene | µg/kg | 0.236 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24732 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.46 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24732 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24732 PANAMA AVE | Naphthalene | mg/kg | 0.019 | Max | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24732 PANAMA AVE | Pyrene | mg/kg | 0.538 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24732 PANAMA AVE | Toluene | µg/kg | 0.222 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24732 PANAMA AVE | TPH as Diesel | mg/kg | 481.5 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24732 PANAMA AVE | TPH as Gasoline | mg/kg | 0.13 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24732 PANAMA AVE | TPH as Motor Oil | mg/kg | 1344 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24732 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.306 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24732 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24732 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0511 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24732 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0984 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24732 RAVENNA AVE | Benzene | µg/kg | 0.23 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24732 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24732 RAVENNA AVE | Naphthalene | mg/kg | 0.0223 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 24732 RAVENNA AVE | Pyrene | mg/kg | 0.193 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24732 RAVENNA AVE | Toluene | µg/kg | 0.309 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24732 RAVENNA AVE | TPH as Diesel | mg/kg | 1009 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24732 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.435 | 95UCL | 7.6E+02 | -- | 6E-04 | -- |
| 24732 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1798 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24732 RAVENNA AVE | Xylenes, Total | µg/kg | 0.269 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24733 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2 | Max | 4.0E+03 | 1.6E+01 | 5E-04 | 1E-07 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24733 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.787 | 95UCL | 2.3E+02 | -- | 3E-03 | -- |
| 24733 MARBELLA AVE | Benzene | µg/kg | 0.188 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24733 MARBELLA AVE | Cobalt | mg/kg | 9.765 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24733 MARBELLA AVE | Ethylbenzene | µg/kg | 280 | Max | 3.3E+06 | 4.8E+03 | 9E-05 | 6E-08 |
| 24733 MARBELLA AVE | Naphthalene | mg/kg | 6.5 | Max | 1.5E+02 | 4.0E+00 | 4E-02 | **2E-06** |
| 24733 MARBELLA AVE | Pyrene | mg/kg | 0.152 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24733 MARBELLA AVE | Toluene | µg/kg | 0.213 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24733 MARBELLA AVE | TPH as Diesel | mg/kg | 1082 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24733 MARBELLA AVE | TPH as Gasoline | mg/kg | 690 | Max | 7.6E+02 | -- | 9E-01 | -- |
| 24733 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1475 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24733 MARBELLA AVE | Xylenes, Total | µg/kg | 0.25 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24733 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.12 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24733 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0734 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-05 | 5E-09 |
| 24733 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.148 | 95UCL | 2.3E+02 | -- | 7E-04 | -- |
| 24733 PANAMA AVE | Benzene | µg/kg | 0.329 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24733 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.59 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24733 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24733 PANAMA AVE | Naphthalene | mg/kg | 0.0931 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-04 | 2E-08 |
| 24733 PANAMA AVE | Pyrene | mg/kg | 0.848 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24733 PANAMA AVE | Toluene | µg/kg | 1.416 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24733 PANAMA AVE | TPH as Diesel | mg/kg | 805.3 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24733 PANAMA AVE | TPH as Gasoline | mg/kg | 0.12 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24733 PANAMA AVE | TPH as Motor Oil | mg/kg | 1579 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24733 PANAMA AVE | Xylenes, Total | µg/kg | 0.2 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24733 RAVENNA AVE | 1,2,3-Trichloropropane | µg/kg | 0.75 | Max | 2.4E+03 | 2.1E+01 | 3E-04 | 4E-08 |
| 24733 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.39 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24733 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.3 | Max | 8.5E+04 | -- | 4E-06 | -- |
| 24733 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.312 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-05 | 2E-08 |
| 24733 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.303 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24733 RAVENNA AVE | Benzene | µg/kg | 0.449 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24733 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.98 | Max | 1.2E+03 | 3.5E+01 | 8E-04 | 3E-08 |
| 24733 RAVENNA AVE | Bromomethane | µg/kg | 2.3 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24733 RAVENNA AVE | Ethylbenzene | µg/kg | 0.83 | Max | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24733 RAVENNA AVE | Naphthalene | mg/kg | 0.0535 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-04 | 1E-08 |
| 24733 RAVENNA AVE | Pyrene | mg/kg | 0.161 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24733 RAVENNA AVE | Thallium | mg/kg | 0.28 | Max | 7.8E-01 | -- | 4E-01 | -- |
| 24733 RAVENNA AVE | Toluene | µg/kg | 0.56 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24733 RAVENNA AVE | TPH as Diesel | mg/kg | 1022 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24733 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.258 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24733 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1689 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24733 RAVENNA AVE | Trichloroethene | µg/kg | 0.18 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 2E-10 |
| 24733 RAVENNA AVE | Xylenes, Total | µg/kg | 0.455 | 95UCL | 5.6E+05 | -- | 8E-07 | -- |
| 24735 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 7.9 | Max | 8.3E+04 | -- | 1E-04 | -- |
| 24735 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.2 | Max | 8.5E+04 | -- | 1E-05 | -- |
| 24735 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0331 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-06 | 2E-09 |
| 24735 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0772 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24735 NEPTUNE AVE | Benzene | µg/kg | 0.254 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24735 NEPTUNE AVE | Ethylbenzene | µg/kg | 2.1 | Max | 3.3E+06 | 4.8E+03 | 6E-07 | 4E-10 |
| 24735 NEPTUNE AVE | Naphthalene | mg/kg | 0.0178 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24735 NEPTUNE AVE | Pyrene | mg/kg | 0.579 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24735 NEPTUNE AVE | Toluene | µg/kg | 0.661 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24735 NEPTUNE AVE | TPH as Diesel | mg/kg | 3188 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24735 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.207 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24735 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6908 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24735 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.889 | 95UCL | 5.6E+05 | -- | 2E-06 | -- |
| 24736 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.32 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24736 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.022 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 1E-09 |
| 24736 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0146 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24736 MARBELLA AVE | Benzene | µg/kg | 0.209 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24736 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.27 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24736 MARBELLA AVE | Cobalt | mg/kg | 9.701 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24736 MARBELLA AVE | Naphthalene | mg/kg | 0.03 | Max | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24736 MARBELLA AVE | Pyrene | mg/kg | 0.101 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24736 MARBELLA AVE | Toluene | µg/kg | 0.339 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24736 MARBELLA AVE | TPH as Diesel | mg/kg | 330.5 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24736 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.199 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24736 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1059 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24736 MARBELLA AVE | Xylenes, Total | µg/kg | 0.24 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24736 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 811.4 | 95UCL | 8.3E+04 | -- | 1E-02 | -- |
| 24736 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 160 | Max | 8.5E+04 | -- | 2E-03 | -- |
| 24736 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.9 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24736 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 3.401 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24736 RAVENNA AVE | Benzene | µg/kg | 25.29 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-04 | 1E-07 |
| 24736 RAVENNA AVE | Ethylbenzene | µg/kg | 370 | Max | 3.3E+06 | 4.8E+03 | 1E-04 | 8E-08 |
| 24736 RAVENNA AVE | Naphthalene | mg/kg | 1.292 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-03 | 3E-07 |
| 24736 RAVENNA AVE | Pyrene | mg/kg | 0.796 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24736 RAVENNA AVE | Toluene | µg/kg | 56 | Max | 4.8E+06 | -- | 1E-05 | -- |
| 24736 RAVENNA AVE | TPH as Diesel | mg/kg | 3990 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24736 RAVENNA AVE | TPH as Gasoline | mg/kg | 270 | Max | 7.6E+02 | -- | 4E-01 | -- |
| 24736 RAVENNA AVE | TPH as Motor Oil | mg/kg | 5213 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24736 RAVENNA AVE | Xylenes, Total | µg/kg | 270 | Max | 5.6E+05 | -- | 5E-04 | -- |
| 24737 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 410 | Max | 8.3E+04 | -- | 5E-03 | -- |
| 24737 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 67 | Max | 8.5E+04 | -- | 8E-04 | -- |
| 24737 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 23 | Max | 4.0E+03 | 1.6E+01 | 6E-03 | **2E-06** |
| 24737 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 13.43 | 95UCL | 2.3E+02 | -- | 6E-02 | -- |
| 24737 MARBELLA AVE | Benzene | µg/kg | 6.418 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-04 | 3E-08 |
| 24737 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24737 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.56 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24737 MARBELLA AVE | Ethylbenzene | µg/kg | 250 | Max | 3.3E+06 | 4.8E+03 | 8E-05 | 5E-08 |
| 24737 MARBELLA AVE | Naphthalene | mg/kg | 4.735 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24737 MARBELLA AVE | Pyrene | mg/kg | 1.304 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24737 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.18 | Max | 8.6E+04 | 5.5E+02 | 2E-06 | 3E-10 |
| 24737 MARBELLA AVE | Toluene | µg/kg | 0.36 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24737 MARBELLA AVE | TPH as Diesel | mg/kg | 6894 | 95UCL | 1.3E+03 | -- | **5E+00** | -- |
| 24737 MARBELLA AVE | TPH as Gasoline | mg/kg | 7.921 | 95UCL | 7.6E+02 | -- | 1E-02 | -- |
| 24737 MARBELLA AVE | TPH as Motor Oil | mg/kg | 8352 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24737 MARBELLA AVE | Xylenes, Total | µg/kg | 210 | Max | 5.6E+05 | -- | 4E-04 | -- |
| 24738 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.244 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24738 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.1 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24738 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.131 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 8E-09 |
| 24738 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.343 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24738 NEPTUNE AVE | Benzene | µg/kg | 0.814 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 4E-09 |
| 24738 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.27 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24738 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.23 | Max | 3.3E+06 | 4.8E+03 | 7E-08 | 5E-11 |
| 24738 NEPTUNE AVE | Naphthalene | mg/kg | 0.175 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 4E-08 |
| 24738 NEPTUNE AVE | Pyrene | mg/kg | 0.276 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24738 NEPTUNE AVE | Toluene | µg/kg | 0.355 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24738 NEPTUNE AVE | TPH as Diesel | mg/kg | 776.4 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24738 NEPTUNE AVE | TPH as Gasoline | mg/kg | 10.07 | 95UCL | 7.6E+02 | -- | 1E-02 | -- |
| 24738 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2021 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24738 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.29 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24738 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.492 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 24738 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.022 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 1E-09 |
| 24738 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.104 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 24738 PANAMA AVE | Benzene | µg/kg | 0.222 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24738 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.43 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24738 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24738 PANAMA AVE | Ethylbenzene | µg/kg | 0.44 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24738 PANAMA AVE | Naphthalene | mg/kg | 0.0206 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24738 PANAMA AVE | Pyrene | mg/kg | 0.425 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24738 PANAMA AVE | Toluene | µg/kg | 0.379 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24738 PANAMA AVE | TPH as Diesel | mg/kg | 867.5 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24738 PANAMA AVE | TPH as Motor Oil | mg/kg | 2272 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24738 PANAMA AVE | Trichloroethene | µg/kg | 0.25 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24738 PANAMA AVE | Xylenes, Total | µg/kg | 0.23 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24739 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.56 | Max | 8.3E+04 | -- | 7E-06 | -- |
| 24739 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.013 | Max | 4.0E+03 | 1.6E+01 | 3E-06 | 8E-10 |
| 24739 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0294 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24739 NEPTUNE AVE | Benzene | µg/kg | 0.187 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24739 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24739 NEPTUNE AVE | Naphthalene | mg/kg | 0.0098 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24739 NEPTUNE AVE | Pyrene | mg/kg | 0.792 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24739 NEPTUNE AVE | Toluene | µg/kg | 0.291 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24739 NEPTUNE AVE | TPH as Diesel | mg/kg | 2785 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24739 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24739 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6235 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24739 NEPTUNE AVE | Trichloroethene | µg/kg | 0.18 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 2E-10 |
| 24739 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.22 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24739 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 12360 | 95UCL | 8.3E+04 | -- | 2E-01 | -- |
| 24739 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 10000 | Max | 8.5E+04 | -- | 1E-01 | -- |
| 24739 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.5 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 2E-10 |
| 24739 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 5.069 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24739 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 10.45 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24739 PANAMA AVE | Benzene | µg/kg | 245.1 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-03 | 1E-06 |
| 24739 PANAMA AVE | Bromomethane | µg/kg | 2.3 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24739 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24739 PANAMA AVE | Ethylbenzene | µg/kg | 8600 | Max | 3.3E+06 | 4.8E+03 | 3E-03 | **2E-06** |
| 24739 PANAMA AVE | Methylene Chloride | µg/kg | 6.09 | 95UCL | 3.6E+05 | 5.3E+03 | 2E-05 | 1E-09 |
| 24739 PANAMA AVE | Naphthalene | mg/kg | 6.424 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | **2E-06** |
| 24739 PANAMA AVE | Pyrene | mg/kg | 0.501 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24739 PANAMA AVE | Toluene | µg/kg | 0.361 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24739 PANAMA AVE | TPH as Diesel | mg/kg | 5301 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24739 PANAMA AVE | TPH as Gasoline | mg/kg | 882.2 | 95UCL | 7.6E+02 | -- | 1E+00 | -- |
| 24739 PANAMA AVE | TPH as Motor Oil | mg/kg | 6749 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24739 PANAMA AVE | Xylenes, Total | µg/kg | 26000 | Max | 5.6E+05 | -- | 5E-02 | -- |
| 24739 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 639.6 | 95UCL | 8.3E+04 | -- | 8E-03 | -- |
| 24739 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 138.6 | 95UCL | 8.5E+04 | -- | 2E-03 | -- |
| 24739 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.36 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 1E-10 |
| 24739 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 5.524 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 4E-07 |
| 24739 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 12.48 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24739 RAVENNA AVE | Benzene | µg/kg | 252.6 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-03 | 1E-06 |
| 24739 RAVENNA AVE | Ethylbenzene | µg/kg | 115.6 | 95UCL | 3.3E+06 | 4.8E+03 | 4E-05 | 2E-08 |
| 24739 RAVENNA AVE | Naphthalene | mg/kg | 4.622 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24739 RAVENNA AVE | Pyrene | mg/kg | 2.975 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 24739 RAVENNA AVE | Toluene | µg/kg | 6.278 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24739 RAVENNA AVE | TPH as Diesel | mg/kg | 7682 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24739 RAVENNA AVE | TPH as Gasoline | mg/kg | 93.61 | 95UCL | 7.6E+02 | -- | 1E-01 | -- |
| 24739 RAVENNA AVE | TPH as Motor Oil | mg/kg | 9981 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24739 RAVENNA AVE | Xylenes, Total | µg/kg | 117.7 | 95UCL | 5.6E+05 | -- | 2E-04 | -- |
| 24740 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.016 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24740 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0304 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24740 MARBELLA AVE | Benzene | µg/kg | 0.269 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24740 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.3 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 9E-09 |
| 24740 MARBELLA AVE | Bromomethane | µg/kg | 1.6 | Max | 8.8E+03 | -- | 2E-04 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24740 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.27 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24740 MARBELLA AVE | Ethylbenzene | µg/kg | 0.18 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24740 MARBELLA AVE | Naphthalene | mg/kg | 0.0224 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 24740 MARBELLA AVE | Pyrene | mg/kg | 0.167 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24740 MARBELLA AVE | Toluene | µg/kg | 0.387 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24740 MARBELLA AVE | TPH as Diesel | mg/kg | 850.9 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24740 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.114 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24740 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1718 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24740 MARBELLA AVE | Xylenes, Total | µg/kg | 0.261 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24741 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0072 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24741 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.018 | Max | 2.3E+02 | -- | 8E-05 | -- |
| 24741 MARBELLA AVE | Naphthalene | mg/kg | 0.0066 | Max | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24741 MARBELLA AVE | Pyrene | mg/kg | 0.027 | Max | 1.7E+03 | -- | 2E-05 | -- |
| 24741 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.45 | Max | 8.6E+04 | 5.5E+02 | 5E-06 | 8E-10 |
| 24741 MARBELLA AVE | Toluene | µg/kg | 0.34 | Max | 4.8E+06 | -- | 7E-08 | -- |
| 24741 MARBELLA AVE | TPH as Diesel | mg/kg | 250 | Max | 1.3E+03 | -- | 2E-01 | -- |
| 24741 MARBELLA AVE | TPH as Motor Oil | mg/kg | 940 | Max | 3.3E+03 | -- | 3E-01 | -- |
| 24743 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.71 | Max | 8.3E+04 | -- | 9E-06 | -- |
| 24743 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.086 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24743 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.058 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-04 | 1E-07 |
| 24743 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.988 | 95UCL | 2.3E+02 | -- | 4E-03 | -- |
| 24743 RAVENNA AVE | Benzene | µg/kg | 0.474 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24743 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 6.9 | Max | 1.2E+03 | 3.5E+01 | 6E-03 | 2E-07 |
| 24743 RAVENNA AVE | Bromomethane | µg/kg | 1.2 | Max | 8.8E+03 | -- | 1E-04 | -- |
| 24743 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.589 | 95UCL | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24743 RAVENNA AVE | Ethylbenzene | µg/kg | 5.4 | Max | 3.3E+06 | 4.8E+03 | 2E-06 | 1E-09 |
| 24743 RAVENNA AVE | Naphthalene | mg/kg | 0.232 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 6E-08 |
| 24743 RAVENNA AVE | Pyrene | mg/kg | 0.574 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24743 RAVENNA AVE | Toluene | µg/kg | 0.195 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24743 RAVENNA AVE | TPH as Diesel | mg/kg | 2197 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24743 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.459 | 95UCL | 7.6E+02 | -- | 6E-04 | -- |
| 24743 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6974 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24743 RAVENNA AVE | Xylenes, Total | µg/kg | 0.59 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24744 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.14 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24744 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2.22 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 1E-07 |
| 24744 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 1.813 | 95UCL | 2.3E+02 | -- | 8E-03 | -- |
| 24744 MARBELLA AVE | Benzene | µg/kg | 0.22 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24744 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.25 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24744 MARBELLA AVE | Bromomethane | µg/kg | 2.5 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24744 MARBELLA AVE | Naphthalene | mg/kg | 0.226 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 6E-08 |
| 24744 MARBELLA AVE | Pyrene | mg/kg | 1.235 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24744 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.6 | Max | 8.6E+04 | 5.5E+02 | 7E-06 | 1E-09 |
| 24744 MARBELLA AVE | Toluene | µg/kg | 0.15 | Max | 4.8E+06 | -- | 3E-08 | -- |
| 24744 MARBELLA AVE | TPH as Diesel | mg/kg | 7978 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24744 MARBELLA AVE | TPH as Motor Oil | mg/kg | 14483 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 24748 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.59 | Max | 8.3E+04 | -- | 7E-06 | -- |
| 24748 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.3 | Max | 4.0E+03 | 1.6E+01 | 8E-05 | 2E-08 |
| 24748 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.186 | 95UCL | 2.3E+02 | -- | 8E-04 | -- |
| 24748 RAVENNA AVE | Benzene | µg/kg | 0.31 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24748 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24748 RAVENNA AVE | Naphthalene | mg/kg | 0.11 | Max | 1.5E+02 | 4.0E+00 | 7E-04 | 3E-08 |
| 24748 RAVENNA AVE | Pyrene | mg/kg | 0.487 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24748 RAVENNA AVE | Toluene | µg/kg | 0.273 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24748 RAVENNA AVE | TPH as Diesel | mg/kg | 1969 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24748 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0758 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24748 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2402 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24748 RAVENNA AVE | Xylenes, Total | µg/kg | 0.34 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24749 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 9.8 | Max | 4.0E+03 | 1.6E+01 | 2E-03 | 6E-07 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24749 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 2.788 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 24749 RAVENNA AVE | Benzene | µg/kg | 0.374 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24749 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.5 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24749 RAVENNA AVE | Naphthalene | mg/kg | 0.957 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-03 | 2E-07 |
| 24749 RAVENNA AVE | Pyrene | mg/kg | 1.325 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24749 RAVENNA AVE | Toluene | µg/kg | 0.577 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24749 RAVENNA AVE | TPH as Diesel | mg/kg | 3249 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24749 RAVENNA AVE | TPH as Gasoline | mg/kg | 1.805 | 95UCL | 7.6E+02 | -- | 2E-03 | -- |
| 24749 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4723 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24752 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.288 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24752 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.083 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24752 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.011 | Max | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24752 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0163 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24752 RAVENNA AVE | Benzene | µg/kg | 0.421 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24752 RAVENNA AVE | Ethylbenzene | µg/kg | 0.19 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24752 RAVENNA AVE | Naphthalene | mg/kg | 0.00944 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24752 RAVENNA AVE | Pyrene | mg/kg | 0.09 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24752 RAVENNA AVE | Toluene | µg/kg | 0.372 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24752 RAVENNA AVE | TPH as Diesel | mg/kg | 711.2 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24752 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.19 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24752 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1724 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24752 RAVENNA AVE | Xylenes, Total | µg/kg | 0.304 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 24802 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.271 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24802 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.14 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24802 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.98 | Max | 4.0E+03 | 1.6E+01 | 2E-04 | 6E-08 |
| 24802 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.153 | 95UCL | 2.3E+02 | -- | 7E-04 | -- |
| 24802 PANAMA AVE | Benzene | µg/kg | 0.257 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24802 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 9.9 | Max | 1.2E+03 | 3.5E+01 | 8E-03 | 3E-07 |
| 24802 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.48 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24802 PANAMA AVE | Ethylbenzene | µg/kg | 0.19 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24802 PANAMA AVE | Naphthalene | mg/kg | 0.00877 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24802 PANAMA AVE | Pyrene | mg/kg | 0.334 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24802 PANAMA AVE | Toluene | µg/kg | 0.238 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24802 PANAMA AVE | TPH as Diesel | mg/kg | 1092 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24802 PANAMA AVE | TPH as Gasoline | mg/kg | 64.21 | 95UCL | 7.6E+02 | -- | 8E-02 | -- |
| 24802 PANAMA AVE | TPH as Motor Oil | mg/kg | 2353 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24802 PANAMA AVE | Trichloroethene | µg/kg | 0.36 | Max | 5.8E+03 | 1.2E+03 | 6E-05 | 3E-10 |
| 24802 PANAMA AVE | Xylenes, Total | µg/kg | 0.77 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24803 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.53 | Max | 8.3E+04 | -- | 6E-06 | -- |
| 24803 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.092 | Max | 4.0E+03 | 1.6E+01 | 2E-05 | 6E-09 |
| 24803 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0681 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24803 NEPTUNE AVE | Benzene | µg/kg | 0.294 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24803 NEPTUNE AVE | Naphthalene | mg/kg | 0.005 | Max | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24803 NEPTUNE AVE | Pyrene | mg/kg | 0.194 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24803 NEPTUNE AVE | Toluene | µg/kg | 0.383 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24803 NEPTUNE AVE | TPH as Diesel | mg/kg | 2349 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24803 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.22 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24803 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5305 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24803 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.58 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24803 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.38 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24803 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 5.683 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 4E-07 |
| 24803 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 10 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24803 PANAMA AVE | Benzene | µg/kg | 0.725 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 3E-09 |
| 24803 PANAMA AVE | Ethylbenzene | µg/kg | 0.22 | Max | 3.3E+06 | 4.8E+03 | 7E-08 | 5E-11 |
| 24803 PANAMA AVE | Naphthalene | mg/kg | 2.672 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 7E-07 |
| 24803 PANAMA AVE | Pyrene | mg/kg | 0.882 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24803 PANAMA AVE | Toluene | µg/kg | 0.284 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24803 PANAMA AVE | TPH as Diesel | mg/kg | 2136 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24803 PANAMA AVE | TPH as Gasoline | mg/kg | 0.1 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24803 PANAMA AVE | TPH as Motor Oil | mg/kg | 3550 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24803 PANAMA AVE | Xylenes, Total | µg/kg | 0.93 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 24808 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.016 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24808 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0392 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24808 PANAMA AVE | Benzene | µg/kg | 0.602 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-06 | 3E-09 |
| 24808 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.14 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 4E-09 |
| 24808 PANAMA AVE | Cadmium | mg/kg | 0.371 | Max | 7.0E+01 | 6.7E+04 | 5E-03 | 6E-12 |
| 24808 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24808 PANAMA AVE | Cobalt | mg/kg | 6.946 | 95UCL | 2.3E+01 | 3.1E+04 | 3E-01 | 2E-10 |
| 24808 PANAMA AVE | Copper | mg/kg | 12.65 | 95UCL | 3.1E+03 | -- | 4E-03 | -- |
| 24808 PANAMA AVE | Lead | mg/kg | 20.47 | 95UCL | 8.0E+01 | -- | 3E-01 | -- |
| 24808 PANAMA AVE | Naphthalene | mg/kg | 0.044 | Max | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24808 PANAMA AVE | Pyrene | mg/kg | 0.252 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24808 PANAMA AVE | Toluene | µg/kg | 1.8 | Max | 4.8E+06 | -- | 4E-07 | -- |
| 24808 PANAMA AVE | TPH as Diesel | mg/kg | 769.3 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24808 PANAMA AVE | TPH as Gasoline | mg/kg | 0.126 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24808 PANAMA AVE | TPH as Motor Oil | mg/kg | 1915 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24808 PANAMA AVE | Vanadium | mg/kg | 25.21 | 95UCL | 3.9E+02 | -- | 6E-02 | -- |
| 24808 PANAMA AVE | Xylenes, Total | µg/kg | 0.33 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24808 PANAMA AVE | Zinc | mg/kg | 50.46 | 95UCL | 2.3E+04 | -- | 2E-03 | -- |
| 24809 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.25 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24809 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.07 | Max | 4.0E+03 | 1.6E+01 | 2E-05 | 5E-09 |
| 24809 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0282 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24809 NEPTUNE AVE | Benzene | µg/kg | 0.131 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 6E-10 |
| 24809 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 2.183 | 95UCL | 1.2E+03 | 3.5E+01 | 2E-03 | 6E-08 |
| 24809 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.14 | Max | 3.3E+06 | 4.8E+03 | 4E-08 | 3E-11 |
| 24809 NEPTUNE AVE | Naphthalene | mg/kg | 0.0157 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24809 NEPTUNE AVE | Pyrene | mg/kg | 0.467 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24809 NEPTUNE AVE | Toluene | µg/kg | 0.42 | Max | 4.8E+06 | -- | 9E-08 | -- |
| 24809 NEPTUNE AVE | TPH as Diesel | mg/kg | 1252 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24809 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.189 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24809 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3173 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24809 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.21 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24809 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 620 | Max | 8.3E+04 | -- | 8E-03 | -- |
| 24809 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 29 | Max | 8.5E+04 | -- | 3E-04 | -- |
| 24809 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.101 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 7E-09 |
| 24809 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.141 | 95UCL | 2.3E+02 | -- | 6E-04 | -- |
| 24809 PANAMA AVE | Benzene | µg/kg | 0.143 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24809 PANAMA AVE | Bromomethane | µg/kg | 610 | Max | 8.8E+03 | -- | 7E-02 | -- |
| 24809 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.17 | 95UCL | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24809 PANAMA AVE | Ethylbenzene | µg/kg | 390 | Max | 3.3E+06 | 4.8E+03 | 1E-04 | 8E-08 |
| 24809 PANAMA AVE | Naphthalene | mg/kg | 0.223 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 6E-08 |
| 24809 PANAMA AVE | Pyrene | mg/kg | 0.562 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24809 PANAMA AVE | Toluene | µg/kg | 26 | Max | 4.8E+06 | -- | 5E-06 | -- |
| 24809 PANAMA AVE | TPH as Diesel | mg/kg | 997.2 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24809 PANAMA AVE | TPH as Gasoline | mg/kg | 350 | Max | 7.6E+02 | -- | 5E-01 | -- |
| 24809 PANAMA AVE | TPH as Motor Oil | mg/kg | 2514 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24809 PANAMA AVE | Xylenes, Total | µg/kg | 110 | Max | 5.6E+05 | -- | 2E-04 | -- |
| 24812 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.25 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24812 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.17 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 6E-11 |
| 24812 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0229 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-06 | 2E-09 |
| 24812 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.104 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 24812 PANAMA AVE | Benzene | µg/kg | 0.184 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24812 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24812 PANAMA AVE | Naphthalene | mg/kg | 0.0446 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24812 PANAMA AVE | Pyrene | mg/kg | 0.226 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24812 PANAMA AVE | Toluene | µg/kg | 0.23 | Max | 4.8E+06 | -- | 5E-08 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24812 PANAMA AVE | TPH as Diesel | mg/kg | 1028 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24812 PANAMA AVE | TPH as Motor Oil | mg/kg | 2513 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24812 PANAMA AVE | Xylenes, Total | µg/kg | 0.18 | Max | 5.6E+05 | -- | 3E-07 | -- |
| 24813 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.45 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24813 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0083 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24813 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.048 | Max | 2.3E+02 | -- | 2E-04 | -- |
| 24813 PANAMA AVE | Benzene | µg/kg | 2.1 | Max | 6.7E+04 | 2.2E+02 | 3E-05 | 1E-08 |
| 24813 PANAMA AVE | Cobalt | mg/kg | 11.3 | Max | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24813 PANAMA AVE | Ethylbenzene | µg/kg | 0.37 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 8E-11 |
| 24813 PANAMA AVE | Naphthalene | mg/kg | 0.022 | Max | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 24813 PANAMA AVE | Pyrene | mg/kg | 0.41 | Max | 1.7E+03 | -- | 2E-04 | -- |
| 24813 PANAMA AVE | Toluene | µg/kg | 1.5 | Max | 4.8E+06 | -- | 3E-07 | -- |
| 24813 PANAMA AVE | TPH as Diesel | mg/kg | 630 | Max | 1.3E+03 | -- | 5E-01 | -- |
| 24813 PANAMA AVE | TPH as Gasoline | mg/kg | 0.054 | Max | 7.6E+02 | -- | 7E-05 | -- |
| 24813 PANAMA AVE | TPH as Motor Oil | mg/kg | 1800 | Max | 3.3E+03 | -- | 6E-01 | -- |
| 24813 PANAMA AVE | Xylenes, Total | µg/kg | 0.45 | Max | 5.6E+05 | -- | 8E-07 | -- |
| 24815 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.392 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 24815 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0211 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24815 NEPTUNE AVE | Benzene | µg/kg | 0.299 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24815 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.55 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24815 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24815 NEPTUNE AVE | Naphthalene | mg/kg | 0.012 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24815 NEPTUNE AVE | Pyrene | mg/kg | 0.835 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24815 NEPTUNE AVE | Toluene | µg/kg | 0.818 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24815 NEPTUNE AVE | TPH as Diesel | mg/kg | 264.7 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24815 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.27 | 95UCL | 7.6E+02 | -- | 4E-04 | -- |
| 24815 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1078 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24815 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.38 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24818 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.14 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24818 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.055 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 7E-08 |
| 24818 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.752 | 95UCL | 2.3E+02 | -- | 3E-03 | -- |
| 24818 PANAMA AVE | Benzene | µg/kg | 0.562 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 3E-09 |
| 24818 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.391 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24818 PANAMA AVE | Naphthalene | mg/kg | 0.011 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24818 PANAMA AVE | Pyrene | mg/kg | 2.263 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24818 PANAMA AVE | Toluene | µg/kg | 0.327 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24818 PANAMA AVE | TPH as Diesel | mg/kg | 7693 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24818 PANAMA AVE | TPH as Gasoline | mg/kg | 0.155 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24818 PANAMA AVE | TPH as Motor Oil | mg/kg | 10551 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24818 PANAMA AVE | Xylenes, Total | µg/kg | 0.214 | 95UCL | 5.6E+05 | -- | 4E-07 | -- |
| 24819 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 1.3 | Max | 2.4E+03 | 2.1E+01 | 6E-04 | 6E-08 |
| 24819 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3.3 | Max | 8.3E+04 | -- | 4E-05 | -- |
| 24819 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.44 | Max | 8.5E+04 | -- | 5E-06 | -- |
| 24819 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0103 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24819 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0375 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24819 PANAMA AVE | Benzene | µg/kg | 0.467 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24819 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.9 | Max | 1.2E+03 | 3.5E+01 | 2E-03 | 6E-08 |
| 24819 PANAMA AVE | Bromomethane | µg/kg | 2.2 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24819 PANAMA AVE | Ethylbenzene | µg/kg | 0.79 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 2E-10 |
| 24819 PANAMA AVE | Naphthalene | mg/kg | 0.0179 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24819 PANAMA AVE | Pyrene | mg/kg | 0.125 | 95UCL | 1.7E+03 | -- | 7E-05 | -- |
| 24819 PANAMA AVE | Toluene | µg/kg | 0.603 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24819 PANAMA AVE | TPH as Diesel | mg/kg | 485.8 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24819 PANAMA AVE | TPH as Gasoline | mg/kg | 0.16 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24819 PANAMA AVE | TPH as Motor Oil | mg/kg | 1123 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24819 PANAMA AVE | Xylenes, Total | µg/kg | 0.821 | 95UCL | 5.6E+05 | -- | 2E-06 | -- |
| 24822 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 1.1 | Max | 2.4E+03 | 2.1E+01 | 5E-04 | 5E-08 |
| 24822 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.528 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24822 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.84 | Max | 8.5E+04 | -- | 1E-05 | -- |
| 24822 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0263 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-06 | 2E-09 |
| 24822 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0941 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24822 PANAMA AVE | Benzene | µg/kg | 0.385 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24822 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.63 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24822 PANAMA AVE | Bromomethane | µg/kg | 1.8 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24822 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.265 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24822 PANAMA AVE | Ethylbenzene | µg/kg | 0.46 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 1E-10 |
| 24822 PANAMA AVE | Naphthalene | mg/kg | 0.013 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 24822 PANAMA AVE | Pyrene | mg/kg | 0.418 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24822 PANAMA AVE | Toluene | µg/kg | 0.347 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24822 PANAMA AVE | TPH as Diesel | mg/kg | 877.2 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24822 PANAMA AVE | TPH as Gasoline | mg/kg | 0.33 | Max | 7.6E+02 | -- | 4E-04 | -- |
| 24822 PANAMA AVE | TPH as Motor Oil | mg/kg | 2809 | 95UCL | 3.3E+03 | -- | 9E-01 | -- |
| 24822 PANAMA AVE | Xylenes, Total | µg/kg | 0.354 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 24823 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 92.19 | 95UCL | 8.3E+04 | -- | 1E-03 | -- |
| 24823 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.2 | Max | 8.5E+04 | -- | 1E-05 | -- |
| 24823 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.726 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 1E-07 |
| 24823 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.398 | 95UCL | 2.3E+02 | -- | 6E-03 | -- |
| 24823 PANAMA AVE | Benzene | µg/kg | 0.179 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24823 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.45 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24823 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.16 | Max | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24823 PANAMA AVE | Ethylbenzene | µg/kg | 16 | Max | 3.3E+06 | 4.8E+03 | 5E-06 | 3E-09 |
| 24823 PANAMA AVE | Naphthalene | mg/kg | 0.656 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-03 | 2E-07 |
| 24823 PANAMA AVE | Pyrene | mg/kg | 0.253 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24823 PANAMA AVE | Toluene | µg/kg | 0.258 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24823 PANAMA AVE | TPH as Diesel | mg/kg | 1548 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24823 PANAMA AVE | TPH as Gasoline | mg/kg | 134.9 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24823 PANAMA AVE | TPH as Motor Oil | mg/kg | 2514 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24823 PANAMA AVE | Xylenes, Total | µg/kg | 2.7 | Max | 5.6E+05 | -- | 5E-06 | -- |
| 24825 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.47 | Max | 8.3E+04 | -- | 6E-06 | -- |
| 24825 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.24 | Max | 3.6E+06 | 2.8E+03 | 7E-08 | 9E-11 |
| 24825 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00569 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 24825 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0184 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24825 NEPTUNE AVE | Benzene | µg/kg | 0.18 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24825 NEPTUNE AVE | Bromomethane | µg/kg | 1.5 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24825 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.283 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24825 NEPTUNE AVE | Naphthalene | mg/kg | 0.0111 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24825 NEPTUNE AVE | Pyrene | mg/kg | 0.056 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24825 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.28 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 5E-10 |
| 24825 NEPTUNE AVE | Toluene | µg/kg | 1.991 | 95UCL | 4.8E+06 | -- | 4E-07 | -- |
| 24825 NEPTUNE AVE | TPH as Diesel | mg/kg | 229.9 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24825 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.179 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24825 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 670 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24825 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.29 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24828 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.62 | Max | 8.3E+04 | -- | 8E-06 | -- |
| 24828 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.11 | Max | 4.0E+03 | 1.6E+01 | 3E-05 | 7E-09 |
| 24828 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0236 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24828 PANAMA AVE | Benzene | µg/kg | 0.205 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24828 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.12 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 4E-09 |
| 24828 PANAMA AVE | Bromodichloromethane | µg/kg | 0.37 | Max | 4.3E+05 | 4.9E+02 | 9E-07 | 8E-10 |
| 24828 PANAMA AVE | Naphthalene | mg/kg | 0.00971 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24828 PANAMA AVE | Pyrene | mg/kg | 2.906 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 24828 PANAMA AVE | TPH as Diesel | mg/kg | 3983 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24828 PANAMA AVE | TPH as Gasoline | mg/kg | 0.53 | Max | 7.6E+02 | -- | 7E-04 | -- |
| 24828 PANAMA AVE | TPH as Motor Oil | mg/kg | 11431 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24829 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.304 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24829 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0281 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-06 | 2E-09 |
| 24829 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0789 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24829 PANAMA AVE | Benzene | µg/kg | 0.231 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24829 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 3.1 | Max | 1.2E+03 | 3.5E+01 | 3E-03 | 9E-08 |
| 24829 PANAMA AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24829 PANAMA AVE | Naphthalene | mg/kg | 0.0321 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24829 PANAMA AVE | Pyrene | mg/kg | 0.575 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24829 PANAMA AVE | Toluene | µg/kg | 0.265 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24829 PANAMA AVE | TPH as Diesel | mg/kg | 806.7 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24829 PANAMA AVE | TPH as Gasoline | mg/kg | 86 | Max | 7.6E+02 | -- | 1E-01 | -- |
| 24829 PANAMA AVE | TPH as Motor Oil | mg/kg | 1331 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24829 PANAMA AVE | Xylenes, Total | µg/kg | 0.54 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24832 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.658 | 95UCL | 8.3E+04 | -- | 8E-06 | -- |
| 24832 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.43 | Max | 8.5E+04 | -- | 5E-06 | -- |
| 24832 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0252 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-06 | 2E-09 |
| 24832 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0902 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24832 PANAMA AVE | Benzene | µg/kg | 0.228 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24832 PANAMA AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24832 PANAMA AVE | Ethylbenzene | µg/kg | 0.44 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24832 PANAMA AVE | Naphthalene | mg/kg | 0.0432 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24832 PANAMA AVE | Pyrene | mg/kg | 0.384 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24832 PANAMA AVE | Toluene | µg/kg | 0.239 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24832 PANAMA AVE | TPH as Diesel | mg/kg | 441.9 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24832 PANAMA AVE | TPH as Gasoline | mg/kg | 0.11 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24832 PANAMA AVE | TPH as Motor Oil | mg/kg | 925.8 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24832 PANAMA AVE | Vinyl Chloride | µg/kg | 0.338 | 95UCL | 7.4E+04 | 3.2E+01 | 5E-06 | 1E-08 |
| 24832 PANAMA AVE | Xylenes, Total | µg/kg | 0.832 | 95UCL | 5.6E+05 | -- | 2E-06 | -- |
| 24833 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.439 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24833 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0089 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24833 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00895 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24833 PANAMA AVE | Benzene | µg/kg | 0.657 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 3E-09 |
| 24833 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24833 PANAMA AVE | Bromomethane | µg/kg | 2 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24833 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24833 PANAMA AVE | Ethylbenzene | µg/kg | 0.44 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24833 PANAMA AVE | Naphthalene | mg/kg | 0.00317 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 8E-10 |
| 24833 PANAMA AVE | Pyrene | mg/kg | 0.219 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24833 PANAMA AVE | Toluene | µg/kg | 0.653 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24833 PANAMA AVE | TPH as Diesel | mg/kg | 584.9 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24833 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0744 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24833 PANAMA AVE | TPH as Motor Oil | mg/kg | 1418 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24833 PANAMA AVE | Xylenes, Total | µg/kg | 1.2 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 24838 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.56 | Max | 8.3E+04 | -- | 7E-06 | -- |
| 24838 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.15 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24838 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.015 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24838 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.117 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 24838 PANAMA AVE | Benzene | µg/kg | 0.49 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24838 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.36 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24838 PANAMA AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24838 PANAMA AVE | Methylene Chloride | µg/kg | 29 | Max | 3.6E+05 | 5.3E+03 | 8E-05 | 6E-09 |
| 24838 PANAMA AVE | Naphthalene | mg/kg | 0.00895 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24838 PANAMA AVE | Pyrene | mg/kg | 0.435 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24838 PANAMA AVE | Toluene | µg/kg | 0.373 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24838 PANAMA AVE | TPH as Diesel | mg/kg | 6718 | 95UCL | 1.3E+03 | -- | **5E+00** | -- |
| 24838 PANAMA AVE | TPH as Gasoline | mg/kg | 0.109 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24838 PANAMA AVE | TPH as Motor Oil | mg/kg | 15987 | 95UCL | 3.3E+03 | -- | **5E+00** | -- |
| 24838 PANAMA AVE | Xylenes, Total | µg/kg | 0.31 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 24904 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.37 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24904 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.04 | Max | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24904 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0539 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24904 NEPTUNE AVE | Benzene | µg/kg | 0.285 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24904 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24904 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24904 NEPTUNE AVE | Naphthalene | mg/kg | 0.0181 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24904 NEPTUNE AVE | Pyrene | mg/kg | 0.469 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24904 NEPTUNE AVE | Toluene | µg/kg | 0.197 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24904 NEPTUNE AVE | TPH as Diesel | mg/kg | 405.3 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24904 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0801 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24904 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1068 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24904 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.72 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24912 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.18 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24912 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 7E-11 |
| 24912 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00349 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-07 | 2E-10 |
| 24912 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0207 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24912 NEPTUNE AVE | Benzene | µg/kg | 0.464 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24912 NEPTUNE AVE | Bromomethane | µg/kg | 3.3 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24912 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.333 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24912 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24912 NEPTUNE AVE | Naphthalene | mg/kg | 0.00753 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24912 NEPTUNE AVE | Pyrene | mg/kg | 0.198 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24912 NEPTUNE AVE | Toluene | µg/kg | 0.298 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24912 NEPTUNE AVE | TPH as Diesel | mg/kg | 60.44 | 95UCL | 1.3E+03 | -- | 5E-02 | -- |
| 24912 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.059 | Max | 7.6E+02 | -- | 8E-05 | -- |
| 24912 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 180.3 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |
| 24912 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.49 | Max | 5.6E+05 | -- | 9E-07 | -- |
| 301 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 1.5 | Max | 8.3E+04 | -- | 2E-05 | -- |
| 301 244TH ST | 1-Methylnaphthalene | mg/kg | 0.01 | Max | 4.0E+03 | 1.6E+01 | 3E-06 | 6E-10 |
| 301 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0331 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 301 244TH ST | Benzene | µg/kg | 0.311 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 301 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.541 | 95UCL | 1.2E+03 | 3.5E+01 | 4E-04 | 2E-08 |
| 301 244TH ST | Cobalt | mg/kg | 9.631 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 301 244TH ST | Naphthalene | mg/kg | 0.00537 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 301 244TH ST | Pyrene | mg/kg | 0.282 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 301 244TH ST | Toluene | µg/kg | 0.469 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 301 244TH ST | TPH as Diesel | mg/kg | 442.3 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 301 244TH ST | TPH as Gasoline | mg/kg | 0.126 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 301 244TH ST | TPH as Motor Oil | mg/kg | 1080 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 301 244TH ST | Xylenes, Total | µg/kg | 0.37 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 305 244TH ST | 1,2,3-Trichloropropane | µg/kg | 0.59 | Max | 2.4E+03 | 2.1E+01 | 3E-04 | 3E-08 |
| 305 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 400 | Max | 8.3E+04 | -- | 5E-03 | -- |
| 305 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 110 | Max | 8.5E+04 | -- | 1E-03 | -- |
| 305 244TH ST | 1-Methylnaphthalene | mg/kg | 4.2 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 305 244TH ST | 2-Methylnaphthalene | mg/kg | 2.09 | 95UCL | 2.3E+02 | -- | 9E-03 | -- |
| 305 244TH ST | Benzene | µg/kg | 0.19 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 305 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 2.4 | Max | 1.2E+03 | 3.5E+01 | 2E-03 | 7E-08 |
| 305 244TH ST | Chromium, Hexavalent | mg/kg | 0.48 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 305 244TH ST | Cobalt | mg/kg | 10.24 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 305 244TH ST | Ethylbenzene | µg/kg | 35 | Max | 3.3E+06 | 4.8E+03 | 1E-05 | 7E-09 |
| 305 244TH ST | Naphthalene | mg/kg | 0.331 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 8E-08 |
| 305 244TH ST | Pyrene | mg/kg | 13.14 | 95UCL | 1.7E+03 | -- | 8E-03 | -- |
| 305 244TH ST | Toluene | µg/kg | 0.251 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 305 244TH ST | TPH as Diesel | mg/kg | 10746 | 95UCL | 1.3E+03 | -- | **8E+00** | -- |
| 305 244TH ST | TPH as Gasoline | mg/kg | 12.73 | 95UCL | 7.6E+02 | -- | 2E-02 | -- |
| 305 244TH ST | TPH as Motor Oil | mg/kg | 20137 | 95UCL | 3.3E+03 | -- | **6E+00** | -- |
| 305 244TH ST | Xylenes, Total | µg/kg | 190 | Max | 5.6E+05 | -- | 3E-04 | -- |
| 311 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.19 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 311 244TH ST | 1-Methylnaphthalene | mg/kg | 2.2 | Max | 4.0E+03 | 1.6E+01 | 6E-04 | 1E-07 |
| 311 244TH ST | 2-Methylnaphthalene | mg/kg | 0.411 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 311 244TH ST | Benzene | µg/kg | 0.673 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 3E-09 |
| 311 244TH ST | Benzo (a) Anthracene | mg/kg | 2.093 | 95UCL | -- | 1.6E+00 | -- | 1E-06 |
| 311 244TH ST | Benzo (a) Pyrene | mg/kg | 1.222 | 95UCL | -- | 1.6E-01 | -- | **8E-06** |
| 311 244TH ST | Benzo (b) Fluoranthene | mg/kg | 0.834 | 95UCL | -- | 1.6E+00 | -- | 5E-07 |
| 311 244TH ST | Benzo (k) Fluoranthene | mg/kg | 0.00398 | 95UCL | -- | 1.6E+00 | -- | 3E-09 |
| 311 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.6 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 311 244TH ST | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 311 244TH ST | Chrysene | mg/kg | 5.92 | 95UCL | -- | 1.6E+01 | -- | 4E-07 |
| 311 244TH ST | Cobalt | mg/kg | 9.87 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 311 244TH ST | Dibenz (a,h) Anthracene | mg/kg | 0.081 | Max | -- | 1.1E-01 | -- | 7E-07 |
| 311 244TH ST | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.222 | 95UCL | -- | 1.6E+00 | -- | 1E-07 |
| 311 244TH ST | Naphthalene | mg/kg | 0.01 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 311 244TH ST | Pyrene | mg/kg | 13.48 | 95UCL | 1.7E+03 | -- | 8E-03 | -- |
| 311 244TH ST | Toluene | µg/kg | 0.533 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 311 244TH ST | TPH as Diesel | mg/kg | 13369 | 95UCL | 1.3E+03 | -- | **1E+01** | -- |
| 311 244TH ST | TPH as Gasoline | mg/kg | 0.104 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 311 244TH ST | TPH as Motor Oil | mg/kg | 30336 | 95UCL | 3.3E+03 | -- | **9E+00** | -- |
| 311 244TH ST | Vanadium | mg/kg | 34.48 | 95UCL | 3.9E+02 | -- | 9E-02 | -- |
| 317 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.17 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 317 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.16 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 317 244TH ST | 1-Methylnaphthalene | mg/kg | 3.099 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 317 244TH ST | 2-Methylnaphthalene | mg/kg | 4.668 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 317 244TH ST | Benzene | µg/kg | 0.253 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 317 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 317 244TH ST | Bromodichloromethane | µg/kg | 1.1 | Max | 4.3E+05 | 4.9E+02 | 3E-06 | 2E-09 |
| 317 244TH ST | Cobalt | mg/kg | 10.19 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 317 244TH ST | Naphthalene | mg/kg | 0.385 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-03 | 1E-07 |
| 317 244TH ST | Pyrene | mg/kg | 36.28 | 95UCL | 1.7E+03 | -- | 2E-02 | -- |
| 317 244TH ST | Toluene | µg/kg | 0.325 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 317 244TH ST | TPH as Diesel | mg/kg | 21427 | 95UCL | 1.3E+03 | -- | **2E+01** | -- |
| 317 244TH ST | TPH as Gasoline | mg/kg | 0.126 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 317 244TH ST | TPH as Motor Oil | mg/kg | 41367 | 95UCL | 3.3E+03 | -- | **1E+01** | -- |
| 317 244TH ST | Xylenes, Total | µg/kg | 0.31 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 321 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.19 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 321 244TH ST | 1-Methylnaphthalene | mg/kg | 0.00633 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 321 244TH ST | 2-Methylnaphthalene | mg/kg | 0.014 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 321 244TH ST | Benzene | µg/kg | 0.244 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 321 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 321 244TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 321 244TH ST | Cobalt | mg/kg | 11.65 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 321 244TH ST | Naphthalene | mg/kg | 0.00539 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 321 244TH ST | Pyrene | mg/kg | 0.0343 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 321 244TH ST | Toluene | µg/kg | 2.145 | 95UCL | 4.8E+06 | -- | 5E-07 | -- |
| 321 244TH ST | TPH as Diesel | mg/kg | 93.4 | 95UCL | 1.3E+03 | -- | 7E-02 | -- |
| 321 244TH ST | TPH as Gasoline | mg/kg | 0.0676 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 321 244TH ST | TPH as Motor Oil | mg/kg | 284.4 | 95UCL | 3.3E+03 | -- | 9E-02 | -- |
| 321 244TH ST | Vanadium | mg/kg | 38.22 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 321 244TH ST | Xylenes, Total | µg/kg | 0.72 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 327 244TH ST | 2-Methylnaphthalene | mg/kg | 0.004 | Max | 2.3E+02 | -- | 2E-05 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 327 244TH ST | Benzene | µg/kg | 0.2 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 327 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 327 244TH ST | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 327 244TH ST | Cobalt | mg/kg | 12.7 | Max | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 327 244TH ST | Naphthalene | mg/kg | 0.0011 | Max | 1.5E+02 | 4.0E+00 | 7E-06 | 3E-10 |
| 327 244TH ST | Pyrene | mg/kg | 0.012 | Max | 1.7E+03 | -- | 7E-06 | -- |
| 327 244TH ST | Toluene | µg/kg | 0.23 | Max | 4.8E+06 | -- | 5E-08 | -- |
| 327 244TH ST | TPH as Diesel | mg/kg | 150 | Max | 1.3E+03 | -- | 1E-01 | -- |
| 327 244TH ST | TPH as Gasoline | mg/kg | 0.056 | Max | 7.6E+02 | -- | 7E-05 | -- |
| 327 244TH ST | TPH as Motor Oil | mg/kg | 230 | Max | 3.3E+03 | -- | 7E-02 | -- |
| 327 244TH ST | Vanadium | mg/kg | 46.5 | Max | 3.9E+02 | -- | 1E-01 | -- |
| 331 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0028 | Max | 4.0E+03 | 1.6E+01 | 7E-07 | 2E-10 |
| 331 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00331 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 331 244TH ST | Benzene | µg/kg | 0.331 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 331 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.73 | Max | 1.2E+03 | 3.5E+01 | 6E-04 | 2E-08 |
| 331 244TH ST | Cobalt | mg/kg | 11.19 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 331 244TH ST | Naphthalene | mg/kg | 0.00264 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 7E-10 |
| 331 244TH ST | Pyrene | mg/kg | 0.0204 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 331 244TH ST | Toluene | µg/kg | 0.24 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 331 244TH ST | TPH as Diesel | mg/kg | 65.29 | 95UCL | 1.3E+03 | -- | 5E-02 | -- |
| 331 244TH ST | TPH as Gasoline | mg/kg | 0.0774 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 331 244TH ST | TPH as Motor Oil | mg/kg | 268.6 | 95UCL | 3.3E+03 | -- | 8E-02 | -- |
| 331 244TH ST | Vanadium | mg/kg | 35.69 | 95UCL | 3.9E+02 | -- | 9E-02 | -- |
| 337 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.12 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 337 244TH ST | 1-Methylnaphthalene | mg/kg | 0.00364 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-07 | 2E-10 |
| 337 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00673 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 337 244TH ST | Benzene | µg/kg | 0.239 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 337 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.486 | 95UCL | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 337 244TH ST | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 337 244TH ST | Cobalt | mg/kg | 10.63 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 337 244TH ST | Ethylbenzene | µg/kg | 0.35 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 7E-11 |
| 337 244TH ST | Naphthalene | mg/kg | 0.00358 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 9E-10 |
| 337 244TH ST | Pyrene | mg/kg | 0.027 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 337 244TH ST | Toluene | µg/kg | 0.294 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 337 244TH ST | TPH as Diesel | mg/kg | 1351 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 337 244TH ST | TPH as Gasoline | mg/kg | 3.258 | 95UCL | 7.6E+02 | -- | 4E-03 | -- |
| 337 244TH ST | TPH as Motor Oil | mg/kg | 887.5 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 337 244TH ST | Vanadium | mg/kg | 35.94 | 95UCL | 3.9E+02 | -- | 9E-02 | -- |
| 341 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.196 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 341 244TH ST | 1,4-Dichlorobenzene | µg/kg | 0.29 | Max | 3.6E+06 | 2.8E+03 | 8E-08 | 1E-10 |
| 341 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0056 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 341 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00498 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 341 244TH ST | Benzene | µg/kg | 0.228 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 341 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.86 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 3E-08 |
| 341 244TH ST | Bromomethane | µg/kg | 5.6 | Max | 8.8E+03 | -- | 6E-04 | -- |
| 341 244TH ST | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 341 244TH ST | Cobalt | mg/kg | 12.34 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 341 244TH ST | Naphthalene | mg/kg | 0.00218 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 6E-10 |
| 341 244TH ST | Pyrene | mg/kg | 0.0421 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 341 244TH ST | Toluene | µg/kg | 0.254 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 341 244TH ST | TPH as Diesel | mg/kg | 63.46 | 95UCL | 1.3E+03 | -- | 5E-02 | -- |
| 341 244TH ST | TPH as Gasoline | mg/kg | 0.0803 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 341 244TH ST | TPH as Motor Oil | mg/kg | 154.7 | 95UCL | 3.3E+03 | -- | 5E-02 | -- |
| 341 244TH ST | Xylenes, Total | µg/kg | 0.45 | Max | 5.6E+05 | -- | 8E-07 | -- |
| 344 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.286 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 344 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0016 | Max | 4.0E+03 | 1.6E+01 | 4E-07 | 1E-10 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 344 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0773 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 344 249TH ST | Benzene | µg/kg | 0.543 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 3E-09 |
| 344 249TH ST | Naphthalene | mg/kg | 0.0181 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 344 249TH ST | Pyrene | mg/kg | 1.155 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 344 249TH ST | Toluene | µg/kg | 0.313 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 344 249TH ST | TPH as Diesel | mg/kg | 219.1 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 344 249TH ST | TPH as Gasoline | mg/kg | 0.086 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 344 249TH ST | TPH as Motor Oil | mg/kg | 1473 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 344 249TH ST | Xylenes, Total | µg/kg | 0.97 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 345 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.36 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 345 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0103 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 345 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0449 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 345 249TH ST | Benzene | µg/kg | 0.202 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 345 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.44 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 345 249TH ST | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 345 249TH ST | Naphthalene | mg/kg | 0.00843 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 345 249TH ST | Pyrene | mg/kg | 0.39 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 345 249TH ST | Toluene | µg/kg | 0.387 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 345 249TH ST | TPH as Diesel | mg/kg | 670.9 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 345 249TH ST | TPH as Gasoline | mg/kg | 0.0836 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 345 249TH ST | TPH as Motor Oil | mg/kg | 1709 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 345 249TH ST | Xylenes, Total | µg/kg | 0.251 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 347 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.243 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 347 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.13 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 347 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00452 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 347 244TH ST | Benzene | µg/kg | 0.183 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 347 244TH ST | Chromium, Hexavalent | mg/kg | 0.48 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 347 244TH ST | Cobalt | mg/kg | 11.69 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 347 244TH ST | Naphthalene | mg/kg | 0.0047 | Max | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 347 244TH ST | Pyrene | mg/kg | 0.0158 | 95UCL | 1.7E+03 | -- | 9E-06 | -- |
| 347 244TH ST | Toluene | µg/kg | 0.323 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 347 244TH ST | TPH as Diesel | mg/kg | 170.7 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 347 244TH ST | TPH as Gasoline | mg/kg | 0.096 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 347 244TH ST | TPH as Motor Oil | mg/kg | 558.3 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 347 244TH ST | Xylenes, Total | µg/kg | 0.23 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 348 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.692 | 95UCL | 8.3E+04 | -- | 8E-06 | -- |
| 348 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 1.9 | Max | 8.5E+04 | -- | 2E-05 | -- |
| 348 248TH ST | 1-Methylnaphthalene | mg/kg | 0.0261 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-06 | 2E-09 |
| 348 248TH ST | 2-Methylnaphthalene | mg/kg | 0.0971 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 348 248TH ST | Benzene | µg/kg | 5.856 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-05 | 3E-08 |
| 348 248TH ST | Bromodichloromethane | µg/kg | 0.19 | Max | 4.3E+05 | 4.9E+02 | 4E-07 | 4E-10 |
| 348 248TH ST | Bromomethane | µg/kg | 3.7 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 348 248TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 348 248TH ST | Ethylbenzene | µg/kg | 0.26 | 95UCL | 3.3E+06 | 4.8E+03 | 8E-08 | 5E-11 |
| 348 248TH ST | Naphthalene | mg/kg | 0.0261 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |
| 348 248TH ST | Pyrene | mg/kg | 0.338 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 348 248TH ST | Tetrachloroethene | µg/kg | 0.34 | Max | 8.6E+04 | 5.5E+02 | 4E-06 | 6E-10 |
| 348 248TH ST | Toluene | µg/kg | 1.071 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 348 248TH ST | TPH as Diesel | mg/kg | 695.1 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 348 248TH ST | TPH as Gasoline | mg/kg | 0.164 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 348 248TH ST | TPH as Motor Oil | mg/kg | 1856 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 348 248TH ST | Xylenes, Total | µg/kg | 0.621 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 348 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.59 | Max | 8.3E+04 | -- | 7E-06 | -- |
| 348 249TH ST | 1-Methylnaphthalene | mg/kg | 0.00882 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 348 249TH ST | 2-Methylnaphthalene | mg/kg | 0.035 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 348 249TH ST | Benzene | µg/kg | 0.218 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 348 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 348 249TH ST | Bromomethane | µg/kg | 2.7 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 348 249TH ST | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 348 249TH ST | Naphthalene | mg/kg | 0.0132 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 348 249TH ST | Pyrene | mg/kg | 0.294 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 348 249TH ST | Toluene | µg/kg | 0.265 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 348 249TH ST | TPH as Diesel | mg/kg | 253.2 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 348 249TH ST | TPH as Gasoline | mg/kg | 0.0684 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 348 249TH ST | TPH as Motor Oil | mg/kg | 793.2 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 348 249TH ST | Xylenes, Total | µg/kg | 0.2 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 351 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.224 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 351 244TH ST | 1-Methylnaphthalene | mg/kg | 0.00375 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-07 | 2E-10 |
| 351 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00674 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 351 244TH ST | Benzene | µg/kg | 0.697 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 3E-09 |
| 351 244TH ST | Chromium, Hexavalent | mg/kg | 0.315 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 351 244TH ST | Cobalt | mg/kg | 11.37 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 351 244TH ST | Ethylbenzene | µg/kg | 0.21 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 351 244TH ST | Naphthalene | mg/kg | 0.00401 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 351 244TH ST | Pyrene | mg/kg | 0.0244 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 351 244TH ST | Toluene | µg/kg | 0.498 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 351 244TH ST | TPH as Diesel | mg/kg | 203.1 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 351 244TH ST | TPH as Gasoline | mg/kg | 0.21 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 351 244TH ST | TPH as Motor Oil | mg/kg | 685.6 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 351 244TH ST | Xylenes, Total | µg/kg | 0.53 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 352 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.542 | 95UCL | 8.3E+04 | -- | 7E-06 | -- |
| 352 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0087 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 352 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0242 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 352 249TH ST | Benzene | µg/kg | 0.454 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 352 249TH ST | Chromium, Hexavalent | mg/kg | 0.23 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 352 249TH ST | Ethylbenzene | µg/kg | 0.212 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-08 | 4E-11 |
| 352 249TH ST | Naphthalene | mg/kg | 0.0152 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 352 249TH ST | Pyrene | mg/kg | 0.136 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |
| 352 249TH ST | Toluene | µg/kg | 2.265 | 95UCL | 4.8E+06 | -- | 5E-07 | -- |
| 352 249TH ST | TPH as Diesel | mg/kg | 425.6 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 352 249TH ST | TPH as Gasoline | mg/kg | 2.697 | 95UCL | 7.6E+02 | -- | 4E-03 | -- |
| 352 249TH ST | TPH as Motor Oil | mg/kg | 1105 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 352 249TH ST | Xylenes, Total | µg/kg | 0.757 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 353 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.293 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 353 249TH ST | 1-Methylnaphthalene | mg/kg | 0.015 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 353 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0126 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 353 249TH ST | Benzene | µg/kg | 0.309 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 353 249TH ST | Chromium, Hexavalent | mg/kg | 0.299 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 353 249TH ST | Naphthalene | mg/kg | 0.00528 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 353 249TH ST | Pyrene | mg/kg | 0.0665 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 353 249TH ST | Toluene | µg/kg | 0.359 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 353 249TH ST | TPH as Diesel | mg/kg | 318.7 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 353 249TH ST | TPH as Gasoline | mg/kg | 0.0694 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 353 249TH ST | TPH as Motor Oil | mg/kg | 998 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 353 249TH ST | Xylenes, Total | µg/kg | 0.81 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 354 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 104 | 95UCL | 8.3E+04 | -- | 1E-03 | -- |
| 354 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 590 | Max | 8.5E+04 | -- | 7E-03 | -- |
| 354 248TH ST | 1-Methylnaphthalene | mg/kg | 3.118 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 354 248TH ST | 2-Methylnaphthalene | mg/kg | 4.055 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 354 248TH ST | Benzene | µg/kg | 0.268 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 354 248TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.52 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 2E-08 |
| 354 248TH ST | Chromium, Hexavalent | mg/kg | 0.36 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 354 248TH ST | Ethylbenzene | µg/kg | 19 | Max | 3.3E+06 | 4.8E+03 | 6E-06 | 4E-09 |
| 354 248TH ST | Naphthalene | mg/kg | 1.174 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-03 | 3E-07 |
| 354 248TH ST | Pyrene | mg/kg | 1.214 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 354 248TH ST | Toluene | µg/kg | 0.25 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 354 248TH ST | TPH as Diesel | mg/kg | 3880 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 354 248TH ST | TPH as Gasoline | mg/kg | 1.073 | 95UCL | 7.6E+02 | -- | 1E-03 | -- |
| 354 248TH ST | TPH as Motor Oil | mg/kg | 3958 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 357 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0068 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 357 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00591 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 357 244TH ST | Benzene | µg/kg | 0.24 | Max | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 357 244TH ST | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 357 244TH ST | Cobalt | mg/kg | 12.77 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 357 244TH ST | Naphthalene | mg/kg | 0.00337 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 9E-10 |
| 357 244TH ST | Pyrene | mg/kg | 0.0233 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 357 244TH ST | Toluene | µg/kg | 0.28 | Max | 4.8E+06 | -- | 6E-08 | -- |
| 357 244TH ST | TPH as Diesel | mg/kg | 45.55 | 95UCL | 1.3E+03 | -- | 4E-02 | -- |
| 357 244TH ST | TPH as Gasoline | mg/kg | 0.0931 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 357 244TH ST | TPH as Motor Oil | mg/kg | 177.4 | 95UCL | 3.3E+03 | -- | 5E-02 | -- |
| 357 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.33 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 357 249TH ST | 1-Methylnaphthalene | mg/kg | 0.12 | Max | 4.0E+03 | 1.6E+01 | 3E-05 | 8E-09 |
| 357 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0364 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 357 249TH ST | Benzene | µg/kg | 0.33 | Max | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 357 249TH ST | Naphthalene | mg/kg | 0.0331 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 357 249TH ST | Pyrene | mg/kg | 1.013 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 357 249TH ST | Toluene | µg/kg | 0.292 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 357 249TH ST | TPH as Diesel | mg/kg | 405.9 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 357 249TH ST | TPH as Gasoline | mg/kg | 0.143 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 357 249TH ST | TPH as Motor Oil | mg/kg | 1357 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 358 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.26 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 358 249TH ST | 1-Methylnaphthalene | mg/kg | 0.00846 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 358 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0313 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 358 249TH ST | Benzene | µg/kg | 0.201 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 358 249TH ST | Naphthalene | mg/kg | 0.00813 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 358 249TH ST | Pyrene | mg/kg | 0.124 | 95UCL | 1.7E+03 | -- | 7E-05 | -- |
| 358 249TH ST | Toluene | µg/kg | 0.263 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 358 249TH ST | TPH as Diesel | mg/kg | 830.2 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 358 249TH ST | TPH as Gasoline | mg/kg | 0.112 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 358 249TH ST | TPH as Motor Oil | mg/kg | 1823 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 358 249TH ST | Xylenes, Total | µg/kg | 0.69 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 360 248TH ST | 1-Methylnaphthalene | mg/kg | 0.0148 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 360 248TH ST | 2-Methylnaphthalene | mg/kg | 0.0594 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 360 248TH ST | Benzene | µg/kg | 0.2 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 360 248TH ST | Naphthalene | mg/kg | 0.0214 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 360 248TH ST | Pyrene | mg/kg | 0.288 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 360 248TH ST | Toluene | µg/kg | 0.37 | Max | 4.8E+06 | -- | 8E-08 | -- |
| 360 248TH ST | TPH as Diesel | mg/kg | 406.9 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 360 248TH ST | TPH as Gasoline | mg/kg | 0.097 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 360 248TH ST | TPH as Motor Oil | mg/kg | 671.6 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 361 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00447 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 361 244TH ST | Benzene | µg/kg | 0.17 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 361 244TH ST | Chromium, Hexavalent | mg/kg | 0.76 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 361 244TH ST | Cobalt | mg/kg | 11.89 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 361 244TH ST | Naphthalene | mg/kg | 0.027 | Max | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |
| 361 244TH ST | Pyrene | mg/kg | 0.0148 | 95UCL | 1.7E+03 | -- | 9E-06 | -- |
| 361 244TH ST | Toluene | µg/kg | 0.17 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 361 244TH ST | TPH as Diesel | mg/kg | 87.6 | 95UCL | 1.3E+03 | -- | 7E-02 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 361 244TH ST | TPH as Gasoline | mg/kg | 0.12 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 361 244TH ST | TPH as Motor Oil | mg/kg | 890 | Max | 3.3E+03 | -- | 3E-01 | -- |
| 361 244TH ST | Xylenes, Total | µg/kg | 0.52 | Max | 5.6E+05 | -- | 9E-07 | -- |
| 362 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.11 | Max | 8.3E+04 | -- | 1E-06 | -- |
| 362 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0049 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 362 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0089 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 362 249TH ST | Benzene | µg/kg | 0.449 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 362 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.2 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 362 249TH ST | Ethylbenzene | µg/kg | 0.19 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 362 249TH ST | Naphthalene | mg/kg | 0.0079 | Max | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 362 249TH ST | Pyrene | mg/kg | 0.0695 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 362 249TH ST | Toluene | µg/kg | 0.308 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 362 249TH ST | TPH as Diesel | mg/kg | 898.7 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 362 249TH ST | TPH as Gasoline | mg/kg | 0.123 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 362 249TH ST | TPH as Motor Oil | mg/kg | 1805 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 362 249TH ST | Xylenes, Total | µg/kg | 0.27 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 363 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 1.2 | Max | 8.3E+04 | -- | 2E-05 | -- |
| 363 249TH ST | 1-Methylnaphthalene | mg/kg | 0.075 | Max | 4.0E+03 | 1.6E+01 | 2E-05 | 5E-09 |
| 363 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0594 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 363 249TH ST | Benzene | µg/kg | 0.486 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 363 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.467 | 95UCL | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 363 249TH ST | Naphthalene | mg/kg | 0.0236 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 363 249TH ST | Pyrene | mg/kg | 1.362 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 363 249TH ST | Toluene | µg/kg | 0.713 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 363 249TH ST | TPH as Diesel | mg/kg | 361.5 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 363 249TH ST | TPH as Gasoline | mg/kg | 0.12 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 363 249TH ST | TPH as Motor Oil | mg/kg | 1021 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 363 249TH ST | Xylenes, Total | µg/kg | 0.354 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 364 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 11 | 95UCL | 8.3E+04 | -- | 1E-04 | -- |
| 364 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 200 | Max | 8.5E+04 | -- | 2E-03 | -- |
| 364 248TH ST | 1-Methylnaphthalene | mg/kg | 0.9 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 6E-08 |
| 364 248TH ST | 2-Methylnaphthalene | mg/kg | 1.175 | 95UCL | 2.3E+02 | -- | 5E-03 | -- |
| 364 248TH ST | Benzene | µg/kg | 0.327 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 364 248TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.8 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 2E-08 |
| 364 248TH ST | Bromomethane | µg/kg | 190 | Max | 8.8E+03 | -- | 2E-02 | -- |
| 364 248TH ST | Ethylbenzene | µg/kg | 67 | Max | 3.3E+06 | 4.8E+03 | 2E-05 | 1E-08 |
| 364 248TH ST | Naphthalene | mg/kg | 0.359 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 9E-08 |
| 364 248TH ST | Pyrene | mg/kg | 0.911 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 364 248TH ST | Toluene | µg/kg | 0.288 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 364 248TH ST | TPH as Diesel | mg/kg | 2664 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 364 248TH ST | TPH as Gasoline | mg/kg | 0.946 | 95UCL | 7.6E+02 | -- | 1E-03 | -- |
| 364 248TH ST | TPH as Motor Oil | mg/kg | 3852 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 364 248TH ST | Xylenes, Total | µg/kg | 65 | Max | 5.6E+05 | -- | 1E-04 | -- |
| 367 244TH ST | 2-Methylnaphthalene | mg/kg | 0.038 | Max | 2.3E+02 | -- | 2E-04 | -- |
| 367 244TH ST | Benzene | µg/kg | 0.16 | Max | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 367 244TH ST | Pyrene | mg/kg | 0.65 | Max | 1.7E+03 | -- | 4E-04 | -- |
| 367 244TH ST | Toluene | µg/kg | 0.18 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 367 244TH ST | TPH as Diesel | mg/kg | 1900 | Max | 1.3E+03 | -- | **2E+00** | -- |
| 367 244TH ST | TPH as Motor Oil | mg/kg | 4900 | Max | 3.3E+03 | -- | **2E+00** | -- |
| 367 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.211 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 367 249TH ST | 1-Methylnaphthalene | mg/kg | 0.01 | Max | 4.0E+03 | 1.6E+01 | 3E-06 | 6E-10 |
| 367 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0161 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 367 249TH ST | Benzene | µg/kg | 0.211 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 367 249TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 367 249TH ST | Naphthalene | mg/kg | 0.0136 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 367 249TH ST | Pyrene | mg/kg | 0.437 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 367 249TH ST | Toluene | µg/kg | 0.188 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 367 249TH ST | TPH as Diesel | mg/kg | 446 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 367 249TH ST | TPH as Gasoline | mg/kg | 0.14 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 367 249TH ST | TPH as Motor Oil | mg/kg | 1325 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 368 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.267 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 368 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.12 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 368 249TH ST | 1-Methylnaphthalene | mg/kg | 0.00653 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 368 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0208 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 368 249TH ST | Benzene | µg/kg | 0.196 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 368 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.7 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 5E-08 |
| 368 249TH ST | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 368 249TH ST | Ethylbenzene | µg/kg | 0.18 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 368 249TH ST | Naphthalene | mg/kg | 0.0136 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 368 249TH ST | Pyrene | mg/kg | 0.156 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 368 249TH ST | Toluene | µg/kg | 0.228 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 368 249TH ST | TPH as Diesel | mg/kg | 566.3 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 368 249TH ST | TPH as Gasoline | mg/kg | 0.26 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 368 249TH ST | TPH as Motor Oil | mg/kg | 1488 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 368 249TH ST | Xylenes, Total | µg/kg | 0.54 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 373 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.54 | Max | 8.3E+04 | -- | 7E-06 | -- |
| 373 249TH ST | 1-Methylnaphthalene | mg/kg | 0.00834 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 373 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0205 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 373 249TH ST | Benzene | µg/kg | 0.334 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 373 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 373 249TH ST | Bromomethane | µg/kg | 2.9 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 373 249TH ST | Naphthalene | mg/kg | 0.018 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 373 249TH ST | Pyrene | mg/kg | 0.174 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 373 249TH ST | Toluene | µg/kg | 0.795 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 373 249TH ST | TPH as Diesel | mg/kg | 277.8 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 373 249TH ST | TPH as Gasoline | mg/kg | 0.122 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 373 249TH ST | TPH as Motor Oil | mg/kg | 835.4 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 373 249TH ST | Xylenes, Total | µg/kg | 0.21 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 374 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 249.4 | 95UCL | 8.3E+04 | -- | 3E-03 | -- |
| 374 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 570 | Max | 8.5E+04 | -- | 7E-03 | -- |
| 374 248TH ST | 1-Methylnaphthalene | mg/kg | 1.301 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 8E-08 |
| 374 248TH ST | 2-Methylnaphthalene | mg/kg | 0.764 | 95UCL | 2.3E+02 | -- | 3E-03 | -- |
| 374 248TH ST | Benzene | µg/kg | 6.863 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-04 | 3E-08 |
| 374 248TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.4 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 374 248TH ST | Ethylbenzene | µg/kg | 230 | Max | 3.3E+06 | 4.8E+03 | 7E-05 | 5E-08 |
| 374 248TH ST | Naphthalene | mg/kg | 0.26 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 7E-08 |
| 374 248TH ST | Pyrene | mg/kg | 0.548 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 374 248TH ST | Toluene | µg/kg | 0.51 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 374 248TH ST | TPH as Diesel | mg/kg | 1077 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 374 248TH ST | TPH as Gasoline | mg/kg | 0.202 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 374 248TH ST | TPH as Motor Oil | mg/kg | 1770 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 374 248TH ST | Xylenes, Total | µg/kg | 53.3 | 95UCL | 5.6E+05 | -- | 1E-04 | -- |
| 374 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.27 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 374 249TH ST | 1-Methylnaphthalene | mg/kg | 0.013 | Max | 4.0E+03 | 1.6E+01 | 3E-06 | 8E-10 |
| 374 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0333 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 374 249TH ST | Benzene | µg/kg | 0.51 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 2E-09 |
| 374 249TH ST | Ethylbenzene | µg/kg | 0.43 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 374 249TH ST | Naphthalene | mg/kg | 0.019 | Max | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 374 249TH ST | Pyrene | mg/kg | 0.289 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 374 249TH ST | Toluene | µg/kg | 0.308 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 374 249TH ST | TPH as Diesel | mg/kg | 623 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 374 249TH ST | TPH as Gasoline | mg/kg | 0.29 | Max | 7.6E+02 | -- | 4E-04 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 374 249TH ST | TPH as Motor Oil | mg/kg | 1147 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 374 249TH ST | Xylenes, Total | µg/kg | 0.36 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 377 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0036 | Max | 4.0E+03 | 1.6E+01 | 9E-07 | 2E-10 |
| 377 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0136 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 377 244TH ST | Benzene | µg/kg | 0.19 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 377 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.51 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 2E-08 |
| 377 244TH ST | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 377 244TH ST | Cobalt | mg/kg | 11.65 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 377 244TH ST | Naphthalene | mg/kg | 0.00316 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 8E-10 |
| 377 244TH ST | Pyrene | mg/kg | 0.209 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 377 244TH ST | Toluene | µg/kg | 0.21 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 377 244TH ST | TPH as Diesel | mg/kg | 289.3 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 377 244TH ST | TPH as Gasoline | mg/kg | 0.088 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 377 244TH ST | TPH as Motor Oil | mg/kg | 830.2 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 377 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 2.6 | Max | 8.3E+04 | -- | 3E-05 | -- |
| 377 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.49 | Max | 8.5E+04 | -- | 6E-06 | -- |
| 377 249TH ST | 1-Methylnaphthalene | mg/kg | 5.144 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 377 249TH ST | 2-Methylnaphthalene | mg/kg | 6.901 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 377 249TH ST | Benzene | µg/kg | 0.923 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 4E-09 |
| 377 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.4 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 377 249TH ST | Ethylbenzene | µg/kg | 0.7 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 2E-10 |
| 377 249TH ST | Naphthalene | mg/kg | 1.743 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 4E-07 |
| 377 249TH ST | Pyrene | mg/kg | 1.11 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 377 249TH ST | Toluene | µg/kg | 0.17 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 377 249TH ST | TPH as Diesel | mg/kg | 3916 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 377 249TH ST | TPH as Gasoline | mg/kg | 0.277 | 95UCL | 7.6E+02 | -- | 4E-04 | -- |
| 377 249TH ST | TPH as Motor Oil | mg/kg | 3221 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 377 249TH ST | Xylenes, Total | µg/kg | 0.96 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 378 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.16 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 378 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0338 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-06 | 2E-09 |
| 378 249TH ST | 2-Methylnaphthalene | mg/kg | 0.121 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 378 249TH ST | Benzene | µg/kg | 0.257 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 378 249TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 378 249TH ST | Naphthalene | mg/kg | 0.0593 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-04 | 2E-08 |
| 378 249TH ST | Pyrene | mg/kg | 0.19 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 378 249TH ST | Toluene | µg/kg | 0.192 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 378 249TH ST | TPH as Diesel | mg/kg | 228.5 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 378 249TH ST | TPH as Gasoline | mg/kg | 0.0958 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 378 249TH ST | TPH as Motor Oil | mg/kg | 433.5 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 383 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.37 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 383 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 383 249TH ST | 1-Methylnaphthalene | mg/kg | 0.446 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 383 249TH ST | 2-Methylnaphthalene | mg/kg | 0.11 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 383 249TH ST | Benzene | µg/kg | 0.266 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 383 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 383 249TH ST | Ethylbenzene | µg/kg | 0.27 | Max | 3.3E+06 | 4.8E+03 | 8E-08 | 6E-11 |
| 383 249TH ST | Naphthalene | mg/kg | 0.00389 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 383 249TH ST | Pyrene | mg/kg | 4.094 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 383 249TH ST | Toluene | µg/kg | 0.391 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 383 249TH ST | TPH as Diesel | mg/kg | 699.6 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 383 249TH ST | TPH as Gasoline | mg/kg | 0.204 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 383 249TH ST | TPH as Motor Oil | mg/kg | 1260 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 383 249TH ST | Xylenes, Total | µg/kg | 0.36 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 402 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.47 | Max | 8.3E+04 | -- | 6E-06 | -- |
| 402 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0117 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 8E-10 |
| 402 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0529 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |

**Table E-1**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤2 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | **Onsite Resident** (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 402 249TH ST | Benzene | µg/kg | 0.705 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 3E-09 |
| 402 249TH ST | Ethylbenzene | µg/kg | 0.23 | Max | 3.3E+06 | 4.8E+03 | 7E-08 | 5E-11 |
| 402 249TH ST | Naphthalene | mg/kg | 0.0339 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 9E-09 |
| 402 249TH ST | Pyrene | mg/kg | 0.364 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 402 249TH ST | Toluene | µg/kg | 0.358 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 402 249TH ST | TPH as Diesel | mg/kg | 433.3 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 402 249TH ST | TPH as Gasoline | mg/kg | 0.104 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 402 249TH ST | TPH as Motor Oil | mg/kg | 1112 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 402 249TH ST | Xylenes, Total | µg/kg | 0.19 | Max | 5.6E+05 | -- | 3E-07 | -- |
| 408 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.291 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 408 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0084 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 408 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0181 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 408 249TH ST | Benzene | µg/kg | 3.225 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-05 | 2E-08 |
| 408 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.4 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 408 249TH ST | Bromodichloromethane | µg/kg | 0.3 | Max | 4.3E+05 | 4.9E+02 | 7E-07 | 6E-10 |
| 408 249TH ST | Chromium, Hexavalent | mg/kg | 0.37 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 408 249TH ST | Naphthalene | mg/kg | 0.0128 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 408 249TH ST | Pyrene | mg/kg | 0.101 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 408 249TH ST | Toluene | µg/kg | 1.005 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 408 249TH ST | TPH as Diesel | mg/kg | 75.67 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 408 249TH ST | TPH as Gasoline | mg/kg | 0.16 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 408 249TH ST | TPH as Motor Oil | mg/kg | 204.8 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |
| 408 249TH ST | Xylenes, Total | µg/kg | 1.1 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 412 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.399 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 412 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.29 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 412 249TH ST | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 412 249TH ST | 1-Methylnaphthalene | mg/kg | 0.487 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 412 249TH ST | 2,4-Dinitrotoluene | mg/kg | 0.18 | Max | 1.2E+02 | 1.6E+00 | 2E-03 | 1E-07 |
| 412 249TH ST | 2-Methylnaphthalene | mg/kg | 0.215 | 95UCL | 2.3E+02 | -- | 9E-04 | -- |
| 412 249TH ST | Benzene | µg/kg | 0.316 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 412 249TH ST | Bromomethane | µg/kg | 1.9 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 412 249TH ST | Chromium, Hexavalent | mg/kg | 0.41 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 412 249TH ST | Ethylbenzene | µg/kg | 0.79 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 2E-10 |
| 412 249TH ST | Naphthalene | mg/kg | 0.0912 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-04 | 2E-08 |
| 412 249TH ST | Pyrene | mg/kg | 0.309 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 412 249TH ST | Toluene | µg/kg | 0.187 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 412 249TH ST | TPH as Diesel | mg/kg | 766.6 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 412 249TH ST | TPH as Gasoline | mg/kg | 0.0616 | 95UCL | 7.6E+02 | -- | 8E-05 | -- |
| 412 249TH ST | TPH as Motor Oil | mg/kg | 1328 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 412 249TH ST | Xylenes, Total | µg/kg | 0.76 | Max | 5.6E+05 | -- | 1E-06 | -- |

Notes:
" -- " not applicable; COC = Constituent of Concern
Soil ≤2 ft bgs = less than or equal to 2 feet below ground surface
EF350 = exposure frequency of 350 days per year; 95UCL = 95 percent upper confidence limit
SSCG = Site-specific cleanup goals; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects
EPC = exposure point concentration based on the 95UCLs; if not available, maximum detect (Max) was used as the EPC.
**Bold** + Shaded if COC-specific noncancer hazard >1 or COC-specific cancer risk >1E-06

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24401 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.21 | Max | 6.2E+05 | 4.7E+02 | 3E-07 | 5E-10 |
| 24401 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.12 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24401 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0098 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24401 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0154 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24401 MARBELLA AVE | Benzene | µg/kg | 0.16 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24401 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.6 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 5E-08 |
| 24401 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24401 MARBELLA AVE | Cobalt | mg/kg | 11.74 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24401 MARBELLA AVE | Ethylbenzene | µg/kg | 0.44 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24401 MARBELLA AVE | Methylene Chloride | µg/kg | 5.6 | Max | 3.6E+05 | 5.3E+03 | 2E-05 | 1E-09 |
| 24401 MARBELLA AVE | Naphthalene | mg/kg | 0.00867 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24401 MARBELLA AVE | Pyrene | mg/kg | 0.158 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24401 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.42 | Max | 8.6E+04 | 5.5E+02 | 5E-06 | 8E-10 |
| 24401 MARBELLA AVE | Toluene | µg/kg | 1.1 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24401 MARBELLA AVE | TPH as Diesel | mg/kg | 99.63 | 95UCL | 1.3E+03 | -- | 8E-02 | -- |
| 24401 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0777 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24401 MARBELLA AVE | TPH as Motor Oil | mg/kg | 254.9 | 95UCL | 3.3E+03 | -- | 8E-02 | -- |
| 24401 MARBELLA AVE | Vanadium | mg/kg | 39.73 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24402 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00532 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24402 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00976 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24402 NEPTUNE AVE | Benzene | µg/kg | 0.201 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24402 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24402 NEPTUNE AVE | Cobalt | mg/kg | 9.906 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24402 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.177 | 95UCL | 3.3E+06 | 4.8E+03 | 5E-08 | 4E-11 |
| 24402 NEPTUNE AVE | Naphthalene | mg/kg | 0.00201 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 24402 NEPTUNE AVE | Pyrene | mg/kg | 0.16 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24402 NEPTUNE AVE | Toluene | µg/kg | 0.239 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24402 NEPTUNE AVE | TPH as Diesel | mg/kg | 657.1 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24402 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.152 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24402 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1139 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24402 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.277 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24402 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.315 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24402 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0158 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24402 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0362 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24402 PANAMA AVE | Benzene | µg/kg | 0.212 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24402 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.66 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24402 PANAMA AVE | Bromomethane | µg/kg | 1.9 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24402 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.257 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24402 PANAMA AVE | Cobalt | mg/kg | 11.28 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24402 PANAMA AVE | Ethylbenzene | µg/kg | 0.171 | 95UCL | 3.3E+06 | 4.8E+03 | 5E-08 | 4E-11 |
| 24402 PANAMA AVE | Naphthalene | mg/kg | 0.00713 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24402 PANAMA AVE | Pyrene | mg/kg | 0.164 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24402 PANAMA AVE | Toluene | µg/kg | 0.408 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24402 PANAMA AVE | TPH as Diesel | mg/kg | 659.4 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24402 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0744 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24402 PANAMA AVE | TPH as Motor Oil | mg/kg | 1106 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24402 PANAMA AVE | Vanadium | mg/kg | 35.84 | 95UCL | 3.9E+02 | -- | 9E-02 | -- |
| 24402 PANAMA AVE | Xylenes, Total | µg/kg | 0.366 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 24402 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2531 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24402 RAVENNA AVE | 1,2-Dichloropropane | µg/kg | 0.65 | Max | 1.5E+04 | 8.3E+02 | 4E-05 | 8E-10 |
| 24402 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 419.9 | 95UCL | 8.5E+04 | -- | 5E-03 | -- |
| 24402 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 5.424 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 4E-07 |
| 24402 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 8.024 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24402 RAVENNA AVE | Benzene | µg/kg | 217.6 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-03 | 1E-06 |
| 24402 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.38 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24402 RAVENNA AVE | Bromomethane | µg/kg | 1.1 | Max | 8.8E+03 | -- | 1E-04 | -- |
| 24402 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.16 | 95UCL | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24402 RAVENNA AVE | Cobalt | mg/kg | 10.99 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24402 RAVENNA AVE | Ethylbenzene | µg/kg | 443.4 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 9E-08 |
| 24402 RAVENNA AVE | Naphthalene | mg/kg | 3.854 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24402 RAVENNA AVE | Pyrene | mg/kg | 0.627 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24402 RAVENNA AVE | Toluene | µg/kg | 162.7 | 95UCL | 4.8E+06 | -- | 3E-05 | -- |
| 24402 RAVENNA AVE | TPH as Diesel | mg/kg | 4343 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24402 RAVENNA AVE | TPH as Gasoline | mg/kg | 324.5 | 95UCL | 7.6E+02 | -- | 4E-01 | -- |
| 24402 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4423 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24402 RAVENNA AVE | Xylenes, Total | µg/kg | 1969 | 95UCL | 5.6E+05 | -- | 4E-03 | -- |
| 24403 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 3923 | 95UCL | 8.3E+04 | -- | 5E-02 | -- |
| 24403 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 543.3 | 95UCL | 8.5E+04 | -- | 6E-03 | -- |
| 24403 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 3.992 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24403 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 9.513 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24403 NEPTUNE AVE | Benzene | µg/kg | 1617 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-02 | **7E-06** |
| 24403 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.38 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24403 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24403 NEPTUNE AVE | Cobalt | mg/kg | 10.51 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24403 NEPTUNE AVE | Ethylbenzene | µg/kg | 2715 | 95UCL | 3.3E+06 | 4.8E+03 | 8E-04 | 6E-07 |
| 24403 NEPTUNE AVE | Naphthalene | mg/kg | 4.579 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24403 NEPTUNE AVE | Pyrene | mg/kg | 1.731 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24403 NEPTUNE AVE | Toluene | µg/kg | 11.93 | 95UCL | 4.8E+06 | -- | 3E-06 | -- |
| 24403 NEPTUNE AVE | TPH as Diesel | mg/kg | 7662 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24403 NEPTUNE AVE | TPH as Gasoline | mg/kg | 348.3 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24403 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7877 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24403 NEPTUNE AVE | Xylenes, Total | µg/kg | 2109 | 95UCL | 5.6E+05 | -- | 4E-03 | -- |
| 24403 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.205 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24403 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00442 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24403 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0116 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24403 RAVENNA AVE | Benzene | µg/kg | 0.163 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24403 RAVENNA AVE | Bromomethane | µg/kg | 1.5 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24403 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.29 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24403 RAVENNA AVE | Cobalt | mg/kg | 10.54 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24403 RAVENNA AVE | Naphthalene | mg/kg | 0.0398 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24403 RAVENNA AVE | Pyrene | mg/kg | 0.157 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24403 RAVENNA AVE | Toluene | µg/kg | 0.264 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24403 RAVENNA AVE | TPH as Diesel | mg/kg | 201 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24403 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.1 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24403 RAVENNA AVE | TPH as Motor Oil | mg/kg | 571.6 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24403 RAVENNA AVE | Xylenes, Total | µg/kg | 0.23 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24405 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.43 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24405 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0017 | Max | 4.0E+03 | 1.6E+01 | 4E-07 | 1E-10 |
| 24405 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00394 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24405 MARBELLA AVE | Benzene | µg/kg | 0.408 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24405 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 24405 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24405 MARBELLA AVE | Cobalt | mg/kg | 11.62 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24405 MARBELLA AVE | Ethylbenzene | µg/kg | 0.38 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 8E-11 |
| 24405 MARBELLA AVE | Naphthalene | mg/kg | 0.00657 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24405 MARBELLA AVE | Pyrene | mg/kg | 0.0527 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24405 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.74 | Max | 8.6E+04 | 5.5E+02 | 9E-06 | 1E-09 |
| 24405 MARBELLA AVE | Toluene | µg/kg | 0.801 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24405 MARBELLA AVE | TPH as Diesel | mg/kg | 253.8 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24405 MARBELLA AVE | TPH as Motor Oil | mg/kg | 560.9 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24405 MARBELLA AVE | Xylenes, Total | µg/kg | 2.4 | Max | 5.6E+05 | -- | 4E-06 | -- |
| 24406 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.18 | Max | 6.2E+05 | 4.7E+02 | 3E-07 | 4E-10 |
| 24406 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2191 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24406 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 6800 | Max | 8.5E+04 | -- | 8E-02 | -- |
| 24406 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.22 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 8E-11 |
| 24406 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2.305 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24406 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 8.178 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24406 MARBELLA AVE | Benzene | µg/kg | 1174 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-02 | **5E-06** |
| 24406 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.98 | Max | 1.2E+03 | 3.5E+01 | 8E-04 | 3E-08 |
| 24406 MARBELLA AVE | Bromomethane | µg/kg | 180 | Max | 8.8E+03 | -- | 2E-02 | -- |
| 24406 MARBELLA AVE | Cobalt | mg/kg | 11.47 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24406 MARBELLA AVE | Ethylbenzene | µg/kg | 12000 | Max | 3.3E+06 | 4.8E+03 | 4E-03 | **3E-06** |
| 24406 MARBELLA AVE | Naphthalene | mg/kg | 3.042 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 8E-07 |
| 24406 MARBELLA AVE | Pyrene | mg/kg | 0.392 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24406 MARBELLA AVE | Toluene | µg/kg | 5595 | 95UCL | 4.8E+06 | -- | 1E-03 | -- |
| 24406 MARBELLA AVE | TPH as Diesel | mg/kg | 4158 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24406 MARBELLA AVE | TPH as Gasoline | mg/kg | 620.6 | 95UCL | 7.6E+02 | -- | 8E-01 | -- |
| 24406 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4025 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24406 MARBELLA AVE | Trichloroethene | µg/kg | 0.16 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 1E-10 |
| 24406 MARBELLA AVE | Xylenes, Total | µg/kg | 10613 | 95UCL | 5.6E+05 | -- | 2E-02 | -- |
| 24406 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0437 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24406 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0146 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 24406 NEPTUNE AVE | Benzene | µg/kg | 0.153 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24406 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 3.3 | Max | 1.2E+03 | 3.5E+01 | 3E-03 | 1E-07 |
| 24406 NEPTUNE AVE | Cobalt | mg/kg | 9.27 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24406 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.18 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24406 NEPTUNE AVE | Naphthalene | mg/kg | 0.00897 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24406 NEPTUNE AVE | Pyrene | mg/kg | 0.166 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24406 NEPTUNE AVE | TPH as Diesel | mg/kg | 304.1 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24406 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1.1 | Max | 7.6E+02 | -- | 1E-03 | -- |
| 24406 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 685.1 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24406 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.61 | Max | 8.3E+04 | -- | 7E-06 | -- |
| 24406 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.12 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24406 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.67 | Max | 4.0E+03 | 1.6E+01 | 2E-04 | 4E-08 |
| 24406 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.261 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24406 PANAMA AVE | Benzene | µg/kg | 0.199 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24406 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.214 | 95UCL | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24406 PANAMA AVE | Cobalt | mg/kg | 11.78 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24406 PANAMA AVE | Naphthalene | mg/kg | 0.0575 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-04 | 1E-08 |
| 24406 PANAMA AVE | Pyrene | mg/kg | 0.851 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24406 PANAMA AVE | Toluene | µg/kg | 0.216 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24406 PANAMA AVE | TPH as Diesel | mg/kg | 3216 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24406 PANAMA AVE | TPH as Motor Oil | mg/kg | 6492 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24406 PANAMA AVE | Xylenes, Total | µg/kg | 0.2 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24406 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00376 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-07 | 2E-10 |
| 24406 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0121 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24406 RAVENNA AVE | Benzene | µg/kg | 0.18 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24406 RAVENNA AVE | Bromomethane | µg/kg | 1.3 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24406 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24406 RAVENNA AVE | Naphthalene | mg/kg | 0.00605 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24406 RAVENNA AVE | Pyrene | mg/kg | 0.174 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24406 RAVENNA AVE | Toluene | µg/kg | 0.2 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 24406 RAVENNA AVE | TPH as Diesel | mg/kg | 458.5 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24406 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.1 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24406 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1303 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24409 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.471 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 24409 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24409 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24409 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.213 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-05 | 1E-08 |
| 24409 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.431 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24409 NEPTUNE AVE | Benzene | µg/kg | 0.277 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24409 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.43 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24409 NEPTUNE AVE | Ethylbenzene | µg/kg | 5.14 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-06 | 1E-09 |
| 24409 NEPTUNE AVE | Naphthalene | mg/kg | 0.0922 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-04 | 2E-08 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24409 NEPTUNE AVE | Pyrene | mg/kg | 0.812 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24409 NEPTUNE AVE | Toluene | µg/kg | 0.355 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24409 NEPTUNE AVE | TPH as Diesel | mg/kg | 2419 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24409 NEPTUNE AVE | TPH as Gasoline | mg/kg | 22.01 | 95UCL | 7.6E+02 | -- | 3E-02 | -- |
| 24409 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3523 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24409 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.783 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24409 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.127 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 24409 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.006 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24409 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0173 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24409 RAVENNA AVE | Benzene | µg/kg | 0.13 | Max | 6.7E+04 | 2.2E+02 | 2E-06 | 6E-10 |
| 24409 RAVENNA AVE | Cobalt | mg/kg | 9.779 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24409 RAVENNA AVE | Naphthalene | mg/kg | 0.0358 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 9E-09 |
| 24409 RAVENNA AVE | Pyrene | mg/kg | 0.27 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24409 RAVENNA AVE | Toluene | µg/kg | 0.21 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 24409 RAVENNA AVE | TPH as Diesel | mg/kg | 473.9 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24409 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.12 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24409 RAVENNA AVE | TPH as Motor Oil | mg/kg | 876.7 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24409 RAVENNA AVE | Xylenes, Total | µg/kg | 0.49 | Max | 5.6E+05 | -- | 9E-07 | -- |
| 24410 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0175 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24410 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 0.068 | Max | 1.2E+02 | 1.6E+00 | 6E-04 | 4E-08 |
| 24410 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0471 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24410 PANAMA AVE | Benzene | µg/kg | 6.288 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-05 | 3E-08 |
| 24410 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.21 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24410 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24410 PANAMA AVE | Cobalt | mg/kg | 10.06 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24410 PANAMA AVE | Naphthalene | mg/kg | 0.0111 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24410 PANAMA AVE | Pyrene | mg/kg | 0.235 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24410 PANAMA AVE | Tetrachloroethene | µg/kg | 0.23 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 4E-10 |
| 24410 PANAMA AVE | Toluene | µg/kg | 0.736 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24410 PANAMA AVE | TPH as Diesel | mg/kg | 329 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24410 PANAMA AVE | TPH as Gasoline | mg/kg | 0.058 | Max | 7.6E+02 | -- | 8E-05 | -- |
| 24410 PANAMA AVE | TPH as Motor Oil | mg/kg | 1003 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24410 PANAMA AVE | Trichloroethene | µg/kg | 0.2 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24410 PANAMA AVE | Xylenes, Total | µg/kg | 0.61 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24411 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 91.14 | 95UCL | 8.3E+04 | -- | 1E-03 | -- |
| 24411 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 82 | Max | 8.5E+04 | -- | 1E-03 | -- |
| 24411 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.33 | Max | 3.6E+06 | 2.8E+03 | 9E-08 | 1E-10 |
| 24411 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2.443 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |
| 24411 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 5.897 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24411 MARBELLA AVE | Benzene | µg/kg | 0.198 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24411 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.253 | 95UCL | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24411 MARBELLA AVE | Cobalt | mg/kg | 11.47 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24411 MARBELLA AVE | Ethylbenzene | µg/kg | 76 | Max | 3.3E+06 | 4.8E+03 | 2E-05 | 2E-08 |
| 24411 MARBELLA AVE | Naphthalene | mg/kg | 0.911 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-03 | 2E-07 |
| 24411 MARBELLA AVE | Pyrene | mg/kg | 1.732 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24411 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.438 | 95UCL | 8.6E+04 | 5.5E+02 | 5E-06 | 8E-10 |
| 24411 MARBELLA AVE | Toluene | µg/kg | 14 | 95UCL | 4.8E+06 | -- | 3E-06 | -- |
| 24411 MARBELLA AVE | TPH as Diesel | mg/kg | 5659 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24411 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.165 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24411 MARBELLA AVE | TPH as Motor Oil | mg/kg | 8910 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24411 MARBELLA AVE | Trichloroethene | µg/kg | 0.48 | Max | 5.8E+03 | 1.2E+03 | 8E-05 | 4E-10 |
| 24411 MARBELLA AVE | Xylenes, Total | µg/kg | 24.5 | 95UCL | 5.6E+05 | -- | 4E-05 | -- |
| 24411 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 6126 | 95UCL | 8.3E+04 | -- | 7E-02 | -- |
| 24411 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 10000 | Max | 8.5E+04 | -- | 1E-01 | -- |
| 24411 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 7E-11 |
| 24411 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 3.215 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 24411 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 7.3 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24411 PANAMA AVE | Benzene | µg/kg | 1239 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-02 | **6E-06** |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24411 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.3 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24411 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24411 PANAMA AVE | Cobalt | mg/kg | 10.59 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24411 PANAMA AVE | Ethylbenzene | µg/kg | 1560 | 95UCL | 3.3E+06 | 4.8E+03 | 5E-04 | 3E-07 |
| 24411 PANAMA AVE | Naphthalene | mg/kg | 3.738 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 9E-07 |
| 24411 PANAMA AVE | Pyrene | mg/kg | 0.202 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24411 PANAMA AVE | Toluene | µg/kg | 478.9 | 95UCL | 4.8E+06 | -- | 1E-04 | -- |
| 24411 PANAMA AVE | TPH as Diesel | mg/kg | 3709 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24411 PANAMA AVE | TPH as Gasoline | mg/kg | 763.7 | 95UCL | 7.6E+02 | -- | 1E+00 | -- |
| 24411 PANAMA AVE | TPH as Motor Oil | mg/kg | 3168 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24411 PANAMA AVE | Xylenes, Total | µg/kg | 10411 | 95UCL | 5.6E+05 | -- | 2E-02 | -- |
| 24412 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 643.2 | 95UCL | 8.3E+04 | -- | 8E-03 | -- |
| 24412 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 150 | Max | 8.5E+04 | -- | 2E-03 | -- |
| 24412 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.34 | Max | 3.6E+06 | 2.8E+03 | 9E-08 | 1E-10 |
| 24412 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 5.269 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24412 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 11.96 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24412 MARBELLA AVE | Benzene | µg/kg | 214.2 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-03 | 1E-06 |
| 24412 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1 | Max | 1.2E+03 | 3.5E+01 | 8E-04 | 3E-08 |
| 24412 MARBELLA AVE | Bromomethane | µg/kg | 6.2 | Max | 8.8E+03 | -- | 7E-04 | -- |
| 24412 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.164 | 95UCL | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24412 MARBELLA AVE | Cobalt | mg/kg | 11.98 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24412 MARBELLA AVE | Ethylbenzene | µg/kg | 665.6 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24412 MARBELLA AVE | Naphthalene | mg/kg | 7.765 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-02 | **2E-06** |
| 24412 MARBELLA AVE | Pyrene | mg/kg | 0.291 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24412 MARBELLA AVE | Toluene | µg/kg | 38.67 | 95UCL | 4.8E+06 | -- | 8E-06 | -- |
| 24412 MARBELLA AVE | TPH as Diesel | mg/kg | 7238 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24412 MARBELLA AVE | TPH as Gasoline | mg/kg | 775.7 | 95UCL | 7.6E+02 | -- | 1E+00 | -- |
| 24412 MARBELLA AVE | TPH as Motor Oil | mg/kg | 7613 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24412 MARBELLA AVE | Vanadium | mg/kg | 40.28 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24412 MARBELLA AVE | Xylenes, Total | µg/kg | 251.1 | 95UCL | 5.6E+05 | -- | 5E-04 | -- |
| 24412 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1375 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 24412 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 9.511 | 95UCL | 8.5E+04 | -- | 1E-04 | -- |
| 24412 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.37 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 1E-10 |
| 24412 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.978 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24412 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 4.31 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24412 RAVENNA AVE | Benzene | µg/kg | 19.39 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-04 | 9E-08 |
| 24412 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.18 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 5E-09 |
| 24412 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24412 RAVENNA AVE | Cobalt | mg/kg | 9.664 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24412 RAVENNA AVE | Ethylbenzene | µg/kg | 413 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 9E-08 |
| 24412 RAVENNA AVE | Naphthalene | mg/kg | 1.707 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 4E-07 |
| 24412 RAVENNA AVE | Pyrene | mg/kg | 0.389 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24412 RAVENNA AVE | Toluene | µg/kg | 1.207 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24412 RAVENNA AVE | TPH as Diesel | mg/kg | 1905 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24412 RAVENNA AVE | TPH as Gasoline | mg/kg | 223.7 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24412 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2204 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24412 RAVENNA AVE | Xylenes, Total | µg/kg | 247.8 | 95UCL | 5.6E+05 | -- | 4E-04 | -- |
| 24413 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.224 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24413 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 160 | Max | 3.6E+06 | 2.8E+03 | 4E-05 | 6E-08 |
| 24413 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 3.662 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-04 | 2E-07 |
| 24413 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 5.103 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24413 NEPTUNE AVE | Benzene | µg/kg | 4.685 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-05 | 2E-08 |
| 24413 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.5 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24413 NEPTUNE AVE | Bromomethane | µg/kg | 2.3 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24413 NEPTUNE AVE | Ethylbenzene | µg/kg | 550 | Max | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24413 NEPTUNE AVE | Naphthalene | mg/kg | 1.981 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24413 NEPTUNE AVE | Pyrene | mg/kg | 0.305 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24413 NEPTUNE AVE | Toluene | µg/kg | 5.346 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24413 NEPTUNE AVE | TPH as Diesel | mg/kg | 2757 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24413 NEPTUNE AVE | TPH as Gasoline | mg/kg | 110.7 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24413 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3135 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24413 NEPTUNE AVE | Xylenes, Total | µg/kg | 52 | Max | 5.6E+05 | -- | 9E-05 | -- |
| 24413 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.14 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24413 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 1 | Max | 3.6E+06 | 2.8E+03 | 3E-07 | 4E-10 |
| 24413 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.025 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 2E-09 |
| 24413 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0117 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24413 RAVENNA AVE | Benzene | µg/kg | 0.594 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-06 | 3E-09 |
| 24413 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 6.6 | Max | 1.2E+03 | 3.5E+01 | 5E-03 | 2E-07 |
| 24413 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24413 RAVENNA AVE | Cobalt | mg/kg | 9.34 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24413 RAVENNA AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24413 RAVENNA AVE | Naphthalene | mg/kg | 0.00236 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24413 RAVENNA AVE | Pyrene | mg/kg | 0.176 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24413 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.25 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 5E-10 |
| 24413 RAVENNA AVE | Toluene | µg/kg | 1.075 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24413 RAVENNA AVE | TPH as Diesel | mg/kg | 289.5 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24413 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.134 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24413 RAVENNA AVE | TPH as Motor Oil | mg/kg | 749.6 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24413 RAVENNA AVE | Xylenes, Total | µg/kg | 0.508 | 95UCL | 5.6E+05 | -- | 9E-07 | -- |
| 24416 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2188 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24416 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 390.9 | 95UCL | 8.5E+04 | -- | 5E-03 | -- |
| 24416 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.46 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 2E-10 |
| 24416 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 7.102 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 5E-07 |
| 24416 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 10.46 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24416 MARBELLA AVE | Benzene | µg/kg | 1207 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-02 | **6E-06** |
| 24416 MARBELLA AVE | Cobalt | mg/kg | 10.38 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24416 MARBELLA AVE | Ethylbenzene | µg/kg | 2248 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-04 | 5E-07 |
| 24416 MARBELLA AVE | Naphthalene | mg/kg | 4.189 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24416 MARBELLA AVE | Pyrene | mg/kg | 2.957 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 24416 MARBELLA AVE | Toluene | µg/kg | 183.2 | 95UCL | 4.8E+06 | -- | 4E-05 | -- |
| 24416 MARBELLA AVE | TPH as Diesel | mg/kg | 4740 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24416 MARBELLA AVE | TPH as Gasoline | mg/kg | 652.5 | 95UCL | 7.6E+02 | -- | 9E-01 | -- |
| 24416 MARBELLA AVE | TPH as Motor Oil | mg/kg | 5661 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24416 MARBELLA AVE | Vanadium | mg/kg | 36.87 | 95UCL | 3.9E+02 | -- | 9E-02 | -- |
| 24416 MARBELLA AVE | Xylenes, Total | µg/kg | 4537 | 95UCL | 5.6E+05 | -- | 8E-03 | -- |
| 24416 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.494 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 24416 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.671 | 95UCL | 2.3E+02 | -- | 3E-03 | -- |
| 24416 NEPTUNE AVE | Benzene | µg/kg | 0.207 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24416 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24416 NEPTUNE AVE | Naphthalene | mg/kg | 0.18 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 5E-08 |
| 24416 NEPTUNE AVE | Pyrene | mg/kg | 0.314 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24416 NEPTUNE AVE | TPH as Diesel | mg/kg | 15365 | 95UCL | 1.3E+03 | -- | **1E+01** | -- |
| 24416 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0988 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24416 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 29203 | 95UCL | 3.3E+03 | -- | **9E+00** | -- |
| 24416 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0148 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24416 PANAMA AVE | Benzene | µg/kg | 0.277 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24416 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24416 PANAMA AVE | Cobalt | mg/kg | 9.869 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24416 PANAMA AVE | Ethylbenzene | µg/kg | 0.21 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24416 PANAMA AVE | Naphthalene | mg/kg | 0.012 | Max | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24416 PANAMA AVE | Pyrene | mg/kg | 0.12 | 95UCL | 1.7E+03 | -- | 7E-05 | -- |
| 24416 PANAMA AVE | Toluene | µg/kg | 0.234 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24416 PANAMA AVE | TPH as Diesel | mg/kg | 305.1 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24416 PANAMA AVE | TPH as Gasoline | mg/kg | 0.101 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24416 PANAMA AVE | TPH as Motor Oil | mg/kg | 955.2 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24416 PANAMA AVE | Xylenes, Total | µg/kg | 0.2 | Max | 5.6E+05 | -- | 4E-07 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24416 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 147.8 | 95UCL | 8.3E+04 | -- | 2E-03 | -- |
| 24416 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 13.66 | 95UCL | 8.5E+04 | -- | 2E-04 | -- |
| 24416 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 6.017 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 4E-07 |
| 24416 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 12.49 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24416 RAVENNA AVE | Benzene | µg/kg | 0.241 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24416 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.174 | 95UCL | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24416 RAVENNA AVE | Ethylbenzene | µg/kg | 67.72 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-05 | 1E-08 |
| 24416 RAVENNA AVE | Naphthalene | mg/kg | 1.894 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24416 RAVENNA AVE | Pyrene | mg/kg | 2.169 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24416 RAVENNA AVE | Toluene | µg/kg | 0.175 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24416 RAVENNA AVE | TPH as Diesel | mg/kg | 5906 | 95UCL | 1.3E+03 | -- | **5E+00** | -- |
| 24416 RAVENNA AVE | TPH as Gasoline | mg/kg | 141.1 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24416 RAVENNA AVE | TPH as Motor Oil | mg/kg | 7915 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24416 RAVENNA AVE | Xylenes, Total | µg/kg | 13.52 | 95UCL | 5.6E+05 | -- | 2E-05 | -- |
| 24417 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.19 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24417 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0011 | Max | 4.0E+03 | 1.6E+01 | 3E-07 | 7E-11 |
| 24417 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0025 | Max | 2.3E+02 | -- | 1E-05 | -- |
| 24417 MARBELLA AVE | Benzene | µg/kg | 0.28 | Max | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24417 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24417 MARBELLA AVE | Cobalt | mg/kg | 13.9 | Max | 2.3E+01 | 3.1E+04 | 6E-01 | 5E-10 |
| 24417 MARBELLA AVE | Naphthalene | mg/kg | 0.0029 | Max | 1.5E+02 | 4.0E+00 | 2E-05 | 7E-10 |
| 24417 MARBELLA AVE | Pyrene | mg/kg | 0.09 | Max | 1.7E+03 | -- | 5E-05 | -- |
| 24417 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.41 | Max | 8.6E+04 | 5.5E+02 | 5E-06 | 7E-10 |
| 24417 MARBELLA AVE | Toluene | µg/kg | 0.22 | Max | 4.8E+06 | -- | 5E-08 | -- |
| 24417 MARBELLA AVE | TPH as Diesel | mg/kg | 85 | Max | 1.3E+03 | -- | 7E-02 | -- |
| 24417 MARBELLA AVE | TPH as Motor Oil | mg/kg | 250 | Max | 3.3E+03 | -- | 8E-02 | -- |
| 24417 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.238 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24417 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0112 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24417 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0311 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24417 PANAMA AVE | Benzene | µg/kg | 1.179 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 5E-09 |
| 24417 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24417 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24417 PANAMA AVE | Cobalt | mg/kg | 9.272 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24417 PANAMA AVE | Ethylbenzene | µg/kg | 2.8 | 95UCL | 3.3E+06 | 4.8E+03 | 9E-07 | 6E-10 |
| 24417 PANAMA AVE | Naphthalene | mg/kg | 0.00962 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24417 PANAMA AVE | Pyrene | mg/kg | 0.282 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24417 PANAMA AVE | Toluene | µg/kg | 0.264 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24417 PANAMA AVE | TPH as Diesel | mg/kg | 422.4 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24417 PANAMA AVE | TPH as Gasoline | mg/kg | 0.095 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24417 PANAMA AVE | TPH as Motor Oil | mg/kg | 1514 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24417 PANAMA AVE | Xylenes, Total | µg/kg | 0.247 | 95UCL | 5.6E+05 | -- | 4E-07 | -- |
| 24419 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 52 | Max | 8.3E+04 | -- | 6E-04 | -- |
| 24419 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.88 | Max | 8.5E+04 | -- | 1E-05 | -- |
| 24419 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.521 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 24419 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.105 | 95UCL | 2.3E+02 | -- | 5E-03 | -- |
| 24419 NEPTUNE AVE | Benzene | µg/kg | 1.167 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 5E-09 |
| 24419 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.66 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24419 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.57 | Max | 4.3E+05 | 4.9E+02 | 1E-06 | 1E-09 |
| 24419 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24419 NEPTUNE AVE | Ethylbenzene | µg/kg | 8.351 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-06 | 2E-09 |
| 24419 NEPTUNE AVE | Naphthalene | mg/kg | 0.252 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 6E-08 |
| 24419 NEPTUNE AVE | Pyrene | mg/kg | 0.461 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24419 NEPTUNE AVE | Toluene | µg/kg | 0.48 | Max | 4.8E+06 | -- | 1E-07 | -- |
| 24419 NEPTUNE AVE | TPH as Diesel | mg/kg | 1691 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24419 NEPTUNE AVE | TPH as Gasoline | mg/kg | 19.87 | 95UCL | 7.6E+02 | -- | 3E-02 | -- |
| 24419 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1862 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24419 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.696 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24419 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 9.292 | 95UCL | 8.3E+04 | -- | 1E-04 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24419 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.5 | Max | 8.5E+04 | -- | 6E-06 | -- |
| 24419 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24419 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0874 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-05 | 6E-09 |
| 24419 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.217 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24419 RAVENNA AVE | Benzene | µg/kg | 0.276 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24419 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.165 | 95UCL | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24419 RAVENNA AVE | Ethylbenzene | µg/kg | 1.066 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24419 RAVENNA AVE | Naphthalene | mg/kg | 0.0248 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 24419 RAVENNA AVE | Pyrene | mg/kg | 0.301 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24419 RAVENNA AVE | Toluene | µg/kg | 0.23 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24419 RAVENNA AVE | TPH as Diesel | mg/kg | 369.8 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24419 RAVENNA AVE | TPH as Gasoline | mg/kg | 1.489 | 95UCL | 7.6E+02 | -- | 2E-03 | -- |
| 24419 RAVENNA AVE | TPH as Motor Oil | mg/kg | 388 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24419 RAVENNA AVE | Xylenes, Total | µg/kg | 0.94 | 95UCL | 5.6E+05 | -- | 2E-06 | -- |
| 24420 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.422 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24420 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.25 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24420 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.15 | Max | 3.6E+06 | 2.8E+03 | 4E-08 | 5E-11 |
| 24420 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0173 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24420 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0975 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24420 PANAMA AVE | Benzene | µg/kg | 0.171 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24420 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24420 PANAMA AVE | Naphthalene | mg/kg | 0.0414 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24420 PANAMA AVE | Pyrene | mg/kg | 0.418 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24420 PANAMA AVE | Toluene | µg/kg | 0.282 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24420 PANAMA AVE | TPH as Diesel | mg/kg | 1919 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24420 PANAMA AVE | TPH as Motor Oil | mg/kg | 5919 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24420 PANAMA AVE | Xylenes, Total | µg/kg | 0.259 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24421 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4056 | 95UCL | 8.3E+04 | -- | 5E-02 | -- |
| 24421 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 5200 | Max | 8.5E+04 | -- | 6E-02 | -- |
| 24421 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 4.849 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24421 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 8.791 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24421 PANAMA AVE | Benzene | µg/kg | 9.336 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-04 | 4E-08 |
| 24421 PANAMA AVE | Ethylbenzene | µg/kg | 3600 | Max | 3.3E+06 | 4.8E+03 | 1E-03 | 8E-07 |
| 24421 PANAMA AVE | Naphthalene | mg/kg | 5.176 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24421 PANAMA AVE | Pyrene | mg/kg | 0.425 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24421 PANAMA AVE | Toluene | µg/kg | 157.8 | 95UCL | 4.8E+06 | -- | 3E-05 | -- |
| 24421 PANAMA AVE | TPH as Diesel | mg/kg | 4142 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24421 PANAMA AVE | TPH as Gasoline | mg/kg | 327.1 | 95UCL | 7.6E+02 | -- | 4E-01 | -- |
| 24421 PANAMA AVE | TPH as Motor Oil | mg/kg | 2908 | 95UCL | 3.3E+03 | -- | 9E-01 | -- |
| 24421 PANAMA AVE | Xylenes, Total | µg/kg | 20000 | Max | 5.6E+05 | -- | 4E-02 | -- |
| 24422 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.355 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24422 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 41 | Max | 8.5E+04 | -- | 5E-04 | -- |
| 24422 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 1.245 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 8E-08 |
| 24422 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 1.914 | 95UCL | 2.3E+02 | -- | 8E-03 | -- |
| 24422 MARBELLA AVE | Benzene | µg/kg | 1.302 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 6E-09 |
| 24422 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.78 | Max | 1.2E+03 | 3.5E+01 | 6E-04 | 2E-08 |
| 24422 MARBELLA AVE | Bromomethane | µg/kg | 380 | Max | 8.8E+03 | -- | 4E-02 | -- |
| 24422 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24422 MARBELLA AVE | Ethylbenzene | µg/kg | 5.883 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-06 | 1E-09 |
| 24422 MARBELLA AVE | Naphthalene | mg/kg | 0.681 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-03 | 2E-07 |
| 24422 MARBELLA AVE | Pyrene | mg/kg | 0.812 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24422 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.27 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 5E-10 |
| 24422 MARBELLA AVE | Toluene | µg/kg | 0.619 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24422 MARBELLA AVE | TPH as Diesel | mg/kg | 2025 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24422 MARBELLA AVE | TPH as Gasoline | mg/kg | 27.86 | 95UCL | 7.6E+02 | -- | 4E-02 | -- |
| 24422 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2571 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24422 MARBELLA AVE | Xylenes, Total | µg/kg | 0.652 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24422 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.21 | Max | 8.3E+04 | -- | 3E-06 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24422 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.2 | Max | 4.0E+03 | 1.6E+01 | 3E-04 | 8E-08 |
| 24422 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.146 | 95UCL | 2.3E+02 | -- | 6E-04 | -- |
| 24422 NEPTUNE AVE | Benzene | µg/kg | 0.783 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 4E-09 |
| 24422 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.3 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 9E-09 |
| 24422 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.223 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24422 NEPTUNE AVE | Naphthalene | mg/kg | 0.0277 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |
| 24422 NEPTUNE AVE | Pyrene | mg/kg | 0.349 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24422 NEPTUNE AVE | Toluene | µg/kg | 0.899 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24422 NEPTUNE AVE | TPH as Diesel | mg/kg | 485.1 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24422 NEPTUNE AVE | TPH as Gasoline | mg/kg | 7.942 | 95UCL | 7.6E+02 | -- | 1E-02 | -- |
| 24422 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 970.3 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24422 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.36 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24422 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2815 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24422 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 140.1 | 95UCL | 8.5E+04 | -- | 2E-03 | -- |
| 24422 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 11.35 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-03 | 7E-07 |
| 24422 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 19.31 | 95UCL | 2.3E+02 | -- | 8E-02 | -- |
| 24422 RAVENNA AVE | Benzene | µg/kg | 28.7 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-04 | 1E-07 |
| 24422 RAVENNA AVE | Bromomethane | µg/kg | 0.78 | Max | 8.8E+03 | -- | 9E-05 | -- |
| 24422 RAVENNA AVE | Ethylbenzene | µg/kg | 580.5 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24422 RAVENNA AVE | Naphthalene | mg/kg | 5.456 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | 1E-06 |
| 24422 RAVENNA AVE | Pyrene | mg/kg | 1.34 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24422 RAVENNA AVE | Toluene | µg/kg | 11.76 | 95UCL | 4.8E+06 | -- | 3E-06 | -- |
| 24422 RAVENNA AVE | TPH as Diesel | mg/kg | 6690 | 95UCL | 1.3E+03 | -- | **5E+00** | -- |
| 24422 RAVENNA AVE | TPH as Gasoline | mg/kg | 158.1 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24422 RAVENNA AVE | TPH as Motor Oil | mg/kg | 9013 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24422 RAVENNA AVE | Xylenes, Total | µg/kg | 620.6 | 95UCL | 5.6E+05 | -- | 1E-03 | -- |
| 24423 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0076 | Max | 2.3E+02 | -- | 3E-05 | -- |
| 24423 MARBELLA AVE | Benzene | µg/kg | 0.36 | Max | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24423 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 24423 MARBELLA AVE | Bromomethane | µg/kg | 3.4 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24423 MARBELLA AVE | Cobalt | mg/kg | 12.24 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24423 MARBELLA AVE | Naphthalene | mg/kg | 0.014 | Max | 1.5E+02 | 4.0E+00 | 9E-05 | 4E-09 |
| 24423 MARBELLA AVE | Pyrene | mg/kg | 0.0154 | 95UCL | 1.7E+03 | -- | 9E-06 | -- |
| 24423 MARBELLA AVE | Toluene | µg/kg | 1.1 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24423 MARBELLA AVE | TPH as Diesel | mg/kg | 110 | Max | 1.3E+03 | -- | 9E-02 | -- |
| 24423 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24423 MARBELLA AVE | TPH as Motor Oil | mg/kg | 115.3 | 95UCL | 3.3E+03 | -- | 4E-02 | -- |
| 24423 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 399.2 | 95UCL | 8.3E+04 | -- | 5E-03 | -- |
| 24423 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 270 | Max | 8.5E+04 | -- | 3E-03 | -- |
| 24423 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.617 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 1E-07 |
| 24423 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.887 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24423 NEPTUNE AVE | Benzene | µg/kg | 45.62 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-04 | 2E-07 |
| 24423 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 1.2E+03 | 3.5E+01 | 9E-04 | 3E-08 |
| 24423 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.12 | Max | 4.3E+05 | 4.9E+02 | 3E-07 | 3E-10 |
| 24423 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.53 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24423 NEPTUNE AVE | Ethylbenzene | µg/kg | 1300 | Max | 3.3E+06 | 4.8E+03 | 4E-04 | 3E-07 |
| 24423 NEPTUNE AVE | Naphthalene | mg/kg | 1.997 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24423 NEPTUNE AVE | Pyrene | mg/kg | 0.332 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24423 NEPTUNE AVE | Toluene | µg/kg | 10.71 | 95UCL | 4.8E+06 | -- | 2E-06 | -- |
| 24423 NEPTUNE AVE | TPH as Diesel | mg/kg | 4827 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24423 NEPTUNE AVE | TPH as Gasoline | mg/kg | 97.23 | 95UCL | 7.6E+02 | -- | 1E-01 | -- |
| 24423 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4920 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24423 NEPTUNE AVE | Xylenes, Total | µg/kg | 450 | Max | 5.6E+05 | -- | 8E-04 | -- |
| 24423 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4040 | 95UCL | 8.3E+04 | -- | 5E-02 | -- |
| 24423 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 422.4 | 95UCL | 8.5E+04 | -- | 5E-03 | -- |
| 24423 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.14 | Max | 3.6E+06 | 2.8E+03 | 4E-08 | 5E-11 |
| 24423 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.966 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24423 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 6.858 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24423 RAVENNA AVE | Benzene | µg/kg | 749.5 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-02 | **3E-06** |
| 24423 RAVENNA AVE | Bromomethane | µg/kg | 2.9 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24423 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.26 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24423 RAVENNA AVE | Cobalt | mg/kg | 9.08 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24423 RAVENNA AVE | Ethylbenzene | µg/kg | 1713 | 95UCL | 3.3E+06 | 4.8E+03 | 5E-04 | 4E-07 |
| 24423 RAVENNA AVE | Naphthalene | mg/kg | 3.043 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 8E-07 |
| 24423 RAVENNA AVE | Pyrene | mg/kg | 0.18 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24423 RAVENNA AVE | Toluene | µg/kg | 0.271 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24423 RAVENNA AVE | TPH as Diesel | mg/kg | 1818 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24423 RAVENNA AVE | TPH as Gasoline | mg/kg | 414.3 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24423 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1663 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24423 RAVENNA AVE | Xylenes, Total | µg/kg | 604.1 | 95UCL | 5.6E+05 | -- | 1E-03 | -- |
| 24426 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.15 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24426 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.484 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 24426 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 1.077 | 95UCL | 2.3E+02 | -- | 5E-03 | -- |
| 24426 MARBELLA AVE | Benzene | µg/kg | 0.181 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24426 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.42 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24426 MARBELLA AVE | Ethylbenzene | µg/kg | 250 | Max | 3.3E+06 | 4.8E+03 | 8E-05 | 5E-08 |
| 24426 MARBELLA AVE | Naphthalene | mg/kg | 0.247 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 6E-08 |
| 24426 MARBELLA AVE | Pyrene | mg/kg | 0.327 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24426 MARBELLA AVE | Toluene | µg/kg | 0.28 | Max | 4.8E+06 | -- | 6E-08 | -- |
| 24426 MARBELLA AVE | TPH as Diesel | mg/kg | 5515 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24426 MARBELLA AVE | TPH as Gasoline | mg/kg | 68.07 | 95UCL | 7.6E+02 | -- | 9E-02 | -- |
| 24426 MARBELLA AVE | TPH as Motor Oil | mg/kg | 11405 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 24426 MARBELLA AVE | Trichloroethene | µg/kg | 64 | Max | 5.8E+03 | 1.2E+03 | 1E-02 | 5E-08 |
| 24426 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.312 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24426 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 0.082 | Max | 1.2E+02 | 1.6E+00 | 7E-04 | 5E-08 |
| 24426 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0043 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24426 NEPTUNE AVE | Benzene | µg/kg | 0.341 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24426 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 24426 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.194 | 95UCL | 2.3E+02 | 1.3E+00 | 8E-04 | 2E-07 |
| 24426 NEPTUNE AVE | Cobalt | mg/kg | 9.777 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24426 NEPTUNE AVE | Naphthalene | mg/kg | 0.00034 | Max | 1.5E+02 | 4.0E+00 | 2E-06 | 9E-11 |
| 24426 NEPTUNE AVE | Pyrene | mg/kg | 0.102 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24426 NEPTUNE AVE | Toluene | µg/kg | 0.431 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24426 NEPTUNE AVE | TPH as Diesel | mg/kg | 382.8 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24426 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.136 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24426 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 887.2 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24426 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.61 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24426 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.33 | Max | 3.6E+06 | 2.8E+03 | 9E-08 | 1E-10 |
| 24426 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.003 | Max | 4.0E+03 | 1.6E+01 | 8E-07 | 2E-10 |
| 24426 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0373 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24426 PANAMA AVE | Benzene | µg/kg | 0.315 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24426 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24426 PANAMA AVE | Cobalt | mg/kg | 10.71 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24426 PANAMA AVE | Naphthalene | mg/kg | 0.0143 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 4E-09 |
| 24426 PANAMA AVE | Pyrene | mg/kg | 0.109 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24426 PANAMA AVE | Toluene | µg/kg | 0.3 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24426 PANAMA AVE | TPH as Diesel | mg/kg | 1232 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24426 PANAMA AVE | TPH as Gasoline | mg/kg | 0.114 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24426 PANAMA AVE | TPH as Motor Oil | mg/kg | 2606 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24426 PANAMA AVE | Xylenes, Total | µg/kg | 0.59 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24426 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4169 | 95UCL | 8.3E+04 | -- | 5E-02 | -- |
| 24426 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 608.7 | 95UCL | 8.5E+04 | -- | 7E-03 | -- |
| 24426 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 6.914 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 4E-07 |
| 24426 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 11.44 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24426 RAVENNA AVE | Benzene | µg/kg | 157.1 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-03 | 7E-07 |
| 24426 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.21 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24426 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.338 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24426 RAVENNA AVE | Cobalt | mg/kg | 9.556 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24426 RAVENNA AVE | Ethylbenzene | µg/kg | 1277 | 95UCL | 3.3E+06 | 4.8E+03 | 4E-04 | 3E-07 |
| 24426 RAVENNA AVE | Naphthalene | mg/kg | 3.688 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 9E-07 |
| 24426 RAVENNA AVE | Pyrene | mg/kg | 2.585 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 24426 RAVENNA AVE | Toluene | µg/kg | 4.624 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24426 RAVENNA AVE | TPH as Diesel | mg/kg | 3832 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24426 RAVENNA AVE | TPH as Gasoline | mg/kg | 278.6 | 95UCL | 7.6E+02 | -- | 4E-01 | -- |
| 24426 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3298 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24426 RAVENNA AVE | Xylenes, Total | µg/kg | 1340 | 95UCL | 5.6E+05 | -- | 2E-03 | -- |
| 24427 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.023 | Max | 2.3E+02 | -- | 1E-04 | -- |
| 24427 MARBELLA AVE | Benzene | µg/kg | 0.195 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24427 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24427 MARBELLA AVE | Cobalt | mg/kg | 13.83 | 95UCL | 2.3E+01 | 3.1E+04 | 6E-01 | 4E-10 |
| 24427 MARBELLA AVE | Naphthalene | mg/kg | 0.0094 | Max | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24427 MARBELLA AVE | Pyrene | mg/kg | 0.026 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24427 MARBELLA AVE | Tetrachloroethene | µg/kg | 4.95 | 95UCL | 8.6E+04 | 5.5E+02 | 6E-05 | 9E-09 |
| 24427 MARBELLA AVE | Toluene | µg/kg | 0.211 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24427 MARBELLA AVE | TPH as Diesel | mg/kg | 70.97 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 24427 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24427 MARBELLA AVE | TPH as Motor Oil | mg/kg | 173.8 | 95UCL | 3.3E+03 | -- | 5E-02 | -- |
| 24427 MARBELLA AVE | Trichloroethene | µg/kg | 0.25 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24427 MARBELLA AVE | Vanadium | mg/kg | 45.26 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24427 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.18 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 24427 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.01 | Max | 4.0E+03 | 1.6E+01 | 3E-06 | 6E-10 |
| 24427 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0111 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24427 PANAMA AVE | Benzene | µg/kg | 0.148 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24427 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.38 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24427 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.56 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24427 PANAMA AVE | Cobalt | mg/kg | 9.91 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24427 PANAMA AVE | Naphthalene | mg/kg | 0.013 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 24427 PANAMA AVE | Pyrene | mg/kg | 0.215 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24427 PANAMA AVE | Toluene | µg/kg | 0.206 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24427 PANAMA AVE | TPH as Diesel | mg/kg | 425.4 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24427 PANAMA AVE | TPH as Gasoline | mg/kg | 0.11 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24427 PANAMA AVE | TPH as Motor Oil | mg/kg | 653.7 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24427 PANAMA AVE | Xylenes, Total | µg/kg | 0.34 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24429 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.509 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 24429 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1 | Max | 4.0E+03 | 1.6E+01 | 3E-04 | 6E-08 |
| 24429 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.92 | Max | 2.3E+02 | -- | 4E-03 | -- |
| 24429 NEPTUNE AVE | Benzene | µg/kg | 0.258 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24429 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24429 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.63 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24429 NEPTUNE AVE | Naphthalene | mg/kg | 0.22 | Max | 1.5E+02 | 4.0E+00 | 2E-03 | 6E-08 |
| 24429 NEPTUNE AVE | Pyrene | mg/kg | 0.263 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24429 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.17 | Max | 8.6E+04 | 5.5E+02 | 2E-06 | 3E-10 |
| 24429 NEPTUNE AVE | Toluene | µg/kg | 0.265 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24429 NEPTUNE AVE | TPH as Diesel | mg/kg | 2720 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24429 NEPTUNE AVE | TPH as Gasoline | mg/kg | 6.4 | Max | 7.6E+02 | -- | 8E-03 | -- |
| 24429 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3088 | 95UCL | 3.3E+03 | -- | 9E-01 | -- |
| 24429 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.373 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 24429 RAVENNA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.218 | 95UCL | 6.2E+05 | 4.7E+02 | 4E-07 | 5E-10 |
| 24429 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.7 | Max | 8.3E+04 | -- | 2E-05 | -- |
| 24429 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.3 | Max | 8.5E+04 | -- | 2E-05 | -- |
| 24429 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.219 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-05 | 1E-08 |
| 24429 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.139 | 95UCL | 2.3E+02 | -- | 6E-04 | -- |
| 24429 RAVENNA AVE | Benzene | µg/kg | 0.281 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24429 RAVENNA AVE | Bromomethane | µg/kg | 170 | Max | 8.8E+03 | -- | 2E-02 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24429 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.37 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24429 RAVENNA AVE | Ethylbenzene | µg/kg | 0.37 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 8E-11 |
| 24429 RAVENNA AVE | Naphthalene | mg/kg | 0.042 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24429 RAVENNA AVE | Pyrene | mg/kg | 0.229 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24429 RAVENNA AVE | Toluene | µg/kg | 0.254 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24429 RAVENNA AVE | TPH as Diesel | mg/kg | 912.3 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24429 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.498 | 95UCL | 7.6E+02 | -- | 7E-04 | -- |
| 24429 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1270 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24429 RAVENNA AVE | Xylenes, Total | µg/kg | 0.43 | Max | 5.6E+05 | -- | 8E-07 | -- |
| 24430 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.14 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24430 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0024 | Max | 4.0E+03 | 1.6E+01 | 6E-07 | 2E-10 |
| 24430 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0106 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24430 PANAMA AVE | Benzene | µg/kg | 0.18 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24430 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24430 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.38 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24430 PANAMA AVE | Naphthalene | mg/kg | 0.00579 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24430 PANAMA AVE | Pyrene | mg/kg | 0.0536 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24430 PANAMA AVE | Toluene | µg/kg | 0.391 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24430 PANAMA AVE | TPH as Diesel | mg/kg | 42.89 | 95UCL | 1.3E+03 | -- | 3E-02 | -- |
| 24430 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0761 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24430 PANAMA AVE | TPH as Motor Oil | mg/kg | 115.8 | 95UCL | 3.3E+03 | -- | 4E-02 | -- |
| 24430 PANAMA AVE | Xylenes, Total | µg/kg | 0.29 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24431 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.23 | Max | 6.2E+05 | 4.7E+02 | 4E-07 | 5E-10 |
| 24431 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.407 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24431 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.015 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24431 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0332 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24431 PANAMA AVE | Benzene | µg/kg | 0.434 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24431 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24431 PANAMA AVE | Cobalt | mg/kg | 10.05 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24431 PANAMA AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24431 PANAMA AVE | Naphthalene | mg/kg | 0.011 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24431 PANAMA AVE | Pyrene | mg/kg | 0.1 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24431 PANAMA AVE | Tetrachloroethene | µg/kg | 8.3 | Max | 8.6E+04 | 5.5E+02 | 1E-04 | 2E-08 |
| 24431 PANAMA AVE | Toluene | µg/kg | 0.301 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24431 PANAMA AVE | TPH as Diesel | mg/kg | 848 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24431 PANAMA AVE | TPH as Gasoline | mg/kg | 0.1 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24431 PANAMA AVE | TPH as Motor Oil | mg/kg | 2449 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24431 PANAMA AVE | Trichloroethene | µg/kg | 0.4 | Max | 5.8E+03 | 1.2E+03 | 7E-05 | 3E-10 |
| 24431 PANAMA AVE | Xylenes, Total | µg/kg | 0.497 | 95UCL | 5.6E+05 | -- | 9E-07 | -- |
| 24432 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2.225 | 95UCL | 8.3E+04 | -- | 3E-05 | -- |
| 24432 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.421 | 95UCL | 8.5E+04 | -- | 2E-05 | -- |
| 24432 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.741 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 5E-08 |
| 24432 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 1.049 | 95UCL | 2.3E+02 | -- | 5E-03 | -- |
| 24432 MARBELLA AVE | Benzene | µg/kg | 2.679 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-05 | 1E-08 |
| 24432 MARBELLA AVE | Ethylbenzene | µg/kg | 4.727 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-06 | 1E-09 |
| 24432 MARBELLA AVE | Naphthalene | mg/kg | 0.267 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 7E-08 |
| 24432 MARBELLA AVE | Pyrene | mg/kg | 0.269 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24432 MARBELLA AVE | Toluene | µg/kg | 0.382 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24432 MARBELLA AVE | TPH as Diesel | mg/kg | 1136 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24432 MARBELLA AVE | TPH as Gasoline | mg/kg | 30.16 | 95UCL | 7.6E+02 | -- | 4E-02 | -- |
| 24432 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1807 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24432 MARBELLA AVE | Trichloroethene | µg/kg | 0.19 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 2E-10 |
| 24432 MARBELLA AVE | Xylenes, Total | µg/kg | 6.126 | 95UCL | 5.6E+05 | -- | 1E-05 | -- |
| 24433 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 8.172 | 95UCL | 8.3E+04 | -- | 1E-04 | -- |
| 24433 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.24 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24433 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0179 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-06 | 1E-09 |
| 24433 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00865 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24433 MARBELLA AVE | Benzene | µg/kg | 0.16 | Max | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24433 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.191 | 95UCL | 2.3E+02 | 1.3E+00 | 8E-04 | 2E-07 |
| 24433 MARBELLA AVE | Cobalt | mg/kg | 13.2 | 95UCL | 2.3E+01 | 3.1E+04 | 6E-01 | 4E-10 |
| 24433 MARBELLA AVE | Ethylbenzene | µg/kg | 0.64 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24433 MARBELLA AVE | Naphthalene | mg/kg | 0.0641 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-04 | 2E-08 |
| 24433 MARBELLA AVE | Pyrene | mg/kg | 0.0553 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24433 MARBELLA AVE | Tetrachloroethene | µg/kg | 5231 | 95UCL | 8.6E+04 | 5.5E+02 | 6E-02 | **9E-06** |
| 24433 MARBELLA AVE | Toluene | µg/kg | 24.76 | 95UCL | 4.8E+06 | -- | 5E-06 | -- |
| 24433 MARBELLA AVE | TPH as Diesel | mg/kg | 4670 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24433 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.19 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24433 MARBELLA AVE | TPH as Motor Oil | mg/kg | 10174 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24433 MARBELLA AVE | Trichloroethene | µg/kg | 140 | Max | 5.8E+03 | 1.2E+03 | 2E-02 | 1E-07 |
| 24433 MARBELLA AVE | Vanadium | mg/kg | 40.5 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24433 MARBELLA AVE | Xylenes, Total | µg/kg | 100 | Max | 5.6E+05 | -- | 2E-04 | -- |
| 24436 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 0.91 | Max | 2.4E+03 | 2.1E+01 | 4E-04 | 4E-08 |
| 24436 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.234 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24436 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0061 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24436 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00724 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 24436 PANAMA AVE | Benzene | µg/kg | 0.153 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24436 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.45 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24436 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.33 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24436 PANAMA AVE | Naphthalene | mg/kg | 0.00402 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24436 PANAMA AVE | Pyrene | mg/kg | 0.0275 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24436 PANAMA AVE | Toluene | µg/kg | 0.225 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24436 PANAMA AVE | TPH as Diesel | mg/kg | 28.22 | 95UCL | 1.3E+03 | -- | 2E-02 | -- |
| 24436 PANAMA AVE | TPH as Gasoline | mg/kg | 0.087 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24436 PANAMA AVE | TPH as Motor Oil | mg/kg | 85.56 | 95UCL | 3.3E+03 | -- | 3E-02 | -- |
| 24436 PANAMA AVE | Xylenes, Total | µg/kg | 0.2 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24502 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4.681 | 95UCL | 8.3E+04 | -- | 6E-05 | -- |
| 24502 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.5 | Max | 8.5E+04 | -- | 2E-05 | -- |
| 24502 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.17 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 6E-11 |
| 24502 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.166 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-05 | 1E-08 |
| 24502 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.418 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24502 MARBELLA AVE | Benzene | µg/kg | 0.37 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24502 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24502 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.19 | Max | 4.3E+05 | 4.9E+02 | 4E-07 | 4E-10 |
| 24502 MARBELLA AVE | Bromomethane | µg/kg | 180 | Max | 8.8E+03 | -- | 2E-02 | -- |
| 24502 MARBELLA AVE | Cobalt | mg/kg | 9.758 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24502 MARBELLA AVE | Ethylbenzene | µg/kg | 7.141 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-06 | 2E-09 |
| 24502 MARBELLA AVE | Naphthalene | mg/kg | 0.148 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 4E-08 |
| 24502 MARBELLA AVE | Pyrene | mg/kg | 0.259 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24502 MARBELLA AVE | Toluene | µg/kg | 0.273 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24502 MARBELLA AVE | TPH as Diesel | mg/kg | 1346 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24502 MARBELLA AVE | TPH as Gasoline | mg/kg | 45.98 | 95UCL | 7.6E+02 | -- | 6E-02 | -- |
| 24502 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2133 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24502 MARBELLA AVE | Xylenes, Total | µg/kg | 6.71 | 95UCL | 5.6E+05 | -- | 1E-05 | -- |
| 24502 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.45 | 95UCL | 8.3E+04 | -- | 2E-05 | -- |
| 24502 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 4.8 | Max | 8.5E+04 | -- | 6E-05 | -- |
| 24502 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.288 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-05 | 2E-08 |
| 24502 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.13 | 95UCL | 2.3E+02 | -- | 6E-04 | -- |
| 24502 NEPTUNE AVE | Benzene | µg/kg | 0.137 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 6E-10 |
| 24502 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.457 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24502 NEPTUNE AVE | Ethylbenzene | µg/kg | 2.2 | Max | 3.3E+06 | 4.8E+03 | 7E-07 | 5E-10 |
| 24502 NEPTUNE AVE | Naphthalene | mg/kg | 0.0121 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24502 NEPTUNE AVE | Pyrene | mg/kg | 0.0583 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24502 NEPTUNE AVE | Toluene | µg/kg | 0.155 | 95UCL | 4.8E+06 | -- | 3E-08 | -- |
| 24502 NEPTUNE AVE | TPH as Diesel | mg/kg | 436.3 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24502 NEPTUNE AVE | TPH as Gasoline | mg/kg | 5.422 | 95UCL | 7.6E+02 | -- | 7E-03 | -- |
| 24502 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 765.5 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24502 NEPTUNE AVE | Xylenes, Total | µg/kg | 3.4 | Max | 5.6E+05 | -- | 6E-06 | -- |
| 24502 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00264 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-07 | 2E-10 |
| 24502 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00247 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 24502 PANAMA AVE | Benzene | µg/kg | 0.184 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24502 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24502 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.284 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24502 PANAMA AVE | Naphthalene | mg/kg | 0.00127 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-06 | 3E-10 |
| 24502 PANAMA AVE | Pyrene | mg/kg | 0.00442 | 95UCL | 1.7E+03 | -- | 3E-06 | -- |
| 24502 PANAMA AVE | Toluene | µg/kg | 0.2 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24502 PANAMA AVE | TPH as Diesel | mg/kg | 43 | Max | 1.3E+03 | -- | 3E-02 | -- |
| 24502 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0927 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24502 PANAMA AVE | TPH as Motor Oil | mg/kg | 23.94 | 95UCL | 3.3E+03 | -- | 7E-03 | -- |
| 24502 PANAMA AVE | Xylenes, Total | µg/kg | 0.23 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24502 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 20000 | Max | 8.3E+04 | -- | 2E-01 | -- |
| 24502 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1200 | Max | 8.5E+04 | -- | 1E-02 | -- |
| 24502 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.07 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 24502 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 8.491 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24502 RAVENNA AVE | Benzene | µg/kg | 138.5 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-03 | 6E-07 |
| 24502 RAVENNA AVE | Bromomethane | µg/kg | 900 | Max | 8.8E+03 | -- | 1E-01 | -- |
| 24502 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.369 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24502 RAVENNA AVE | Ethylbenzene | µg/kg | 5800 | Max | 3.3E+06 | 4.8E+03 | 2E-03 | 1E-06 |
| 24502 RAVENNA AVE | Naphthalene | mg/kg | 3.068 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 8E-07 |
| 24502 RAVENNA AVE | Pyrene | mg/kg | 1.264 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24502 RAVENNA AVE | Toluene | µg/kg | 0.17 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 24502 RAVENNA AVE | TPH as Diesel | mg/kg | 4405 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24502 RAVENNA AVE | TPH as Gasoline | mg/kg | 382.4 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24502 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4618 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24502 RAVENNA AVE | Xylenes, Total | µg/kg | 7800 | Max | 5.6E+05 | -- | 1E-02 | -- |
| 24503 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.27 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24503 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0075 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24503 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00163 | 95UCL | 2.3E+02 | -- | 7E-06 | -- |
| 24503 MARBELLA AVE | Benzene | µg/kg | 0.237 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24503 MARBELLA AVE | Cobalt | mg/kg | 12.29 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24503 MARBELLA AVE | Naphthalene | mg/kg | 0.0112 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24503 MARBELLA AVE | Pyrene | mg/kg | 0.0303 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24503 MARBELLA AVE | Tetrachloroethene | µg/kg | 2.805 | 95UCL | 8.6E+04 | 5.5E+02 | 3E-05 | 5E-09 |
| 24503 MARBELLA AVE | Toluene | µg/kg | 0.273 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24503 MARBELLA AVE | TPH as Diesel | mg/kg | 51.84 | 95UCL | 1.3E+03 | -- | 4E-02 | -- |
| 24503 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.17 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24503 MARBELLA AVE | TPH as Motor Oil | mg/kg | 137.7 | 95UCL | 3.3E+03 | -- | 4E-02 | -- |
| 24503 MARBELLA AVE | Trichloroethene | µg/kg | 0.26 | Max | 5.8E+03 | 1.2E+03 | 5E-05 | 2E-10 |
| 24503 MARBELLA AVE | Vanadium | mg/kg | 41.05 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24503 MARBELLA AVE | Xylenes, Total | µg/kg | 0.21 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24503 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.2 | Max | 8.3E+04 | -- | 2E-05 | -- |
| 24503 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.21 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24503 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.338 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-05 | 2E-08 |
| 24503 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.463 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24503 NEPTUNE AVE | Benzene | µg/kg | 0.213 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24503 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.2 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24503 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24503 NEPTUNE AVE | Ethylbenzene | µg/kg | 1.327 | 95UCL | 3.3E+06 | 4.8E+03 | 4E-07 | 3E-10 |
| 24503 NEPTUNE AVE | Naphthalene | mg/kg | 0.135 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-04 | 3E-08 |
| 24503 NEPTUNE AVE | Pyrene | mg/kg | 0.211 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24503 NEPTUNE AVE | Toluene | µg/kg | 0.184 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24503 NEPTUNE AVE | TPH as Diesel | mg/kg | 2019 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24503 NEPTUNE AVE | TPH as Gasoline | mg/kg | 13.01 | 95UCL | 7.6E+02 | -- | 2E-02 | -- |
| 24503 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1565 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24503 NEPTUNE AVE | Xylenes, Total | µg/kg | 1.7 | Max | 5.6E+05 | -- | 3E-06 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24503 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 173.6 | 95UCL | 8.3E+04 | -- | 2E-03 | -- |
| 24503 PANAMA AVE | 1,2-Dichloropropane | µg/kg | 100 | Max | 1.5E+04 | 8.3E+02 | 7E-03 | 1E-07 |
| 24503 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 100 | Max | 8.5E+04 | -- | 1E-03 | -- |
| 24503 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 11 | Max | 4.0E+03 | 1.6E+01 | 3E-03 | 7E-07 |
| 24503 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 5.479 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24503 PANAMA AVE | Benzene | µg/kg | 63.05 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-04 | 3E-07 |
| 24503 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.26 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 24503 PANAMA AVE | Ethylbenzene | µg/kg | 880 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-04 | 2E-07 |
| 24503 PANAMA AVE | Naphthalene | mg/kg | 2.32 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24503 PANAMA AVE | Pyrene | mg/kg | 0.364 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24503 PANAMA AVE | Toluene | µg/kg | 9.637 | 95UCL | 4.8E+06 | -- | 2E-06 | -- |
| 24503 PANAMA AVE | TPH as Diesel | mg/kg | 4125 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24503 PANAMA AVE | TPH as Gasoline | mg/kg | 216.9 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24503 PANAMA AVE | TPH as Motor Oil | mg/kg | 3751 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24503 PANAMA AVE | Xylenes, Total | µg/kg | 103.7 | 95UCL | 5.6E+05 | -- | 2E-04 | -- |
| 24503 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.1 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24503 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.027 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-06 | 2E-09 |
| 24503 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0199 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24503 RAVENNA AVE | Benzene | µg/kg | 0.244 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24503 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.4 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24503 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24503 RAVENNA AVE | Ethylbenzene | µg/kg | 0.46 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 1E-10 |
| 24503 RAVENNA AVE | Methylene Chloride | µg/kg | 3 | Max | 3.6E+05 | 5.3E+03 | 8E-06 | 6E-10 |
| 24503 RAVENNA AVE | Naphthalene | mg/kg | 0.0307 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24503 RAVENNA AVE | Pyrene | mg/kg | 0.145 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24503 RAVENNA AVE | Toluene | µg/kg | 0.895 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24503 RAVENNA AVE | TPH as Diesel | mg/kg | 202 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24503 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.397 | 95UCL | 7.6E+02 | -- | 5E-04 | -- |
| 24503 RAVENNA AVE | TPH as Motor Oil | mg/kg | 322.7 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24503 RAVENNA AVE | Xylenes, Total | µg/kg | 0.452 | 95UCL | 5.6E+05 | -- | 8E-07 | -- |
| 24506 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1670 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 24506 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2200 | Max | 8.5E+04 | -- | 3E-02 | -- |
| 24506 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24506 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 5.416 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 4E-07 |
| 24506 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 7.695 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24506 MARBELLA AVE | Benzene | µg/kg | 641 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-02 | **3E-06** |
| 24506 MARBELLA AVE | Bromomethane | µg/kg | 220 | Max | 8.8E+03 | -- | 3E-02 | -- |
| 24506 MARBELLA AVE | Cobalt | mg/kg | 10.47 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24506 MARBELLA AVE | Ethylbenzene | µg/kg | 5000 | Max | 3.3E+06 | 4.8E+03 | 2E-03 | 1E-06 |
| 24506 MARBELLA AVE | Methylene Chloride | µg/kg | 4.4 | Max | 3.6E+05 | 5.3E+03 | 1E-05 | 8E-10 |
| 24506 MARBELLA AVE | Naphthalene | mg/kg | 2.783 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 7E-07 |
| 24506 MARBELLA AVE | Pyrene | mg/kg | 0.81 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24506 MARBELLA AVE | Toluene | µg/kg | 219.3 | 95UCL | 4.8E+06 | -- | 5E-05 | -- |
| 24506 MARBELLA AVE | TPH as Diesel | mg/kg | 5241 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24506 MARBELLA AVE | TPH as Gasoline | mg/kg | 167.9 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24506 MARBELLA AVE | TPH as Motor Oil | mg/kg | 10686 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24506 MARBELLA AVE | Xylenes, Total | µg/kg | 1919 | 95UCL | 5.6E+05 | -- | 3E-03 | -- |
| 24507 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.008 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24507 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0114 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24507 MARBELLA AVE | Benzene | µg/kg | 0.237 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24507 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24507 MARBELLA AVE | Cobalt | mg/kg | 13.64 | 95UCL | 2.3E+01 | 3.1E+04 | 6E-01 | 4E-10 |
| 24507 MARBELLA AVE | Naphthalene | mg/kg | 0.0117 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24507 MARBELLA AVE | Pyrene | mg/kg | 0.101 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24507 MARBELLA AVE | Tetrachloroethene | µg/kg | 2.919 | 95UCL | 8.6E+04 | 5.5E+02 | 3E-05 | 5E-09 |
| 24507 MARBELLA AVE | Toluene | µg/kg | 0.208 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24507 MARBELLA AVE | TPH as Diesel | mg/kg | 91.51 | 95UCL | 1.3E+03 | -- | 7E-02 | -- |
| 24507 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0776 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24507 MARBELLA AVE | TPH as Motor Oil | mg/kg | 323.5 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24507 MARBELLA AVE | Trichloroethene | µg/kg | 0.22 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24507 MARBELLA AVE | Vanadium | mg/kg | 45.42 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24508 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.1 | Max | 8.3E+04 | -- | 1E-06 | -- |
| 24508 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 200 | Max | 3.6E+06 | 2.8E+03 | 6E-05 | 7E-08 |
| 24508 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.015 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24508 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.051 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24508 NEPTUNE AVE | Benzene | µg/kg | 0.437 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24508 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.32 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 9E-09 |
| 24508 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.35 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24508 NEPTUNE AVE | Ethylbenzene | µg/kg | 1 | Max | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24508 NEPTUNE AVE | Naphthalene | mg/kg | 0.00944 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24508 NEPTUNE AVE | Pyrene | mg/kg | 0.363 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24508 NEPTUNE AVE | Toluene | µg/kg | 0.214 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24508 NEPTUNE AVE | TPH as Diesel | mg/kg | 1009 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24508 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.503 | 95UCL | 7.6E+02 | -- | 7E-04 | -- |
| 24508 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2536 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24508 NEPTUNE AVE | Xylenes, Total | µg/kg | 1.4 | Max | 5.6E+05 | -- | 3E-06 | -- |
| 24508 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00309 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-07 | 2E-10 |
| 24508 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00365 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24508 PANAMA AVE | Benzene | µg/kg | 0.24 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24508 PANAMA AVE | Bromomethane | µg/kg | 1.7 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24508 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.32 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24508 PANAMA AVE | Naphthalene | mg/kg | 0.00228 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24508 PANAMA AVE | Pyrene | mg/kg | 0.00434 | 95UCL | 1.7E+03 | -- | 3E-06 | -- |
| 24508 PANAMA AVE | Toluene | µg/kg | 0.18 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24508 PANAMA AVE | TPH as Diesel | mg/kg | 88 | Max | 1.3E+03 | -- | 7E-02 | -- |
| 24508 PANAMA AVE | TPH as Gasoline | mg/kg | 0.075 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24508 PANAMA AVE | TPH as Motor Oil | mg/kg | 280 | Max | 3.3E+03 | -- | 9E-02 | -- |
| 24508 PANAMA AVE | Trichloroethene | µg/kg | 1.4 | Max | 5.8E+03 | 1.2E+03 | 2E-04 | 1E-09 |
| 24508 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 12.42 | 95UCL | 8.3E+04 | -- | 2E-04 | -- |
| 24508 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.4 | Max | 8.5E+04 | -- | 2E-05 | -- |
| 24508 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.411 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |
| 24508 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 3.574 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24508 RAVENNA AVE | Benzene | µg/kg | 3.331 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-05 | 2E-08 |
| 24508 RAVENNA AVE | Cobalt | mg/kg | 9.18 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24508 RAVENNA AVE | Ethylbenzene | µg/kg | 12.05 | 95UCL | 3.3E+06 | 4.8E+03 | 4E-06 | 3E-09 |
| 24508 RAVENNA AVE | Naphthalene | mg/kg | 1.105 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-03 | 3E-07 |
| 24508 RAVENNA AVE | Pyrene | mg/kg | 0.482 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24508 RAVENNA AVE | Toluene | µg/kg | 0.216 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24508 RAVENNA AVE | TPH as Diesel | mg/kg | 2355 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24508 RAVENNA AVE | TPH as Gasoline | mg/kg | 103.4 | 95UCL | 7.6E+02 | -- | 1E-01 | -- |
| 24508 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2664 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24508 RAVENNA AVE | Xylenes, Total | µg/kg | 6.573 | 95UCL | 5.6E+05 | -- | 1E-05 | -- |
| 24509 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.203 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24509 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0113 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24509 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.035 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24509 NEPTUNE AVE | Benzene | µg/kg | 0.208 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24509 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24509 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.24 | Max | 4.3E+05 | 4.9E+02 | 6E-07 | 5E-10 |
| 24509 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.37 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24509 NEPTUNE AVE | Naphthalene | mg/kg | 0.00221 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24509 NEPTUNE AVE | Pyrene | mg/kg | 0.404 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24509 NEPTUNE AVE | Toluene | µg/kg | 0.268 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24509 NEPTUNE AVE | TPH as Diesel | mg/kg | 1996 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24509 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.134 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24509 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3376 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24509 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 48.52 | 95UCL | 8.3E+04 | -- | 6E-04 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24509 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 19 | Max | 8.5E+04 | -- | 2E-04 | -- |
| 24509 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.715 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 5E-08 |
| 24509 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.713 | 95UCL | 2.3E+02 | -- | 8E-03 | -- |
| 24509 PANAMA AVE | Benzene | µg/kg | 0.451 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24509 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.82 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 2E-08 |
| 24509 PANAMA AVE | Bromomethane | µg/kg | 2.5 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24509 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24509 PANAMA AVE | Ethylbenzene | µg/kg | 24.87 | 95UCL | 3.3E+06 | 4.8E+03 | 8E-06 | 5E-09 |
| 24509 PANAMA AVE | Naphthalene | mg/kg | 0.692 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-03 | 2E-07 |
| 24509 PANAMA AVE | Pyrene | mg/kg | 0.495 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24509 PANAMA AVE | Toluene | µg/kg | 0.864 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24509 PANAMA AVE | TPH as Diesel | mg/kg | 2721 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24509 PANAMA AVE | TPH as Gasoline | mg/kg | 1.637 | 95UCL | 7.6E+02 | -- | 2E-03 | -- |
| 24509 PANAMA AVE | TPH as Motor Oil | mg/kg | 4031 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24509 PANAMA AVE | Xylenes, Total | µg/kg | 10.71 | 95UCL | 5.6E+05 | -- | 2E-05 | -- |
| 24509 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.35 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24509 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.16 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24509 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00838 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24509 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.036 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24509 RAVENNA AVE | Benzene | µg/kg | 0.147 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24509 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.66 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24509 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24509 RAVENNA AVE | Ethylbenzene | µg/kg | 0.53 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24509 RAVENNA AVE | Naphthalene | mg/kg | 0.0126 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24509 RAVENNA AVE | Pyrene | mg/kg | 0.221 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24509 RAVENNA AVE | Toluene | µg/kg | 0.161 | 95UCL | 4.8E+06 | -- | 3E-08 | -- |
| 24509 RAVENNA AVE | TPH as Diesel | mg/kg | 3562 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24509 RAVENNA AVE | TPH as Gasoline | mg/kg | 24 | Max | 7.6E+02 | -- | 3E-02 | -- |
| 24509 RAVENNA AVE | TPH as Motor Oil | mg/kg | 5249 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24509 RAVENNA AVE | Xylenes, Total | µg/kg | 0.429 | 95UCL | 5.6E+05 | -- | 8E-07 | -- |
| 24512 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2431 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24512 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 604.3 | 95UCL | 8.5E+04 | -- | 7E-03 | -- |
| 24512 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 4.467 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24512 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 6.362 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24512 MARBELLA AVE | Benzene | µg/kg | 269.1 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-03 | 1E-06 |
| 24512 MARBELLA AVE | Bromomethane | µg/kg | 2.8 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24512 MARBELLA AVE | Cobalt | mg/kg | 10.94 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24512 MARBELLA AVE | Ethylbenzene | µg/kg | 817.9 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-04 | 2E-07 |
| 24512 MARBELLA AVE | Naphthalene | mg/kg | 2.722 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 7E-07 |
| 24512 MARBELLA AVE | Pyrene | mg/kg | 0.414 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24512 MARBELLA AVE | Toluene | µg/kg | 0.169 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24512 MARBELLA AVE | TPH as Diesel | mg/kg | 5208 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24512 MARBELLA AVE | TPH as Gasoline | mg/kg | 462.1 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24512 MARBELLA AVE | TPH as Motor Oil | mg/kg | 7207 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24512 MARBELLA AVE | Vanadium | mg/kg | 40.78 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24512 MARBELLA AVE | Xylenes, Total | µg/kg | 862 | 95UCL | 5.6E+05 | -- | 2E-03 | -- |
| 24512 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1600 | Max | 8.3E+04 | -- | 2E-02 | -- |
| 24512 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 340 | Max | 8.5E+04 | -- | 4E-03 | -- |
| 24512 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.801 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-04 | 1E-07 |
| 24512 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.021 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24512 NEPTUNE AVE | Benzene | µg/kg | 31.93 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-04 | 2E-07 |
| 24512 NEPTUNE AVE | Ethylbenzene | µg/kg | 560 | Max | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24512 NEPTUNE AVE | Methylene Chloride | µg/kg | 1.4 | Max | 3.6E+05 | 5.3E+03 | 4E-06 | 3E-10 |
| 24512 NEPTUNE AVE | Naphthalene | mg/kg | 1.578 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 4E-07 |
| 24512 NEPTUNE AVE | Pyrene | mg/kg | 0.559 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24512 NEPTUNE AVE | TPH as Diesel | mg/kg | 2474 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24512 NEPTUNE AVE | TPH as Gasoline | mg/kg | 100 | Max | 7.6E+02 | -- | 1E-01 | -- |
| 24512 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3496 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24512 NEPTUNE AVE | Xylenes, Total | µg/kg | 1100 | Max | 5.6E+05 | -- | 2E-03 | -- |
| 24512 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.11 | Max | 8.3E+04 | -- | 1E-06 | -- |
| 24512 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00201 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-07 | 1E-10 |
| 24512 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00387 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24512 PANAMA AVE | Benzene | µg/kg | 0.15 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24512 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24512 PANAMA AVE | Naphthalene | mg/kg | 0.077 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-04 | 2E-08 |
| 24512 PANAMA AVE | Pyrene | mg/kg | 0.0161 | 95UCL | 1.7E+03 | -- | 9E-06 | -- |
| 24512 PANAMA AVE | Toluene | µg/kg | 0.185 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24512 PANAMA AVE | TPH as Diesel | mg/kg | 45 | Max | 1.3E+03 | -- | 4E-02 | -- |
| 24512 PANAMA AVE | TPH as Gasoline | mg/kg | 0.075 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24512 PANAMA AVE | TPH as Motor Oil | mg/kg | 140 | Max | 3.3E+03 | -- | 4E-02 | -- |
| 24512 PANAMA AVE | Trichloroethene | µg/kg | 0.3 | Max | 5.8E+03 | 1.2E+03 | 5E-05 | 3E-10 |
| 24512 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3797 | 95UCL | 8.3E+04 | -- | 5E-02 | -- |
| 24512 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 451.9 | 95UCL | 8.5E+04 | -- | 5E-03 | -- |
| 24512 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.8 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24512 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 4.566 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24512 RAVENNA AVE | Benzene | µg/kg | 539.9 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-03 | **3E-06** |
| 24512 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.74 | Max | 1.2E+03 | 3.5E+01 | 6E-04 | 2E-08 |
| 24512 RAVENNA AVE | Bromomethane | µg/kg | 500 | Max | 8.8E+03 | -- | 6E-02 | -- |
| 24512 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24512 RAVENNA AVE | Ethylbenzene | µg/kg | 1673 | 95UCL | 3.3E+06 | 4.8E+03 | 5E-04 | 4E-07 |
| 24512 RAVENNA AVE | Naphthalene | mg/kg | 2 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24512 RAVENNA AVE | Pyrene | mg/kg | 0.153 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 24512 RAVENNA AVE | Toluene | µg/kg | 0.178 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24512 RAVENNA AVE | TPH as Diesel | mg/kg | 2759 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24512 RAVENNA AVE | TPH as Gasoline | mg/kg | 523.2 | 95UCL | 7.6E+02 | -- | 7E-01 | -- |
| 24512 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3676 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24512 RAVENNA AVE | Xylenes, Total | µg/kg | 3655 | 95UCL | 5.6E+05 | -- | 7E-03 | -- |
| 24513 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.813 | 95UCL | 8.3E+04 | -- | 2E-05 | -- |
| 24513 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 12 | Max | 8.5E+04 | -- | 1E-04 | -- |
| 24513 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.016 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24513 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0143 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 24513 NEPTUNE AVE | Benzene | µg/kg | 0.203 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24513 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24513 NEPTUNE AVE | Ethylbenzene | µg/kg | 32 | Max | 3.3E+06 | 4.8E+03 | 1E-05 | 7E-09 |
| 24513 NEPTUNE AVE | Naphthalene | mg/kg | 0.0308 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24513 NEPTUNE AVE | Pyrene | mg/kg | 0.0753 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24513 NEPTUNE AVE | Toluene | µg/kg | 0.238 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24513 NEPTUNE AVE | TPH as Diesel | mg/kg | 265.9 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24513 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.14 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24513 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 530.6 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24513 NEPTUNE AVE | Xylenes, Total | µg/kg | 52 | Max | 5.6E+05 | -- | 9E-05 | -- |
| 24513 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3238 | 95UCL | 8.3E+04 | -- | 4E-02 | -- |
| 24513 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 3100 | Max | 8.5E+04 | -- | 4E-02 | -- |
| 24513 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 2.93 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24513 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 7.649 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24513 PANAMA AVE | Benzene | µg/kg | 343.5 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-03 | **2E-06** |
| 24513 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.56 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24513 PANAMA AVE | Bromomethane | µg/kg | 1.8 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24513 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.366 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24513 PANAMA AVE | Ethylbenzene | µg/kg | 909 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-04 | 2E-07 |
| 24513 PANAMA AVE | Naphthalene | mg/kg | 2.934 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 7E-07 |
| 24513 PANAMA AVE | Pyrene | mg/kg | 0.38 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24513 PANAMA AVE | Toluene | µg/kg | 3.282 | 95UCL | 4.8E+06 | -- | 7E-07 | -- |
| 24513 PANAMA AVE | TPH as Diesel | mg/kg | 4370 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24513 PANAMA AVE | TPH as Gasoline | mg/kg | 376.5 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24513 PANAMA AVE | TPH as Motor Oil | mg/kg | 5355 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24513 PANAMA AVE | Xylenes, Total | µg/kg | 1224 | 95UCL | 5.6E+05 | -- | 2E-03 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24513 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24513 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.18 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 6E-11 |
| 24513 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0128 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 8E-10 |
| 24513 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0374 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24513 RAVENNA AVE | Benzene | µg/kg | 0.34 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24513 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.16 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24513 RAVENNA AVE | Bromodichloromethane | µg/kg | 0.17 | Max | 4.3E+05 | 4.9E+02 | 4E-07 | 4E-10 |
| 24513 RAVENNA AVE | Naphthalene | mg/kg | 0.0283 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |
| 24513 RAVENNA AVE | Pyrene | mg/kg | 0.0475 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24513 RAVENNA AVE | Toluene | µg/kg | 0.249 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24513 RAVENNA AVE | TPH as Diesel | mg/kg | 261.7 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24513 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.12 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24513 RAVENNA AVE | TPH as Motor Oil | mg/kg | 397.4 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24513 RAVENNA AVE | Xylenes, Total | µg/kg | 0.32 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24516 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2129 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24516 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 171.1 | 95UCL | 8.5E+04 | -- | 2E-03 | -- |
| 24516 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 1.812 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-04 | 1E-07 |
| 24516 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 5.208 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24516 MARBELLA AVE | Benzene | µg/kg | 76.62 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-03 | 4E-07 |
| 24516 MARBELLA AVE | Bromomethane | µg/kg | 2.3 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24516 MARBELLA AVE | Ethylbenzene | µg/kg | 462.9 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 1E-07 |
| 24516 MARBELLA AVE | Naphthalene | mg/kg | 1.983 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24516 MARBELLA AVE | Pyrene | mg/kg | 0.296 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24516 MARBELLA AVE | Toluene | µg/kg | 0.494 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24516 MARBELLA AVE | TPH as Diesel | mg/kg | 2400 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24516 MARBELLA AVE | TPH as Gasoline | mg/kg | 231.1 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24516 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3578 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24516 MARBELLA AVE | Xylenes, Total | µg/kg | 652.9 | 95UCL | 5.6E+05 | -- | 1E-03 | -- |
| 24517 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.23 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24517 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.11 | Max | 4.0E+03 | 1.6E+01 | 3E-05 | 7E-09 |
| 24517 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.021 | Max | 2.3E+02 | -- | 9E-05 | -- |
| 24517 MARBELLA AVE | Benzene | µg/kg | 0.2 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24517 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24517 MARBELLA AVE | Cobalt | mg/kg | 12.22 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24517 MARBELLA AVE | Naphthalene | mg/kg | 0.12 | Max | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24517 MARBELLA AVE | Pyrene | mg/kg | 0.765 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24517 MARBELLA AVE | Toluene | µg/kg | 0.56 | Max | 4.8E+06 | -- | 1E-07 | -- |
| 24517 MARBELLA AVE | TPH as Diesel | mg/kg | 768.1 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24517 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.23 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24517 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1787 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24517 MARBELLA AVE | Vanadium | mg/kg | 44.22 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24518 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 12.57 | 95UCL | 8.3E+04 | -- | 2E-04 | -- |
| 24518 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.725 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 1E-07 |
| 24518 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 5.137 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24518 NEPTUNE AVE | Benzene | µg/kg | 36.8 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-04 | 2E-07 |
| 24518 NEPTUNE AVE | Bromomethane | µg/kg | 30.4 | 95UCL | 8.8E+03 | -- | 4E-03 | -- |
| 24518 NEPTUNE AVE | Cobalt | mg/kg | 9.129 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24518 NEPTUNE AVE | Ethylbenzene | µg/kg | 427.6 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 9E-08 |
| 24518 NEPTUNE AVE | Naphthalene | mg/kg | 1.95 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24518 NEPTUNE AVE | Pyrene | mg/kg | 0.365 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24518 NEPTUNE AVE | Toluene | µg/kg | 3.014 | 95UCL | 4.8E+06 | -- | 6E-07 | -- |
| 24518 NEPTUNE AVE | TPH as Diesel | mg/kg | 2144 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24518 NEPTUNE AVE | TPH as Gasoline | mg/kg | 219 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24518 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2612 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24518 NEPTUNE AVE | Xylenes, Total | µg/kg | 7.191 | 95UCL | 5.6E+05 | -- | 1E-05 | -- |
| 24518 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.16 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24518 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.024 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 2E-09 |
| 24518 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0119 | 95UCL | 2.3E+02 | -- | 5E-05 | -- |
| 24518 PANAMA AVE | Benzene | µg/kg | 0.31 | Max | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24518 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.61 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24518 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.369 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24518 PANAMA AVE | Naphthalene | mg/kg | 0.00384 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24518 PANAMA AVE | Pyrene | mg/kg | 0.0291 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24518 PANAMA AVE | Toluene | µg/kg | 0.205 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24518 PANAMA AVE | TPH as Diesel | mg/kg | 57.09 | 95UCL | 1.3E+03 | -- | 4E-02 | -- |
| 24518 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0766 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24518 PANAMA AVE | TPH as Motor Oil | mg/kg | 180.6 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |
| 24518 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1505 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 24518 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 43 | Max | 8.5E+04 | -- | 5E-04 | -- |
| 24518 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.964 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24518 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 6.785 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24518 RAVENNA AVE | Benzene | µg/kg | 137.7 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-03 | 6E-07 |
| 24518 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24518 RAVENNA AVE | Ethylbenzene | µg/kg | 1131 | 95UCL | 3.3E+06 | 4.8E+03 | 4E-04 | 2E-07 |
| 24518 RAVENNA AVE | Naphthalene | mg/kg | 3.252 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 8E-07 |
| 24518 RAVENNA AVE | Pyrene | mg/kg | 0.598 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24518 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.44 | Max | 8.6E+04 | 5.5E+02 | 5E-06 | 8E-10 |
| 24518 RAVENNA AVE | Toluene | µg/kg | 0.321 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24518 RAVENNA AVE | TPH as Diesel | mg/kg | 4447 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24518 RAVENNA AVE | TPH as Gasoline | mg/kg | 444.2 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24518 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4808 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24518 RAVENNA AVE | Xylenes, Total | µg/kg | 263 | 95UCL | 5.6E+05 | -- | 5E-04 | -- |
| 24519 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 2.211 | 95UCL | 8.3E+04 | -- | 3E-05 | -- |
| 24519 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.8 | Max | 8.5E+04 | -- | 2E-05 | -- |
| 24519 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.25 | Max | 3.6E+06 | 2.8E+03 | 7E-08 | 9E-11 |
| 24519 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.209 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 8E-08 |
| 24519 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 3.413 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24519 NEPTUNE AVE | Benzene | µg/kg | 0.439 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24519 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.23 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24519 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24519 NEPTUNE AVE | Ethylbenzene | µg/kg | 150.7 | 95UCL | 3.3E+06 | 4.8E+03 | 5E-05 | 3E-08 |
| 24519 NEPTUNE AVE | Naphthalene | mg/kg | 1.196 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-03 | 3E-07 |
| 24519 NEPTUNE AVE | Pyrene | mg/kg | 0.202 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24519 NEPTUNE AVE | Toluene | µg/kg | 3.8 | 95UCL | 4.8E+06 | -- | 8E-07 | -- |
| 24519 NEPTUNE AVE | TPH as Diesel | mg/kg | 2156 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24519 NEPTUNE AVE | TPH as Gasoline | mg/kg | 190 | Max | 7.6E+02 | -- | 3E-01 | -- |
| 24519 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2380 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24519 NEPTUNE AVE | Xylenes, Total | µg/kg | 9.46 | 95UCL | 5.6E+05 | -- | 2E-05 | -- |
| 24519 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1190 | 95UCL | 8.3E+04 | -- | 1E-02 | -- |
| 24519 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 150 | Max | 8.5E+04 | -- | 2E-03 | -- |
| 24519 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.37 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 9E-08 |
| 24519 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 3.63 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24519 PANAMA AVE | Benzene | µg/kg | 209.9 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-03 | 1E-06 |
| 24519 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.268 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24519 PANAMA AVE | Ethylbenzene | µg/kg | 1115 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-04 | 2E-07 |
| 24519 PANAMA AVE | Naphthalene | mg/kg | 2.044 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24519 PANAMA AVE | Pyrene | mg/kg | 0.421 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24519 PANAMA AVE | Toluene | µg/kg | 0.231 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24519 PANAMA AVE | TPH as Diesel | mg/kg | 3252 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24519 PANAMA AVE | TPH as Gasoline | mg/kg | 189 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24519 PANAMA AVE | TPH as Motor Oil | mg/kg | 3075 | 95UCL | 3.3E+03 | -- | 9E-01 | -- |
| 24519 PANAMA AVE | Xylenes, Total | µg/kg | 185.2 | 95UCL | 5.6E+05 | -- | 3E-04 | -- |
| 24522 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 12000 | Max | 8.3E+04 | -- | 2E-01 | -- |
| 24522 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 340 | Max | 8.5E+04 | -- | 4E-03 | -- |
| 24522 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 4.662 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24522 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 13.62 | 95UCL | 2.3E+02 | -- | 6E-02 | -- |
| 24522 MARBELLA AVE | Benzene | µg/kg | 911.2 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-02 | **4E-06** |
| 24522 MARBELLA AVE | Cobalt | mg/kg | 12.36 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24522 MARBELLA AVE | Ethylbenzene | µg/kg | 11000 | Max | 3.3E+06 | 4.8E+03 | 3E-03 | **2E-06** |
| 24522 MARBELLA AVE | Naphthalene | mg/kg | 3.401 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 9E-07 |
| 24522 MARBELLA AVE | Pyrene | mg/kg | 0.092 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24522 MARBELLA AVE | Toluene | µg/kg | 0.272 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24522 MARBELLA AVE | TPH as Diesel | mg/kg | 11290 | 95UCL | 1.3E+03 | -- | **9E+00** | -- |
| 24522 MARBELLA AVE | TPH as Gasoline | mg/kg | 439.9 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24522 MARBELLA AVE | TPH as Motor Oil | mg/kg | 11693 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 24522 MARBELLA AVE | Vanadium | mg/kg | 42.97 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24522 MARBELLA AVE | Xylenes, Total | µg/kg | 670 | Max | 5.6E+05 | -- | 1E-03 | -- |
| 24522 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 9.893 | 95UCL | 8.3E+04 | -- | 1E-04 | -- |
| 24522 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.139 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 7E-08 |
| 24522 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.965 | 95UCL | 2.3E+02 | -- | 9E-03 | -- |
| 24522 NEPTUNE AVE | Benzene | µg/kg | 0.209 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24522 NEPTUNE AVE | Cobalt | mg/kg | 9.552 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24522 NEPTUNE AVE | Ethylbenzene | µg/kg | 420 | Max | 3.3E+06 | 4.8E+03 | 1E-04 | 9E-08 |
| 24522 NEPTUNE AVE | Methylene Chloride | µg/kg | 4.9 | Max | 3.6E+05 | 5.3E+03 | 1E-05 | 9E-10 |
| 24522 NEPTUNE AVE | Naphthalene | mg/kg | 0.747 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-03 | 2E-07 |
| 24522 NEPTUNE AVE | Pyrene | mg/kg | 0.514 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24522 NEPTUNE AVE | Toluene | µg/kg | 0.238 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24522 NEPTUNE AVE | TPH as Diesel | mg/kg | 1538 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24522 NEPTUNE AVE | TPH as Gasoline | mg/kg | 63.82 | 95UCL | 7.6E+02 | -- | 8E-02 | -- |
| 24522 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3149 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24522 NEPTUNE AVE | Xylenes, Total | µg/kg | 22 | Max | 5.6E+05 | -- | 4E-05 | -- |
| 24522 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.86 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24522 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.22 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24522 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0053 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24522 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00201 | 95UCL | 2.3E+02 | -- | 9E-06 | -- |
| 24522 PANAMA AVE | Benzene | µg/kg | 3.216 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-05 | 2E-08 |
| 24522 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.349 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24522 PANAMA AVE | Ethylbenzene | µg/kg | 2.9 | Max | 3.3E+06 | 4.8E+03 | 9E-07 | 6E-10 |
| 24522 PANAMA AVE | Naphthalene | mg/kg | 0.00138 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-06 | 4E-10 |
| 24522 PANAMA AVE | Pyrene | mg/kg | 0.00499 | 95UCL | 1.7E+03 | -- | 3E-06 | -- |
| 24522 PANAMA AVE | Toluene | µg/kg | 3.55 | 95UCL | 4.8E+06 | -- | 7E-07 | -- |
| 24522 PANAMA AVE | TPH as Diesel | mg/kg | 160 | Max | 1.3E+03 | -- | 1E-01 | -- |
| 24522 PANAMA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24522 PANAMA AVE | TPH as Motor Oil | mg/kg | 111.5 | 95UCL | 3.3E+03 | -- | 3E-02 | -- |
| 24522 PANAMA AVE | Xylenes, Total | µg/kg | 6 | Max | 5.6E+05 | -- | 1E-05 | -- |
| 24522 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1018 | 95UCL | 8.3E+04 | -- | 1E-02 | -- |
| 24522 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 99 | Max | 8.5E+04 | -- | 1E-03 | -- |
| 24522 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.391 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 24522 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 5.199 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24522 RAVENNA AVE | Benzene | µg/kg | 277.9 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-03 | 1E-06 |
| 24522 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24522 RAVENNA AVE | Ethylbenzene | µg/kg | 1968 | 95UCL | 3.3E+06 | 4.8E+03 | 6E-04 | 4E-07 |
| 24522 RAVENNA AVE | Naphthalene | mg/kg | 2.453 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24522 RAVENNA AVE | Pyrene | mg/kg | 0.311 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24522 RAVENNA AVE | Toluene | µg/kg | 4.655 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24522 RAVENNA AVE | TPH as Diesel | mg/kg | 2088 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24522 RAVENNA AVE | TPH as Gasoline | mg/kg | 348.4 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24522 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2083 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24522 RAVENNA AVE | Xylenes, Total | µg/kg | 169 | 95UCL | 5.6E+05 | -- | 3E-04 | -- |
| 24523 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.27 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24523 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00961 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24523 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0403 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24523 MARBELLA AVE | Benzene | µg/kg | 0.273 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24523 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.54 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 2E-08 |
| 24523 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24523 MARBELLA AVE | Cobalt | mg/kg | 11.16 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24523 MARBELLA AVE | Naphthalene | mg/kg | 0.0187 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24523 MARBELLA AVE | Pyrene | mg/kg | 0.396 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24523 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.955 | 95UCL | 8.6E+04 | 5.5E+02 | 1E-05 | 2E-09 |
| 24523 MARBELLA AVE | Toluene | µg/kg | 0.213 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24523 MARBELLA AVE | TPH as Diesel | mg/kg | 444.3 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24523 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.092 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24523 MARBELLA AVE | TPH as Motor Oil | mg/kg | 551.8 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24523 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 7935 | 95UCL | 8.3E+04 | -- | 1E-01 | -- |
| 24523 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 9200 | Max | 8.5E+04 | -- | 1E-01 | -- |
| 24523 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.102 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24523 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 10.65 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24523 NEPTUNE AVE | Benzene | µg/kg | 2505 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-02 | **1E-05** |
| 24523 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.5 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24523 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24523 NEPTUNE AVE | Cobalt | mg/kg | 10 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24523 NEPTUNE AVE | Ethylbenzene | µg/kg | 3776 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-03 | 8E-07 |
| 24523 NEPTUNE AVE | Naphthalene | mg/kg | 4.208 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24523 NEPTUNE AVE | Pyrene | mg/kg | 1.43 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24523 NEPTUNE AVE | Toluene | µg/kg | 30.33 | 95UCL | 4.8E+06 | -- | 6E-06 | -- |
| 24523 NEPTUNE AVE | TPH as Diesel | mg/kg | 7398 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24523 NEPTUNE AVE | TPH as Gasoline | mg/kg | 728.9 | 95UCL | 7.6E+02 | -- | 1E+00 | -- |
| 24523 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7242 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24523 NEPTUNE AVE | Xylenes, Total | µg/kg | 13879 | 95UCL | 5.6E+05 | -- | 3E-02 | -- |
| 24523 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 10.8 | 95UCL | 8.3E+04 | -- | 1E-04 | -- |
| 24523 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 1 | Max | 3.6E+06 | 2.8E+03 | 3E-07 | 4E-10 |
| 24523 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.81 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-04 | 1E-07 |
| 24523 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 4.28 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24523 RAVENNA AVE | Benzene | µg/kg | 0.259 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24523 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.11 | Max | 2.3E+02 | 1.3E+00 | 5E-04 | 9E-08 |
| 24523 RAVENNA AVE | Ethylbenzene | µg/kg | 462.4 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 1E-07 |
| 24523 RAVENNA AVE | Naphthalene | mg/kg | 2.071 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24523 RAVENNA AVE | Pyrene | mg/kg | 0.399 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24523 RAVENNA AVE | Toluene | µg/kg | 0.356 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24523 RAVENNA AVE | TPH as Diesel | mg/kg | 1950 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24523 RAVENNA AVE | TPH as Gasoline | mg/kg | 174.1 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24523 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2213 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24523 RAVENNA AVE | Trichloroethene | µg/kg | 0.24 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24523 RAVENNA AVE | Xylenes, Total | µg/kg | 29 | Max | 5.6E+05 | -- | 5E-05 | -- |
| 24526 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 10314 | 95UCL | 8.3E+04 | -- | 1E-01 | -- |
| 24526 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 7100 | Max | 8.5E+04 | -- | 8E-02 | -- |
| 24526 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 12.1 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-03 | 8E-07 |
| 24526 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 17.81 | 95UCL | 2.3E+02 | -- | 8E-02 | -- |
| 24526 MARBELLA AVE | Benzene | µg/kg | 6053 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-02 | **3E-05** |
| 24526 MARBELLA AVE | Bromodichloromethane | µg/kg | 5.2 | Max | 4.3E+05 | 4.9E+02 | 1E-05 | 1E-08 |
| 24526 MARBELLA AVE | Bromomethane | µg/kg | 9.2 | Max | 8.8E+03 | -- | 1E-03 | -- |
| 24526 MARBELLA AVE | Cobalt | mg/kg | 11.79 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24526 MARBELLA AVE | Ethylbenzene | µg/kg | 5526 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-03 | 1E-06 |
| 24526 MARBELLA AVE | Naphthalene | mg/kg | 8.475 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-02 | **2E-06** |
| 24526 MARBELLA AVE | Pyrene | mg/kg | 0.635 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24526 MARBELLA AVE | Toluene | µg/kg | 6.94 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24526 MARBELLA AVE | TPH as Diesel | mg/kg | 8779 | 95UCL | 1.3E+03 | -- | **7E+00** | -- |
| 24526 MARBELLA AVE | TPH as Gasoline | mg/kg | 1211 | 95UCL | 7.6E+02 | -- | **2E+00** | -- |
| 24526 MARBELLA AVE | TPH as Motor Oil | mg/kg | 8722 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24526 MARBELLA AVE | Xylenes, Total | µg/kg | 5810 | 95UCL | 5.6E+05 | -- | 1E-02 | -- |
| 24528 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 31 | Max | 8.3E+04 | -- | 4E-04 | -- |
| 24528 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 12 | Max | 8.5E+04 | -- | 1E-04 | -- |
| 24528 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.51 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 1E-07 |
| 24528 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.762 | 95UCL | 2.3E+02 | -- | 3E-03 | -- |
| 24528 NEPTUNE AVE | Benzene | µg/kg | 0.526 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 2E-09 |
| 24528 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.485 | 95UCL | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24528 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.253 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24528 NEPTUNE AVE | Ethylbenzene | µg/kg | 1300 | Max | 3.3E+06 | 4.8E+03 | 4E-04 | 3E-07 |
| 24528 NEPTUNE AVE | Naphthalene | mg/kg | 0.606 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-03 | 2E-07 |
| 24528 NEPTUNE AVE | Pyrene | mg/kg | 0.0666 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24528 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.19 | Max | 8.6E+04 | 5.5E+02 | 2E-06 | 3E-10 |
| 24528 NEPTUNE AVE | Toluene | µg/kg | 0.476 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24528 NEPTUNE AVE | TPH as Diesel | mg/kg | 979.1 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24528 NEPTUNE AVE | TPH as Gasoline | mg/kg | 179.6 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24528 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 932.8 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24528 NEPTUNE AVE | Xylenes, Total | µg/kg | 57 | Max | 5.6E+05 | -- | 1E-04 | -- |
| 24528 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0127 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 8E-10 |
| 24528 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0621 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24528 PANAMA AVE | Benzene | µg/kg | 1.209 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 6E-09 |
| 24528 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.11 | Max | 1.2E+03 | 3.5E+01 | 9E-05 | 3E-09 |
| 24528 PANAMA AVE | Ethylbenzene | µg/kg | 0.15 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24528 PANAMA AVE | Naphthalene | mg/kg | 0.0132 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 24528 PANAMA AVE | Pyrene | mg/kg | 0.583 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24528 PANAMA AVE | Toluene | µg/kg | 0.88 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24528 PANAMA AVE | TPH as Diesel | mg/kg | 341.7 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24528 PANAMA AVE | TPH as Gasoline | mg/kg | 5.681 | 95UCL | 7.6E+02 | -- | 8E-03 | -- |
| 24528 PANAMA AVE | TPH as Motor Oil | mg/kg | 1222 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24528 PANAMA AVE | Xylenes, Total | µg/kg | 0.282 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24529 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 7145 | 95UCL | 8.3E+04 | -- | 9E-02 | -- |
| 24529 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 12000 | Max | 8.5E+04 | -- | 1E-01 | -- |
| 24529 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 6.906 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 4E-07 |
| 24529 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 19.76 | 95UCL | 2.3E+02 | -- | 9E-02 | -- |
| 24529 NEPTUNE AVE | Benzene | µg/kg | 2617 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-02 | **1E-05** |
| 24529 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.28 | Max | 4.3E+05 | 4.9E+02 | 7E-07 | 6E-10 |
| 24529 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.42 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24529 NEPTUNE AVE | Ethylbenzene | µg/kg | 3766 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-03 | 8E-07 |
| 24529 NEPTUNE AVE | Naphthalene | mg/kg | 5.482 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | 1E-06 |
| 24529 NEPTUNE AVE | Pyrene | mg/kg | 5.149 | 95UCL | 1.7E+03 | -- | 3E-03 | -- |
| 24529 NEPTUNE AVE | Toluene | µg/kg | 1707 | 95UCL | 4.8E+06 | -- | 4E-04 | -- |
| 24529 NEPTUNE AVE | TPH as Diesel | mg/kg | 5268 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24529 NEPTUNE AVE | TPH as Gasoline | mg/kg | 423.4 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24529 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6535 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24529 NEPTUNE AVE | Xylenes, Total | µg/kg | 16010 | 95UCL | 5.6E+05 | -- | 3E-02 | -- |
| 24529 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.41 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24529 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0057 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 24529 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.019 | Max | 2.3E+02 | -- | 8E-05 | -- |
| 24529 PANAMA AVE | Benzene | µg/kg | 0.164 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24529 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.511 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24529 PANAMA AVE | Naphthalene | mg/kg | 0.0059 | Max | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24529 PANAMA AVE | Pyrene | mg/kg | 0.0103 | 95UCL | 1.7E+03 | -- | 6E-06 | -- |
| 24529 PANAMA AVE | Toluene | µg/kg | 1.1 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24529 PANAMA AVE | TPH as Diesel | mg/kg | 83 | Max | 1.3E+03 | -- | 6E-02 | -- |
| 24529 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0793 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24529 PANAMA AVE | TPH as Motor Oil | mg/kg | 65.47 | 95UCL | 3.3E+03 | -- | 2E-02 | -- |
| 24529 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 11 | Max | 8.3E+04 | -- | 1E-04 | -- |
| 24529 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.53 | Max | 8.5E+04 | -- | 6E-06 | -- |
| 24529 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.58 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 1E-07 |
| 24529 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.87 | 95UCL | 2.3E+02 | -- | 8E-03 | -- |
| 24529 RAVENNA AVE | Benzene | µg/kg | 0.281 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24529 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24529 RAVENNA AVE | Bromodichloromethane | µg/kg | 1.2 | Max | 4.3E+05 | 4.9E+02 | 3E-06 | 3E-09 |
| 24529 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24529 RAVENNA AVE | Ethylbenzene | µg/kg | 2 | Max | 3.3E+06 | 4.8E+03 | 6E-07 | 4E-10 |
| 24529 RAVENNA AVE | Naphthalene | mg/kg | 0.553 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-03 | 1E-07 |
| 24529 RAVENNA AVE | Pyrene | mg/kg | 0.167 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24529 RAVENNA AVE | Toluene | µg/kg | 1.6 | Max | 4.8E+06 | -- | 3E-07 | -- |
| 24529 RAVENNA AVE | TPH as Diesel | mg/kg | 1578 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24529 RAVENNA AVE | TPH as Gasoline | mg/kg | 28.76 | 95UCL | 7.6E+02 | -- | 4E-02 | -- |
| 24529 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2258 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24532 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 6410 | 95UCL | 8.3E+04 | -- | 8E-02 | -- |
| 24532 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2300 | Max | 8.5E+04 | -- | 3E-02 | -- |
| 24532 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 5.142 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24532 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 13.5 | 95UCL | 2.3E+02 | -- | 6E-02 | -- |
| 24532 MARBELLA AVE | Benzene | µg/kg | 1450 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-02 | **7E-06** |
| 24532 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.79 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 2E-08 |
| 24532 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.169 | 95UCL | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24532 MARBELLA AVE | Cobalt | mg/kg | 11.98 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24532 MARBELLA AVE | Ethylbenzene | µg/kg | 2879 | 95UCL | 3.3E+06 | 4.8E+03 | 9E-04 | 6E-07 |
| 24532 MARBELLA AVE | Naphthalene | mg/kg | 5.99 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | **2E-06** |
| 24532 MARBELLA AVE | Pyrene | mg/kg | 0.367 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24532 MARBELLA AVE | Toluene | µg/kg | 0.3 | Max | 4.8E+06 | -- | 6E-08 | -- |
| 24532 MARBELLA AVE | TPH as Diesel | mg/kg | 8905 | 95UCL | 1.3E+03 | -- | **7E+00** | -- |
| 24532 MARBELLA AVE | TPH as Gasoline | mg/kg | 488 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24532 MARBELLA AVE | TPH as Motor Oil | mg/kg | 8315 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24532 MARBELLA AVE | Xylenes, Total | µg/kg | 2057 | 95UCL | 5.6E+05 | -- | 4E-03 | -- |
| 24532 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00198 | 95UCL | 2.3E+02 | -- | 9E-06 | -- |
| 24532 NEPTUNE AVE | Benzene | µg/kg | 0.463 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24532 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 7.5 | Max | 1.2E+03 | 3.5E+01 | 6E-03 | 2E-07 |
| 24532 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24532 NEPTUNE AVE | Ethylbenzene | µg/kg | 2.2 | Max | 3.3E+06 | 4.8E+03 | 7E-07 | 5E-10 |
| 24532 NEPTUNE AVE | Naphthalene | mg/kg | 0.00141 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-06 | 4E-10 |
| 24532 NEPTUNE AVE | Pyrene | mg/kg | 0.00944 | 95UCL | 1.7E+03 | -- | 6E-06 | -- |
| 24532 NEPTUNE AVE | Toluene | µg/kg | 0.409 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24532 NEPTUNE AVE | TPH as Diesel | mg/kg | 16.83 | 95UCL | 1.3E+03 | -- | 1E-02 | -- |
| 24532 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0946 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24532 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 52.39 | 95UCL | 3.3E+03 | -- | 2E-02 | -- |
| 24532 NEPTUNE AVE | Xylenes, Total | µg/kg | 25 | Max | 5.6E+05 | -- | 5E-05 | -- |
| 24532 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.89 | Max | 8.3E+04 | -- | 1E-05 | -- |
| 24532 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.6 | Max | 8.5E+04 | -- | 2E-05 | -- |
| 24532 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.115 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 7E-09 |
| 24532 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0832 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24532 PANAMA AVE | Benzene | µg/kg | 0.176 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24532 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24532 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24532 PANAMA AVE | Ethylbenzene | µg/kg | 16 | Max | 3.3E+06 | 4.8E+03 | 5E-06 | 3E-09 |
| 24532 PANAMA AVE | Naphthalene | mg/kg | 0.0756 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-04 | 2E-08 |
| 24532 PANAMA AVE | Pyrene | mg/kg | 0.692 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24532 PANAMA AVE | TPH as Diesel | mg/kg | 813.3 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24532 PANAMA AVE | TPH as Gasoline | mg/kg | 19.44 | 95UCL | 7.6E+02 | -- | 3E-02 | -- |
| 24532 PANAMA AVE | TPH as Motor Oil | mg/kg | 1445 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24532 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.18 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24532 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 7E-11 |
| 24532 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00306 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-07 | 2E-10 |
| 24532 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00557 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24532 RAVENNA AVE | Benzene | µg/kg | 0.346 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24532 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24532 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.348 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24532 RAVENNA AVE | Ethylbenzene | µg/kg | 0.26 | Max | 3.3E+06 | 4.8E+03 | 8E-08 | 5E-11 |
| 24532 RAVENNA AVE | Naphthalene | mg/kg | 0.00419 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24532 RAVENNA AVE | Pyrene | mg/kg | 0.00727 | 95UCL | 1.7E+03 | -- | 4E-06 | -- |
| 24532 RAVENNA AVE | Toluene | µg/kg | 0.255 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24532 RAVENNA AVE | TPH as Diesel | mg/kg | 50.45 | 95UCL | 1.3E+03 | -- | 4E-02 | -- |
| 24532 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24532 RAVENNA AVE | TPH as Motor Oil | mg/kg | 181.4 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24532 RAVENNA AVE | Xylenes, Total | µg/kg | 0.24 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24533 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.77 | Max | 8.3E+04 | -- | 9E-06 | -- |
| 24533 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.115 | 95UCL | 8.5E+04 | -- | 1E-06 | -- |
| 24533 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00384 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24533 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0056 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24533 MARBELLA AVE | Benzene | µg/kg | 2.838 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-05 | 1E-08 |
| 24533 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24533 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.29 | Max | 4.3E+05 | 4.9E+02 | 7E-07 | 6E-10 |
| 24533 MARBELLA AVE | Bromomethane | µg/kg | 2.155 | 95UCL | 8.8E+03 | -- | 3E-04 | -- |
| 24533 MARBELLA AVE | Cobalt | mg/kg | 11.25 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24533 MARBELLA AVE | Ethylbenzene | µg/kg | 0.408 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24533 MARBELLA AVE | Naphthalene | mg/kg | 0.00457 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24533 MARBELLA AVE | Pyrene | mg/kg | 0.0204 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24533 MARBELLA AVE | Tetrachloroethene | µg/kg | 1.203 | 95UCL | 8.6E+04 | 5.5E+02 | 1E-05 | 2E-09 |
| 24533 MARBELLA AVE | Toluene | µg/kg | 11.13 | 95UCL | 4.8E+06 | -- | 2E-06 | -- |
| 24533 MARBELLA AVE | TPH as Diesel | mg/kg | 145.3 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24533 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.209 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24533 MARBELLA AVE | TPH as Motor Oil | mg/kg | 302.5 | 95UCL | 3.3E+03 | -- | 9E-02 | -- |
| 24533 MARBELLA AVE | Xylenes, Total | µg/kg | 7.488 | 95UCL | 5.6E+05 | -- | 1E-05 | -- |
| 24533 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.31 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24533 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00807 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24533 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0335 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24533 PANAMA AVE | Benzene | µg/kg | 0.354 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24533 PANAMA AVE | Bromomethane | µg/kg | 5 | Max | 8.8E+03 | -- | 6E-04 | -- |
| 24533 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.259 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24533 PANAMA AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24533 PANAMA AVE | Naphthalene | mg/kg | 0.00793 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24533 PANAMA AVE | Pyrene | mg/kg | 0.463 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24533 PANAMA AVE | Toluene | µg/kg | 0.21 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24533 PANAMA AVE | TPH as Diesel | mg/kg | 798.7 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24533 PANAMA AVE | TPH as Gasoline | mg/kg | 7.702 | 95UCL | 7.6E+02 | -- | 1E-02 | -- |
| 24533 PANAMA AVE | TPH as Motor Oil | mg/kg | 1388 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24533 PANAMA AVE | Xylenes, Total | µg/kg | 0.4 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24533 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.368 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24533 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0073 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24533 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00251 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 24533 RAVENNA AVE | Benzene | µg/kg | 0.21 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24533 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.26 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24533 RAVENNA AVE | Naphthalene | mg/kg | 0.0038 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24533 RAVENNA AVE | Pyrene | mg/kg | 0.00437 | 95UCL | 1.7E+03 | -- | 3E-06 | -- |
| 24533 RAVENNA AVE | Toluene | µg/kg | 0.228 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24533 RAVENNA AVE | TPH as Diesel | mg/kg | 23 | Max | 1.3E+03 | -- | 2E-02 | -- |
| 24533 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 24533 RAVENNA AVE | TPH as Motor Oil | mg/kg | 18.16 | 95UCL | 3.3E+03 | -- | 6E-03 | -- |
| 24533 RAVENNA AVE | Xylenes, Total | µg/kg | 0.27 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24602 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00865 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24602 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0233 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24602 MARBELLA AVE | Benzene | µg/kg | 0.193 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24602 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.18 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 5E-09 |
| 24602 MARBELLA AVE | Bromomethane | µg/kg | 0.94 | Max | 8.8E+03 | -- | 1E-04 | -- |
| 24602 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.8 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24602 MARBELLA AVE | Cobalt | mg/kg | 10.79 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24602 MARBELLA AVE | Naphthalene | mg/kg | 0.0373 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 9E-09 |
| 24602 MARBELLA AVE | Pyrene | mg/kg | 0.0772 | 95UCL | 1.7E+03 | -- | 5E-05 | -- |
| 24602 MARBELLA AVE | Tetrachloroethene | µg/kg | 2.6 | Max | 8.6E+04 | 5.5E+02 | 3E-05 | 5E-09 |
| 24602 MARBELLA AVE | Toluene | µg/kg | 0.291 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24602 MARBELLA AVE | TPH as Diesel | mg/kg | 148.6 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24602 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.087 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24602 MARBELLA AVE | TPH as Motor Oil | mg/kg | 352.6 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24602 MARBELLA AVE | Vanadium | mg/kg | 38.81 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24602 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00162 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-07 | 1E-10 |
| 24602 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00368 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24602 NEPTUNE AVE | Benzene | µg/kg | 0.257 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24602 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.256 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24602 NEPTUNE AVE | Naphthalene | mg/kg | 0.00246 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24602 NEPTUNE AVE | Pyrene | mg/kg | 0.0106 | 95UCL | 1.7E+03 | -- | 6E-06 | -- |
| 24602 NEPTUNE AVE | Toluene | µg/kg | 0.264 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24602 NEPTUNE AVE | TPH as Diesel | mg/kg | 120 | Max | 1.3E+03 | -- | 9E-02 | -- |
| 24602 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.119 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24602 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 500 | Max | 3.3E+03 | -- | 2E-01 | -- |
| 24602 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.35 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24602 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.373 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24602 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00715 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24602 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0594 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24602 PANAMA AVE | Benzene | µg/kg | 0.34 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24602 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24602 PANAMA AVE | Ethylbenzene | µg/kg | 0.3 | Max | 3.3E+06 | 4.8E+03 | 9E-08 | 6E-11 |
| 24602 PANAMA AVE | Naphthalene | mg/kg | 0.0134 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-05 | 3E-09 |
| 24602 PANAMA AVE | Pyrene | mg/kg | 0.249 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24602 PANAMA AVE | Toluene | µg/kg | 2.927 | 95UCL | 4.8E+06 | -- | 6E-07 | -- |
| 24602 PANAMA AVE | TPH as Diesel | mg/kg | 508.1 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24602 PANAMA AVE | TPH as Gasoline | mg/kg | 0.278 | 95UCL | 7.6E+02 | -- | 4E-04 | -- |
| 24602 PANAMA AVE | TPH as Motor Oil | mg/kg | 1311 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24602 PANAMA AVE | Xylenes, Total | µg/kg | 0.24 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24602 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.36 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24602 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0101 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24602 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0174 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24602 RAVENNA AVE | Benzene | µg/kg | 0.218 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24602 RAVENNA AVE | Bromomethane | µg/kg | 4.057 | 95UCL | 8.8E+03 | -- | 5E-04 | -- |
| 24602 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24602 RAVENNA AVE | Naphthalene | mg/kg | 0.00726 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24602 RAVENNA AVE | Pyrene | mg/kg | 0.0705 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24602 RAVENNA AVE | Toluene | µg/kg | 0.874 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24602 RAVENNA AVE | TPH as Diesel | mg/kg | 126.7 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24602 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.22 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24602 RAVENNA AVE | TPH as Motor Oil | mg/kg | 396.3 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 24603 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 6.801 | 95UCL | 8.3E+04 | -- | 8E-05 | -- |
| 24603 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 4.163 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24603 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 4.878 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24603 MARBELLA AVE | Benzene | µg/kg | 0.446 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24603 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.63 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24603 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.233 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24603 MARBELLA AVE | Cobalt | mg/kg | 12.18 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24603 MARBELLA AVE | Naphthalene | mg/kg | 1.062 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-03 | 3E-07 |
| 24603 MARBELLA AVE | Pyrene | mg/kg | 1.756 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24603 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.954 | 95UCL | 8.6E+04 | 5.5E+02 | 1E-05 | 2E-09 |
| 24603 MARBELLA AVE | Toluene | µg/kg | 0.311 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24603 MARBELLA AVE | TPH as Diesel | mg/kg | 3623 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24603 MARBELLA AVE | TPH as Gasoline | mg/kg | 17.24 | 95UCL | 7.6E+02 | -- | 2E-02 | -- |
| 24603 MARBELLA AVE | TPH as Motor Oil | mg/kg | 5693 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24603 MARBELLA AVE | Trichloroethene | µg/kg | 2.4 | Max | 5.8E+03 | 1.2E+03 | 4E-04 | 2E-09 |
| 24603 MARBELLA AVE | Vanadium | mg/kg | 42.72 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24603 NEPTUNE AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 1.2 | Max | 6.2E+05 | 4.7E+02 | 2E-06 | 3E-09 |
| 24603 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 5425 | 95UCL | 8.3E+04 | -- | 7E-02 | -- |
| 24603 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 1258 | 95UCL | 8.5E+04 | -- | 2E-02 | -- |
| 24603 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.398 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |
| 24603 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.331 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24603 NEPTUNE AVE | Benzene | µg/kg | 586 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-03 | **3E-06** |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24603 NEPTUNE AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24603 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24603 NEPTUNE AVE | Ethylbenzene | µg/kg | 8300 | Max | 3.3E+06 | 4.8E+03 | 3E-03 | **2E-06** |
| 24603 NEPTUNE AVE | Naphthalene | mg/kg | 1.97 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24603 NEPTUNE AVE | Pyrene | mg/kg | 0.102 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24603 NEPTUNE AVE | Toluene | µg/kg | 688.3 | 95UCL | 4.8E+06 | -- | 1E-04 | -- |
| 24603 NEPTUNE AVE | TPH as Diesel | mg/kg | 1747 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24603 NEPTUNE AVE | TPH as Gasoline | mg/kg | 373 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24603 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1091 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24603 NEPTUNE AVE | Xylenes, Total | µg/kg | 11896 | 95UCL | 5.6E+05 | -- | 2E-02 | -- |
| 24603 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.68 | Max | 8.3E+04 | -- | 8E-06 | -- |
| 24603 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.147 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-05 | 9E-09 |
| 24603 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.134 | 95UCL | 2.3E+02 | -- | 6E-04 | -- |
| 24603 PANAMA AVE | Benzene | µg/kg | 0.72 | Max | 6.7E+04 | 2.2E+02 | 1E-05 | 3E-09 |
| 24603 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.387 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24603 PANAMA AVE | Naphthalene | mg/kg | 0.0289 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |
| 24603 PANAMA AVE | Pyrene | mg/kg | 1.33 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24603 PANAMA AVE | Toluene | µg/kg | 0.82 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24603 PANAMA AVE | TPH as Diesel | mg/kg | 1115 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24603 PANAMA AVE | TPH as Gasoline | mg/kg | 0.68 | Max | 7.6E+02 | -- | 9E-04 | -- |
| 24603 PANAMA AVE | TPH as Motor Oil | mg/kg | 1514 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24603 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.194 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 24603 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.091 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24603 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0732 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-05 | 5E-09 |
| 24603 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.29 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24603 RAVENNA AVE | Benzene | µg/kg | 0.185 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24603 RAVENNA AVE | Bromomethane | µg/kg | 2.2 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24603 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.26 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24603 RAVENNA AVE | Ethylbenzene | µg/kg | 0.37 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 8E-11 |
| 24603 RAVENNA AVE | Methylene Chloride | µg/kg | 360 | Max | 3.6E+05 | 5.3E+03 | 1E-03 | 7E-08 |
| 24603 RAVENNA AVE | Naphthalene | mg/kg | 0.144 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 4E-08 |
| 24603 RAVENNA AVE | Pyrene | mg/kg | 0.308 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24603 RAVENNA AVE | Thallium | mg/kg | 3.107 | 95UCL | 7.8E-01 | -- | **4E+00** | -- |
| 24603 RAVENNA AVE | Toluene | µg/kg | 7.392 | 95UCL | 4.8E+06 | -- | 2E-06 | -- |
| 24603 RAVENNA AVE | TPH as Diesel | mg/kg | 1291 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24603 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.102 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24603 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3217 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24603 RAVENNA AVE | Xylenes, Total | µg/kg | 0.423 | 95UCL | 5.6E+05 | -- | 8E-07 | -- |
| 24606 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 936.3 | 95UCL | 8.3E+04 | -- | 1E-02 | -- |
| 24606 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2600 | Max | 8.5E+04 | -- | 3E-02 | -- |
| 24606 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.52 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 2E-10 |
| 24606 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 10.97 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-03 | 7E-07 |
| 24606 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 16.09 | 95UCL | 2.3E+02 | -- | 7E-02 | -- |
| 24606 MARBELLA AVE | Benzene | µg/kg | 644.1 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-02 | **3E-06** |
| 24606 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.13 | Max | 4.3E+05 | 4.9E+02 | 3E-07 | 3E-10 |
| 24606 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.8 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24606 MARBELLA AVE | Cobalt | mg/kg | 10.49 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24606 MARBELLA AVE | Ethylbenzene | µg/kg | 1243 | 95UCL | 3.3E+06 | 4.8E+03 | 4E-04 | 3E-07 |
| 24606 MARBELLA AVE | Naphthalene | mg/kg | 8.625 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-02 | **2E-06** |
| 24606 MARBELLA AVE | Pyrene | mg/kg | 1.287 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24606 MARBELLA AVE | Toluene | µg/kg | 113.4 | 95UCL | 4.8E+06 | -- | 2E-05 | -- |
| 24606 MARBELLA AVE | TPH as Diesel | mg/kg | 5777 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24606 MARBELLA AVE | TPH as Gasoline | mg/kg | 461 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24606 MARBELLA AVE | TPH as Motor Oil | mg/kg | 6149 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24606 MARBELLA AVE | Xylenes, Total | µg/kg | 1410 | 95UCL | 5.6E+05 | -- | 3E-03 | -- |
| 24607 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0058 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 24607 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00776 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 24607 MARBELLA AVE | Benzene | µg/kg | 0.381 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24607 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1 | Max | 1.2E+03 | 3.5E+01 | 8E-04 | 3E-08 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24607 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24607 MARBELLA AVE | Cobalt | mg/kg | 12.33 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24607 MARBELLA AVE | Naphthalene | mg/kg | 0.00523 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 24607 MARBELLA AVE | Pyrene | mg/kg | 0.273 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24607 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.64 | Max | 8.6E+04 | 5.5E+02 | 7E-06 | 1E-09 |
| 24607 MARBELLA AVE | Toluene | µg/kg | 0.33 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24607 MARBELLA AVE | TPH as Diesel | mg/kg | 114.7 | 95UCL | 1.3E+03 | -- | 9E-02 | -- |
| 24607 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.084 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24607 MARBELLA AVE | TPH as Motor Oil | mg/kg | 237 | 95UCL | 3.3E+03 | -- | 7E-02 | -- |
| 24607 MARBELLA AVE | Trichloroethene | µg/kg | 0.43 | Max | 5.8E+03 | 1.2E+03 | 8E-05 | 4E-10 |
| 24608 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 635.3 | 95UCL | 8.3E+04 | -- | 8E-03 | -- |
| 24608 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 310 | Max | 8.5E+04 | -- | 4E-03 | -- |
| 24608 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.591 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24608 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 0.67 | Max | 1.2E+02 | 1.6E+00 | 6E-03 | 4E-07 |
| 24608 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.055 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24608 NEPTUNE AVE | Benzene | µg/kg | 0.382 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24608 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.648 | 95UCL | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24608 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.84 | Max | 2.3E+02 | 1.3E+00 | 4E-03 | 7E-07 |
| 24608 NEPTUNE AVE | Ethylbenzene | µg/kg | 210 | Max | 3.3E+06 | 4.8E+03 | 6E-05 | 4E-08 |
| 24608 NEPTUNE AVE | Naphthalene | mg/kg | 2.513 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24608 NEPTUNE AVE | Pyrene | mg/kg | 0.0592 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24608 NEPTUNE AVE | Toluene | µg/kg | 0.381 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24608 NEPTUNE AVE | TPH as Diesel | mg/kg | 4500 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24608 NEPTUNE AVE | TPH as Gasoline | mg/kg | 228.8 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24608 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4345 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24608 NEPTUNE AVE | Xylenes, Total | µg/kg | 74.2 | 95UCL | 5.6E+05 | -- | 1E-04 | -- |
| 24608 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 33.39 | 95UCL | 8.3E+04 | -- | 4E-04 | -- |
| 24608 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 83 | Max | 8.5E+04 | -- | 1E-03 | -- |
| 24608 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.569 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 4E-08 |
| 24608 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 1.6 | Max | 1.2E+02 | 1.6E+00 | 1E-02 | 1E-06 |
| 24608 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.881 | 95UCL | 2.3E+02 | -- | 4E-03 | -- |
| 24608 PANAMA AVE | Benzene | µg/kg | 0.491 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24608 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24608 PANAMA AVE | Ethylbenzene | µg/kg | 49 | Max | 3.3E+06 | 4.8E+03 | 2E-05 | 1E-08 |
| 24608 PANAMA AVE | Naphthalene | mg/kg | 0.221 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 6E-08 |
| 24608 PANAMA AVE | Pyrene | mg/kg | 3.873 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 24608 PANAMA AVE | Thallium | mg/kg | 2.226 | 95UCL | 7.8E-01 | -- | **3E+00** | -- |
| 24608 PANAMA AVE | Toluene | µg/kg | 20.35 | 95UCL | 4.8E+06 | -- | 4E-06 | -- |
| 24608 PANAMA AVE | TPH as Diesel | mg/kg | 12723 | 95UCL | 1.3E+03 | -- | **1E+01** | -- |
| 24608 PANAMA AVE | TPH as Gasoline | mg/kg | 0.376 | 95UCL | 7.6E+02 | -- | 5E-04 | -- |
| 24608 PANAMA AVE | TPH as Motor Oil | mg/kg | 22981 | 95UCL | 3.3E+03 | -- | **7E+00** | -- |
| 24608 PANAMA AVE | Xylenes, Total | µg/kg | 87 | Max | 5.6E+05 | -- | 2E-04 | -- |
| 24608 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 968.6 | 95UCL | 8.3E+04 | -- | 1E-02 | -- |
| 24608 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 224.9 | 95UCL | 8.5E+04 | -- | 3E-03 | -- |
| 24608 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 6.08 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 4E-07 |
| 24608 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 9.501 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24608 RAVENNA AVE | Benzene | µg/kg | 47.57 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-04 | 2E-07 |
| 24608 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 24608 RAVENNA AVE | Bromomethane | µg/kg | 2.7 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24608 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24608 RAVENNA AVE | Ethylbenzene | µg/kg | 182.9 | 95UCL | 3.3E+06 | 4.8E+03 | 6E-05 | 4E-08 |
| 24608 RAVENNA AVE | Methylene Chloride | µg/kg | 2.9 | Max | 3.6E+05 | 5.3E+03 | 8E-06 | 6E-10 |
| 24608 RAVENNA AVE | Naphthalene | mg/kg | 2.668 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 7E-07 |
| 24608 RAVENNA AVE | Pyrene | mg/kg | 1.357 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24608 RAVENNA AVE | Toluene | µg/kg | 8.225 | 95UCL | 4.8E+06 | -- | 2E-06 | -- |
| 24608 RAVENNA AVE | TPH as Diesel | mg/kg | 3278 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24608 RAVENNA AVE | TPH as Gasoline | mg/kg | 185.7 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24608 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3464 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24608 RAVENNA AVE | Xylenes, Total | µg/kg | 434.4 | 95UCL | 5.6E+05 | -- | 8E-04 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24609 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 4928 | 95UCL | 8.3E+04 | -- | 6E-02 | -- |
| 24609 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 2525 | 95UCL | 8.5E+04 | -- | 3E-02 | -- |
| 24609 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 8.463 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 5E-07 |
| 24609 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 20.7 | 95UCL | 2.3E+02 | -- | 9E-02 | -- |
| 24609 NEPTUNE AVE | Benzene | µg/kg | 1100 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-02 | **5E-06** |
| 24609 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 3.5 | Max | 1.2E+03 | 3.5E+01 | 3E-03 | 1E-07 |
| 24609 NEPTUNE AVE | Bromomethane | µg/kg | 2.7 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24609 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24609 NEPTUNE AVE | Ethylbenzene | µg/kg | 2304 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-04 | 5E-07 |
| 24609 NEPTUNE AVE | Naphthalene | mg/kg | 7.915 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-02 | **2E-06** |
| 24609 NEPTUNE AVE | Pyrene | mg/kg | 1.734 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24609 NEPTUNE AVE | Toluene | µg/kg | 894.6 | 95UCL | 4.8E+06 | -- | 2E-04 | -- |
| 24609 NEPTUNE AVE | TPH as Diesel | mg/kg | 9174 | 95UCL | 1.3E+03 | -- | **7E+00** | -- |
| 24609 NEPTUNE AVE | TPH as Gasoline | mg/kg | 871.5 | 95UCL | 7.6E+02 | -- | 1E+00 | -- |
| 24609 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 8676 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24609 NEPTUNE AVE | Xylenes, Total | µg/kg | 8656 | 95UCL | 5.6E+05 | -- | 2E-02 | -- |
| 24609 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2.579 | 95UCL | 8.3E+04 | -- | 3E-05 | -- |
| 24609 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.197 | 95UCL | 8.5E+04 | -- | 2E-06 | -- |
| 24609 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.452 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 24609 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.518 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24609 PANAMA AVE | Benzene | µg/kg | 0.502 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-06 | 2E-09 |
| 24609 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24609 PANAMA AVE | Ethylbenzene | µg/kg | 19.66 | 95UCL | 3.3E+06 | 4.8E+03 | 6E-06 | 4E-09 |
| 24609 PANAMA AVE | Naphthalene | mg/kg | 0.158 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 4E-08 |
| 24609 PANAMA AVE | Pyrene | mg/kg | 1.771 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24609 PANAMA AVE | Toluene | µg/kg | 0.343 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24609 PANAMA AVE | TPH as Diesel | mg/kg | 2167 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24609 PANAMA AVE | TPH as Gasoline | mg/kg | 58.52 | 95UCL | 7.6E+02 | -- | 8E-02 | -- |
| 24609 PANAMA AVE | TPH as Motor Oil | mg/kg | 3447 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24609 PANAMA AVE | Xylenes, Total | µg/kg | 0.93 | 95UCL | 5.6E+05 | -- | 2E-06 | -- |
| 24609 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.53 | Max | 8.3E+04 | -- | 6E-06 | -- |
| 24609 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.084 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24609 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00261 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-07 | 2E-10 |
| 24609 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00549 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24609 RAVENNA AVE | Benzene | µg/kg | 0.236 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24609 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24609 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24609 RAVENNA AVE | Naphthalene | mg/kg | 0.00231 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 24609 RAVENNA AVE | Pyrene | mg/kg | 0.0178 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |
| 24609 RAVENNA AVE | Toluene | µg/kg | 0.279 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24609 RAVENNA AVE | TPH as Diesel | mg/kg | 800 | Max | 1.3E+03 | -- | 6E-01 | -- |
| 24609 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0712 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 24609 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2000 | Max | 3.3E+03 | -- | 6E-01 | -- |
| 24609 RAVENNA AVE | Xylenes, Total | µg/kg | 0.432 | 95UCL | 5.6E+05 | -- | 8E-07 | -- |
| 24612 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.36 | Max | 6.2E+05 | 4.7E+02 | 6E-07 | 8E-10 |
| 24612 MARBELLA AVE | 1,2,3-Trichloropropane | µg/kg | 0.48 | Max | 2.4E+03 | 2.1E+01 | 2E-04 | 2E-08 |
| 24612 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2612 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24612 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 270.4 | 95UCL | 8.5E+04 | -- | 3E-03 | -- |
| 24612 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 9.417 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 6E-07 |
| 24612 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 13.67 | 95UCL | 2.3E+02 | -- | 6E-02 | -- |
| 24612 MARBELLA AVE | Benzene | µg/kg | 854.5 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-02 | **4E-06** |
| 24612 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.616 | 95UCL | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24612 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24612 MARBELLA AVE | Cobalt | mg/kg | 11.33 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24612 MARBELLA AVE | Ethylbenzene | µg/kg | 1038 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-04 | 2E-07 |
| 24612 MARBELLA AVE | Naphthalene | mg/kg | 4.943 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24612 MARBELLA AVE | Pyrene | mg/kg | 2.2 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24612 MARBELLA AVE | Toluene | µg/kg | 6.714 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24612 MARBELLA AVE | TPH as Diesel | mg/kg | 7180 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24612 MARBELLA AVE | TPH as Gasoline | mg/kg | 278.2 | 95UCL | 7.6E+02 | -- | 4E-01 | -- |
| 24612 MARBELLA AVE | TPH as Motor Oil | mg/kg | 7069 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24612 MARBELLA AVE | Xylenes, Total | µg/kg | 1041 | 95UCL | 5.6E+05 | -- | 2E-03 | -- |
| 24612 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 598.8 | 95UCL | 8.3E+04 | -- | 7E-03 | -- |
| 24612 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 870 | Max | 8.5E+04 | -- | 1E-02 | -- |
| 24612 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 6.429 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 4E-07 |
| 24612 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 13.41 | 95UCL | 2.3E+02 | -- | 6E-02 | -- |
| 24612 NEPTUNE AVE | Benzene | µg/kg | 336.4 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-03 | **2E-06** |
| 24612 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 0.22 | 95UCL | -- | 1.6E+00 | -- | 1E-07 |
| 24612 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.111 | 95UCL | -- | 1.6E-01 | -- | 7E-07 |
| 24612 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.039 | 95UCL | -- | 1.6E+00 | -- | 3E-08 |
| 24612 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.0131 | 95UCL | -- | 1.6E+00 | -- | 8E-09 |
| 24612 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.23 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24612 NEPTUNE AVE | Chrysene | mg/kg | 0.597 | 95UCL | -- | 1.6E+01 | -- | 4E-08 |
| 24612 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.004 | Max | -- | 1.1E-01 | -- | 4E-08 |
| 24612 NEPTUNE AVE | Ethylbenzene | µg/kg | 1312 | 95UCL | 3.3E+06 | 4.8E+03 | 4E-04 | 3E-07 |
| 24612 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0064 | 95UCL | -- | 1.6E+00 | -- | 4E-09 |
| 24612 NEPTUNE AVE | Naphthalene | mg/kg | 6.314 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | **2E-06** |
| 24612 NEPTUNE AVE | Pyrene | mg/kg | 1.556 | 95UCL | 1.7E+03 | -- | 9E-04 | -- |
| 24612 NEPTUNE AVE | Toluene | µg/kg | 0.24 | Max | 4.8E+06 | -- | 5E-08 | -- |
| 24612 NEPTUNE AVE | TPH as Diesel | mg/kg | 5691 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24612 NEPTUNE AVE | TPH as Gasoline | mg/kg | 413.3 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24612 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6411 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24612 NEPTUNE AVE | Xylenes, Total | µg/kg | 337 | 95UCL | 5.6E+05 | -- | 6E-04 | -- |
| 24612 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 190 | Max | 8.3E+04 | -- | 2E-03 | -- |
| 24612 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 71 | Max | 8.5E+04 | -- | 8E-04 | -- |
| 24612 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 4.254 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24612 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 5.874 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24612 PANAMA AVE | Benzene | µg/kg | 5.848 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-05 | 3E-08 |
| 24612 PANAMA AVE | Ethylbenzene | µg/kg | 350.9 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 7E-08 |
| 24612 PANAMA AVE | Naphthalene | mg/kg | 1.729 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 4E-07 |
| 24612 PANAMA AVE | Pyrene | mg/kg | 2.254 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24612 PANAMA AVE | Toluene | µg/kg | 0.56 | Max | 4.8E+06 | -- | 1E-07 | -- |
| 24612 PANAMA AVE | TPH as Diesel | mg/kg | 1015 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24612 PANAMA AVE | TPH as Gasoline | mg/kg | 136 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24612 PANAMA AVE | TPH as Motor Oil | mg/kg | 1473 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24612 PANAMA AVE | Xylenes, Total | µg/kg | 130 | Max | 5.6E+05 | -- | 2E-04 | -- |
| 24612 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 61.98 | 95UCL | 8.3E+04 | -- | 8E-04 | -- |
| 24612 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 13.59 | 95UCL | 8.5E+04 | -- | 2E-04 | -- |
| 24612 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.13 | Max | 3.6E+06 | 2.8E+03 | 4E-08 | 5E-11 |
| 24612 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.544 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 4E-08 |
| 24612 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.1 | 95UCL | 2.3E+02 | -- | 5E-03 | -- |
| 24612 RAVENNA AVE | Benzene | µg/kg | 2.622 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-05 | 1E-08 |
| 24612 RAVENNA AVE | Bromomethane | µg/kg | 2 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24612 RAVENNA AVE | Ethylbenzene | µg/kg | 23.98 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-06 | 5E-09 |
| 24612 RAVENNA AVE | Methylene Chloride | µg/kg | 6.2 | Max | 3.6E+05 | 5.3E+03 | 2E-05 | 1E-09 |
| 24612 RAVENNA AVE | Naphthalene | mg/kg | 0.178 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 5E-08 |
| 24612 RAVENNA AVE | Pyrene | mg/kg | 0.499 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24612 RAVENNA AVE | Toluene | µg/kg | 0.407 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24612 RAVENNA AVE | TPH as Diesel | mg/kg | 2961 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24612 RAVENNA AVE | TPH as Gasoline | mg/kg | 18.09 | 95UCL | 7.6E+02 | -- | 2E-02 | -- |
| 24612 RAVENNA AVE | TPH as Motor Oil | mg/kg | 8114 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24612 RAVENNA AVE | Xylenes, Total | µg/kg | 14.6 | 95UCL | 5.6E+05 | -- | 3E-05 | -- |
| 24613 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2.1 | Max | 8.3E+04 | -- | 3E-05 | -- |
| 24613 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.51 | Max | 8.5E+04 | -- | 6E-06 | -- |
| 24613 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.009 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24613 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00221 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 24613 MARBELLA AVE | Benzene | µg/kg | 1.065 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 5E-09 |
| 24613 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.48 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |

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**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24613 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24613 MARBELLA AVE | Cobalt | mg/kg | 13.42 | 95UCL | 2.3E+01 | 3.1E+04 | 6E-01 | 4E-10 |
| 24613 MARBELLA AVE | Ethylbenzene | µg/kg | 0.99 | Max | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24613 MARBELLA AVE | Naphthalene | mg/kg | 0.00135 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-06 | 3E-10 |
| 24613 MARBELLA AVE | Pyrene | mg/kg | 0.0512 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24613 MARBELLA AVE | Toluene | µg/kg | 0.667 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24613 MARBELLA AVE | TPH as Diesel | mg/kg | 34.56 | 95UCL | 1.3E+03 | -- | 3E-02 | -- |
| 24613 MARBELLA AVE | TPH as Gasoline | mg/kg | 2.039 | 95UCL | 7.6E+02 | -- | 3E-03 | -- |
| 24613 MARBELLA AVE | TPH as Motor Oil | mg/kg | 93.56 | 95UCL | 3.3E+03 | -- | 3E-02 | -- |
| 24613 MARBELLA AVE | Vanadium | mg/kg | 44.1 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24613 MARBELLA AVE | Xylenes, Total | µg/kg | 6.3 | Max | 5.6E+05 | -- | 1E-05 | -- |
| 24613 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 621.8 | 95UCL | 8.3E+04 | -- | 8E-03 | -- |
| 24613 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 67.31 | 95UCL | 8.5E+04 | -- | 8E-04 | -- |
| 24613 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 6.319 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 4E-07 |
| 24613 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 11.72 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24613 NEPTUNE AVE | Benzene | µg/kg | 238.8 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-03 | 1E-06 |
| 24613 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.75 | Max | 1.2E+03 | 3.5E+01 | 6E-04 | 2E-08 |
| 24613 NEPTUNE AVE | Bromomethane | µg/kg | 320 | Max | 8.8E+03 | -- | 4E-02 | -- |
| 24613 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24613 NEPTUNE AVE | Ethylbenzene | µg/kg | 905 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-04 | 2E-07 |
| 24613 NEPTUNE AVE | Naphthalene | mg/kg | 4.581 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24613 NEPTUNE AVE | Pyrene | mg/kg | 1.671 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24613 NEPTUNE AVE | Toluene | µg/kg | 0.52 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24613 NEPTUNE AVE | TPH as Diesel | mg/kg | 5112 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24613 NEPTUNE AVE | TPH as Gasoline | mg/kg | 416.6 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24613 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5049 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24613 NEPTUNE AVE | Xylenes, Total | µg/kg | 112.8 | 95UCL | 5.6E+05 | -- | 2E-04 | -- |
| 24613 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 231.4 | 95UCL | 8.3E+04 | -- | 3E-03 | -- |
| 24613 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 39.86 | 95UCL | 8.5E+04 | -- | 5E-04 | -- |
| 24613 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24613 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.19 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 8E-08 |
| 24613 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.995 | 95UCL | 2.3E+02 | -- | 9E-03 | -- |
| 24613 PANAMA AVE | Benzene | µg/kg | 6.115 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-05 | 3E-08 |
| 24613 PANAMA AVE | Bromomethane | µg/kg | 3.1 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24613 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24613 PANAMA AVE | Ethylbenzene | µg/kg | 154 | 95UCL | 3.3E+06 | 4.8E+03 | 5E-05 | 3E-08 |
| 24613 PANAMA AVE | Naphthalene | mg/kg | 0.207 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 5E-08 |
| 24613 PANAMA AVE | Pyrene | mg/kg | 10.44 | 95UCL | 1.7E+03 | -- | 6E-03 | -- |
| 24613 PANAMA AVE | Toluene | µg/kg | 15.32 | 95UCL | 4.8E+06 | -- | 3E-06 | -- |
| 24613 PANAMA AVE | TPH as Diesel | mg/kg | 7254 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24613 PANAMA AVE | TPH as Gasoline | mg/kg | 34.75 | 95UCL | 7.6E+02 | -- | 5E-02 | -- |
| 24613 PANAMA AVE | TPH as Motor Oil | mg/kg | 12997 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 24613 PANAMA AVE | Trichloroethene | µg/kg | 0.15 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 1E-10 |
| 24613 PANAMA AVE | Vinyl Chloride | µg/kg | 0.23 | Max | 7.4E+04 | 3.2E+01 | 3E-06 | 7E-09 |
| 24613 PANAMA AVE | Xylenes, Total | µg/kg | 200.1 | 95UCL | 5.6E+05 | -- | 4E-04 | -- |
| 24613 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4702 | 95UCL | 8.3E+04 | -- | 6E-02 | -- |
| 24613 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 930.4 | 95UCL | 8.5E+04 | -- | 1E-02 | -- |
| 24613 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.851 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24613 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 5.174 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24613 RAVENNA AVE | Benzene | µg/kg | 0.268 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24613 RAVENNA AVE | Bromomethane | µg/kg | 1.5 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24613 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.16 | 95UCL | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24613 RAVENNA AVE | Ethylbenzene | µg/kg | 1800 | Max | 3.3E+06 | 4.8E+03 | 6E-04 | 4E-07 |
| 24613 RAVENNA AVE | Naphthalene | mg/kg | 4.756 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24613 RAVENNA AVE | Pyrene | mg/kg | 0.311 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24613 RAVENNA AVE | Toluene | µg/kg | 0.355 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24613 RAVENNA AVE | TPH as Diesel | mg/kg | 1756 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24613 RAVENNA AVE | TPH as Gasoline | mg/kg | 325.7 | 95UCL | 7.6E+02 | -- | 4E-01 | -- |
| 24613 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1794 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24613 RAVENNA AVE | Xylenes, Total | µg/kg | 2208 | 95UCL | 5.6E+05 | -- | 4E-03 | -- |
| 24616 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4509 | 95UCL | 8.3E+04 | -- | 6E-02 | -- |
| 24616 MARBELLA AVE | 1,2-Dichloropropane | µg/kg | 0.31 | Max | 1.5E+04 | 8.3E+02 | 2E-05 | 4E-10 |
| 24616 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 654.8 | 95UCL | 8.5E+04 | -- | 8E-03 | -- |
| 24616 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.186 | 95UCL | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24616 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 23.66 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-03 | **2E-06** |
| 24616 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 30.86 | 95UCL | 2.3E+02 | -- | 1E-01 | -- |
| 24616 MARBELLA AVE | Benzene | µg/kg | 354.2 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-03 | **2E-06** |
| 24616 MARBELLA AVE | Benzo (a) Anthracene | mg/kg | 1.137 | 95UCL | -- | 1.6E+00 | -- | 7E-07 |
| 24616 MARBELLA AVE | Benzo (a) Pyrene | mg/kg | 0.631 | 95UCL | -- | 1.6E-01 | -- | **4E-06** |
| 24616 MARBELLA AVE | Benzo (b) Fluoranthene | mg/kg | 0.092 | 95UCL | -- | 1.6E+00 | -- | 6E-08 |
| 24616 MARBELLA AVE | Benzo (k) Fluoranthene | mg/kg | 0.0242 | 95UCL | -- | 1.6E+00 | -- | 2E-08 |
| 24616 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24616 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.88 | Max | 2.3E+02 | 1.3E+00 | 4E-03 | 7E-07 |
| 24616 MARBELLA AVE | Chrysene | mg/kg | 2.297 | 95UCL | -- | 1.6E+01 | -- | 2E-07 |
| 24616 MARBELLA AVE | Cobalt | mg/kg | 9.404 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24616 MARBELLA AVE | Dibenz (a,h) Anthracene | mg/kg | 0.0127 | 95UCL | -- | 1.1E-01 | -- | 1E-07 |
| 24616 MARBELLA AVE | Ethylbenzene | µg/kg | 753.1 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 2E-07 |
| 24616 MARBELLA AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.025 | 95UCL | -- | 1.6E+00 | -- | 2E-08 |
| 24616 MARBELLA AVE | Naphthalene | mg/kg | 9.498 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-02 | **2E-06** |
| 24616 MARBELLA AVE | Pyrene | mg/kg | 5.572 | 95UCL | 1.7E+03 | -- | 3E-03 | -- |
| 24616 MARBELLA AVE | Toluene | µg/kg | 80.13 | 95UCL | 4.8E+06 | -- | 2E-05 | -- |
| 24616 MARBELLA AVE | TPH as Diesel | mg/kg | 11069 | 95UCL | 1.3E+03 | -- | **9E+00** | -- |
| 24616 MARBELLA AVE | TPH as Gasoline | mg/kg | 484.5 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24616 MARBELLA AVE | TPH as Motor Oil | mg/kg | 11142 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24616 MARBELLA AVE | Trichloroethene | µg/kg | 29 | Max | 5.8E+03 | 1.2E+03 | 5E-03 | 2E-08 |
| 24616 MARBELLA AVE | Vinyl Chloride | µg/kg | 49 | Max | 7.4E+04 | 3.2E+01 | 7E-04 | **2E-06** |
| 24616 MARBELLA AVE | Xylenes, Total | µg/kg | 3088 | 95UCL | 5.6E+05 | -- | 6E-03 | -- |
| 24617 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0017 | Max | 4.0E+03 | 1.6E+01 | 4E-07 | 1E-10 |
| 24617 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0035 | Max | 2.3E+02 | -- | 2E-05 | -- |
| 24617 MARBELLA AVE | Benzene | µg/kg | 0.333 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24617 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24617 MARBELLA AVE | Cobalt | mg/kg | 13.97 | 95UCL | 2.3E+01 | 3.1E+04 | 6E-01 | 5E-10 |
| 24617 MARBELLA AVE | Naphthalene | mg/kg | 0.0015 | Max | 1.5E+02 | 4.0E+00 | 1E-05 | 4E-10 |
| 24617 MARBELLA AVE | Pyrene | mg/kg | 0.00424 | 95UCL | 1.7E+03 | -- | 3E-06 | -- |
| 24617 MARBELLA AVE | Thallium | mg/kg | 0.642 | 95UCL | 7.8E-01 | -- | 8E-01 | -- |
| 24617 MARBELLA AVE | Toluene | µg/kg | 0.385 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24617 MARBELLA AVE | TPH as Diesel | mg/kg | 26.35 | 95UCL | 1.3E+03 | -- | 2E-02 | -- |
| 24617 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.051 | Max | 7.6E+02 | -- | 7E-05 | -- |
| 24617 MARBELLA AVE | TPH as Motor Oil | mg/kg | 67.61 | 95UCL | 3.3E+03 | -- | 2E-02 | -- |
| 24617 MARBELLA AVE | Vanadium | mg/kg | 49.59 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24617 MARBELLA AVE | Xylenes, Total | µg/kg | 0.77 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24618 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 15.05 | 95UCL | 8.3E+04 | -- | 2E-04 | -- |
| 24618 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 4.6 | Max | 8.5E+04 | -- | 5E-05 | -- |
| 24618 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 6.869 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 4E-07 |
| 24618 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 8.998 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24618 NEPTUNE AVE | Benzene | µg/kg | 13.23 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-04 | 6E-08 |
| 24618 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24618 NEPTUNE AVE | Bromomethane | µg/kg | 1.9 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24618 NEPTUNE AVE | Ethylbenzene | µg/kg | 41.32 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-05 | 9E-09 |
| 24618 NEPTUNE AVE | Naphthalene | mg/kg | 2.401 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24618 NEPTUNE AVE | Pyrene | mg/kg | 1.057 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24618 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.2 | Max | 8.6E+04 | 5.5E+02 | 2E-06 | 4E-10 |
| 24618 NEPTUNE AVE | Toluene | µg/kg | 0.48 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24618 NEPTUNE AVE | TPH as Diesel | mg/kg | 3637 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24618 NEPTUNE AVE | TPH as Gasoline | mg/kg | 22.11 | 95UCL | 7.6E+02 | -- | 3E-02 | -- |
| 24618 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3586 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24618 NEPTUNE AVE | Xylenes, Total | µg/kg | 8.644 | 95UCL | 5.6E+05 | -- | 2E-05 | -- |
| 24618 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 161.1 | 95UCL | 8.3E+04 | -- | 2E-03 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24618 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 68 | Max | 8.5E+04 | -- | 8E-04 | -- |
| 24618 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.191 | 95UCL | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 24618 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.102 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 7E-08 |
| 24618 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 2.763 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 24618 PANAMA AVE | Benzene | µg/kg | 0.414 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24618 PANAMA AVE | Bromomethane | µg/kg | 1.8 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24618 PANAMA AVE | Ethylbenzene | µg/kg | 99 | Max | 3.3E+06 | 4.8E+03 | 3E-05 | 2E-08 |
| 24618 PANAMA AVE | Naphthalene | mg/kg | 0.611 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-03 | 2E-07 |
| 24618 PANAMA AVE | Pyrene | mg/kg | 1.692 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24618 PANAMA AVE | Toluene | µg/kg | 0.757 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24618 PANAMA AVE | TPH as Diesel | mg/kg | 2520 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24618 PANAMA AVE | TPH as Gasoline | mg/kg | 48.42 | 95UCL | 7.6E+02 | -- | 6E-02 | -- |
| 24618 PANAMA AVE | TPH as Motor Oil | mg/kg | 4007 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24618 PANAMA AVE | Trichloroethene | µg/kg | 0.42 | Max | 5.8E+03 | 1.2E+03 | 7E-05 | 4E-10 |
| 24618 PANAMA AVE | Xylenes, Total | µg/kg | 31.77 | 95UCL | 5.6E+05 | -- | 6E-05 | -- |
| 24618 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 290 | Max | 8.3E+04 | -- | 4E-03 | -- |
| 24618 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 84 | Max | 8.5E+04 | -- | 1E-03 | -- |
| 24618 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.22 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 1E-07 |
| 24618 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.809 | 95UCL | 2.3E+02 | -- | 8E-03 | -- |
| 24618 RAVENNA AVE | Benzene | µg/kg | 0.268 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24618 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24618 RAVENNA AVE | Naphthalene | mg/kg | 0.399 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-03 | 1E-07 |
| 24618 RAVENNA AVE | Pyrene | mg/kg | 0.385 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24618 RAVENNA AVE | Toluene | µg/kg | 0.351 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24618 RAVENNA AVE | TPH as Diesel | mg/kg | 960 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24618 RAVENNA AVE | TPH as Gasoline | mg/kg | 15.25 | 95UCL | 7.6E+02 | -- | 2E-02 | -- |
| 24618 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1418 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24618 RAVENNA AVE | Xylenes, Total | µg/kg | 18 | Max | 5.6E+05 | -- | 3E-05 | -- |
| 24619 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 541.5 | 95UCL | 8.3E+04 | -- | 7E-03 | -- |
| 24619 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 26.92 | 95UCL | 8.5E+04 | -- | 3E-04 | -- |
| 24619 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.14 | Max | 3.6E+06 | 2.8E+03 | 4E-08 | 5E-11 |
| 24619 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.115 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-04 | 1E-07 |
| 24619 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.788 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24619 NEPTUNE AVE | Benzene | µg/kg | 66.06 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-03 | 3E-07 |
| 24619 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.869 | 95UCL | 1.2E+03 | 3.5E+01 | 7E-04 | 3E-08 |
| 24619 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.8 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24619 NEPTUNE AVE | Ethylbenzene | µg/kg | 463.5 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 1E-07 |
| 24619 NEPTUNE AVE | Naphthalene | mg/kg | 2.348 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24619 NEPTUNE AVE | Pyrene | mg/kg | 0.711 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24619 NEPTUNE AVE | Toluene | µg/kg | 12.54 | 95UCL | 4.8E+06 | -- | 3E-06 | -- |
| 24619 NEPTUNE AVE | TPH as Diesel | mg/kg | 4372 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24619 NEPTUNE AVE | TPH as Gasoline | mg/kg | 186.5 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24619 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3954 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24619 NEPTUNE AVE | Xylenes, Total | µg/kg | 168 | 95UCL | 5.6E+05 | -- | 3E-04 | -- |
| 24619 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 991 | 95UCL | 8.3E+04 | -- | 1E-02 | -- |
| 24619 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 174.1 | 95UCL | 8.5E+04 | -- | 2E-03 | -- |
| 24619 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 3.65 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-04 | 2E-07 |
| 24619 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 5.477 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24619 PANAMA AVE | Benzene | µg/kg | 74.71 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-03 | 3E-07 |
| 24619 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.65 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24619 PANAMA AVE | Ethylbenzene | µg/kg | 234.7 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-05 | 5E-08 |
| 24619 PANAMA AVE | Naphthalene | mg/kg | 2.311 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24619 PANAMA AVE | Pyrene | mg/kg | 1.046 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24619 PANAMA AVE | Toluene | µg/kg | 0.242 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24619 PANAMA AVE | TPH as Diesel | mg/kg | 2494 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24619 PANAMA AVE | TPH as Gasoline | mg/kg | 149.9 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24619 PANAMA AVE | TPH as Motor Oil | mg/kg | 2864 | 95UCL | 3.3E+03 | -- | 9E-01 | -- |
| 24619 PANAMA AVE | Xylenes, Total | µg/kg | 288.8 | 95UCL | 5.6E+05 | -- | 5E-04 | -- |
| 24619 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.304 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24619 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.24 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24619 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00607 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 24619 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0254 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24619 RAVENNA AVE | Benzene | µg/kg | 0.35 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24619 RAVENNA AVE | Bromomethane | µg/kg | 1.7 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24619 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24619 RAVENNA AVE | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24619 RAVENNA AVE | Naphthalene | mg/kg | 0.0177 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24619 RAVENNA AVE | Pyrene | mg/kg | 0.126 | 95UCL | 1.7E+03 | -- | 7E-05 | -- |
| 24619 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.97 | Max | 8.6E+04 | 5.5E+02 | 1E-05 | 2E-09 |
| 24619 RAVENNA AVE | Toluene | µg/kg | 0.431 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24619 RAVENNA AVE | TPH as Diesel | mg/kg | 132.1 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24619 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.32 | 95UCL | 7.6E+02 | -- | 4E-04 | -- |
| 24619 RAVENNA AVE | TPH as Motor Oil | mg/kg | 246.1 | 95UCL | 3.3E+03 | -- | 8E-02 | -- |
| 24619 RAVENNA AVE | Xylenes, Total | µg/kg | 0.799 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24622 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3293 | 95UCL | 8.3E+04 | -- | 4E-02 | -- |
| 24622 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 371.2 | 95UCL | 8.5E+04 | -- | 4E-03 | -- |
| 24622 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.46 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 2E-10 |
| 24622 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 18.82 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-03 | 1E-06 |
| 24622 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 46.38 | 95UCL | 2.3E+02 | -- | 2E-01 | -- |
| 24622 MARBELLA AVE | Benzene | µg/kg | 246 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-03 | 1E-06 |
| 24622 MARBELLA AVE | Benzo (a) Anthracene | mg/kg | 1.798 | 95UCL | -- | 1.6E+00 | -- | 1E-06 |
| 24622 MARBELLA AVE | Benzo (a) Pyrene | mg/kg | 0.907 | 95UCL | -- | 1.6E-01 | -- | **6E-06** |
| 24622 MARBELLA AVE | Benzo (b) Fluoranthene | mg/kg | 0.269 | 95UCL | -- | 1.6E+00 | -- | 2E-07 |
| 24622 MARBELLA AVE | Benzo (k) Fluoranthene | mg/kg | 0.0183 | 95UCL | -- | 1.6E+00 | -- | 1E-08 |
| 24622 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.4 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24622 MARBELLA AVE | Bromomethane | µg/kg | 1.8 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24622 MARBELLA AVE | Chrysene | mg/kg | 2.799 | 95UCL | -- | 1.6E+01 | -- | 2E-07 |
| 24622 MARBELLA AVE | Cobalt | mg/kg | 10.37 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24622 MARBELLA AVE | Dibenz (a,h) Anthracene | mg/kg | 0.072 | Max | -- | 1.1E-01 | -- | 7E-07 |
| 24622 MARBELLA AVE | Ethylbenzene | µg/kg | 403.1 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 8E-08 |
| 24622 MARBELLA AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0125 | 95UCL | -- | 1.6E+00 | -- | 8E-09 |
| 24622 MARBELLA AVE | Naphthalene | mg/kg | 8.427 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-02 | **2E-06** |
| 24622 MARBELLA AVE | Pyrene | mg/kg | 6.695 | 95UCL | 1.7E+03 | -- | 4E-03 | -- |
| 24622 MARBELLA AVE | Toluene | µg/kg | 26.95 | 95UCL | 4.8E+06 | -- | 6E-06 | -- |
| 24622 MARBELLA AVE | TPH as Diesel | mg/kg | 7884 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24622 MARBELLA AVE | TPH as Gasoline | mg/kg | 342.5 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24622 MARBELLA AVE | TPH as Motor Oil | mg/kg | 8313 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24622 MARBELLA AVE | Vanadium | mg/kg | 36.86 | 95UCL | 3.9E+02 | -- | 9E-02 | -- |
| 24622 MARBELLA AVE | Xylenes, Total | µg/kg | 1049 | 95UCL | 5.6E+05 | -- | 2E-03 | -- |
| 24622 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 11.86 | 95UCL | 8.3E+04 | -- | 1E-04 | -- |
| 24622 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.28 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24622 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.381 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24622 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 6.901 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24622 NEPTUNE AVE | Benzene | µg/kg | 0.376 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24622 NEPTUNE AVE | Bromomethane | µg/kg | 4.8 | Max | 8.8E+03 | -- | 6E-04 | -- |
| 24622 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24622 NEPTUNE AVE | Ethylbenzene | µg/kg | 82 | Max | 3.3E+06 | 4.8E+03 | 3E-05 | 2E-08 |
| 24622 NEPTUNE AVE | Naphthalene | mg/kg | 2.224 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24622 NEPTUNE AVE | Pyrene | mg/kg | 1.251 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24622 NEPTUNE AVE | Toluene | µg/kg | 0.19 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24622 NEPTUNE AVE | TPH as Diesel | mg/kg | 3485 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24622 NEPTUNE AVE | TPH as Gasoline | mg/kg | 19.51 | 95UCL | 7.6E+02 | -- | 3E-02 | -- |
| 24622 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4435 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24622 NEPTUNE AVE | Vinyl Chloride | µg/kg | 0.19 | Max | 7.4E+04 | 3.2E+01 | 3E-06 | 6E-09 |
| 24622 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.42 | 95UCL | 5.6E+05 | -- | 8E-07 | -- |
| 24623 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 11000 | Max | 8.3E+04 | -- | 1E-01 | -- |
| 24623 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 280 | Max | 8.5E+04 | -- | 3E-03 | -- |
| 24623 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 5.021 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24623 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 8.304 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24623 MARBELLA AVE | Benzene | µg/kg | 20.65 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-04 | 9E-08 |
| 24623 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.35 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24623 MARBELLA AVE | Cobalt | mg/kg | 12.63 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24623 MARBELLA AVE | Ethylbenzene | µg/kg | 4200 | Max | 3.3E+06 | 4.8E+03 | 1E-03 | 9E-07 |
| 24623 MARBELLA AVE | Naphthalene | mg/kg | 3.394 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 9E-07 |
| 24623 MARBELLA AVE | Pyrene | mg/kg | 0.0544 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24623 MARBELLA AVE | Toluene | µg/kg | 0.34 | Max | 4.8E+06 | -- | 7E-08 | -- |
| 24623 MARBELLA AVE | TPH as Diesel | mg/kg | 3952 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24623 MARBELLA AVE | TPH as Gasoline | mg/kg | 2200 | Max | 7.6E+02 | -- | **3E+00** | -- |
| 24623 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3764 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24623 MARBELLA AVE | Vanadium | mg/kg | 44.75 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24623 MARBELLA AVE | Xylenes, Total | µg/kg | 1200 | Max | 5.6E+05 | -- | 2E-03 | -- |
| 24623 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 341.5 | 95UCL | 8.3E+04 | -- | 4E-03 | -- |
| 24623 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 310 | Max | 8.5E+04 | -- | 4E-03 | -- |
| 24623 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.16 | Max | 3.6E+06 | 2.8E+03 | 4E-08 | 6E-11 |
| 24623 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.615 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24623 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 6.772 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24623 NEPTUNE AVE | Benzene | µg/kg | 11.73 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-04 | 5E-08 |
| 24623 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 0.161 | 95UCL | -- | 1.6E+00 | -- | 1E-07 |
| 24623 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.0579 | 95UCL | -- | 1.6E-01 | -- | 4E-07 |
| 24623 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.0287 | 95UCL | -- | 1.6E+00 | -- | 2E-08 |
| 24623 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.059 | Max | -- | 1.6E+00 | -- | 4E-08 |
| 24623 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.36 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24623 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.21 | Max | 4.3E+05 | 4.9E+02 | 5E-07 | 4E-10 |
| 24623 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.68 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24623 NEPTUNE AVE | Chrysene | mg/kg | 0.268 | 95UCL | -- | 1.6E+01 | -- | 2E-08 |
| 24623 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.0166 | 95UCL | -- | 1.1E-01 | -- | 2E-07 |
| 24623 NEPTUNE AVE | Ethylbenzene | µg/kg | 302.6 | 95UCL | 3.3E+06 | 4.8E+03 | 9E-05 | 6E-08 |
| 24623 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.019 | 95UCL | -- | 1.6E+00 | -- | 1E-08 |
| 24623 NEPTUNE AVE | Naphthalene | mg/kg | 2.245 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24623 NEPTUNE AVE | Pyrene | mg/kg | 0.22 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24623 NEPTUNE AVE | Toluene | µg/kg | 0.537 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24623 NEPTUNE AVE | TPH as Diesel | mg/kg | 3145 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24623 NEPTUNE AVE | TPH as Gasoline | mg/kg | 142.6 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24623 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3715 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24623 NEPTUNE AVE | Trichloroethene | µg/kg | 23 | Max | 5.8E+03 | 1.2E+03 | 4E-03 | 2E-08 |
| 24623 NEPTUNE AVE | Xylenes, Total | µg/kg | 160 | Max | 5.6E+05 | -- | 3E-04 | -- |
| 24627 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1955 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 24627 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 3700 | Max | 8.5E+04 | -- | 4E-02 | -- |
| 24627 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 12.14 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-03 | 8E-07 |
| 24627 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 19.2 | 95UCL | 2.3E+02 | -- | 8E-02 | -- |
| 24627 MARBELLA AVE | Benzene | µg/kg | 3.462 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-05 | 2E-08 |
| 24627 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24627 MARBELLA AVE | Cobalt | mg/kg | 12.69 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24627 MARBELLA AVE | Ethylbenzene | µg/kg | 247.7 | 95UCL | 3.3E+06 | 4.8E+03 | 8E-05 | 5E-08 |
| 24627 MARBELLA AVE | Naphthalene | mg/kg | 6.933 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-02 | **2E-06** |
| 24627 MARBELLA AVE | Pyrene | mg/kg | 0.806 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24627 MARBELLA AVE | Toluene | µg/kg | 16.45 | 95UCL | 4.8E+06 | -- | 3E-06 | -- |
| 24627 MARBELLA AVE | TPH as Diesel | mg/kg | 6094 | 95UCL | 1.3E+03 | -- | **5E+00** | -- |
| 24627 MARBELLA AVE | TPH as Gasoline | mg/kg | 285.8 | 95UCL | 7.6E+02 | -- | 4E-01 | -- |
| 24627 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4023 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24627 MARBELLA AVE | Trichloroethene | µg/kg | 20 | Max | 5.8E+03 | 1.2E+03 | 4E-03 | 2E-08 |
| 24627 MARBELLA AVE | Vanadium | mg/kg | 42.74 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 24627 MARBELLA AVE | Xylenes, Total | µg/kg | 845.4 | 95UCL | 5.6E+05 | -- | 2E-03 | -- |
| 24628 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1080 | 95UCL | 8.3E+04 | -- | 1E-02 | -- |
| 24628 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2700 | Max | 8.5E+04 | -- | 3E-02 | -- |
| 24628 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 5.611 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 4E-07 |
| 24628 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 7.617 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24628 MARBELLA AVE | Benzene | µg/kg | 364.3 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-03 | **2E-06** |
| 24628 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.45 | Max | 4.3E+05 | 4.9E+02 | 1E-06 | 9E-10 |
| 24628 MARBELLA AVE | Bromomethane | µg/kg | 119.7 | 95UCL | 8.8E+03 | -- | 1E-02 | -- |
| 24628 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 1.5 | Max | 2.3E+02 | 1.3E+00 | 6E-03 | 1E-06 |
| 24628 MARBELLA AVE | Cobalt | mg/kg | 10.16 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24628 MARBELLA AVE | Ethylbenzene | µg/kg | 7500 | Max | 3.3E+06 | 4.8E+03 | 2E-03 | **2E-06** |
| 24628 MARBELLA AVE | Methylene Chloride | µg/kg | 2100 | Max | 3.6E+05 | 5.3E+03 | 6E-03 | 4E-07 |
| 24628 MARBELLA AVE | Naphthalene | mg/kg | 2.9 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 7E-07 |
| 24628 MARBELLA AVE | Pyrene | mg/kg | 0.783 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24628 MARBELLA AVE | Toluene | µg/kg | 6.385 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24628 MARBELLA AVE | TPH as Diesel | mg/kg | 4636 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24628 MARBELLA AVE | TPH as Gasoline | mg/kg | 201.3 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24628 MARBELLA AVE | TPH as Motor Oil | mg/kg | 8519 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24628 MARBELLA AVE | Vanadium | mg/kg | 35.66 | 95UCL | 3.9E+02 | -- | 9E-02 | -- |
| 24628 MARBELLA AVE | Xylenes, Total | µg/kg | 3700 | Max | 5.6E+05 | -- | 7E-03 | -- |
| 24628 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.36 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24628 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0653 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-05 | 4E-09 |
| 24628 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.135 | 95UCL | 2.3E+02 | -- | 6E-04 | -- |
| 24628 NEPTUNE AVE | Benzene | µg/kg | 0.181 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24628 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24628 NEPTUNE AVE | Naphthalene | mg/kg | 0.0441 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24628 NEPTUNE AVE | Pyrene | mg/kg | 0.0729 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 24628 NEPTUNE AVE | Toluene | µg/kg | 0.228 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24628 NEPTUNE AVE | TPH as Diesel | mg/kg | 205.8 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24628 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.097 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24628 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 591.6 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24628 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.19 | Max | 5.6E+05 | -- | 3E-07 | -- |
| 24629 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 720.8 | 95UCL | 8.3E+04 | -- | 9E-03 | -- |
| 24629 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 175.9 | 95UCL | 8.5E+04 | -- | 2E-03 | -- |
| 24629 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 3.831 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24629 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 8.839 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24629 NEPTUNE AVE | Benzene | µg/kg | 65.7 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-03 | 3E-07 |
| 24629 NEPTUNE AVE | Bromomethane | µg/kg | 3.7 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24629 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24629 NEPTUNE AVE | Ethylbenzene | µg/kg | 443.9 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 9E-08 |
| 24629 NEPTUNE AVE | Naphthalene | mg/kg | 3.408 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 9E-07 |
| 24629 NEPTUNE AVE | Pyrene | mg/kg | 0.331 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24629 NEPTUNE AVE | Toluene | µg/kg | 5.013 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24629 NEPTUNE AVE | TPH as Diesel | mg/kg | 5163 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24629 NEPTUNE AVE | TPH as Gasoline | mg/kg | 241.4 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24629 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4877 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24629 NEPTUNE AVE | Trichloroethene | µg/kg | 0.15 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 1E-10 |
| 24629 NEPTUNE AVE | Xylenes, Total | µg/kg | 328 | 95UCL | 5.6E+05 | -- | 6E-04 | -- |
| 24632 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.18 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24632 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.767 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24632 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 6.031 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24632 NEPTUNE AVE | Benzene | µg/kg | 1.2 | Max | 6.7E+04 | 2.2E+02 | 2E-05 | 6E-09 |
| 24632 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.1 | Max | 2.3E+02 | 1.3E+00 | 4E-04 | 8E-08 |
| 24632 NEPTUNE AVE | Ethylbenzene | µg/kg | 87 | Max | 3.3E+06 | 4.8E+03 | 3E-05 | 2E-08 |
| 24632 NEPTUNE AVE | Naphthalene | mg/kg | 0.785 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-03 | 2E-07 |
| 24632 NEPTUNE AVE | Pyrene | mg/kg | 1.008 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24632 NEPTUNE AVE | Toluene | µg/kg | 0.57 | Max | 4.8E+06 | -- | 1E-07 | -- |
| 24632 NEPTUNE AVE | TPH as Diesel | mg/kg | 2417 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24632 NEPTUNE AVE | TPH as Gasoline | mg/kg | 22.87 | 95UCL | 7.6E+02 | -- | 3E-02 | -- |
| 24632 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2407 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24632 NEPTUNE AVE | Xylenes, Total | µg/kg | 46 | Max | 5.6E+05 | -- | 8E-05 | -- |
| 24633 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.017 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24633 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0442 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24633 MARBELLA AVE | Benzene | µg/kg | 0.391 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24633 MARBELLA AVE | Cobalt | mg/kg | 12.47 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24633 MARBELLA AVE | Naphthalene | mg/kg | 0.282 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 7E-08 |
| 24633 MARBELLA AVE | Pyrene | mg/kg | 1.061 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24633 MARBELLA AVE | Toluene | µg/kg | 0.8 | Max | 4.8E+06 | -- | 2E-07 | -- |
| 24633 MARBELLA AVE | TPH as Diesel | mg/kg | 2403 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24633 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0709 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 24633 MARBELLA AVE | TPH as Motor Oil | mg/kg | 8836 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24633 MARBELLA AVE | Xylenes, Total | µg/kg | 0.29 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24700 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 47.18 | 95UCL | 8.3E+04 | -- | 6E-04 | -- |
| 24700 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2.497 | 95UCL | 8.5E+04 | -- | 3E-05 | -- |
| 24700 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 1.079 | 95UCL | 3.6E+06 | 2.8E+03 | 3E-07 | 4E-10 |
| 24700 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2.859 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24700 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 5.952 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24700 MARBELLA AVE | Benzene | µg/kg | 0.286 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24700 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24700 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24700 MARBELLA AVE | Cobalt | mg/kg | 9.32 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24700 MARBELLA AVE | Ethylbenzene | µg/kg | 376.8 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 8E-08 |
| 24700 MARBELLA AVE | Naphthalene | mg/kg | 2.904 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 7E-07 |
| 24700 MARBELLA AVE | Pyrene | mg/kg | 1.259 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24700 MARBELLA AVE | Toluene | µg/kg | 0.277 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24700 MARBELLA AVE | TPH as Diesel | mg/kg | 4911 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24700 MARBELLA AVE | TPH as Gasoline | mg/kg | 299 | 95UCL | 7.6E+02 | -- | 4E-01 | -- |
| 24700 MARBELLA AVE | TPH as Motor Oil | mg/kg | 5546 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24700 MARBELLA AVE | Xylenes, Total | µg/kg | 97.18 | 95UCL | 5.6E+05 | -- | 2E-04 | -- |
| 24700 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 45.1 | 95UCL | 8.3E+04 | -- | 6E-04 | -- |
| 24700 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 53 | Max | 8.5E+04 | -- | 6E-04 | -- |
| 24700 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.1 | Max | 4.0E+03 | 1.6E+01 | 3E-04 | 7E-08 |
| 24700 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.119 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 24700 RAVENNA AVE | Benzene | µg/kg | 0.32 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24700 RAVENNA AVE | Bromomethane | µg/kg | 2 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24700 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.287 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24700 RAVENNA AVE | Ethylbenzene | µg/kg | 23.93 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-06 | 5E-09 |
| 24700 RAVENNA AVE | Naphthalene | mg/kg | 0.0547 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-04 | 1E-08 |
| 24700 RAVENNA AVE | Pyrene | mg/kg | 0.0996 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24700 RAVENNA AVE | Toluene | µg/kg | 0.285 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24700 RAVENNA AVE | TPH as Diesel | mg/kg | 567.8 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24700 RAVENNA AVE | TPH as Gasoline | mg/kg | 45.8 | 95UCL | 7.6E+02 | -- | 6E-02 | -- |
| 24700 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1854 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24700 RAVENNA AVE | Xylenes, Total | µg/kg | 0.418 | 95UCL | 5.6E+05 | -- | 8E-07 | -- |
| 24702 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1449 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 24702 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 22 | Max | 8.5E+04 | -- | 3E-04 | -- |
| 24702 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.24 | Max | 3.6E+06 | 2.8E+03 | 7E-08 | 9E-11 |
| 24702 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.61 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24702 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 3.697 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24702 NEPTUNE AVE | Benzene | µg/kg | 2.615 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-05 | 1E-08 |
| 24702 NEPTUNE AVE | Ethylbenzene | µg/kg | 37.08 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-05 | 8E-09 |
| 24702 NEPTUNE AVE | Naphthalene | mg/kg | 1.604 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 4E-07 |
| 24702 NEPTUNE AVE | Pyrene | mg/kg | 1.49 | 95UCL | 1.7E+03 | -- | 9E-04 | -- |
| 24702 NEPTUNE AVE | Toluene | µg/kg | 2.43 | 95UCL | 4.8E+06 | -- | 5E-07 | -- |
| 24702 NEPTUNE AVE | TPH as Diesel | mg/kg | 3333 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24702 NEPTUNE AVE | TPH as Gasoline | mg/kg | 131.1 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24702 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5365 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24702 NEPTUNE AVE | Trichloroethene | µg/kg | 0.41 | Max | 5.8E+03 | 1.2E+03 | 7E-05 | 3E-10 |
| 24702 NEPTUNE AVE | Xylenes, Total | µg/kg | 13.09 | 95UCL | 5.6E+05 | -- | 2E-05 | -- |
| 24702 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 7362 | 95UCL | 8.3E+04 | -- | 9E-02 | -- |
| 24702 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 362.7 | 95UCL | 8.5E+04 | -- | 4E-03 | -- |
| 24702 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.23 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 8E-11 |
| 24702 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 5.251 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24702 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 7.45 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24702 PANAMA AVE | Benzene | µg/kg | 759.4 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-02 | **4E-06** |
| 24702 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.3 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24702 PANAMA AVE | Bromomethane | µg/kg | 3 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24702 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24702 PANAMA AVE | Ethylbenzene | µg/kg | 1088 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-04 | 2E-07 |
| 24702 PANAMA AVE | Naphthalene | mg/kg | 2.874 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 7E-07 |
| 24702 PANAMA AVE | Pyrene | mg/kg | 3.121 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 24702 PANAMA AVE | Toluene | µg/kg | 27.94 | 95UCL | 4.8E+06 | -- | 6E-06 | -- |
| 24702 PANAMA AVE | TPH as Diesel | mg/kg | 1975 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24702 PANAMA AVE | TPH as Gasoline | mg/kg | 640 | 95UCL | 7.6E+02 | -- | 8E-01 | -- |
| 24702 PANAMA AVE | TPH as Motor Oil | mg/kg | 2633 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24702 PANAMA AVE | Xylenes, Total | µg/kg | 2742 | 95UCL | 5.6E+05 | -- | 5E-03 | -- |
| 24703 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.133 | 95UCL | 6.2E+05 | 4.7E+02 | 2E-07 | 3E-10 |
| 24703 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.8 | Max | 8.3E+04 | -- | 2E-05 | -- |
| 24703 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.37 | Max | 8.5E+04 | -- | 4E-06 | -- |
| 24703 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0817 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-05 | 5E-09 |
| 24703 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0648 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24703 MARBELLA AVE | Benzene | µg/kg | 0.205 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24703 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 5.4 | Max | 1.2E+03 | 3.5E+01 | 4E-03 | 2E-07 |
| 24703 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.17 | Max | 4.3E+05 | 4.9E+02 | 4E-07 | 4E-10 |
| 24703 MARBELLA AVE | Cobalt | mg/kg | 11.25 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 24703 MARBELLA AVE | Ethylbenzene | µg/kg | 0.3 | Max | 3.3E+06 | 4.8E+03 | 9E-08 | 6E-11 |
| 24703 MARBELLA AVE | Naphthalene | mg/kg | 0.0306 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24703 MARBELLA AVE | Pyrene | mg/kg | 1.037 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24703 MARBELLA AVE | Toluene | µg/kg | 0.22 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24703 MARBELLA AVE | TPH as Diesel | mg/kg | 1050 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24703 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.066 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 24703 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2102 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24703 MARBELLA AVE | Trichloroethene | µg/kg | 0.33 | Max | 5.8E+03 | 1.2E+03 | 6E-05 | 3E-10 |
| 24703 MARBELLA AVE | Xylenes, Total | µg/kg | 1.7 | Max | 5.6E+05 | -- | 3E-06 | -- |
| 24703 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 27.14 | 95UCL | 8.3E+04 | -- | 3E-04 | -- |
| 24703 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.718 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 1E-07 |
| 24703 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 0.061 | Max | 1.2E+02 | 1.6E+00 | 5E-04 | 4E-08 |
| 24703 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.197 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24703 NEPTUNE AVE | Benzene | µg/kg | 0.241 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24703 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.25 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24703 NEPTUNE AVE | Ethylbenzene | µg/kg | 158.6 | 95UCL | 3.3E+06 | 4.8E+03 | 5E-05 | 3E-08 |
| 24703 NEPTUNE AVE | Naphthalene | mg/kg | 1.866 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24703 NEPTUNE AVE | Pyrene | mg/kg | 0.262 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24703 NEPTUNE AVE | Toluene | µg/kg | 0.269 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24703 NEPTUNE AVE | TPH as Diesel | mg/kg | 3529 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24703 NEPTUNE AVE | TPH as Gasoline | mg/kg | 173.3 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24703 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5796 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24703 NEPTUNE AVE | Xylenes, Total | µg/kg | 2.873 | 95UCL | 5.6E+05 | -- | 5E-06 | -- |
| 24703 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 130 | Max | 8.3E+04 | -- | 2E-03 | -- |
| 24703 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.79 | Max | 8.5E+04 | -- | 9E-06 | -- |
| 24703 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.719 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 5E-08 |
| 24703 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.915 | 95UCL | 2.3E+02 | -- | 4E-03 | -- |
| 24703 PANAMA AVE | Benzene | µg/kg | 0.397 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24703 PANAMA AVE | Cadmium | mg/kg | 0.435 | Max | 7.0E+01 | 6.7E+04 | 6E-03 | 7E-12 |
| 24703 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24703 PANAMA AVE | Cobalt | mg/kg | 7.24 | 95UCL | 2.3E+01 | 3.1E+04 | 3E-01 | 2E-10 |
| 24703 PANAMA AVE | Copper | mg/kg | 11.96 | 95UCL | 3.1E+03 | -- | 4E-03 | -- |
| 24703 PANAMA AVE | Ethylbenzene | µg/kg | 71.68 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-05 | 2E-08 |
| 24703 PANAMA AVE | Lead | mg/kg | 15.85 | 95UCL | 8.0E+01 | -- | 2E-01 | -- |
| 24703 PANAMA AVE | Naphthalene | mg/kg | 0.342 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 9E-08 |
| 24703 PANAMA AVE | Pyrene | mg/kg | 0.372 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24703 PANAMA AVE | TPH as Diesel | mg/kg | 824.7 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |

**Table E-2**
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**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24703 PANAMA AVE | TPH as Gasoline | mg/kg | 62.97 | 95UCL | 7.6E+02 | -- | 8E-02 | -- |
| 24703 PANAMA AVE | TPH as Motor Oil | mg/kg | 1574 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24703 PANAMA AVE | Vanadium | mg/kg | 27.67 | 95UCL | 3.9E+02 | -- | 7E-02 | -- |
| 24703 PANAMA AVE | Xylenes, Total | µg/kg | 0.77 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24703 PANAMA AVE | Zinc | mg/kg | 55.82 | 95UCL | 2.3E+04 | -- | 2E-03 | -- |
| 24703 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 892.2 | 95UCL | 8.3E+04 | -- | 1E-02 | -- |
| 24703 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1200 | Max | 8.5E+04 | -- | 1E-02 | -- |
| 24703 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 5.515 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 4E-07 |
| 24703 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 8.868 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24703 RAVENNA AVE | Benzene | µg/kg | 112.1 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-03 | 5E-07 |
| 24703 RAVENNA AVE | Bromomethane | µg/kg | 2.5 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24703 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24703 RAVENNA AVE | Ethylbenzene | µg/kg | 309 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 7E-08 |
| 24703 RAVENNA AVE | Naphthalene | mg/kg | 3.599 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 9E-07 |
| 24703 RAVENNA AVE | Pyrene | mg/kg | 0.819 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24703 RAVENNA AVE | Toluene | µg/kg | 17.1 | 95UCL | 4.8E+06 | -- | 4E-06 | -- |
| 24703 RAVENNA AVE | TPH as Diesel | mg/kg | 2488 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24703 RAVENNA AVE | TPH as Gasoline | mg/kg | 114.4 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24703 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2346 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24703 RAVENNA AVE | Xylenes, Total | µg/kg | 331.2 | 95UCL | 5.6E+05 | -- | 6E-04 | -- |
| 24706 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 118.5 | 95UCL | 8.3E+04 | -- | 1E-03 | -- |
| 24706 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 34.07 | 95UCL | 8.5E+04 | -- | 4E-04 | -- |
| 24706 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 16 | Max | 3.6E+06 | 2.8E+03 | 4E-06 | 6E-09 |
| 24706 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 9.151 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 6E-07 |
| 24706 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 13.9 | 95UCL | 2.3E+02 | -- | 6E-02 | -- |
| 24706 MARBELLA AVE | Benzene | µg/kg | 11.84 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-04 | 5E-08 |
| 24706 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.89 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 3E-08 |
| 24706 MARBELLA AVE | Cobalt | mg/kg | 9.704 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24706 MARBELLA AVE | Ethylbenzene | µg/kg | 590.3 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24706 MARBELLA AVE | Naphthalene | mg/kg | 4.964 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24706 MARBELLA AVE | Pyrene | mg/kg | 1.638 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24706 MARBELLA AVE | Toluene | µg/kg | 3.877 | 95UCL | 4.8E+06 | -- | 8E-07 | -- |
| 24706 MARBELLA AVE | TPH as Diesel | mg/kg | 4299 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24706 MARBELLA AVE | TPH as Gasoline | mg/kg | 223.5 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24706 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4028 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24706 MARBELLA AVE | Xylenes, Total | µg/kg | 38.75 | 95UCL | 5.6E+05 | -- | 7E-05 | -- |
| 24706 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.324 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24706 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 9.9 | Max | 8.5E+04 | -- | 1E-04 | -- |
| 24706 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0198 | 95UCL | 2.3E+02 | -- | 9E-05 | -- |
| 24706 RAVENNA AVE | Benzene | µg/kg | 0.342 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 24706 RAVENNA AVE | Bromomethane | µg/kg | 2 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24706 RAVENNA AVE | Ethylbenzene | µg/kg | 0.16 | 95UCL | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24706 RAVENNA AVE | Naphthalene | mg/kg | 0.00724 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-05 | 2E-09 |
| 24706 RAVENNA AVE | Pyrene | mg/kg | 1.111 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24706 RAVENNA AVE | Toluene | µg/kg | 0.223 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24706 RAVENNA AVE | TPH as Diesel | mg/kg | 1091 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 24706 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.116 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24706 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2298 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24706 RAVENNA AVE | Xylenes, Total | µg/kg | 3.404 | 95UCL | 5.6E+05 | -- | 6E-06 | -- |
| 24707 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.347 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 24707 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.116 | 95UCL | 8.5E+04 | -- | 1E-06 | -- |
| 24707 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.25 | Max | 4.0E+03 | 1.6E+01 | 6E-05 | 2E-08 |
| 24707 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0101 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24707 MARBELLA AVE | Benzene | µg/kg | 0.199 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24707 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.3 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24707 MARBELLA AVE | Cobalt | mg/kg | 9.777 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24707 MARBELLA AVE | Ethylbenzene | µg/kg | 2.316 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-07 | 5E-10 |
| 24707 MARBELLA AVE | Naphthalene | mg/kg | 0.00501 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24707 MARBELLA AVE | Pyrene | mg/kg | 0.166 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24707 MARBELLA AVE | Toluene | µg/kg | 0.457 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24707 MARBELLA AVE | TPH as Diesel | mg/kg | 219.7 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24707 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.19 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24707 MARBELLA AVE | TPH as Motor Oil | mg/kg | 501.5 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24707 MARBELLA AVE | Xylenes, Total | µg/kg | 3.609 | 95UCL | 5.6E+05 | -- | 7E-06 | -- |
| 24708 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 15.24 | 95UCL | 8.3E+04 | -- | 2E-04 | -- |
| 24708 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24708 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.57 | Max | 3.6E+06 | 2.8E+03 | 2E-07 | 2E-10 |
| 24708 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0627 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-05 | 4E-09 |
| 24708 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.149 | 95UCL | 2.3E+02 | -- | 7E-04 | -- |
| 24708 PANAMA AVE | Benzene | µg/kg | 0.318 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24708 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24708 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.498 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24708 PANAMA AVE | Ethylbenzene | µg/kg | 4.387 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-06 | 9E-10 |
| 24708 PANAMA AVE | Naphthalene | mg/kg | 0.0707 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-04 | 2E-08 |
| 24708 PANAMA AVE | Pyrene | mg/kg | 0.668 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24708 PANAMA AVE | Toluene | µg/kg | 0.355 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24708 PANAMA AVE | TPH as Diesel | mg/kg | 1199 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24708 PANAMA AVE | TPH as Gasoline | mg/kg | 0.334 | 95UCL | 7.6E+02 | -- | 4E-04 | -- |
| 24708 PANAMA AVE | TPH as Motor Oil | mg/kg | 2456 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24708 PANAMA AVE | Trichloroethene | µg/kg | 0.18 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 2E-10 |
| 24708 PANAMA AVE | Xylenes, Total | µg/kg | 7.806 | 95UCL | 5.6E+05 | -- | 1E-05 | -- |
| 24709 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1251 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 24709 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 130 | Max | 8.5E+04 | -- | 2E-03 | -- |
| 24709 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.679 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 1E-07 |
| 24709 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 3.72 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24709 NEPTUNE AVE | Benzene | µg/kg | 89.33 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-03 | 4E-07 |
| 24709 NEPTUNE AVE | Ethylbenzene | µg/kg | 335.6 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 7E-08 |
| 24709 NEPTUNE AVE | Naphthalene | mg/kg | 0.887 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-03 | 2E-07 |
| 24709 NEPTUNE AVE | Pyrene | mg/kg | 0.334 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24709 NEPTUNE AVE | Toluene | µg/kg | 1.828 | 95UCL | 4.8E+06 | -- | 4E-07 | -- |
| 24709 NEPTUNE AVE | TPH as Diesel | mg/kg | 2429 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24709 NEPTUNE AVE | TPH as Gasoline | mg/kg | 185.6 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24709 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3006 | 95UCL | 3.3E+03 | -- | 9E-01 | -- |
| 24709 NEPTUNE AVE | Xylenes, Total | µg/kg | 112.6 | 95UCL | 5.6E+05 | -- | 2E-04 | -- |
| 24709 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3568 | 95UCL | 8.3E+04 | -- | 4E-02 | -- |
| 24709 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1000 | Max | 8.5E+04 | -- | 1E-02 | -- |
| 24709 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.196 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 8E-08 |
| 24709 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.646 | 95UCL | 2.3E+02 | -- | 7E-03 | -- |
| 24709 PANAMA AVE | Benzene | µg/kg | 151.4 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-03 | 7E-07 |
| 24709 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.198 | 95UCL | 2.3E+02 | 1.3E+00 | 8E-04 | 2E-07 |
| 24709 PANAMA AVE | Ethylbenzene | µg/kg | 540.5 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24709 PANAMA AVE | Methylene Chloride | µg/kg | 35 | Max | 3.6E+05 | 5.3E+03 | 1E-04 | 7E-09 |
| 24709 PANAMA AVE | Naphthalene | mg/kg | 1.396 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-03 | 4E-07 |
| 24709 PANAMA AVE | Pyrene | mg/kg | 1.363 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24709 PANAMA AVE | Toluene | µg/kg | 0.227 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24709 PANAMA AVE | TPH as Diesel | mg/kg | 1508 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24709 PANAMA AVE | TPH as Gasoline | mg/kg | 208 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24709 PANAMA AVE | TPH as Motor Oil | mg/kg | 2792 | 95UCL | 3.3E+03 | -- | 9E-01 | -- |
| 24709 PANAMA AVE | Xylenes, Total | µg/kg | 1238 | 95UCL | 5.6E+05 | -- | 2E-03 | -- |
| 24709 RAVENNA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 330 | Max | 6.2E+05 | 4.7E+02 | 5E-04 | 7E-07 |
| 24709 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2562 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24709 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 4700 | Max | 8.5E+04 | -- | 6E-02 | -- |
| 24709 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.902 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24709 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 7.004 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 24709 RAVENNA AVE | Benzene | µg/kg | 37.57 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-04 | 2E-07 |
| 24709 RAVENNA AVE | Bromomethane | µg/kg | 350 | Max | 8.8E+03 | -- | 4E-02 | -- |
| 24709 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24709 RAVENNA AVE | Ethylbenzene | µg/kg | 2026 | 95UCL | 3.3E+06 | 4.8E+03 | 6E-04 | 4E-07 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24709 RAVENNA AVE | Naphthalene | mg/kg | 2.552 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24709 RAVENNA AVE | Pyrene | mg/kg | 0.505 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24709 RAVENNA AVE | Toluene | µg/kg | 0.256 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24709 RAVENNA AVE | TPH as Diesel | mg/kg | 2606 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24709 RAVENNA AVE | TPH as Gasoline | mg/kg | 339 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24709 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2504 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24709 RAVENNA AVE | Xylenes, Total | µg/kg | 1396 | 95UCL | 5.6E+05 | -- | 3E-03 | -- |
| 24710 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2287 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24710 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 291.9 | 95UCL | 8.5E+04 | -- | 3E-03 | -- |
| 24710 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 69 | Max | 3.6E+06 | 2.8E+03 | 2E-05 | 3E-08 |
| 24710 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 11.82 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-03 | 8E-07 |
| 24710 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 29.99 | 95UCL | 2.3E+02 | -- | 1E-01 | -- |
| 24710 MARBELLA AVE | Benzene | µg/kg | 439.9 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-03 | **2E-06** |
| 24710 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 1.2E+03 | 3.5E+01 | 9E-04 | 3E-08 |
| 24710 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.21 | Max | 4.3E+05 | 4.9E+02 | 5E-07 | 4E-10 |
| 24710 MARBELLA AVE | Cobalt | mg/kg | 10.32 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24710 MARBELLA AVE | Ethylbenzene | µg/kg | 716.6 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 2E-07 |
| 24710 MARBELLA AVE | Naphthalene | mg/kg | 5.353 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | 1E-06 |
| 24710 MARBELLA AVE | Pyrene | mg/kg | 2.361 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24710 MARBELLA AVE | Toluene | µg/kg | 0.431 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24710 MARBELLA AVE | TPH as Diesel | mg/kg | 6562 | 95UCL | 1.3E+03 | -- | **5E+00** | -- |
| 24710 MARBELLA AVE | TPH as Gasoline | mg/kg | 209.6 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24710 MARBELLA AVE | TPH as Motor Oil | mg/kg | 6323 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24710 MARBELLA AVE | Xylenes, Total | µg/kg | 3005 | 95UCL | 5.6E+05 | -- | 5E-03 | -- |
| 24712 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 300 | Max | 8.3E+04 | -- | 4E-03 | -- |
| 24712 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 76 | Max | 8.5E+04 | -- | 9E-04 | -- |
| 24712 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.486 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |
| 24712 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 2.945 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 24712 NEPTUNE AVE | Benzene | µg/kg | 0.22 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24712 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.565 | 95UCL | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24712 NEPTUNE AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24712 NEPTUNE AVE | Ethylbenzene | µg/kg | 81.32 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-05 | 2E-08 |
| 24712 NEPTUNE AVE | Naphthalene | mg/kg | 0.867 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-03 | 2E-07 |
| 24712 NEPTUNE AVE | Pyrene | mg/kg | 0.551 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24712 NEPTUNE AVE | TPH as Diesel | mg/kg | 2099 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24712 NEPTUNE AVE | TPH as Gasoline | mg/kg | 142.7 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24712 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1741 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24712 NEPTUNE AVE | Xylenes, Total | µg/kg | 34 | Max | 5.6E+05 | -- | 6E-05 | -- |
| 24712 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 11.62 | 95UCL | 8.3E+04 | -- | 1E-04 | -- |
| 24712 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 3.857 | 95UCL | 8.5E+04 | -- | 5E-05 | -- |
| 24712 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.664 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 4E-08 |
| 24712 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.279 | 95UCL | 2.3E+02 | -- | 6E-03 | -- |
| 24712 PANAMA AVE | Benzene | µg/kg | 0.182 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24712 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24712 PANAMA AVE | Ethylbenzene | µg/kg | 57 | Max | 3.3E+06 | 4.8E+03 | 2E-05 | 1E-08 |
| 24712 PANAMA AVE | Naphthalene | mg/kg | 1.327 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-03 | 3E-07 |
| 24712 PANAMA AVE | Pyrene | mg/kg | 1.191 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24712 PANAMA AVE | Toluene | µg/kg | 0.144 | 95UCL | 4.8E+06 | -- | 3E-08 | -- |
| 24712 PANAMA AVE | TPH as Diesel | mg/kg | 5422 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24712 PANAMA AVE | TPH as Gasoline | mg/kg | 163.4 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24712 PANAMA AVE | TPH as Motor Oil | mg/kg | 7395 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24712 PANAMA AVE | Xylenes, Total | µg/kg | 2.4 | Max | 5.6E+05 | -- | 4E-06 | -- |
| 24712 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 207.4 | 95UCL | 8.3E+04 | -- | 3E-03 | -- |
| 24712 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 980 | Max | 8.5E+04 | -- | 1E-02 | -- |
| 24712 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.682 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 1E-07 |
| 24712 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 2.162 | 95UCL | 2.3E+02 | -- | 9E-03 | -- |
| 24712 RAVENNA AVE | Benzene | µg/kg | 6.59 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-04 | 3E-08 |
| 24712 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 6.3 | Max | 1.2E+03 | 3.5E+01 | 5E-03 | 2E-07 |
| 24712 RAVENNA AVE | Bromomethane | µg/kg | 800 | Max | 8.8E+03 | -- | 9E-02 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24712 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.2 | 95UCL | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24712 RAVENNA AVE | Ethylbenzene | µg/kg | 170 | Max | 3.3E+06 | 4.8E+03 | 5E-05 | 4E-08 |
| 24712 RAVENNA AVE | Naphthalene | mg/kg | 0.728 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-03 | 2E-07 |
| 24712 RAVENNA AVE | Pyrene | mg/kg | 0.57 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24712 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.17 | Max | 8.6E+04 | 5.5E+02 | 2E-06 | 3E-10 |
| 24712 RAVENNA AVE | Toluene | µg/kg | 17.91 | 95UCL | 4.8E+06 | -- | 4E-06 | -- |
| 24712 RAVENNA AVE | TPH as Diesel | mg/kg | 1126 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24712 RAVENNA AVE | TPH as Gasoline | mg/kg | 46.75 | 95UCL | 7.6E+02 | -- | 6E-02 | -- |
| 24712 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2024 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24712 RAVENNA AVE | Xylenes, Total | µg/kg | 73.19 | 95UCL | 5.6E+05 | -- | 1E-04 | -- |
| 24713 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.284 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24713 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0389 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24713 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.108 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 24713 MARBELLA AVE | Benzene | µg/kg | 0.391 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24713 MARBELLA AVE | Cobalt | mg/kg | 10.48 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 24713 MARBELLA AVE | Naphthalene | mg/kg | 0.693 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-03 | 2E-07 |
| 24713 MARBELLA AVE | Pyrene | mg/kg | 0.0514 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24713 MARBELLA AVE | Toluene | µg/kg | 0.276 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24713 MARBELLA AVE | TPH as Diesel | mg/kg | 158.6 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24713 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.075 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24713 MARBELLA AVE | TPH as Motor Oil | mg/kg | 525 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24713 MARBELLA AVE | Xylenes, Total | µg/kg | 0.35 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24713 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 14.86 | 95UCL | 8.3E+04 | -- | 2E-04 | -- |
| 24713 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2.988 | 95UCL | 8.5E+04 | -- | 4E-05 | -- |
| 24713 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.673 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 4E-08 |
| 24713 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.398 | 95UCL | 2.3E+02 | -- | 6E-03 | -- |
| 24713 PANAMA AVE | Benzene | µg/kg | 1.545 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 7E-09 |
| 24713 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.65 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24713 PANAMA AVE | Bromomethane | µg/kg | 1.576 | 95UCL | 8.8E+03 | -- | 2E-04 | -- |
| 24713 PANAMA AVE | Ethylbenzene | µg/kg | 16.58 | 95UCL | 3.3E+06 | 4.8E+03 | 5E-06 | 4E-09 |
| 24713 PANAMA AVE | Methylene Chloride | µg/kg | 6.136 | 95UCL | 3.6E+05 | 5.3E+03 | 2E-05 | 1E-09 |
| 24713 PANAMA AVE | Naphthalene | mg/kg | 0.397 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-03 | 1E-07 |
| 24713 PANAMA AVE | Pyrene | mg/kg | 1.043 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24713 PANAMA AVE | Toluene | µg/kg | 0.427 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24713 PANAMA AVE | TPH as Diesel | mg/kg | 2361 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24713 PANAMA AVE | TPH as Gasoline | mg/kg | 75.41 | 95UCL | 7.6E+02 | -- | 1E-01 | -- |
| 24713 PANAMA AVE | TPH as Motor Oil | mg/kg | 4714 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24713 PANAMA AVE | Xylenes, Total | µg/kg | 2.83 | 95UCL | 5.6E+05 | -- | 5E-06 | -- |
| 24713 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 21000 | Max | 8.3E+04 | -- | 3E-01 | -- |
| 24713 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 7100 | Max | 8.5E+04 | -- | 8E-02 | -- |
| 24713 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.695 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 1E-07 |
| 24713 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 5.359 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24713 RAVENNA AVE | Benzene | µg/kg | 7.518 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-04 | 3E-08 |
| 24713 RAVENNA AVE | Ethylbenzene | µg/kg | 2100 | Max | 3.3E+06 | 4.8E+03 | 6E-04 | 4E-07 |
| 24713 RAVENNA AVE | Naphthalene | mg/kg | 2.21 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24713 RAVENNA AVE | Pyrene | mg/kg | 0.171 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24713 RAVENNA AVE | Toluene | µg/kg | 58 | Max | 4.8E+06 | -- | 1E-05 | -- |
| 24713 RAVENNA AVE | TPH as Diesel | mg/kg | 2403 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24713 RAVENNA AVE | TPH as Gasoline | mg/kg | 299.4 | 95UCL | 7.6E+02 | -- | 4E-01 | -- |
| 24713 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2398 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24713 RAVENNA AVE | Xylenes, Total | µg/kg | 1124 | 95UCL | 5.6E+05 | -- | 2E-03 | -- |
| 24715 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 21.41 | 95UCL | 8.3E+04 | -- | 3E-04 | -- |
| 24715 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 18 | Max | 8.5E+04 | -- | 2E-04 | -- |
| 24715 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.152 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 7E-08 |
| 24715 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.888 | 95UCL | 2.3E+02 | -- | 8E-03 | -- |
| 24715 NEPTUNE AVE | Benzene | µg/kg | 5.817 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-05 | 3E-08 |
| 24715 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 0.712 | 95UCL | -- | 1.6E+00 | -- | 5E-07 |
| 24715 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.398 | 95UCL | -- | 1.6E-01 | -- | **3E-06** |
| 24715 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.24 | 95UCL | -- | 1.6E+00 | -- | 2E-07 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24715 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.0507 | 95UCL | -- | 1.6E+00 | -- | 3E-08 |
| 24715 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.34 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24715 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.23 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24715 NEPTUNE AVE | Chrysene | mg/kg | 1.812 | 95UCL | -- | 1.6E+01 | -- | 1E-07 |
| 24715 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.127 | 95UCL | -- | 1.1E-01 | -- | 1E-06 |
| 24715 NEPTUNE AVE | Ethylbenzene | µg/kg | 314 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 7E-08 |
| 24715 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.107 | 95UCL | -- | 1.6E+00 | -- | 7E-08 |
| 24715 NEPTUNE AVE | Naphthalene | mg/kg | 1.385 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-03 | 4E-07 |
| 24715 NEPTUNE AVE | Pyrene | mg/kg | 1.246 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24715 NEPTUNE AVE | Toluene | µg/kg | 2.765 | 95UCL | 4.8E+06 | -- | 6E-07 | -- |
| 24715 NEPTUNE AVE | TPH as Diesel | mg/kg | 5132 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24715 NEPTUNE AVE | TPH as Gasoline | mg/kg | 134.8 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24715 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5412 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24715 NEPTUNE AVE | Xylenes, Total | µg/kg | 15.24 | 95UCL | 5.6E+05 | -- | 3E-05 | -- |
| 24716 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 27000 | Max | 8.3E+04 | -- | 3E-01 | -- |
| 24716 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 10000 | Max | 8.5E+04 | -- | 1E-01 | -- |
| 24716 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2.857 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24716 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 3.949 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24716 MARBELLA AVE | Benzene | µg/kg | 284 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-03 | 1E-06 |
| 24716 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24716 MARBELLA AVE | Cobalt | mg/kg | 10.02 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24716 MARBELLA AVE | Ethylbenzene | µg/kg | 9000 | Max | 3.3E+06 | 4.8E+03 | 3E-03 | **2E-06** |
| 24716 MARBELLA AVE | Naphthalene | mg/kg | 1.676 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 4E-07 |
| 24716 MARBELLA AVE | Pyrene | mg/kg | 1.244 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24716 MARBELLA AVE | Toluene | µg/kg | 0.298 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24716 MARBELLA AVE | TPH as Diesel | mg/kg | 4212 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24716 MARBELLA AVE | TPH as Gasoline | mg/kg | 267.9 | 95UCL | 7.6E+02 | -- | 4E-01 | -- |
| 24716 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4257 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24716 MARBELLA AVE | Xylenes, Total | µg/kg | 6338 | 95UCL | 5.6E+05 | -- | 1E-02 | -- |
| 24716 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2.1 | Max | 8.3E+04 | -- | 3E-05 | -- |
| 24716 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.2 | Max | 8.5E+04 | -- | 1E-05 | -- |
| 24716 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.492 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 24716 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.439 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24716 RAVENNA AVE | Benzene | µg/kg | 0.493 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24716 RAVENNA AVE | Ethylbenzene | µg/kg | 0.45 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24716 RAVENNA AVE | Naphthalene | mg/kg | 0.0622 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-04 | 2E-08 |
| 24716 RAVENNA AVE | Pyrene | mg/kg | 0.813 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24716 RAVENNA AVE | Toluene | µg/kg | 0.284 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24716 RAVENNA AVE | TPH as Diesel | mg/kg | 2376 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24716 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.879 | 95UCL | 7.6E+02 | -- | 1E-03 | -- |
| 24716 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2438 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 24716 RAVENNA AVE | Xylenes, Total | µg/kg | 2.8 | Max | 5.6E+05 | -- | 5E-06 | -- |
| 24717 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 37.22 | 95UCL | 8.3E+04 | -- | 5E-04 | -- |
| 24717 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 12.37 | 95UCL | 8.5E+04 | -- | 2E-04 | -- |
| 24717 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.29 | Max | 3.6E+06 | 2.8E+03 | 8E-08 | 1E-10 |
| 24717 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 4.653 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24717 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 5.497 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24717 MARBELLA AVE | Benzene | µg/kg | 3.095 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-05 | 1E-08 |
| 24717 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.242 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24717 MARBELLA AVE | Cobalt | mg/kg | 9.152 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24717 MARBELLA AVE | Ethylbenzene | µg/kg | 33.22 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-05 | 7E-09 |
| 24717 MARBELLA AVE | Naphthalene | mg/kg | 1.836 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24717 MARBELLA AVE | Pyrene | mg/kg | 1.084 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24717 MARBELLA AVE | Toluene | µg/kg | 0.404 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24717 MARBELLA AVE | TPH as Diesel | mg/kg | 2470 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24717 MARBELLA AVE | TPH as Gasoline | mg/kg | 65.41 | 95UCL | 7.6E+02 | -- | 9E-02 | -- |
| 24717 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2545 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24717 MARBELLA AVE | Xylenes, Total | µg/kg | 10.64 | 95UCL | 5.6E+05 | -- | 2E-05 | -- |
| 24718 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 6210 | 95UCL | 8.3E+04 | -- | 8E-02 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24718 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 2588 | 95UCL | 8.5E+04 | -- | 3E-02 | -- |
| 24718 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.663 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 24718 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 11.61 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24718 NEPTUNE AVE | Antimony | mg/kg | 0.709 | 95UCL | 3.1E+01 | -- | 2E-02 | -- |
| 24718 NEPTUNE AVE | Benzene | µg/kg | 122.1 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-03 | 6E-07 |
| 24718 NEPTUNE AVE | Ethylbenzene | µg/kg | 2135 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-04 | 5E-07 |
| 24718 NEPTUNE AVE | Naphthalene | mg/kg | 5.099 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24718 NEPTUNE AVE | Pyrene | mg/kg | 0.667 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24718 NEPTUNE AVE | Toluene | µg/kg | 1.247 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24718 NEPTUNE AVE | TPH as Diesel | mg/kg | 5730 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24718 NEPTUNE AVE | TPH as Gasoline | mg/kg | 591.5 | 95UCL | 7.6E+02 | -- | 8E-01 | -- |
| 24718 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6328 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24718 NEPTUNE AVE | Trichloroethene | µg/kg | 0.23 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24718 NEPTUNE AVE | Xylenes, Total | µg/kg | 8120 | 95UCL | 5.6E+05 | -- | 2E-02 | -- |
| 24718 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 1.2 | Max | 2.4E+03 | 2.1E+01 | 5E-04 | 6E-08 |
| 24718 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 32.35 | 95UCL | 8.3E+04 | -- | 4E-04 | -- |
| 24718 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 13.66 | 95UCL | 8.5E+04 | -- | 2E-04 | -- |
| 24718 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.987 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 6E-08 |
| 24718 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 2.029 | 95UCL | 2.3E+02 | -- | 9E-03 | -- |
| 24718 PANAMA AVE | Benzene | µg/kg | 0.47 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24718 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 1.2E+03 | 3.5E+01 | 9E-04 | 3E-08 |
| 24718 PANAMA AVE | Bromomethane | µg/kg | 680 | Max | 8.8E+03 | -- | 8E-02 | -- |
| 24718 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.286 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24718 PANAMA AVE | Ethylbenzene | µg/kg | 12.56 | 95UCL | 3.3E+06 | 4.8E+03 | 4E-06 | 3E-09 |
| 24718 PANAMA AVE | Naphthalene | mg/kg | 0.6 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-03 | 2E-07 |
| 24718 PANAMA AVE | Pyrene | mg/kg | 10.13 | 95UCL | 1.7E+03 | -- | 6E-03 | -- |
| 24718 PANAMA AVE | Toluene | µg/kg | 0.366 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 24718 PANAMA AVE | TPH as Diesel | mg/kg | 2402 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24718 PANAMA AVE | TPH as Gasoline | mg/kg | 0.646 | 95UCL | 7.6E+02 | -- | 9E-04 | -- |
| 24718 PANAMA AVE | TPH as Motor Oil | mg/kg | 3427 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24718 PANAMA AVE | Xylenes, Total | µg/kg | 8.897 | 95UCL | 5.6E+05 | -- | 2E-05 | -- |
| 24719 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 373.5 | 95UCL | 8.3E+04 | -- | 5E-03 | -- |
| 24719 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 8.947 | 95UCL | 8.5E+04 | -- | 1E-04 | -- |
| 24719 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 170 | Max | 3.6E+06 | 2.8E+03 | 5E-05 | 6E-08 |
| 24719 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.544 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |
| 24719 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 8.468 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24719 NEPTUNE AVE | Benzene | µg/kg | 6.605 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-04 | 3E-08 |
| 24719 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.598 | 95UCL | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24719 NEPTUNE AVE | Bromomethane | µg/kg | 1.8 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24719 NEPTUNE AVE | Ethylbenzene | µg/kg | 1933 | 95UCL | 3.3E+06 | 4.8E+03 | 6E-04 | 4E-07 |
| 24719 NEPTUNE AVE | Naphthalene | mg/kg | 3.471 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 9E-07 |
| 24719 NEPTUNE AVE | Pyrene | mg/kg | 0.481 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24719 NEPTUNE AVE | Toluene | µg/kg | 0.66 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24719 NEPTUNE AVE | TPH as Diesel | mg/kg | 3042 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24719 NEPTUNE AVE | TPH as Gasoline | mg/kg | 413.5 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24719 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3846 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24719 NEPTUNE AVE | Xylenes, Total | µg/kg | 33.13 | 95UCL | 5.6E+05 | -- | 6E-05 | -- |
| 24719 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 30.82 | 95UCL | 8.3E+04 | -- | 4E-04 | -- |
| 24719 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 81 | Max | 8.5E+04 | -- | 1E-03 | -- |
| 24719 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.41 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 24719 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.586 | 95UCL | 2.3E+02 | -- | 3E-03 | -- |
| 24719 PANAMA AVE | Benzene | µg/kg | 0.317 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 1E-09 |
| 24719 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24719 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.298 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24719 PANAMA AVE | Ethylbenzene | µg/kg | 2.932 | 95UCL | 3.3E+06 | 4.8E+03 | 9E-07 | 6E-10 |
| 24719 PANAMA AVE | Naphthalene | mg/kg | 0.00895 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24719 PANAMA AVE | Pyrene | mg/kg | 2.057 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24719 PANAMA AVE | Toluene | µg/kg | 0.216 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24719 PANAMA AVE | TPH as Diesel | mg/kg | 1938 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24719 PANAMA AVE | TPH as Gasoline | mg/kg | 0.217 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24719 PANAMA AVE | TPH as Motor Oil | mg/kg | 3765 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24719 PANAMA AVE | Xylenes, Total | µg/kg | 8.697 | 95UCL | 5.6E+05 | -- | 2E-05 | -- |
| 24719 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 5878 | 95UCL | 8.3E+04 | -- | 7E-02 | -- |
| 24719 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1400 | 95UCL | 8.5E+04 | -- | 2E-02 | -- |
| 24719 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.27 | Max | 3.6E+06 | 2.8E+03 | 7E-08 | 1E-10 |
| 24719 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.181 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 24719 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 9.493 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24719 RAVENNA AVE | Benzene | µg/kg | 43.13 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-04 | 2E-07 |
| 24719 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.5 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24719 RAVENNA AVE | Bromomethane | µg/kg | 820 | Max | 8.8E+03 | -- | 9E-02 | -- |
| 24719 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 1.1 | Max | 2.3E+02 | 1.3E+00 | 5E-03 | 9E-07 |
| 24719 RAVENNA AVE | Ethylbenzene | µg/kg | 1050 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-04 | 2E-07 |
| 24719 RAVENNA AVE | Naphthalene | mg/kg | 2.282 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 6E-07 |
| 24719 RAVENNA AVE | Pyrene | mg/kg | 0.299 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24719 RAVENNA AVE | Toluene | µg/kg | 967.3 | 95UCL | 4.8E+06 | -- | 2E-04 | -- |
| 24719 RAVENNA AVE | TPH as Diesel | mg/kg | 3816 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24719 RAVENNA AVE | TPH as Gasoline | mg/kg | 567 | 95UCL | 7.6E+02 | -- | 8E-01 | -- |
| 24719 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3821 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24719 RAVENNA AVE | Xylenes, Total | µg/kg | 10585 | 95UCL | 5.6E+05 | -- | 2E-02 | -- |
| 24722 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.54 | Max | 8.3E+04 | -- | 7E-06 | -- |
| 24722 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0101 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 24722 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0151 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24722 MARBELLA AVE | Benzene | µg/kg | 0.146 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24722 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.34 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24722 MARBELLA AVE | Bromomethane | µg/kg | 0.92 | Max | 8.8E+03 | -- | 1E-04 | -- |
| 24722 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.7 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24722 MARBELLA AVE | Naphthalene | mg/kg | 0.00654 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24722 MARBELLA AVE | Pyrene | mg/kg | 0.737 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24722 MARBELLA AVE | Toluene | µg/kg | 1.186 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24722 MARBELLA AVE | TPH as Diesel | mg/kg | 1179 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24722 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.408 | 95UCL | 7.6E+02 | -- | 5E-04 | -- |
| 24722 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2752 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24722 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.51 | Max | 8.3E+04 | -- | 6E-06 | -- |
| 24722 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0034 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 24722 NEPTUNE AVE | Benzene | µg/kg | 0.797 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 4E-09 |
| 24722 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24722 NEPTUNE AVE | Bromomethane | µg/kg | 2.4 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24722 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.27 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24722 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.42 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24722 NEPTUNE AVE | Naphthalene | mg/kg | 0.00198 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 24722 NEPTUNE AVE | Pyrene | mg/kg | 0.00842 | 95UCL | 1.7E+03 | -- | 5E-06 | -- |
| 24722 NEPTUNE AVE | Toluene | µg/kg | 0.764 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24722 NEPTUNE AVE | TPH as Diesel | mg/kg | 25.87 | 95UCL | 1.3E+03 | -- | 2E-02 | -- |
| 24722 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0759 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24722 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 76.23 | 95UCL | 3.3E+03 | -- | 2E-02 | -- |
| 24722 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.341 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 24722 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.216 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24722 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.12 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24722 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.558 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 4E-08 |
| 24722 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.436 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24722 PANAMA AVE | Benzene | µg/kg | 0.233 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24722 PANAMA AVE | Naphthalene | mg/kg | 0.108 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-04 | 3E-08 |
| 24722 PANAMA AVE | Pyrene | mg/kg | 0.796 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24722 PANAMA AVE | Toluene | µg/kg | 0.277 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24722 PANAMA AVE | TPH as Diesel | mg/kg | 1333 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24722 PANAMA AVE | TPH as Gasoline | mg/kg | 0.151 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24722 PANAMA AVE | TPH as Motor Oil | mg/kg | 1966 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24722 PANAMA AVE | Xylenes, Total | µg/kg | 0.46 | Max | 5.6E+05 | -- | 8E-07 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24722 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 173.4 | 95UCL | 8.3E+04 | -- | 2E-03 | -- |
| 24722 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 42.72 | 95UCL | 8.5E+04 | -- | 5E-04 | -- |
| 24722 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.335 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 9E-08 |
| 24722 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.731 | 95UCL | 2.3E+02 | -- | 8E-03 | -- |
| 24722 RAVENNA AVE | Benzene | µg/kg | 3.075 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-05 | 1E-08 |
| 24722 RAVENNA AVE | Bromomethane | µg/kg | 0.97 | 95UCL | 8.8E+03 | -- | 1E-04 | -- |
| 24722 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.437 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24722 RAVENNA AVE | Ethylbenzene | µg/kg | 24.07 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-06 | 5E-09 |
| 24722 RAVENNA AVE | Naphthalene | mg/kg | 0.59 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-03 | 2E-07 |
| 24722 RAVENNA AVE | Pyrene | mg/kg | 1.222 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24722 RAVENNA AVE | Toluene | µg/kg | 6.475 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24722 RAVENNA AVE | TPH as Diesel | mg/kg | 3041 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24722 RAVENNA AVE | TPH as Gasoline | mg/kg | 1.674 | 95UCL | 7.6E+02 | -- | 2E-03 | -- |
| 24722 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6791 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24722 RAVENNA AVE | Xylenes, Total | µg/kg | 60.51 | 95UCL | 5.6E+05 | -- | 1E-04 | -- |
| 24723 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 16.58 | 95UCL | 8.3E+04 | -- | 2E-04 | -- |
| 24723 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 9.3 | Max | 8.5E+04 | -- | 1E-04 | -- |
| 24723 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 7E-11 |
| 24723 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.18 | Max | 4.0E+03 | 1.6E+01 | 5E-05 | 1E-08 |
| 24723 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0279 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24723 MARBELLA AVE | Benzene | µg/kg | 1.573 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 7E-09 |
| 24723 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.39 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24723 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.23 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24723 MARBELLA AVE | Cobalt | mg/kg | 9.425 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24723 MARBELLA AVE | Ethylbenzene | µg/kg | 22 | Max | 3.3E+06 | 4.8E+03 | 7E-06 | 5E-09 |
| 24723 MARBELLA AVE | Naphthalene | mg/kg | 0.106 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-04 | 3E-08 |
| 24723 MARBELLA AVE | Pyrene | mg/kg | 0.839 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24723 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.32 | Max | 8.6E+04 | 5.5E+02 | 4E-06 | 6E-10 |
| 24723 MARBELLA AVE | Toluene | µg/kg | 1.012 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24723 MARBELLA AVE | TPH as Diesel | mg/kg | 1842 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24723 MARBELLA AVE | TPH as Gasoline | mg/kg | 1 | Max | 7.6E+02 | -- | 1E-03 | -- |
| 24723 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2477 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24723 MARBELLA AVE | Xylenes, Total | µg/kg | 0.509 | 95UCL | 5.6E+05 | -- | 9E-07 | -- |
| 24723 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.34 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24723 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 170 | Max | 3.6E+06 | 2.8E+03 | 5E-05 | 6E-08 |
| 24723 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.206 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-05 | 1E-08 |
| 24723 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.152 | 95UCL | 2.3E+02 | -- | 7E-04 | -- |
| 24723 RAVENNA AVE | Benzene | µg/kg | 0.187 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24723 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.34 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24723 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.37 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24723 RAVENNA AVE | Ethylbenzene | µg/kg | 15 | Max | 3.3E+06 | 4.8E+03 | 5E-06 | 3E-09 |
| 24723 RAVENNA AVE | Naphthalene | mg/kg | 0.109 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-04 | 3E-08 |
| 24723 RAVENNA AVE | Pyrene | mg/kg | 0.188 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24723 RAVENNA AVE | Toluene | µg/kg | 0.276 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24723 RAVENNA AVE | TPH as Diesel | mg/kg | 1254 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24723 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.124 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24723 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1339 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24723 RAVENNA AVE | Xylenes, Total | µg/kg | 0.73 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24725 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0022 | Max | 4.0E+03 | 1.6E+01 | 6E-07 | 1E-10 |
| 24725 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00961 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24725 NEPTUNE AVE | Benzene | µg/kg | 0.15 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24725 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.36 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24725 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.203 | 95UCL | 2.3E+02 | 1.3E+00 | 9E-04 | 2E-07 |
| 24725 NEPTUNE AVE | Naphthalene | mg/kg | 0.00555 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 24725 NEPTUNE AVE | Pyrene | mg/kg | 0.407 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24725 NEPTUNE AVE | Toluene | µg/kg | 0.338 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24725 NEPTUNE AVE | TPH as Diesel | mg/kg | 261.7 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 24725 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0722 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24725 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 571.4 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24726 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 120 | Max | 8.3E+04 | -- | 2E-03 | -- |
| 24726 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 9.5 | Max | 8.5E+04 | -- | 1E-04 | -- |
| 24726 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.201 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-05 | 1E-08 |
| 24726 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.446 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24726 MARBELLA AVE | Benzene | µg/kg | 0.718 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-05 | 3E-09 |
| 24726 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 1.2E+03 | 3.5E+01 | 9E-04 | 3E-08 |
| 24726 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.347 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24726 MARBELLA AVE | Cobalt | mg/kg | 10.3 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24726 MARBELLA AVE | Ethylbenzene | µg/kg | 40 | Max | 3.3E+06 | 4.8E+03 | 1E-05 | 8E-09 |
| 24726 MARBELLA AVE | Naphthalene | mg/kg | 0.0862 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-04 | 2E-08 |
| 24726 MARBELLA AVE | Pyrene | mg/kg | 0.322 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24726 MARBELLA AVE | Toluene | µg/kg | 2.865 | 95UCL | 4.8E+06 | -- | 6E-07 | -- |
| 24726 MARBELLA AVE | TPH as Diesel | mg/kg | 478.7 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24726 MARBELLA AVE | TPH as Gasoline | mg/kg | 9.488 | 95UCL | 7.6E+02 | -- | 1E-02 | -- |
| 24726 MARBELLA AVE | TPH as Motor Oil | mg/kg | 741 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24726 MARBELLA AVE | Xylenes, Total | µg/kg | 7.033 | 95UCL | 5.6E+05 | -- | 1E-05 | -- |
| 24726 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4.7 | Max | 8.3E+04 | -- | 6E-05 | -- |
| 24726 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.7 | Max | 8.5E+04 | -- | 2E-05 | -- |
| 24726 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.307 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-05 | 2E-08 |
| 24726 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.453 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24726 RAVENNA AVE | Benzene | µg/kg | 0.22 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24726 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.282 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24726 RAVENNA AVE | Ethylbenzene | µg/kg | 1.2 | Max | 3.3E+06 | 4.8E+03 | 4E-07 | 3E-10 |
| 24726 RAVENNA AVE | Naphthalene | mg/kg | 0.159 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 4E-08 |
| 24726 RAVENNA AVE | Pyrene | mg/kg | 1.432 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24726 RAVENNA AVE | TPH as Diesel | mg/kg | 684.2 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24726 RAVENNA AVE | TPH as Gasoline | mg/kg | 1 | Max | 7.6E+02 | -- | 1E-03 | -- |
| 24726 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2042 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24726 RAVENNA AVE | Xylenes, Total | µg/kg | 0.85 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 24727 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 9200 | Max | 8.3E+04 | -- | 1E-01 | -- |
| 24727 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 850 | Max | 8.5E+04 | -- | 1E-02 | -- |
| 24727 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.138 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 9E-09 |
| 24727 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.161 | 95UCL | 2.3E+02 | -- | 7E-04 | -- |
| 24727 MARBELLA AVE | Benzene | µg/kg | 24.28 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-04 | 1E-07 |
| 24727 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.262 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24727 MARBELLA AVE | Ethylbenzene | µg/kg | 610 | Max | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24727 MARBELLA AVE | Naphthalene | mg/kg | 2.024 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24727 MARBELLA AVE | Pyrene | mg/kg | 0.565 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24727 MARBELLA AVE | Toluene | µg/kg | 0.175 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24727 MARBELLA AVE | TPH as Diesel | mg/kg | 3363 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24727 MARBELLA AVE | TPH as Gasoline | mg/kg | 118.3 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24727 MARBELLA AVE | TPH as Motor Oil | mg/kg | 9837 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24727 MARBELLA AVE | Xylenes, Total | µg/kg | 2000 | Max | 5.6E+05 | -- | 4E-03 | -- |
| 24728 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 710 | Max | 8.3E+04 | -- | 9E-03 | -- |
| 24728 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 210 | Max | 8.5E+04 | -- | 3E-03 | -- |
| 24728 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.483 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |
| 24728 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.107 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24728 NEPTUNE AVE | Benzene | µg/kg | 729.1 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-02 | **3E-06** |
| 24728 NEPTUNE AVE | Bromomethane | µg/kg | 3.9 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24728 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.72 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 24728 NEPTUNE AVE | Ethylbenzene | µg/kg | 6900 | Max | 3.3E+06 | 4.8E+03 | 2E-03 | 1E-06 |
| 24728 NEPTUNE AVE | Naphthalene | mg/kg | 1.829 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 24728 NEPTUNE AVE | Pyrene | mg/kg | 0.327 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24728 NEPTUNE AVE | Toluene | µg/kg | 5.181 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24728 NEPTUNE AVE | TPH as Diesel | mg/kg | 1814 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24728 NEPTUNE AVE | TPH as Gasoline | mg/kg | 371.1 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 24728 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2499 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24728 NEPTUNE AVE | Xylenes, Total | µg/kg | 270 | Max | 5.6E+05 | -- | 5E-04 | -- |
| 24728 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.925 | 95UCL | 8.3E+04 | -- | 1E-05 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24728 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2.7 | Max | 8.5E+04 | -- | 3E-05 | -- |
| 24728 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 2.6 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-04 | 2E-07 |
| 24728 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 2.776 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 24728 PANAMA AVE | Benzene | µg/kg | 0.252 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24728 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.56 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24728 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.586 | 95UCL | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24728 PANAMA AVE | Ethylbenzene | µg/kg | 0.37 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 8E-11 |
| 24728 PANAMA AVE | Naphthalene | mg/kg | 0.266 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 7E-08 |
| 24728 PANAMA AVE | Pyrene | mg/kg | 3.823 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 24728 PANAMA AVE | Toluene | µg/kg | 0.156 | 95UCL | 4.8E+06 | -- | 3E-08 | -- |
| 24728 PANAMA AVE | TPH as Diesel | mg/kg | 17004 | 95UCL | 1.3E+03 | -- | **1E+01** | -- |
| 24728 PANAMA AVE | TPH as Gasoline | mg/kg | 87.27 | 95UCL | 7.6E+02 | -- | 1E-01 | -- |
| 24728 PANAMA AVE | TPH as Motor Oil | mg/kg | 23480 | 95UCL | 3.3E+03 | -- | **7E+00** | -- |
| 24728 PANAMA AVE | Xylenes, Total | µg/kg | 4.2 | Max | 5.6E+05 | -- | 8E-06 | -- |
| 24729 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.22 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24729 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.2 | Max | 4.0E+03 | 1.6E+01 | 5E-05 | 1E-08 |
| 24729 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0929 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24729 NEPTUNE AVE | Benzene | µg/kg | 0.2 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24729 NEPTUNE AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24729 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.326 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24729 NEPTUNE AVE | Naphthalene | mg/kg | 0.12 | Max | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24729 NEPTUNE AVE | Pyrene | mg/kg | 0.387 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24729 NEPTUNE AVE | Toluene | µg/kg | 0.85 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24729 NEPTUNE AVE | TPH as Diesel | mg/kg | 783.4 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24729 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.514 | 95UCL | 7.6E+02 | -- | 7E-04 | -- |
| 24729 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1434 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24729 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.25 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24729 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.18 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24729 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00955 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 6E-10 |
| 24729 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0391 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24729 PANAMA AVE | Benzene | µg/kg | 0.19 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24729 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.36 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24729 PANAMA AVE | Ethylbenzene | µg/kg | 0.15 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24729 PANAMA AVE | Naphthalene | mg/kg | 0.0488 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24729 PANAMA AVE | Pyrene | mg/kg | 0.222 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24729 PANAMA AVE | Tetrachloroethene | µg/kg | 0.26 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 5E-10 |
| 24729 PANAMA AVE | Toluene | µg/kg | 0.171 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24729 PANAMA AVE | TPH as Diesel | mg/kg | 435.6 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 24729 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0699 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 24729 PANAMA AVE | TPH as Motor Oil | mg/kg | 988.2 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24729 PANAMA AVE | Xylenes, Total | µg/kg | 0.42 | Max | 5.6E+05 | -- | 8E-07 | -- |
| 24729 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00304 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 24729 RAVENNA AVE | Benzene | µg/kg | 0.204 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24729 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24729 RAVENNA AVE | Naphthalene | mg/kg | 0.018 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-04 | 5E-09 |
| 24729 RAVENNA AVE | Pyrene | mg/kg | 0.00901 | 95UCL | 1.7E+03 | -- | 5E-06 | -- |
| 24729 RAVENNA AVE | Toluene | µg/kg | 0.35 | Max | 4.8E+06 | -- | 7E-08 | -- |
| 24729 RAVENNA AVE | TPH as Diesel | mg/kg | 89 | Max | 1.3E+03 | -- | 7E-02 | -- |
| 24729 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.096 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24729 RAVENNA AVE | TPH as Motor Oil | mg/kg | 320 | Max | 3.3E+03 | -- | 1E-01 | -- |
| 24729 RAVENNA AVE | Xylenes, Total | µg/kg | 0.21 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24732 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.282 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24732 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.2 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24732 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 9 | Max | 4.0E+03 | 1.6E+01 | 2E-03 | 6E-07 |
| 24732 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 1.887 | 95UCL | 2.3E+02 | -- | 8E-03 | -- |
| 24732 MARBELLA AVE | Benzene | µg/kg | 0.231 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24732 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.33 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24732 MARBELLA AVE | Ethylbenzene | µg/kg | 0.34 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-07 | 7E-11 |
| 24732 MARBELLA AVE | Naphthalene | mg/kg | 0.44 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-03 | 1E-07 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24732 MARBELLA AVE | Pyrene | mg/kg | 0.785 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24732 MARBELLA AVE | Toluene | µg/kg | 0.345 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24732 MARBELLA AVE | TPH as Diesel | mg/kg | 2402 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24732 MARBELLA AVE | TPH as Gasoline | mg/kg | 74 | Max | 7.6E+02 | -- | 1E-01 | -- |
| 24732 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4096 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24732 MARBELLA AVE | Xylenes, Total | µg/kg | 0.501 | 95UCL | 5.6E+05 | -- | 9E-07 | -- |
| 24732 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 6971 | 95UCL | 8.3E+04 | -- | 8E-02 | -- |
| 24732 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 21000 | Max | 8.5E+04 | -- | 3E-01 | -- |
| 24732 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 7.205 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 5E-07 |
| 24732 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 17.1 | 95UCL | 2.3E+02 | -- | 8E-02 | -- |
| 24732 NEPTUNE AVE | Benzene | µg/kg | 4421 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-02 | **2E-05** |
| 24732 NEPTUNE AVE | Ethylbenzene | µg/kg | 5222 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-03 | 1E-06 |
| 24732 NEPTUNE AVE | Naphthalene | mg/kg | 8.06 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-02 | **2E-06** |
| 24732 NEPTUNE AVE | Pyrene | mg/kg | 4.653 | 95UCL | 1.7E+03 | -- | 3E-03 | -- |
| 24732 NEPTUNE AVE | Toluene | µg/kg | 6580 | 95UCL | 4.8E+06 | -- | 1E-03 | -- |
| 24732 NEPTUNE AVE | TPH as Diesel | mg/kg | 5480 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24732 NEPTUNE AVE | TPH as Gasoline | mg/kg | 805.8 | 95UCL | 7.6E+02 | -- | 1E+00 | -- |
| 24732 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6425 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24732 NEPTUNE AVE | Trichloroethene | µg/kg | 300 | Max | 5.8E+03 | 1.2E+03 | 5E-02 | 3E-07 |
| 24732 NEPTUNE AVE | Xylenes, Total | µg/kg | 31010 | 95UCL | 5.6E+05 | -- | 6E-02 | -- |
| 24732 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.26 | Max | 6.2E+05 | 4.7E+02 | 4E-07 | 6E-10 |
| 24732 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.22 | Max | 8.3E+04 | -- | 3E-06 | -- |
| 24732 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00806 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24732 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 0.067 | Max | 1.2E+02 | 1.6E+00 | 6E-04 | 4E-08 |
| 24732 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0426 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24732 PANAMA AVE | Benzene | µg/kg | 0.223 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24732 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.46 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24732 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.256 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24732 PANAMA AVE | Naphthalene | mg/kg | 0.0122 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 24732 PANAMA AVE | Pyrene | mg/kg | 0.475 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24732 PANAMA AVE | Toluene | µg/kg | 0.191 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24732 PANAMA AVE | TPH as Diesel | mg/kg | 539.8 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 24732 PANAMA AVE | TPH as Gasoline | mg/kg | 0.22 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24732 PANAMA AVE | TPH as Motor Oil | mg/kg | 901.2 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24732 PANAMA AVE | Xylenes, Total | µg/kg | 0.41 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 24732 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 192.2 | 95UCL | 8.3E+04 | -- | 2E-03 | -- |
| 24732 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 10.71 | 95UCL | 8.5E+04 | -- | 1E-04 | -- |
| 24732 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.271 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-05 | 2E-08 |
| 24732 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.266 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24732 RAVENNA AVE | Benzene | µg/kg | 0.228 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24732 RAVENNA AVE | Bromomethane | µg/kg | 270 | Max | 8.8E+03 | -- | 3E-02 | -- |
| 24732 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24732 RAVENNA AVE | Ethylbenzene | µg/kg | 71 | Max | 3.3E+06 | 4.8E+03 | 2E-05 | 2E-08 |
| 24732 RAVENNA AVE | Naphthalene | mg/kg | 0.133 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-04 | 3E-08 |
| 24732 RAVENNA AVE | Pyrene | mg/kg | 0.42 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24732 RAVENNA AVE | Toluene | µg/kg | 0.25 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24732 RAVENNA AVE | TPH as Diesel | mg/kg | 1270 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24732 RAVENNA AVE | TPH as Gasoline | mg/kg | 35.51 | 95UCL | 7.6E+02 | -- | 5E-02 | -- |
| 24732 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2030 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24732 RAVENNA AVE | Xylenes, Total | µg/kg | 22.59 | 95UCL | 5.6E+05 | -- | 4E-05 | -- |
| 24733 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.4 | Max | 8.3E+04 | -- | 5E-06 | -- |
| 24733 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.095 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 24733 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2 | Max | 4.0E+03 | 1.6E+01 | 5E-04 | 1E-07 |
| 24733 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.526 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24733 MARBELLA AVE | Benzene | µg/kg | 0.184 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24733 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24733 MARBELLA AVE | Cobalt | mg/kg | 9.182 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24733 MARBELLA AVE | Ethylbenzene | µg/kg | 280 | Max | 3.3E+06 | 4.8E+03 | 9E-05 | 6E-08 |
| 24733 MARBELLA AVE | Naphthalene | mg/kg | 1.491 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 4E-07 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24733 MARBELLA AVE | Pyrene | mg/kg | 0.138 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |
| 24733 MARBELLA AVE | Toluene | µg/kg | 0.174 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24733 MARBELLA AVE | TPH as Diesel | mg/kg | 749.8 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24733 MARBELLA AVE | TPH as Gasoline | mg/kg | 166 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24733 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1054 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24733 MARBELLA AVE | Xylenes, Total | µg/kg | 0.25 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24733 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.12 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 24733 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.061 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-05 | 4E-09 |
| 24733 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.165 | 95UCL | 2.3E+02 | -- | 7E-04 | -- |
| 24733 PANAMA AVE | Benzene | µg/kg | 0.262 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24733 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.59 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24733 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 24733 PANAMA AVE | Naphthalene | mg/kg | 0.118 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24733 PANAMA AVE | Pyrene | mg/kg | 0.972 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24733 PANAMA AVE | Toluene | µg/kg | 1.147 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24733 PANAMA AVE | TPH as Diesel | mg/kg | 961.6 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24733 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0717 | 95UCL | 7.6E+02 | -- | 9E-05 | -- |
| 24733 PANAMA AVE | TPH as Motor Oil | mg/kg | 1993 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 24733 PANAMA AVE | Xylenes, Total | µg/kg | 0.49 | Max | 5.6E+05 | -- | 9E-07 | -- |
| 24733 RAVENNA AVE | 1,2,3-Trichloropropane | µg/kg | 0.75 | Max | 2.4E+03 | 2.1E+01 | 3E-04 | 4E-08 |
| 24733 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.389 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24733 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.304 | 95UCL | 8.5E+04 | -- | 4E-06 | -- |
| 24733 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.208 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-05 | 1E-08 |
| 24733 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.203 | 95UCL | 2.3E+02 | -- | 9E-04 | -- |
| 24733 RAVENNA AVE | Benzene | µg/kg | 0.391 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24733 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.98 | Max | 1.2E+03 | 3.5E+01 | 8E-04 | 3E-08 |
| 24733 RAVENNA AVE | Bromomethane | µg/kg | 1.17 | 95UCL | 8.8E+03 | -- | 1E-04 | -- |
| 24733 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24733 RAVENNA AVE | Ethylbenzene | µg/kg | 0.83 | Max | 3.3E+06 | 4.8E+03 | 3E-07 | 2E-10 |
| 24733 RAVENNA AVE | Naphthalene | mg/kg | 0.0367 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 9E-09 |
| 24733 RAVENNA AVE | Pyrene | mg/kg | 0.109 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24733 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.29 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 5E-10 |
| 24733 RAVENNA AVE | Thallium | mg/kg | 0.28 | Max | 7.8E-01 | -- | 4E-01 | -- |
| 24733 RAVENNA AVE | Toluene | µg/kg | 2.625 | 95UCL | 4.8E+06 | -- | 6E-07 | -- |
| 24733 RAVENNA AVE | TPH as Diesel | mg/kg | 687.7 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24733 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.231 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24733 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1140 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24733 RAVENNA AVE | Trichloroethene | µg/kg | 0.18 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 2E-10 |
| 24733 RAVENNA AVE | Xylenes, Total | µg/kg | 0.406 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 24735 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.049 | 95UCL | 8.3E+04 | -- | 1E-05 | -- |
| 24735 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.2 | Max | 8.5E+04 | -- | 1E-05 | -- |
| 24735 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0225 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-06 | 1E-09 |
| 24735 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0542 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24735 NEPTUNE AVE | Benzene | µg/kg | 0.209 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24735 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24735 NEPTUNE AVE | Ethylbenzene | µg/kg | 2.1 | Max | 3.3E+06 | 4.8E+03 | 6E-07 | 4E-10 |
| 24735 NEPTUNE AVE | Naphthalene | mg/kg | 0.028 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |
| 24735 NEPTUNE AVE | Pyrene | mg/kg | 0.393 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24735 NEPTUNE AVE | Toluene | µg/kg | 0.645 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24735 NEPTUNE AVE | TPH as Diesel | mg/kg | 2151 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24735 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.154 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24735 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4676 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24735 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.661 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24736 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.32 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24736 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.022 | Max | 4.0E+03 | 1.6E+01 | 6E-06 | 1E-09 |
| 24736 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0102 | 95UCL | 2.3E+02 | -- | 4E-05 | -- |
| 24736 MARBELLA AVE | Benzene | µg/kg | 0.203 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24736 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.255 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24736 MARBELLA AVE | Cobalt | mg/kg | 9.75 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24736 MARBELLA AVE | Naphthalene | mg/kg | 0.00409 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24736 MARBELLA AVE | Pyrene | mg/kg | 0.103 | 95UCL | 1.7E+03 | -- | 6E-05 | -- |
| 24736 MARBELLA AVE | Toluene | µg/kg | 0.301 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24736 MARBELLA AVE | TPH as Diesel | mg/kg | 176.1 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24736 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.127 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24736 MARBELLA AVE | TPH as Motor Oil | mg/kg | 564.5 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24736 MARBELLA AVE | Xylenes, Total | µg/kg | 0.24 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24736 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1664 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 24736 RAVENNA AVE | 1,2-Dichloropropane | µg/kg | 2.8 | Max | 1.5E+04 | 8.3E+02 | 2E-04 | 3E-09 |
| 24736 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 380.3 | 95UCL | 8.5E+04 | -- | 5E-03 | -- |
| 24736 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 6.443 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 4E-07 |
| 24736 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 9.286 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24736 RAVENNA AVE | Benzene | µg/kg | 105.5 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-03 | 5E-07 |
| 24736 RAVENNA AVE | Ethylbenzene | µg/kg | 537.6 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24736 RAVENNA AVE | Naphthalene | mg/kg | 4.579 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24736 RAVENNA AVE | Pyrene | mg/kg | 0.978 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24736 RAVENNA AVE | Toluene | µg/kg | 18.34 | 95UCL | 4.8E+06 | -- | 4E-06 | -- |
| 24736 RAVENNA AVE | TPH as Diesel | mg/kg | 4379 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24736 RAVENNA AVE | TPH as Gasoline | mg/kg | 249.5 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24736 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4809 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24736 RAVENNA AVE | Xylenes, Total | µg/kg | 539.3 | 95UCL | 5.6E+05 | -- | 1E-03 | -- |
| 24737 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 410 | Max | 8.3E+04 | -- | 5E-03 | -- |
| 24737 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 67 | Max | 8.5E+04 | -- | 8E-04 | -- |
| 24737 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 3.204 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 24737 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 9.37 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 24737 MARBELLA AVE | Benzene | µg/kg | 8.269 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-04 | 4E-08 |
| 24737 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 24737 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.455 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24737 MARBELLA AVE | Ethylbenzene | µg/kg | 250 | Max | 3.3E+06 | 4.8E+03 | 8E-05 | 5E-08 |
| 24737 MARBELLA AVE | Naphthalene | mg/kg | 3.273 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 8E-07 |
| 24737 MARBELLA AVE | Pyrene | mg/kg | 0.931 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24737 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.42 | Max | 8.6E+04 | 5.5E+02 | 5E-06 | 8E-10 |
| 24737 MARBELLA AVE | Toluene | µg/kg | 0.303 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24737 MARBELLA AVE | TPH as Diesel | mg/kg | 5254 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24737 MARBELLA AVE | TPH as Gasoline | mg/kg | 224.9 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24737 MARBELLA AVE | TPH as Motor Oil | mg/kg | 6413 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24737 MARBELLA AVE | Xylenes, Total | µg/kg | 210 | Max | 5.6E+05 | -- | 4E-04 | -- |
| 24738 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 13584 | 95UCL | 8.3E+04 | -- | 2E-01 | -- |
| 24738 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 2825 | 95UCL | 8.5E+04 | -- | 3E-02 | -- |
| 24738 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 7.894 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 5E-07 |
| 24738 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 24.08 | 95UCL | 2.3E+02 | -- | 1E-01 | -- |
| 24738 NEPTUNE AVE | Benzene | µg/kg | 4586 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-02 | **2E-05** |
| 24738 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.162 | 95UCL | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24738 NEPTUNE AVE | Ethylbenzene | µg/kg | 3450 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-03 | 7E-07 |
| 24738 NEPTUNE AVE | Naphthalene | mg/kg | 9.388 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-02 | **2E-06** |
| 24738 NEPTUNE AVE | Pyrene | mg/kg | 2.02 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24738 NEPTUNE AVE | Tetrachloroethene | µg/kg | 37 | Max | 8.6E+04 | 5.5E+02 | 4E-04 | 7E-08 |
| 24738 NEPTUNE AVE | Toluene | µg/kg | 9616 | 95UCL | 4.8E+06 | -- | 2E-03 | -- |
| 24738 NEPTUNE AVE | TPH as Diesel | mg/kg | 7281 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24738 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1137 | 95UCL | 7.6E+02 | -- | **2E+00** | -- |
| 24738 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7619 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24738 NEPTUNE AVE | Xylenes, Total | µg/kg | 28569 | 95UCL | 5.6E+05 | -- | 5E-02 | -- |
| 24738 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.36 | Max | 6.2E+05 | 4.7E+02 | 6E-07 | 8E-10 |
| 24738 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.435 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24738 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.26 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 24738 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.624 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 4E-08 |
| 24738 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.307 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24738 PANAMA AVE | Benzene | µg/kg | 0.196 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24738 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.43 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24738 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24738 PANAMA AVE | Ethylbenzene | µg/kg | 0.481 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-07 | 1E-10 |
| 24738 PANAMA AVE | Naphthalene | mg/kg | 0.0626 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-04 | 2E-08 |
| 24738 PANAMA AVE | Pyrene | mg/kg | 5.066 | 95UCL | 1.7E+03 | -- | 3E-03 | -- |
| 24738 PANAMA AVE | Toluene | µg/kg | 0.323 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24738 PANAMA AVE | TPH as Diesel | mg/kg | 2456 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24738 PANAMA AVE | TPH as Gasoline | mg/kg | 89 | Max | 7.6E+02 | -- | 1E-01 | -- |
| 24738 PANAMA AVE | TPH as Motor Oil | mg/kg | 4414 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24738 PANAMA AVE | Trichloroethene | µg/kg | 0.25 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24738 PANAMA AVE | Xylenes, Total | µg/kg | 0.884 | 95UCL | 5.6E+05 | -- | 2E-06 | -- |
| 24739 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.477 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 24739 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.18 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24739 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0485 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24739 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0659 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24739 NEPTUNE AVE | Benzene | µg/kg | 0.166 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 24739 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.42 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 24739 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24739 NEPTUNE AVE | Naphthalene | mg/kg | 0.0084 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24739 NEPTUNE AVE | Pyrene | mg/kg | 0.534 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24739 NEPTUNE AVE | Toluene | µg/kg | 0.188 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24739 NEPTUNE AVE | TPH as Diesel | mg/kg | 1854 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24739 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0799 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24739 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4178 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24739 NEPTUNE AVE | Trichloroethene | µg/kg | 0.18 | Max | 5.8E+03 | 1.2E+03 | 3E-05 | 2E-10 |
| 24739 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.222 | 95UCL | 5.6E+05 | -- | 4E-07 | -- |
| 24739 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 8766 | 95UCL | 8.3E+04 | -- | 1E-01 | -- |
| 24739 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 901.9 | 95UCL | 8.5E+04 | -- | 1E-02 | -- |
| 24739 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.5 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 2E-10 |
| 24739 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 6.731 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 4E-07 |
| 24739 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 11 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24739 PANAMA AVE | Benzene | µg/kg | 210.1 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-03 | 1E-06 |
| 24739 PANAMA AVE | Bromomethane | µg/kg | 530 | Max | 8.8E+03 | -- | 6E-02 | -- |
| 24739 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.24 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24739 PANAMA AVE | Ethylbenzene | µg/kg | 830.3 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-04 | 2E-07 |
| 24739 PANAMA AVE | Methylene Chloride | µg/kg | 5.379 | 95UCL | 3.6E+05 | 5.3E+03 | 2E-05 | 1E-09 |
| 24739 PANAMA AVE | Naphthalene | mg/kg | 5.859 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | **2E-06** |
| 24739 PANAMA AVE | Pyrene | mg/kg | 1.009 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24739 PANAMA AVE | Toluene | µg/kg | 39.67 | 95UCL | 4.8E+06 | -- | 8E-06 | -- |
| 24739 PANAMA AVE | TPH as Diesel | mg/kg | 5427 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24739 PANAMA AVE | TPH as Gasoline | mg/kg | 638.8 | 95UCL | 7.6E+02 | -- | 8E-01 | -- |
| 24739 PANAMA AVE | TPH as Motor Oil | mg/kg | 12972 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 24739 PANAMA AVE | Xylenes, Total | µg/kg | 2336 | 95UCL | 5.6E+05 | -- | 4E-03 | -- |
| 24739 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 7238 | 95UCL | 8.3E+04 | -- | 9E-02 | -- |
| 24739 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1421 | 95UCL | 8.5E+04 | -- | 2E-02 | -- |
| 24739 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.36 | Max | 3.6E+06 | 2.8E+03 | 1E-07 | 1E-10 |
| 24739 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 17.39 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-03 | 1E-06 |
| 24739 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 40.99 | 95UCL | 2.3E+02 | -- | 2E-01 | -- |
| 24739 RAVENNA AVE | Benzene | µg/kg | 2742 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-02 | **1E-05** |
| 24739 RAVENNA AVE | Ethylbenzene | µg/kg | 3486 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-03 | 7E-07 |
| 24739 RAVENNA AVE | Naphthalene | mg/kg | 16.31 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-01 | **4E-06** |
| 24739 RAVENNA AVE | Pyrene | mg/kg | 4.607 | 95UCL | 1.7E+03 | -- | 3E-03 | -- |
| 24739 RAVENNA AVE | Toluene | µg/kg | 2329 | 95UCL | 4.8E+06 | -- | 5E-04 | -- |
| 24739 RAVENNA AVE | TPH as Diesel | mg/kg | 13026 | 95UCL | 1.3E+03 | -- | **1E+01** | -- |
| 24739 RAVENNA AVE | TPH as Gasoline | mg/kg | 1309 | 95UCL | 7.6E+02 | -- | **2E+00** | -- |
| 24739 RAVENNA AVE | TPH as Motor Oil | mg/kg | 13882 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 24739 RAVENNA AVE | Xylenes, Total | µg/kg | 10321 | 95UCL | 5.6E+05 | -- | 2E-02 | -- |
| 24740 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.668 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-04 | 4E-08 |
| 24740 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.235 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24740 MARBELLA AVE | Benzene | µg/kg | 0.229 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24740 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.3 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 9E-09 |
| 24740 MARBELLA AVE | Bromomethane | µg/kg | 1.744 | 95UCL | 8.8E+03 | -- | 2E-04 | -- |
| 24740 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.282 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24740 MARBELLA AVE | Ethylbenzene | µg/kg | 0.18 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24740 MARBELLA AVE | Naphthalene | mg/kg | 0.0385 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24740 MARBELLA AVE | Pyrene | mg/kg | 0.981 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 24740 MARBELLA AVE | Toluene | µg/kg | 0.287 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24740 MARBELLA AVE | TPH as Diesel | mg/kg | 1863 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24740 MARBELLA AVE | TPH as Gasoline | mg/kg | 108.3 | 95UCL | 7.6E+02 | -- | 1E-01 | -- |
| 24740 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2499 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24740 MARBELLA AVE | Xylenes, Total | µg/kg | 0.223 | 95UCL | 5.6E+05 | -- | 4E-07 | -- |
| 24741 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0072 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 5E-10 |
| 24741 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0127 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 24741 MARBELLA AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24741 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.56 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24741 MARBELLA AVE | Naphthalene | mg/kg | 0.00594 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24741 MARBELLA AVE | Pyrene | mg/kg | 0.0305 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 24741 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.46 | Max | 8.6E+04 | 5.5E+02 | 5E-06 | 8E-10 |
| 24741 MARBELLA AVE | Toluene | µg/kg | 0.262 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24741 MARBELLA AVE | TPH as Diesel | mg/kg | 612.9 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24741 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.21 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24741 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1716 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24743 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2135 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24743 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 328.1 | 95UCL | 8.5E+04 | -- | 4E-03 | -- |
| 24743 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 7.807 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 5E-07 |
| 24743 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 11.47 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24743 RAVENNA AVE | Benzene | µg/kg | 257.6 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-03 | 1E-06 |
| 24743 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 6.9 | Max | 1.2E+03 | 3.5E+01 | 6E-03 | 2E-07 |
| 24743 RAVENNA AVE | Bromomethane | µg/kg | 1.2 | Max | 8.8E+03 | -- | 1E-04 | -- |
| 24743 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.555 | 95UCL | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24743 RAVENNA AVE | Ethylbenzene | µg/kg | 277.1 | 95UCL | 3.3E+06 | 4.8E+03 | 9E-05 | 6E-08 |
| 24743 RAVENNA AVE | Naphthalene | mg/kg | 4.852 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24743 RAVENNA AVE | Pyrene | mg/kg | 2.09 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24743 RAVENNA AVE | Toluene | µg/kg | 792.7 | 95UCL | 4.8E+06 | -- | 2E-04 | -- |
| 24743 RAVENNA AVE | TPH as Diesel | mg/kg | 7847 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 24743 RAVENNA AVE | TPH as Gasoline | mg/kg | 167.6 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24743 RAVENNA AVE | TPH as Motor Oil | mg/kg | 12402 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 24743 RAVENNA AVE | Xylenes, Total | µg/kg | 2155 | 95UCL | 5.6E+05 | -- | 4E-03 | -- |
| 24744 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.31 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24744 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 1.368 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 9E-08 |
| 24744 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 1.149 | 95UCL | 2.3E+02 | -- | 5E-03 | -- |
| 24744 MARBELLA AVE | Benzene | µg/kg | 0.22 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24744 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.25 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24744 MARBELLA AVE | Bromomethane | µg/kg | 2.5 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 24744 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.37 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24744 MARBELLA AVE | Naphthalene | mg/kg | 0.145 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 4E-08 |
| 24744 MARBELLA AVE | Pyrene | mg/kg | 0.785 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24744 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.6 | Max | 8.6E+04 | 5.5E+02 | 7E-06 | 1E-09 |
| 24744 MARBELLA AVE | Toluene | µg/kg | 0.15 | Max | 4.8E+06 | -- | 3E-08 | -- |
| 24744 MARBELLA AVE | TPH as Diesel | mg/kg | 5211 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24744 MARBELLA AVE | TPH as Gasoline | mg/kg | 1.1 | Max | 7.6E+02 | -- | 1E-03 | -- |
| 24744 MARBELLA AVE | TPH as Motor Oil | mg/kg | 9529 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24744 MARBELLA AVE | Trichloroethene | µg/kg | 0.21 | Max | 5.8E+03 | 1.2E+03 | 4E-05 | 2E-10 |
| 24748 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 903.4 | 95UCL | 8.3E+04 | -- | 1E-02 | -- |
| 24748 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 23.54 | 95UCL | 8.5E+04 | -- | 3E-04 | -- |
| 24748 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 8.64 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 6E-07 |
| 24748 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 21.29 | 95UCL | 2.3E+02 | -- | 9E-02 | -- |
| 24748 RAVENNA AVE | Benzene | µg/kg | 49.34 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-04 | 2E-07 |
| 24748 RAVENNA AVE | Bromomethane | µg/kg | 1.6 | Max | 8.8E+03 | -- | 2E-04 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24748 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24748 RAVENNA AVE | Ethylbenzene | µg/kg | 1869 | 95UCL | 3.3E+06 | 4.8E+03 | 6E-04 | 4E-07 |
| 24748 RAVENNA AVE | Naphthalene | mg/kg | 5.586 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | 1E-06 |
| 24748 RAVENNA AVE | Pyrene | mg/kg | 1.657 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24748 RAVENNA AVE | Toluene | µg/kg | 0.681 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24748 RAVENNA AVE | TPH as Diesel | mg/kg | 5023 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24748 RAVENNA AVE | TPH as Gasoline | mg/kg | 496.8 | 95UCL | 7.6E+02 | -- | 7E-01 | -- |
| 24748 RAVENNA AVE | TPH as Motor Oil | mg/kg | 5202 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24748 RAVENNA AVE | Xylenes, Total | µg/kg | 196.9 | 95UCL | 5.6E+05 | -- | 4E-04 | -- |
| 24749 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 429.8 | 95UCL | 8.3E+04 | -- | 5E-03 | -- |
| 24749 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 63.94 | 95UCL | 8.5E+04 | -- | 8E-04 | -- |
| 24749 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.498 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |
| 24749 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 4.562 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24749 RAVENNA AVE | Benzene | µg/kg | 56.25 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-04 | 3E-07 |
| 24749 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.5 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 24749 RAVENNA AVE | Ethylbenzene | µg/kg | 208.1 | 95UCL | 3.3E+06 | 4.8E+03 | 6E-05 | 4E-08 |
| 24749 RAVENNA AVE | Naphthalene | mg/kg | 0.994 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-03 | 3E-07 |
| 24749 RAVENNA AVE | Pyrene | mg/kg | 1.736 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |
| 24749 RAVENNA AVE | Toluene | µg/kg | 0.536 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24749 RAVENNA AVE | TPH as Diesel | mg/kg | 4670 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24749 RAVENNA AVE | TPH as Gasoline | mg/kg | 136.5 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24749 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6961 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24749 RAVENNA AVE | Xylenes, Total | µg/kg | 96.17 | 95UCL | 5.6E+05 | -- | 2E-04 | -- |
| 24752 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 471.2 | 95UCL | 8.3E+04 | -- | 6E-03 | -- |
| 24752 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 41.96 | 95UCL | 8.5E+04 | -- | 5E-04 | -- |
| 24752 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 7.163 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 5E-07 |
| 24752 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 16.18 | 95UCL | 2.3E+02 | -- | 7E-02 | -- |
| 24752 RAVENNA AVE | Benzene | µg/kg | 7.815 | 95UCL | 6.7E+04 | 2.2E+02 | 1E-04 | 4E-08 |
| 24752 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.63 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24752 RAVENNA AVE | Bromomethane | µg/kg | 340 | Max | 8.8E+03 | -- | 4E-02 | -- |
| 24752 RAVENNA AVE | Ethylbenzene | µg/kg | 95.7 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-05 | 2E-08 |
| 24752 RAVENNA AVE | Naphthalene | mg/kg | 6.239 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | **2E-06** |
| 24752 RAVENNA AVE | Pyrene | mg/kg | 1.152 | 95UCL | 1.7E+03 | -- | 7E-04 | -- |
| 24752 RAVENNA AVE | Toluene | µg/kg | 5.331 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24752 RAVENNA AVE | TPH as Diesel | mg/kg | 4756 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24752 RAVENNA AVE | TPH as Gasoline | mg/kg | 132 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24752 RAVENNA AVE | TPH as Motor Oil | mg/kg | 5195 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24752 RAVENNA AVE | Xylenes, Total | µg/kg | 130 | 95UCL | 5.6E+05 | -- | 2E-04 | -- |
| 24802 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2.143 | 95UCL | 8.3E+04 | -- | 3E-05 | -- |
| 24802 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 11 | Max | 8.5E+04 | -- | 1E-04 | -- |
| 24802 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.166 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-05 | 1E-08 |
| 24802 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.155 | 95UCL | 2.3E+02 | -- | 7E-04 | -- |
| 24802 PANAMA AVE | Benzene | µg/kg | 0.21 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24802 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 9.9 | Max | 1.2E+03 | 3.5E+01 | 8E-03 | 3E-07 |
| 24802 PANAMA AVE | Bromomethane | µg/kg | 160 | Max | 8.8E+03 | -- | 2E-02 | -- |
| 24802 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.254 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24802 PANAMA AVE | Ethylbenzene | µg/kg | 0.19 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24802 PANAMA AVE | Naphthalene | mg/kg | 0.0499 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24802 PANAMA AVE | Pyrene | mg/kg | 0.801 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24802 PANAMA AVE | Toluene | µg/kg | 1.386 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 24802 PANAMA AVE | TPH as Diesel | mg/kg | 2363 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24802 PANAMA AVE | TPH as Gasoline | mg/kg | 51.64 | 95UCL | 7.6E+02 | -- | 7E-02 | -- |
| 24802 PANAMA AVE | TPH as Motor Oil | mg/kg | 5189 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24802 PANAMA AVE | Trichloroethene | µg/kg | 0.36 | Max | 5.8E+03 | 1.2E+03 | 6E-05 | 3E-10 |
| 24802 PANAMA AVE | Xylenes, Total | µg/kg | 2.409 | 95UCL | 5.6E+05 | -- | 4E-06 | -- |
| 24803 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.27 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24803 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.092 | Max | 4.0E+03 | 1.6E+01 | 2E-05 | 6E-09 |
| 24803 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.048 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 24803 NEPTUNE AVE | Benzene | µg/kg | 0.244 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24803 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24803 NEPTUNE AVE | Naphthalene | mg/kg | 0.00495 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 24803 NEPTUNE AVE | Pyrene | mg/kg | 0.132 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |
| 24803 NEPTUNE AVE | Toluene | µg/kg | 0.319 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 24803 NEPTUNE AVE | TPH as Diesel | mg/kg | 1603 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 24803 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.22 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 24803 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3642 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24803 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.58 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 24803 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3908 | 95UCL | 8.3E+04 | -- | 5E-02 | -- |
| 24803 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 980 | Max | 8.5E+04 | -- | 1E-02 | -- |
| 24803 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 12.94 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-03 | 8E-07 |
| 24803 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 35 | 95UCL | 2.3E+02 | -- | 2E-01 | -- |
| 24803 PANAMA AVE | Benzene | µg/kg | 478.2 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-03 | **2E-06** |
| 24803 PANAMA AVE | Ethylbenzene | µg/kg | 3300 | Max | 3.3E+06 | 4.8E+03 | 1E-03 | 7E-07 |
| 24803 PANAMA AVE | Naphthalene | mg/kg | 7.139 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-02 | **2E-06** |
| 24803 PANAMA AVE | Pyrene | mg/kg | 1.342 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24803 PANAMA AVE | Toluene | µg/kg | 14.28 | 95UCL | 4.8E+06 | -- | 3E-06 | -- |
| 24803 PANAMA AVE | TPH as Diesel | mg/kg | 3071 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24803 PANAMA AVE | TPH as Gasoline | mg/kg | 272.9 | 95UCL | 7.6E+02 | -- | 4E-01 | -- |
| 24803 PANAMA AVE | TPH as Motor Oil | mg/kg | 3700 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24803 PANAMA AVE | Xylenes, Total | µg/kg | 1507 | 95UCL | 5.6E+05 | -- | 3E-03 | -- |
| 24808 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.016 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24808 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0278 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 24808 PANAMA AVE | Benzene | µg/kg | 0.479 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 24808 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.14 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 4E-09 |
| 24808 PANAMA AVE | Cadmium | mg/kg | 0.371 | Max | 7.0E+01 | 6.7E+04 | 5E-03 | 6E-12 |
| 24808 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24808 PANAMA AVE | Cobalt | mg/kg | 6.512 | 95UCL | 2.3E+01 | 3.1E+04 | 3E-01 | 2E-10 |
| 24808 PANAMA AVE | Copper | mg/kg | 10.65 | 95UCL | 3.1E+03 | -- | 3E-03 | -- |
| 24808 PANAMA AVE | Lead | mg/kg | 15.15 | 95UCL | 8.0E+01 | -- | 2E-01 | -- |
| 24808 PANAMA AVE | Naphthalene | mg/kg | 0.044 | Max | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24808 PANAMA AVE | Pyrene | mg/kg | 0.133 | 95UCL | 1.7E+03 | -- | 8E-05 | -- |
| 24808 PANAMA AVE | Toluene | µg/kg | 1.8 | Max | 4.8E+06 | -- | 4E-07 | -- |
| 24808 PANAMA AVE | TPH as Diesel | mg/kg | 683.9 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24808 PANAMA AVE | TPH as Gasoline | mg/kg | 0.102 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24808 PANAMA AVE | TPH as Motor Oil | mg/kg | 1725 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 24808 PANAMA AVE | Vanadium | mg/kg | 22.99 | 95UCL | 3.9E+02 | -- | 6E-02 | -- |
| 24808 PANAMA AVE | Xylenes, Total | µg/kg | 0.33 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 24808 PANAMA AVE | Zinc | mg/kg | 42.61 | 95UCL | 2.3E+04 | -- | 2E-03 | -- |
| 24809 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.249 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 24809 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.12 | Max | 4.0E+03 | 1.6E+01 | 3E-05 | 8E-09 |
| 24809 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0861 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24809 NEPTUNE AVE | Benzene | µg/kg | 0.132 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 6E-10 |
| 24809 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.747 | 95UCL | 1.2E+03 | 3.5E+01 | 1E-03 | 5E-08 |
| 24809 NEPTUNE AVE | Bromomethane | µg/kg | 5.1 | Max | 8.8E+03 | -- | 6E-04 | -- |
| 24809 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 24809 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.14 | Max | 3.3E+06 | 4.8E+03 | 4E-08 | 3E-11 |
| 24809 NEPTUNE AVE | Naphthalene | mg/kg | 0.00984 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-05 | 3E-09 |
| 24809 NEPTUNE AVE | Pyrene | mg/kg | 0.45 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24809 NEPTUNE AVE | Toluene | µg/kg | 0.301 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24809 NEPTUNE AVE | TPH as Diesel | mg/kg | 1105 | 95UCL | 1.3E+03 | -- | 9E-01 | -- |
| 24809 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.145 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 24809 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2809 | 95UCL | 3.3E+03 | -- | 9E-01 | -- |
| 24809 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.21 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 24809 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2619 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 24809 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 417.6 | 95UCL | 8.5E+04 | -- | 5E-03 | -- |
| 24809 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 6.439 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 4E-07 |
| 24809 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 17.53 | 95UCL | 2.3E+02 | -- | 8E-02 | -- |
| 24809 PANAMA AVE | Benzene | µg/kg | 253.6 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-03 | 1E-06 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24809 PANAMA AVE | Bromomethane | µg/kg | 750 | Max | 8.8E+03 | -- | 9E-02 | -- |
| 24809 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.159 | 95UCL | 2.3E+02 | 1.3E+00 | 7E-04 | 1E-07 |
| 24809 PANAMA AVE | Ethylbenzene | µg/kg | 738.4 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 2E-07 |
| 24809 PANAMA AVE | Naphthalene | mg/kg | 3.973 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24809 PANAMA AVE | Pyrene | mg/kg | 1.359 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24809 PANAMA AVE | Toluene | µg/kg | 26 | Max | 4.8E+06 | -- | 5E-06 | -- |
| 24809 PANAMA AVE | TPH as Diesel | mg/kg | 4543 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24809 PANAMA AVE | TPH as Gasoline | mg/kg | 256.1 | 95UCL | 7.6E+02 | -- | 3E-01 | -- |
| 24809 PANAMA AVE | TPH as Motor Oil | mg/kg | 4941 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24809 PANAMA AVE | Xylenes, Total | µg/kg | 985.5 | 95UCL | 5.6E+05 | -- | 2E-03 | -- |
| 24812 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.36 | Max | 6.2E+05 | 4.7E+02 | 6E-07 | 8E-10 |
| 24812 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.161 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 24812 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.17 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 6E-11 |
| 24812 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0236 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-06 | 2E-09 |
| 24812 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0688 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24812 PANAMA AVE | Benzene | µg/kg | 0.161 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24812 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24812 PANAMA AVE | Naphthalene | mg/kg | 0.03 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 24812 PANAMA AVE | Pyrene | mg/kg | 0.18 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 24812 PANAMA AVE | Toluene | µg/kg | 0.158 | 95UCL | 4.8E+06 | -- | 3E-08 | -- |
| 24812 PANAMA AVE | TPH as Diesel | mg/kg | 684.6 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24812 PANAMA AVE | TPH as Gasoline | mg/kg | 0.088 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 24812 PANAMA AVE | TPH as Motor Oil | mg/kg | 1002 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 24812 PANAMA AVE | Xylenes, Total | µg/kg | 0.18 | Max | 5.6E+05 | -- | 3E-07 | -- |
| 24813 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 582.2 | 95UCL | 8.3E+04 | -- | 7E-03 | -- |
| 24813 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 194.2 | 95UCL | 8.5E+04 | -- | 2E-03 | -- |
| 24813 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 8.123 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 5E-07 |
| 24813 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 21.4 | 95UCL | 2.3E+02 | -- | 9E-02 | -- |
| 24813 PANAMA AVE | Benzene | µg/kg | 20.86 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-04 | 1E-07 |
| 24813 PANAMA AVE | Cobalt | mg/kg | 9.869 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 24813 PANAMA AVE | Ethylbenzene | µg/kg | 547.2 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24813 PANAMA AVE | Naphthalene | mg/kg | 11.84 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-02 | **3E-06** |
| 24813 PANAMA AVE | Pyrene | mg/kg | 1.436 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24813 PANAMA AVE | Toluene | µg/kg | 1.5 | Max | 4.8E+06 | -- | 3E-07 | -- |
| 24813 PANAMA AVE | TPH as Diesel | mg/kg | 4660 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24813 PANAMA AVE | TPH as Gasoline | mg/kg | 150.9 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24813 PANAMA AVE | TPH as Motor Oil | mg/kg | 5424 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 24813 PANAMA AVE | Xylenes, Total | µg/kg | 260.8 | 95UCL | 5.6E+05 | -- | 5E-04 | -- |
| 24815 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 420 | Max | 8.3E+04 | -- | 5E-03 | -- |
| 24815 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 210 | Max | 8.5E+04 | -- | 3E-03 | -- |
| 24815 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.07 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-04 | 1E-07 |
| 24815 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 2.026 | 95UCL | 2.3E+02 | -- | 9E-03 | -- |
| 24815 NEPTUNE AVE | Benzene | µg/kg | 0.249 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24815 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.55 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24815 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24815 NEPTUNE AVE | Ethylbenzene | µg/kg | 71 | Max | 3.3E+06 | 4.8E+03 | 2E-05 | 2E-08 |
| 24815 NEPTUNE AVE | Naphthalene | mg/kg | 0.17 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 4E-08 |
| 24815 NEPTUNE AVE | Pyrene | mg/kg | 1.596 | 95UCL | 1.7E+03 | -- | 9E-04 | -- |
| 24815 NEPTUNE AVE | Toluene | µg/kg | 0.616 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 24815 NEPTUNE AVE | TPH as Diesel | mg/kg | 2185 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24815 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.226 | 95UCL | 7.6E+02 | -- | 3E-04 | -- |
| 24815 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4080 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24815 NEPTUNE AVE | Xylenes, Total | µg/kg | 170 | Max | 5.6E+05 | -- | 3E-04 | -- |
| 24818 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 420 | Max | 6.2E+05 | 4.7E+02 | 7E-04 | 9E-07 |
| 24818 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 123.6 | 95UCL | 8.3E+04 | -- | 2E-03 | -- |
| 24818 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 270 | Max | 8.5E+04 | -- | 3E-03 | -- |
| 24818 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 12.52 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-03 | 8E-07 |
| 24818 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 11.26 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24818 PANAMA AVE | Benzene | µg/kg | 0.425 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24818 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.26 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 24818 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.323 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 24818 PANAMA AVE | Ethylbenzene | µg/kg | 670 | Max | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24818 PANAMA AVE | Naphthalene | mg/kg | 1.617 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 4E-07 |
| 24818 PANAMA AVE | Pyrene | mg/kg | 26.13 | 95UCL | 1.7E+03 | -- | 2E-02 | -- |
| 24818 PANAMA AVE | Toluene | µg/kg | 6.822 | 95UCL | 4.8E+06 | -- | 1E-06 | -- |
| 24818 PANAMA AVE | TPH as Diesel | mg/kg | 9316 | 95UCL | 1.3E+03 | -- | **7E+00** | -- |
| 24818 PANAMA AVE | TPH as Gasoline | mg/kg | 137.8 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 24818 PANAMA AVE | TPH as Motor Oil | mg/kg | 12846 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 24818 PANAMA AVE | Xylenes, Total | µg/kg | 58.72 | 95UCL | 5.6E+05 | -- | 1E-04 | -- |
| 24819 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 1.3 | Max | 2.4E+03 | 2.1E+01 | 6E-04 | 6E-08 |
| 24819 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1421 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 24819 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 113.7 | 95UCL | 8.5E+04 | -- | 1E-03 | -- |
| 24819 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 7.254 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 5E-07 |
| 24819 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 11.79 | 95UCL | 2.3E+02 | -- | 5E-02 | -- |
| 24819 PANAMA AVE | Benzene | µg/kg | 418.5 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-03 | **2E-06** |
| 24819 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.9 | Max | 1.2E+03 | 3.5E+01 | 2E-03 | 6E-08 |
| 24819 PANAMA AVE | Bromomethane | µg/kg | 250 | Max | 8.8E+03 | -- | 3E-02 | -- |
| 24819 PANAMA AVE | Ethylbenzene | µg/kg | 635.9 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-04 | 1E-07 |
| 24819 PANAMA AVE | Naphthalene | mg/kg | 4.333 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-02 | 1E-06 |
| 24819 PANAMA AVE | Pyrene | mg/kg | 0.508 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24819 PANAMA AVE | Toluene | µg/kg | 7.027 | 95UCL | 4.8E+06 | -- | 2E-06 | -- |
| 24819 PANAMA AVE | TPH as Diesel | mg/kg | 3735 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 24819 PANAMA AVE | TPH as Gasoline | mg/kg | 430.4 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 24819 PANAMA AVE | TPH as Motor Oil | mg/kg | 3923 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 24819 PANAMA AVE | Xylenes, Total | µg/kg | 1344 | 95UCL | 5.6E+05 | -- | 2E-03 | -- |
| 24822 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 1.1 | Max | 2.4E+03 | 2.1E+01 | 5E-04 | 5E-08 |
| 24822 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 7.179 | 95UCL | 8.3E+04 | -- | 9E-05 | -- |
| 24822 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.377 | 95UCL | 8.5E+04 | -- | 5E-06 | -- |
| 24822 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 3.165 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 24822 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 4.487 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 24822 PANAMA AVE | Benzene | µg/kg | 1.384 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-05 | 6E-09 |
| 24822 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.63 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 24822 PANAMA AVE | Bromomethane | µg/kg | 1.8 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24822 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.267 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24822 PANAMA AVE | Ethylbenzene | µg/kg | 6.279 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-06 | 1E-09 |
| 24822 PANAMA AVE | Naphthalene | mg/kg | 1.228 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-03 | 3E-07 |
| 24822 PANAMA AVE | Pyrene | mg/kg | 0.694 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24822 PANAMA AVE | Toluene | µg/kg | 0.295 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24822 PANAMA AVE | TPH as Diesel | mg/kg | 8659 | 95UCL | 1.3E+03 | -- | **7E+00** | -- |
| 24822 PANAMA AVE | TPH as Gasoline | mg/kg | 45.21 | 95UCL | 7.6E+02 | -- | 6E-02 | -- |
| 24822 PANAMA AVE | TPH as Motor Oil | mg/kg | 15049 | 95UCL | 3.3E+03 | -- | **5E+00** | -- |
| 24822 PANAMA AVE | Xylenes, Total | µg/kg | 29.49 | 95UCL | 5.6E+05 | -- | 5E-05 | -- |
| 24823 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 159.5 | 95UCL | 8.3E+04 | -- | 2E-03 | -- |
| 24823 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 10 | Max | 8.5E+04 | -- | 1E-04 | -- |
| 24823 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.352 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 9E-08 |
| 24823 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.665 | 95UCL | 2.3E+02 | -- | 7E-03 | -- |
| 24823 PANAMA AVE | Benzene | µg/kg | 0.222 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24823 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.45 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 24823 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.127 | 95UCL | 2.3E+02 | 1.3E+00 | 5E-04 | 1E-07 |
| 24823 PANAMA AVE | Ethylbenzene | µg/kg | 75.1 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-05 | 2E-08 |
| 24823 PANAMA AVE | Naphthalene | mg/kg | 0.457 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-03 | 1E-07 |
| 24823 PANAMA AVE | Pyrene | mg/kg | 0.421 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24823 PANAMA AVE | Toluene | µg/kg | 0.208 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24823 PANAMA AVE | TPH as Diesel | mg/kg | 2016 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 24823 PANAMA AVE | TPH as Gasoline | mg/kg | 110 | 95UCL | 7.6E+02 | -- | 1E-01 | -- |
| 24823 PANAMA AVE | TPH as Motor Oil | mg/kg | 2511 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 24823 PANAMA AVE | Xylenes, Total | µg/kg | 14.61 | 95UCL | 5.6E+05 | -- | 3E-05 | -- |
| 24825 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.47 | Max | 8.3E+04 | -- | 6E-06 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24825 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.24 | Max | 3.6E+06 | 2.8E+03 | 7E-08 | 9E-11 |
| 24825 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00393 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 24825 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0177 | 95UCL | 2.3E+02 | -- | 8E-05 | -- |
| 24825 NEPTUNE AVE | Benzene | µg/kg | 0.157 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 24825 NEPTUNE AVE | Bromomethane | µg/kg | 2.9 | 95UCL | 8.8E+03 | -- | 3E-04 | -- |
| 24825 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.262 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24825 NEPTUNE AVE | Naphthalene | mg/kg | 0.00845 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-05 | 2E-09 |
| 24825 NEPTUNE AVE | Pyrene | mg/kg | 0.0537 | 95UCL | 1.7E+03 | -- | 3E-05 | -- |
| 24825 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.28 | Max | 8.6E+04 | 5.5E+02 | 3E-06 | 5E-10 |
| 24825 NEPTUNE AVE | Toluene | µg/kg | 1.013 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 24825 NEPTUNE AVE | TPH as Diesel | mg/kg | 163.1 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 24825 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.293 | 95UCL | 7.6E+02 | -- | 4E-04 | -- |
| 24825 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 603 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 24825 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.29 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 24828 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.4 | Max | 8.3E+04 | -- | 2E-05 | -- |
| 24828 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0168 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 24828 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0699 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 24828 PANAMA AVE | Benzene | µg/kg | 0.208 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24828 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.12 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 4E-09 |
| 24828 PANAMA AVE | Bromodichloromethane | µg/kg | 0.37 | Max | 4.3E+05 | 4.9E+02 | 9E-07 | 8E-10 |
| 24828 PANAMA AVE | Ethylbenzene | µg/kg | 0.79 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 2E-10 |
| 24828 PANAMA AVE | Methylene Chloride | µg/kg | 1.5 | Max | 3.6E+05 | 5.3E+03 | 4E-06 | 3E-10 |
| 24828 PANAMA AVE | Naphthalene | mg/kg | 0.0065 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 24828 PANAMA AVE | Pyrene | mg/kg | 3.143 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 24828 PANAMA AVE | TPH as Diesel | mg/kg | 19306 | 95UCL | 1.3E+03 | -- | **2E+01** | -- |
| 24828 PANAMA AVE | TPH as Gasoline | mg/kg | 3.626 | 95UCL | 7.6E+02 | -- | 5E-03 | -- |
| 24828 PANAMA AVE | TPH as Motor Oil | mg/kg | 32562 | 95UCL | 3.3E+03 | -- | **1E+01** | -- |
| 24828 PANAMA AVE | Xylenes, Total | µg/kg | 1.8 | Max | 5.6E+05 | -- | 3E-06 | -- |
| 24829 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 123.5 | 95UCL | 8.3E+04 | -- | 2E-03 | -- |
| 24829 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 32.27 | 95UCL | 8.5E+04 | -- | 4E-04 | -- |
| 24829 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.12 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 8E-09 |
| 24829 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.296 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 24829 PANAMA AVE | Benzene | µg/kg | 3.3 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-05 | 2E-08 |
| 24829 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 22 | Max | 1.2E+03 | 3.5E+01 | 2E-02 | 6E-07 |
| 24829 PANAMA AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24829 PANAMA AVE | Ethylbenzene | µg/kg | 43.75 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-05 | 9E-09 |
| 24829 PANAMA AVE | Naphthalene | mg/kg | 0.197 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 5E-08 |
| 24829 PANAMA AVE | Pyrene | mg/kg | 0.442 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 24829 PANAMA AVE | Toluene | µg/kg | 0.228 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 24829 PANAMA AVE | TPH as Diesel | mg/kg | 756.5 | 95UCL | 1.3E+03 | -- | 6E-01 | -- |
| 24829 PANAMA AVE | TPH as Gasoline | mg/kg | 16.79 | 95UCL | 7.6E+02 | -- | 2E-02 | -- |
| 24829 PANAMA AVE | TPH as Motor Oil | mg/kg | 1293 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24829 PANAMA AVE | Xylenes, Total | µg/kg | 43.51 | 95UCL | 5.6E+05 | -- | 8E-05 | -- |
| 24832 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.575 | 95UCL | 8.3E+04 | -- | 7E-06 | -- |
| 24832 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.165 | 95UCL | 8.5E+04 | -- | 2E-06 | -- |
| 24832 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0144 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-06 | 9E-10 |
| 24832 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.091 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 24832 PANAMA AVE | Benzene | µg/kg | 0.207 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 24832 PANAMA AVE | Bromomethane | µg/kg | 2.1 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24832 PANAMA AVE | Ethylbenzene | µg/kg | 0.44 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 9E-11 |
| 24832 PANAMA AVE | Naphthalene | mg/kg | 0.0397 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 24832 PANAMA AVE | Pyrene | mg/kg | 0.71 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 24832 PANAMA AVE | Toluene | µg/kg | 0.212 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24832 PANAMA AVE | TPH as Diesel | mg/kg | 897.4 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24832 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0896 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24832 PANAMA AVE | TPH as Motor Oil | mg/kg | 1436 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24832 PANAMA AVE | Vinyl Chloride | µg/kg | 0.305 | 95UCL | 7.4E+04 | 3.2E+01 | 4E-06 | 1E-08 |
| 24832 PANAMA AVE | Xylenes, Total | µg/kg | 0.544 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 24833 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 7.113 | 95UCL | 8.3E+04 | -- | 9E-05 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24833 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 47 | Max | 8.5E+04 | -- | 6E-04 | -- |
| 24833 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.287 | 95UCL | 4.0E+03 | 1.6E+01 | 7E-05 | 2E-08 |
| 24833 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.477 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24833 PANAMA AVE | Benzene | µg/kg | 2.182 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-05 | 1E-08 |
| 24833 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 7E-09 |
| 24833 PANAMA AVE | Bromomethane | µg/kg | 2 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 24833 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24833 PANAMA AVE | Ethylbenzene | µg/kg | 22 | Max | 3.3E+06 | 4.8E+03 | 7E-06 | 5E-09 |
| 24833 PANAMA AVE | Naphthalene | mg/kg | 0.126 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-04 | 3E-08 |
| 24833 PANAMA AVE | Pyrene | mg/kg | 0.777 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 24833 PANAMA AVE | Toluene | µg/kg | 2.724 | 95UCL | 4.8E+06 | -- | 6E-07 | -- |
| 24833 PANAMA AVE | TPH as Diesel | mg/kg | 892 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 24833 PANAMA AVE | TPH as Gasoline | mg/kg | 0.361 | 95UCL | 7.6E+02 | -- | 5E-04 | -- |
| 24833 PANAMA AVE | TPH as Motor Oil | mg/kg | 1403 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24833 PANAMA AVE | Xylenes, Total | µg/kg | 43 | Max | 5.6E+05 | -- | 8E-05 | -- |
| 24838 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.441 | 95UCL | 8.3E+04 | -- | 5E-06 | -- |
| 24838 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.15 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 24838 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.043 | Max | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 24838 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.143 | 95UCL | 2.3E+02 | -- | 6E-04 | -- |
| 24838 PANAMA AVE | Benzene | µg/kg | 0.367 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 24838 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.47 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 24838 PANAMA AVE | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 24838 PANAMA AVE | Methylene Chloride | µg/kg | 29 | Max | 3.6E+05 | 5.3E+03 | 8E-05 | 6E-09 |
| 24838 PANAMA AVE | Naphthalene | mg/kg | 0.0234 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 6E-09 |
| 24838 PANAMA AVE | Pyrene | mg/kg | 1.407 | 95UCL | 1.7E+03 | -- | 8E-04 | -- |
| 24838 PANAMA AVE | Toluene | µg/kg | 0.299 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 24838 PANAMA AVE | TPH as Diesel | mg/kg | 4634 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 24838 PANAMA AVE | TPH as Gasoline | mg/kg | 0.092 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 24838 PANAMA AVE | TPH as Motor Oil | mg/kg | 11088 | 95UCL | 3.3E+03 | -- | **3E+00** | -- |
| 24838 PANAMA AVE | Xylenes, Total | µg/kg | 0.266 | 95UCL | 5.6E+05 | -- | 5E-07 | -- |
| 24904 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.574 | 95UCL | 8.3E+04 | -- | 2E-05 | -- |
| 24904 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 1 | Max | 8.5E+04 | -- | 1E-05 | -- |
| 24904 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.234 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-05 | 2E-08 |
| 24904 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.352 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 24904 NEPTUNE AVE | Benzene | µg/kg | 0.229 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 24904 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 24904 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24904 NEPTUNE AVE | Ethylbenzene | µg/kg | 3.1 | Max | 3.3E+06 | 4.8E+03 | 1E-06 | 7E-10 |
| 24904 NEPTUNE AVE | Naphthalene | mg/kg | 0.0864 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-04 | 2E-08 |
| 24904 NEPTUNE AVE | Pyrene | mg/kg | 0.415 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 24904 NEPTUNE AVE | Toluene | µg/kg | 0.169 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 24904 NEPTUNE AVE | TPH as Diesel | mg/kg | 584.6 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 24904 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.27 | 95UCL | 7.6E+02 | -- | 4E-04 | -- |
| 24904 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1370 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 24904 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.378 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 24912 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.35 | Max | 8.3E+04 | -- | 4E-06 | -- |
| 24912 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 3.6E+06 | 2.8E+03 | 6E-08 | 7E-11 |
| 24912 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00337 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-07 | 2E-10 |
| 24912 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0161 | 95UCL | 2.3E+02 | -- | 7E-05 | -- |
| 24912 NEPTUNE AVE | Benzene | µg/kg | 0.27 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 24912 NEPTUNE AVE | Bromomethane | µg/kg | 3.3 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 24912 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.267 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 24912 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 24912 NEPTUNE AVE | Naphthalene | mg/kg | 0.00564 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 24912 NEPTUNE AVE | Pyrene | mg/kg | 0.111 | 95UCL | 1.7E+03 | -- | 7E-05 | -- |
| 24912 NEPTUNE AVE | Toluene | µg/kg | 0.406 | 95UCL | 4.8E+06 | -- | 9E-08 | -- |
| 24912 NEPTUNE AVE | TPH as Diesel | mg/kg | 71.72 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 24912 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.071 | Max | 7.6E+02 | -- | 9E-05 | -- |
| 24912 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 208.8 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24912 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.53 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 301 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.793 | 95UCL | 8.3E+04 | -- | 1E-05 | -- |
| 301 244TH ST | 1-Methylnaphthalene | mg/kg | 0.015 | Max | 4.0E+03 | 1.6E+01 | 4E-06 | 1E-09 |
| 301 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0255 | 95UCL | 2.3E+02 | -- | 1E-04 | -- |
| 301 244TH ST | Benzene | µg/kg | 0.273 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 301 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.514 | 95UCL | 1.2E+03 | 3.5E+01 | 4E-04 | 2E-08 |
| 301 244TH ST | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 301 244TH ST | Cobalt | mg/kg | 11.11 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 301 244TH ST | Naphthalene | mg/kg | 0.00652 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 2E-09 |
| 301 244TH ST | Pyrene | mg/kg | 0.215 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 301 244TH ST | Tetrachloroethene | µg/kg | 0.62 | Max | 8.6E+04 | 5.5E+02 | 7E-06 | 1E-09 |
| 301 244TH ST | Toluene | µg/kg | 0.391 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 301 244TH ST | TPH as Diesel | mg/kg | 192.8 | 95UCL | 1.3E+03 | -- | 2E-01 | -- |
| 301 244TH ST | TPH as Gasoline | mg/kg | 0.105 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 301 244TH ST | TPH as Motor Oil | mg/kg | 505 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 301 244TH ST | Xylenes, Total | µg/kg | 0.37 | Max | 5.6E+05 | -- | 7E-07 | -- |
| 305 244TH ST | 1,2,3-Trichloropropane | µg/kg | 0.6 | Max | 2.4E+03 | 2.1E+01 | 3E-04 | 3E-08 |
| 305 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 670 | Max | 8.3E+04 | -- | 8E-03 | -- |
| 305 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 210 | Max | 8.5E+04 | -- | 3E-03 | -- |
| 305 244TH ST | 1-Methylnaphthalene | mg/kg | 2.544 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |
| 305 244TH ST | 2-Methylnaphthalene | mg/kg | 2.978 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 305 244TH ST | Benzene | µg/kg | 0.165 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 305 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 2.4 | Max | 1.2E+03 | 3.5E+01 | 2E-03 | 7E-08 |
| 305 244TH ST | Chromium, Hexavalent | mg/kg | 0.268 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 305 244TH ST | Cobalt | mg/kg | 11.38 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 305 244TH ST | Ethylbenzene | µg/kg | 120 | Max | 3.3E+06 | 4.8E+03 | 4E-05 | 3E-08 |
| 305 244TH ST | Naphthalene | mg/kg | 0.178 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-03 | 5E-08 |
| 305 244TH ST | Pyrene | mg/kg | 13.67 | 95UCL | 1.7E+03 | -- | 8E-03 | -- |
| 305 244TH ST | Tetrachloroethene | µg/kg | 0.48 | Max | 8.6E+04 | 5.5E+02 | 6E-06 | 9E-10 |
| 305 244TH ST | Toluene | µg/kg | 11.35 | 95UCL | 4.8E+06 | -- | 2E-06 | -- |
| 305 244TH ST | TPH as Diesel | mg/kg | 16764 | 95UCL | 1.3E+03 | -- | **1E+01** | -- |
| 305 244TH ST | TPH as Gasoline | mg/kg | 11.77 | 95UCL | 7.6E+02 | -- | 2E-02 | -- |
| 305 244TH ST | TPH as Motor Oil | mg/kg | 34122 | 95UCL | 3.3E+03 | -- | **1E+01** | -- |
| 305 244TH ST | Xylenes, Total | µg/kg | 670 | Max | 5.6E+05 | -- | 1E-03 | -- |
| 311 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 307.7 | 95UCL | 8.3E+04 | -- | 4E-03 | -- |
| 311 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 123.4 | 95UCL | 8.5E+04 | -- | 2E-03 | -- |
| 311 244TH ST | 1-Methylnaphthalene | mg/kg | 9.516 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 6E-07 |
| 311 244TH ST | 2-Methylnaphthalene | mg/kg | 17.1 | 95UCL | 2.3E+02 | -- | 8E-02 | -- |
| 311 244TH ST | Benzene | µg/kg | 17.43 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-04 | 8E-08 |
| 311 244TH ST | Benzo (a) Anthracene | mg/kg | 7.19 | 95UCL | -- | 1.6E+00 | -- | **5E-06** |
| 311 244TH ST | Benzo (a) Pyrene | mg/kg | 3.808 | 95UCL | -- | 1.6E-01 | -- | **2E-05** |
| 311 244TH ST | Benzo (b) Fluoranthene | mg/kg | 2.297 | 95UCL | -- | 1.6E+00 | -- | **2E-06** |
| 311 244TH ST | Benzo (k) Fluoranthene | mg/kg | 0.00799 | 95UCL | -- | 1.6E+00 | -- | 5E-09 |
| 311 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.366 | 95UCL | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 311 244TH ST | Chromium, Hexavalent | mg/kg | 0.191 | 95UCL | 2.3E+02 | 1.3E+00 | 8E-04 | 2E-07 |
| 311 244TH ST | Chrysene | mg/kg | 20.13 | 95UCL | -- | 1.6E+01 | -- | 1E-06 |
| 311 244TH ST | Cobalt | mg/kg | 9.958 | 95UCL | 2.3E+01 | 3.1E+04 | 4E-01 | 3E-10 |
| 311 244TH ST | Dibenz (a,h) Anthracene | mg/kg | 0.0122 | 95UCL | -- | 1.1E-01 | -- | 1E-07 |
| 311 244TH ST | Ethylbenzene | µg/kg | 86.67 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-05 | 2E-08 |
| 311 244TH ST | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.313 | 95UCL | -- | 1.6E+00 | -- | 2E-07 |
| 311 244TH ST | Naphthalene | mg/kg | 2.979 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 8E-07 |
| 311 244TH ST | Pyrene | mg/kg | 36.76 | 95UCL | 1.7E+03 | -- | 2E-02 | -- |
| 311 244TH ST | Toluene | µg/kg | 42.14 | 95UCL | 4.8E+06 | -- | 9E-06 | -- |
| 311 244TH ST | TPH as Diesel | mg/kg | 30858 | 95UCL | 1.3E+03 | -- | **2E+01** | -- |
| 311 244TH ST | TPH as Gasoline | mg/kg | 79.14 | 95UCL | 7.6E+02 | -- | 1E-01 | -- |
| 311 244TH ST | TPH as Motor Oil | mg/kg | 61007 | 95UCL | 3.3E+03 | -- | **2E+01** | -- |
| 311 244TH ST | Vanadium | mg/kg | 36.05 | 95UCL | 3.9E+02 | -- | 9E-02 | -- |
| 311 244TH ST | Xylenes, Total | µg/kg | 253.1 | 95UCL | 5.6E+05 | -- | 5E-04 | -- |
| 317 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.155 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 317 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.16 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 317 244TH ST | 1-Methylnaphthalene | mg/kg | 2.219 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 1E-07 |
| 317 244TH ST | 2-Methylnaphthalene | mg/kg | 3.361 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 317 244TH ST | Benzene | µg/kg | 0.259 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 317 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.64 | Max | 1.2E+03 | 3.5E+01 | 5E-04 | 2E-08 |
| 317 244TH ST | Bromodichloromethane | µg/kg | 1.1 | Max | 4.3E+05 | 4.9E+02 | 3E-06 | 2E-09 |
| 317 244TH ST | Cobalt | mg/kg | 10.61 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 3E-10 |
| 317 244TH ST | Naphthalene | mg/kg | 0.274 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-03 | 7E-08 |
| 317 244TH ST | Pyrene | mg/kg | 26.2 | 95UCL | 1.7E+03 | -- | 2E-02 | -- |
| 317 244TH ST | Toluene | µg/kg | 0.29 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 317 244TH ST | TPH as Diesel | mg/kg | 15543 | 95UCL | 1.3E+03 | -- | **1E+01** | -- |
| 317 244TH ST | TPH as Gasoline | mg/kg | 0.117 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 317 244TH ST | TPH as Motor Oil | mg/kg | 30073 | 95UCL | 3.3E+03 | -- | **9E+00** | -- |
| 317 244TH ST | Xylenes, Total | µg/kg | 0.31 | Max | 5.6E+05 | -- | 6E-07 | -- |
| 321 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.19 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 321 244TH ST | 1-Methylnaphthalene | mg/kg | 0.00406 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 321 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00704 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 321 244TH ST | Benzene | µg/kg | 0.223 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 1E-09 |
| 321 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 321 244TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 321 244TH ST | Cobalt | mg/kg | 13.16 | 95UCL | 2.3E+01 | 3.1E+04 | 6E-01 | 4E-10 |
| 321 244TH ST | Naphthalene | mg/kg | 0.00443 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 321 244TH ST | Pyrene | mg/kg | 0.0321 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 321 244TH ST | Toluene | µg/kg | 1.595 | 95UCL | 4.8E+06 | -- | 3E-07 | -- |
| 321 244TH ST | TPH as Diesel | mg/kg | 67.06 | 95UCL | 1.3E+03 | -- | 5E-02 | -- |
| 321 244TH ST | TPH as Gasoline | mg/kg | 0.078 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 321 244TH ST | TPH as Motor Oil | mg/kg | 136.2 | 95UCL | 3.3E+03 | -- | 4E-02 | -- |
| 321 244TH ST | Vanadium | mg/kg | 44.56 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 321 244TH ST | Xylenes, Total | µg/kg | 0.72 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 327 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00288 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 327 244TH ST | Benzene | µg/kg | 0.144 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 327 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 327 244TH ST | Chromium, Hexavalent | mg/kg | 0.76 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 327 244TH ST | Cobalt | mg/kg | 11.34 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 327 244TH ST | Naphthalene | mg/kg | 0.0014 | Max | 1.5E+02 | 4.0E+00 | 9E-06 | 4E-10 |
| 327 244TH ST | Pyrene | mg/kg | 0.00716 | 95UCL | 1.7E+03 | -- | 4E-06 | -- |
| 327 244TH ST | Toluene | µg/kg | 0.23 | Max | 4.8E+06 | -- | 5E-08 | -- |
| 327 244TH ST | TPH as Diesel | mg/kg | 80.11 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 327 244TH ST | TPH as Gasoline | mg/kg | 0.056 | Max | 7.6E+02 | -- | 7E-05 | -- |
| 327 244TH ST | TPH as Motor Oil | mg/kg | 146.2 | 95UCL | 3.3E+03 | -- | 4E-02 | -- |
| 327 244TH ST | Vanadium | mg/kg | 39.48 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 331 244TH ST | 1-Methylnaphthalene | mg/kg | 0.00194 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-07 | 1E-10 |
| 331 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00279 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 331 244TH ST | Benzene | µg/kg | 0.246 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 331 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.73 | Max | 1.2E+03 | 3.5E+01 | 6E-04 | 2E-08 |
| 331 244TH ST | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 5E-07 |
| 331 244TH ST | Cobalt | mg/kg | 12.2 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 331 244TH ST | Naphthalene | mg/kg | 0.00205 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 331 244TH ST | Pyrene | mg/kg | 0.0143 | 95UCL | 1.7E+03 | -- | 8E-06 | -- |
| 331 244TH ST | Toluene | µg/kg | 0.237 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 331 244TH ST | TPH as Diesel | mg/kg | 65.38 | 95UCL | 1.3E+03 | -- | 5E-02 | -- |
| 331 244TH ST | TPH as Gasoline | mg/kg | 0.0769 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 331 244TH ST | TPH as Motor Oil | mg/kg | 242.4 | 95UCL | 3.3E+03 | -- | 7E-02 | -- |
| 331 244TH ST | Vanadium | mg/kg | 38.31 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 337 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.19 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 337 244TH ST | 1-Methylnaphthalene | mg/kg | 0.00338 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-07 | 2E-10 |
| 337 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00612 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 337 244TH ST | Benzene | µg/kg | 0.195 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 337 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.422 | 95UCL | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 337 244TH ST | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 337 244TH ST | Cobalt | mg/kg | 11.18 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 337 244TH ST | Ethylbenzene | µg/kg | 0.35 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 7E-11 |
| 337 244TH ST | Naphthalene | mg/kg | 0.00569 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-05 | 1E-09 |
| 337 244TH ST | Pyrene | mg/kg | 0.0368 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 337 244TH ST | Toluene | µg/kg | 0.253 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 337 244TH ST | TPH as Diesel | mg/kg | 487.3 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 337 244TH ST | TPH as Gasoline | mg/kg | 2.034 | 95UCL | 7.6E+02 | -- | 3E-03 | -- |
| 337 244TH ST | TPH as Motor Oil | mg/kg | 665.7 | 95UCL | 3.3E+03 | -- | 2E-01 | -- |
| 337 244TH ST | Vanadium | mg/kg | 39.33 | 95UCL | 3.9E+02 | -- | 1E-01 | -- |
| 337 244TH ST | Xylenes, Total | µg/kg | 0.2 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 341 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.164 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 341 244TH ST | 1,4-Dichlorobenzene | µg/kg | 0.29 | Max | 3.6E+06 | 2.8E+03 | 8E-08 | 1E-10 |
| 341 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0056 | Max | 4.0E+03 | 1.6E+01 | 1E-06 | 4E-10 |
| 341 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00363 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 341 244TH ST | Benzene | µg/kg | 0.186 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 341 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.86 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 3E-08 |
| 341 244TH ST | Bromomethane | µg/kg | 5.6 | Max | 8.8E+03 | -- | 6E-04 | -- |
| 341 244TH ST | Chromium, Hexavalent | mg/kg | 0.56 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 341 244TH ST | Cobalt | mg/kg | 12.2 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 341 244TH ST | Naphthalene | mg/kg | 0.00229 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 6E-10 |
| 341 244TH ST | Pyrene | mg/kg | 0.0306 | 95UCL | 1.7E+03 | -- | 2E-05 | -- |
| 341 244TH ST | Toluene | µg/kg | 0.22 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 341 244TH ST | TPH as Diesel | mg/kg | 45.28 | 95UCL | 1.3E+03 | -- | 4E-02 | -- |
| 341 244TH ST | TPH as Gasoline | mg/kg | 0.0798 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 341 244TH ST | TPH as Motor Oil | mg/kg | 108.2 | 95UCL | 3.3E+03 | -- | 3E-02 | -- |
| 341 244TH ST | Xylenes, Total | µg/kg | 0.45 | Max | 5.6E+05 | -- | 8E-07 | -- |
| 344 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.276 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 344 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | Max | 8.5E+04 | -- | 1E-06 | -- |
| 344 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0425 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 344 249TH ST | 2-Methylnaphthalene | mg/kg | 0.11 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 344 249TH ST | Benzene | µg/kg | 0.397 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 344 249TH ST | Ethylbenzene | µg/kg | 0.2 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 344 249TH ST | Naphthalene | mg/kg | 0.012 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 344 249TH ST | Pyrene | mg/kg | 0.699 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 344 249TH ST | Toluene | µg/kg | 0.242 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 344 249TH ST | TPH as Diesel | mg/kg | 997.6 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 344 249TH ST | TPH as Gasoline | mg/kg | 0.12 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 344 249TH ST | TPH as Motor Oil | mg/kg | 2395 | 95UCL | 3.3E+03 | -- | 7E-01 | -- |
| 344 249TH ST | Xylenes, Total | µg/kg | 0.404 | 95UCL | 5.6E+05 | -- | 7E-07 | -- |
| 345 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.203 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 345 249TH ST | 1-Methylnaphthalene | mg/kg | 0.391 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-04 | 3E-08 |
| 345 249TH ST | 2-Methylnaphthalene | mg/kg | 0.388 | 95UCL | 2.3E+02 | -- | 2E-03 | -- |
| 345 249TH ST | Benzene | µg/kg | 0.182 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 345 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.44 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 345 249TH ST | Chromium, Hexavalent | mg/kg | 0.265 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 345 249TH ST | Ethylbenzene | µg/kg | 0.16 | Max | 3.3E+06 | 4.8E+03 | 5E-08 | 3E-11 |
| 345 249TH ST | Naphthalene | mg/kg | 0.0761 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-04 | 2E-08 |
| 345 249TH ST | Pyrene | mg/kg | 0.321 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 345 249TH ST | Toluene | µg/kg | 0.307 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 345 249TH ST | TPH as Diesel | mg/kg | 693.9 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 345 249TH ST | TPH as Gasoline | mg/kg | 0.115 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 345 249TH ST | TPH as Motor Oil | mg/kg | 1505 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 345 249TH ST | Xylenes, Total | µg/kg | 0.214 | 95UCL | 5.6E+05 | -- | 4E-07 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 347 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.219 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 347 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.13 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 347 244TH ST | 1-Methylnaphthalene | mg/kg | 0.011 | Max | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 347 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00471 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 347 244TH ST | Benzene | µg/kg | 0.184 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 347 244TH ST | Chromium, Hexavalent | mg/kg | 0.48 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 4E-07 |
| 347 244TH ST | Cobalt | mg/kg | 11.9 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 347 244TH ST | Naphthalene | mg/kg | 0.00257 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 7E-10 |
| 347 244TH ST | Pyrene | mg/kg | 0.0128 | 95UCL | 1.7E+03 | -- | 8E-06 | -- |
| 347 244TH ST | Toluene | µg/kg | 0.316 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 347 244TH ST | TPH as Diesel | mg/kg | 83.56 | 95UCL | 1.3E+03 | -- | 6E-02 | -- |
| 347 244TH ST | TPH as Gasoline | mg/kg | 0.096 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 347 244TH ST | TPH as Motor Oil | mg/kg | 253.2 | 95UCL | 3.3E+03 | -- | 8E-02 | -- |
| 347 244TH ST | Xylenes, Total | µg/kg | 0.23 | Max | 5.6E+05 | -- | 4E-07 | -- |
| 348 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 453.7 | 95UCL | 8.3E+04 | -- | 6E-03 | -- |
| 348 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 130.9 | 95UCL | 8.5E+04 | -- | 2E-03 | -- |
| 348 248TH ST | 1-Methylnaphthalene | mg/kg | 19.46 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-03 | 1E-06 |
| 348 248TH ST | 2-Methylnaphthalene | mg/kg | 30.52 | 95UCL | 2.3E+02 | -- | 1E-01 | -- |
| 348 248TH ST | Benzene | µg/kg | 62.22 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-04 | 3E-07 |
| 348 248TH ST | Bromodichloromethane | µg/kg | 0.19 | Max | 4.3E+05 | 4.9E+02 | 4E-07 | 4E-10 |
| 348 248TH ST | Bromomethane | µg/kg | 3.7 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 348 248TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 348 248TH ST | Ethylbenzene | µg/kg | 92.33 | 95UCL | 3.3E+06 | 4.8E+03 | 3E-05 | 2E-08 |
| 348 248TH ST | Naphthalene | mg/kg | 10.1 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-02 | **3E-06** |
| 348 248TH ST | Pyrene | mg/kg | 3.284 | 95UCL | 1.7E+03 | -- | 2E-03 | -- |
| 348 248TH ST | Tetrachloroethene | µg/kg | 0.34 | Max | 8.6E+04 | 5.5E+02 | 4E-06 | 6E-10 |
| 348 248TH ST | Toluene | µg/kg | 16.02 | 95UCL | 4.8E+06 | -- | 3E-06 | -- |
| 348 248TH ST | TPH as Diesel | mg/kg | 7606 | 95UCL | 1.3E+03 | -- | **6E+00** | -- |
| 348 248TH ST | TPH as Gasoline | mg/kg | 33.03 | 95UCL | 7.6E+02 | -- | 4E-02 | -- |
| 348 248TH ST | TPH as Motor Oil | mg/kg | 6793 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 348 248TH ST | Xylenes, Total | µg/kg | 380.6 | 95UCL | 5.6E+05 | -- | 7E-04 | -- |
| 348 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 17.12 | 95UCL | 8.3E+04 | -- | 2E-04 | -- |
| 348 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 39 | Max | 8.5E+04 | -- | 5E-04 | -- |
| 348 249TH ST | 1-Methylnaphthalene | mg/kg | 0.229 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-05 | 2E-08 |
| 348 249TH ST | 2-Methylnaphthalene | mg/kg | 0.262 | 95UCL | 2.3E+02 | -- | 1E-03 | -- |
| 348 249TH ST | Benzene | µg/kg | 0.184 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 348 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 348 249TH ST | Bromomethane | µg/kg | 300 | Max | 8.8E+03 | -- | 3E-02 | -- |
| 348 249TH ST | Chromium, Hexavalent | mg/kg | 0.72 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 348 249TH ST | Ethylbenzene | µg/kg | 17 | Max | 3.3E+06 | 4.8E+03 | 5E-06 | 4E-09 |
| 348 249TH ST | Naphthalene | mg/kg | 0.0894 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-04 | 2E-08 |
| 348 249TH ST | Pyrene | mg/kg | 0.988 | 95UCL | 1.7E+03 | -- | 6E-04 | -- |
| 348 249TH ST | Toluene | µg/kg | 0.222 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 348 249TH ST | TPH as Diesel | mg/kg | 886.2 | 95UCL | 1.3E+03 | -- | 7E-01 | -- |
| 348 249TH ST | TPH as Gasoline | mg/kg | 1.243 | 95UCL | 7.6E+02 | -- | 2E-03 | -- |
| 348 249TH ST | TPH as Motor Oil | mg/kg | 1883 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 348 249TH ST | Xylenes, Total | µg/kg | 11.23 | 95UCL | 5.6E+05 | -- | 2E-05 | -- |
| 351 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.174 | 95UCL | 8.3E+04 | -- | 2E-06 | -- |
| 351 244TH ST | 1-Methylnaphthalene | mg/kg | 2.346 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 2E-07 |
| 351 244TH ST | 2-Methylnaphthalene | mg/kg | 3.313 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 351 244TH ST | Benzene | µg/kg | 0.46 | 95UCL | 6.7E+04 | 2.2E+02 | 7E-06 | 2E-09 |
| 351 244TH ST | Chromium, Hexavalent | mg/kg | 0.195 | 95UCL | 2.3E+02 | 1.3E+00 | 8E-04 | 2E-07 |
| 351 244TH ST | Cobalt | mg/kg | 11.6 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 351 244TH ST | Ethylbenzene | µg/kg | 0.21 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 351 244TH ST | Naphthalene | mg/kg | 1.069 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-03 | 3E-07 |
| 351 244TH ST | Pyrene | mg/kg | 0.696 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 351 244TH ST | Toluene | µg/kg | 0.361 | 95UCL | 4.8E+06 | -- | 8E-08 | -- |
| 351 244TH ST | TPH as Diesel | mg/kg | 1628 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 351 244TH ST | TPH as Gasoline | mg/kg | 0.21 | Max | 7.6E+02 | -- | 3E-04 | -- |
| 351 244TH ST | TPH as Motor Oil | mg/kg | 3761 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 351 244TH ST | Xylenes, Total | µg/kg | 0.53 | Max | 5.6E+05 | -- | 1E-06 | -- |
| 352 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.501 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 352 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0482 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 352 249TH ST | 2-Methylnaphthalene | mg/kg | 0.116 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 352 249TH ST | Benzene | µg/kg | 0.343 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 352 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.26 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 8E-09 |
| 352 249TH ST | Chromium, Hexavalent | mg/kg | 0.23 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 352 249TH ST | Ethylbenzene | µg/kg | 0.219 | 95UCL | 3.3E+06 | 4.8E+03 | 7E-08 | 5E-11 |
| 352 249TH ST | Naphthalene | mg/kg | 0.0309 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 8E-09 |
| 352 249TH ST | Pyrene | mg/kg | 0.778 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 352 249TH ST | Toluene | µg/kg | 2.541 | 95UCL | 4.8E+06 | -- | 5E-07 | -- |
| 352 249TH ST | TPH as Diesel | mg/kg | 536.2 | 95UCL | 1.3E+03 | -- | 4E-01 | -- |
| 352 249TH ST | TPH as Gasoline | mg/kg | 0.951 | 95UCL | 7.6E+02 | -- | 1E-03 | -- |
| 352 249TH ST | TPH as Motor Oil | mg/kg | 1311 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 352 249TH ST | Xylenes, Total | µg/kg | 0.635 | 95UCL | 5.6E+05 | -- | 1E-06 | -- |
| 353 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 1871 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 353 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 120 | Max | 8.5E+04 | -- | 1E-03 | -- |
| 353 249TH ST | 1-Methylnaphthalene | mg/kg | 5.44 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 4E-07 |
| 353 249TH ST | 2-Methylnaphthalene | mg/kg | 8.116 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 353 249TH ST | Benzene | µg/kg | 338.8 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-03 | **2E-06** |
| 353 249TH ST | Bromomethane | µg/kg | 190 | Max | 8.8E+03 | -- | 2E-02 | -- |
| 353 249TH ST | Chromium, Hexavalent | mg/kg | 0.296 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 353 249TH ST | Ethylbenzene | µg/kg | 3200 | Max | 3.3E+06 | 4.8E+03 | 1E-03 | 7E-07 |
| 353 249TH ST | Naphthalene | mg/kg | 3.455 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 9E-07 |
| 353 249TH ST | Pyrene | mg/kg | 0.57 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 353 249TH ST | Toluene | µg/kg | 0.277 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 353 249TH ST | TPH as Diesel | mg/kg | 2751 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 353 249TH ST | TPH as Gasoline | mg/kg | 167.6 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 353 249TH ST | TPH as Motor Oil | mg/kg | 2918 | 95UCL | 3.3E+03 | -- | 9E-01 | -- |
| 353 249TH ST | Xylenes, Total | µg/kg | 741.8 | 95UCL | 5.6E+05 | -- | 1E-03 | -- |
| 354 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 75.15 | 95UCL | 8.3E+04 | -- | 9E-04 | -- |
| 354 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 120.9 | 95UCL | 8.5E+04 | -- | 1E-03 | -- |
| 354 248TH ST | 1-Methylnaphthalene | mg/kg | 7.586 | 95UCL | 4.0E+03 | 1.6E+01 | 2E-03 | 5E-07 |
| 354 248TH ST | 2-Methylnaphthalene | mg/kg | 18.15 | 95UCL | 2.3E+02 | -- | 8E-02 | -- |
| 354 248TH ST | Benzene | µg/kg | 3.274 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-05 | 2E-08 |
| 354 248TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.52 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 2E-08 |
| 354 248TH ST | Chromium, Hexavalent | mg/kg | 0.36 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 354 248TH ST | Ethylbenzene | µg/kg | 55.71 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-05 | 1E-08 |
| 354 248TH ST | Naphthalene | mg/kg | 5.86 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-02 | **2E-06** |
| 354 248TH ST | Pyrene | mg/kg | 1.612 | 95UCL | 1.7E+03 | -- | 9E-04 | -- |
| 354 248TH ST | Toluene | µg/kg | 0.237 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 354 248TH ST | TPH as Diesel | mg/kg | 4141 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 354 248TH ST | TPH as Gasoline | mg/kg | 41.35 | 95UCL | 7.6E+02 | -- | 5E-02 | -- |
| 354 248TH ST | TPH as Motor Oil | mg/kg | 3461 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 354 248TH ST | Xylenes, Total | µg/kg | 150 | Max | 5.6E+05 | -- | 3E-04 | -- |
| 357 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0068 | Max | 4.0E+03 | 1.6E+01 | 2E-06 | 4E-10 |
| 357 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00366 | 95UCL | 2.3E+02 | -- | 2E-05 | -- |
| 357 244TH ST | Benzene | µg/kg | 0.24 | Max | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 357 244TH ST | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 357 244TH ST | Cobalt | mg/kg | 12.36 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 357 244TH ST | Naphthalene | mg/kg | 0.00258 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-05 | 7E-10 |
| 357 244TH ST | Pyrene | mg/kg | 0.0164 | 95UCL | 1.7E+03 | -- | 1E-05 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 357 244TH ST | Toluene | µg/kg | 0.28 | Max | 4.8E+06 | -- | 6E-08 | -- |
| 357 244TH ST | TPH as Diesel | mg/kg | 33.75 | 95UCL | 1.3E+03 | -- | 3E-02 | -- |
| 357 244TH ST | TPH as Gasoline | mg/kg | 0.0829 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 357 244TH ST | TPH as Motor Oil | mg/kg | 131.7 | 95UCL | 3.3E+03 | -- | 4E-02 | -- |
| 357 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 45 | Max | 8.3E+04 | -- | 5E-04 | -- |
| 357 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 8.1 | Max | 8.5E+04 | -- | 1E-04 | -- |
| 357 249TH ST | 1-Methylnaphthalene | mg/kg | 0.136 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 9E-09 |
| 357 249TH ST | 2-Methylnaphthalene | mg/kg | 0.119 | 95UCL | 2.3E+02 | -- | 5E-04 | -- |
| 357 249TH ST | Benzene | µg/kg | 1.934 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-05 | 9E-09 |
| 357 249TH ST | Ethylbenzene | µg/kg | 14 | Max | 3.3E+06 | 4.8E+03 | 4E-06 | 3E-09 |
| 357 249TH ST | Naphthalene | mg/kg | 0.037 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 9E-09 |
| 357 249TH ST | Pyrene | mg/kg | 0.7 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 357 249TH ST | Toluene | µg/kg | 0.227 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 357 249TH ST | TPH as Diesel | mg/kg | 347.9 | 95UCL | 1.3E+03 | -- | 3E-01 | -- |
| 357 249TH ST | TPH as Gasoline | mg/kg | 29.76 | 95UCL | 7.6E+02 | -- | 4E-02 | -- |
| 357 249TH ST | TPH as Motor Oil | mg/kg | 1035 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 357 249TH ST | Xylenes, Total | µg/kg | 6.51 | 95UCL | 5.6E+05 | -- | 1E-05 | -- |
| 358 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 196.3 | 95UCL | 8.3E+04 | -- | 2E-03 | -- |
| 358 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 189.4 | 95UCL | 8.5E+04 | -- | 2E-03 | -- |
| 358 249TH ST | 1-Methylnaphthalene | mg/kg | 3.34 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 358 249TH ST | 2-Methylnaphthalene | mg/kg | 4.742 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 358 249TH ST | Benzene | µg/kg | 0.15 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 358 249TH ST | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 358 249TH ST | Ethylbenzene | µg/kg | 78 | Max | 3.3E+06 | 4.8E+03 | 2E-05 | 2E-08 |
| 358 249TH ST | Naphthalene | mg/kg | 1.334 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-03 | 3E-07 |
| 358 249TH ST | Pyrene | mg/kg | 0.543 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 358 249TH ST | Tetrachloroethene | µg/kg | 2.4 | Max | 8.6E+04 | 5.5E+02 | 3E-05 | 4E-09 |
| 358 249TH ST | Toluene | µg/kg | 0.229 | 95UCL | 4.8E+06 | -- | 5E-08 | -- |
| 358 249TH ST | TPH as Diesel | mg/kg | 2541 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 358 249TH ST | TPH as Gasoline | mg/kg | 25.11 | 95UCL | 7.6E+02 | -- | 3E-02 | -- |
| 358 249TH ST | TPH as Motor Oil | mg/kg | 3648 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 358 249TH ST | Xylenes, Total | µg/kg | 105.7 | 95UCL | 5.6E+05 | -- | 2E-04 | -- |
| 360 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 70.41 | 95UCL | 8.3E+04 | -- | 9E-04 | -- |
| 360 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 230 | Max | 8.5E+04 | -- | 3E-03 | -- |
| 360 248TH ST | 1-Methylnaphthalene | mg/kg | 1.658 | 95UCL | 4.0E+03 | 1.6E+01 | 4E-04 | 1E-07 |
| 360 248TH ST | 2-Methylnaphthalene | mg/kg | 2.372 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 360 248TH ST | Benzene | µg/kg | 0.156 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 360 248TH ST | Ethylbenzene | µg/kg | 54.68 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-05 | 1E-08 |
| 360 248TH ST | Naphthalene | mg/kg | 0.731 | 95UCL | 1.5E+02 | 4.0E+00 | 5E-03 | 2E-07 |
| 360 248TH ST | Pyrene | mg/kg | 0.444 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 360 248TH ST | Toluene | µg/kg | 0.37 | Max | 4.8E+06 | -- | 8E-08 | -- |
| 360 248TH ST | TPH as Diesel | mg/kg | 1266 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 360 248TH ST | TPH as Gasoline | mg/kg | 110.4 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 360 248TH ST | TPH as Motor Oil | mg/kg | 1375 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 360 248TH ST | Xylenes, Total | µg/kg | 240 | Max | 5.6E+05 | -- | 4E-04 | -- |
| 361 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.69 | Max | 8.3E+04 | -- | 8E-06 | -- |
| 361 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00295 | 95UCL | 2.3E+02 | -- | 1E-05 | -- |
| 361 244TH ST | Benzene | µg/kg | 0.17 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 8E-10 |
| 361 244TH ST | Chromium, Hexavalent | mg/kg | 0.76 | Max | 2.3E+02 | 1.3E+00 | 3E-03 | 6E-07 |
| 361 244TH ST | Cobalt | mg/kg | 11.81 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 361 244TH ST | Naphthalene | mg/kg | 0.027 | Max | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |
| 361 244TH ST | Pyrene | mg/kg | 0.0105 | 95UCL | 1.7E+03 | -- | 6E-06 | -- |
| 361 244TH ST | Toluene | µg/kg | 0.17 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 361 244TH ST | TPH as Diesel | mg/kg | 53.52 | 95UCL | 1.3E+03 | -- | 4E-02 | -- |
| 361 244TH ST | TPH as Gasoline | mg/kg | 0.12 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 361 244TH ST | TPH as Motor Oil | mg/kg | 193.1 | 95UCL | 3.3E+03 | -- | 6E-02 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 361 244TH ST | Xylenes, Total | µg/kg | 0.52 | Max | 5.6E+05 | -- | 9E-07 | -- |
| 362 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.16 | Max | 8.3E+04 | -- | 2E-06 | -- |
| 362 249TH ST | 1-Methylnaphthalene | mg/kg | 0.00472 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-06 | 3E-10 |
| 362 249TH ST | 2-Methylnaphthalene | mg/kg | 0.00725 | 95UCL | 2.3E+02 | -- | 3E-05 | -- |
| 362 249TH ST | Benzene | µg/kg | 0.361 | 95UCL | 6.7E+04 | 2.2E+02 | 5E-06 | 2E-09 |
| 362 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.2 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 362 249TH ST | Ethylbenzene | µg/kg | 0.19 | Max | 3.3E+06 | 4.8E+03 | 6E-08 | 4E-11 |
| 362 249TH ST | Naphthalene | mg/kg | 0.0044 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-05 | 1E-09 |
| 362 249TH ST | Pyrene | mg/kg | 0.0715 | 95UCL | 1.7E+03 | -- | 4E-05 | -- |
| 362 249TH ST | Toluene | µg/kg | 0.281 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 362 249TH ST | TPH as Diesel | mg/kg | 597.6 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 362 249TH ST | TPH as Gasoline | mg/kg | 0.178 | 95UCL | 7.6E+02 | -- | 2E-04 | -- |
| 362 249TH ST | TPH as Motor Oil | mg/kg | 1873 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 362 249TH ST | Xylenes, Total | µg/kg | 0.27 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 363 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.482 | 95UCL | 8.3E+04 | -- | 6E-06 | -- |
| 363 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.23 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 363 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0989 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-05 | 6E-09 |
| 363 249TH ST | 2-Methylnaphthalene | mg/kg | 0.166 | 95UCL | 2.3E+02 | -- | 7E-04 | -- |
| 363 249TH ST | Benzene | µg/kg | 0.413 | 95UCL | 6.7E+04 | 2.2E+02 | 6E-06 | 2E-09 |
| 363 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.457 | 95UCL | 1.2E+03 | 3.5E+01 | 4E-04 | 1E-08 |
| 363 249TH ST | Ethylbenzene | µg/kg | 0.28 | Max | 3.3E+06 | 4.8E+03 | 9E-08 | 6E-11 |
| 363 249TH ST | Naphthalene | mg/kg | 0.039 | 95UCL | 1.5E+02 | 4.0E+00 | 3E-04 | 1E-08 |
| 363 249TH ST | Pyrene | mg/kg | 0.499 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 363 249TH ST | Toluene | µg/kg | 3.961 | 95UCL | 4.8E+06 | -- | 8E-07 | -- |
| 363 249TH ST | TPH as Diesel | mg/kg | 629 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 363 249TH ST | TPH as Gasoline | mg/kg | 1.326 | 95UCL | 7.6E+02 | -- | 2E-03 | -- |
| 363 249TH ST | TPH as Motor Oil | mg/kg | 1087 | 95UCL | 3.3E+03 | -- | 3E-01 | -- |
| 363 249TH ST | Xylenes, Total | µg/kg | 0.31 | 95UCL | 5.6E+05 | -- | 6E-07 | -- |
| 364 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 1367 | 95UCL | 8.3E+04 | -- | 2E-02 | -- |
| 364 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 244.5 | 95UCL | 8.5E+04 | -- | 3E-03 | -- |
| 364 248TH ST | 1-Methylnaphthalene | mg/kg | 3.345 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 364 248TH ST | 2-Methylnaphthalene | mg/kg | 8.084 | 95UCL | 2.3E+02 | -- | 4E-02 | -- |
| 364 248TH ST | Benzene | µg/kg | 50.09 | 95UCL | 6.7E+04 | 2.2E+02 | 8E-04 | 2E-07 |
| 364 248TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.8 | Max | 1.2E+03 | 3.5E+01 | 7E-04 | 2E-08 |
| 364 248TH ST | Bromomethane | µg/kg | 190 | Max | 8.8E+03 | -- | 2E-02 | -- |
| 364 248TH ST | Ethylbenzene | µg/kg | 336.7 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-04 | 7E-08 |
| 364 248TH ST | Naphthalene | mg/kg | 2.678 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-02 | 7E-07 |
| 364 248TH ST | Pyrene | mg/kg | 0.932 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 364 248TH ST | Toluene | µg/kg | 3.282 | 95UCL | 4.8E+06 | -- | 7E-07 | -- |
| 364 248TH ST | TPH as Diesel | mg/kg | 4103 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 364 248TH ST | TPH as Gasoline | mg/kg | 113.6 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 364 248TH ST | TPH as Motor Oil | mg/kg | 3373 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 364 248TH ST | Xylenes, Total | µg/kg | 261 | 95UCL | 5.6E+05 | -- | 5E-04 | -- |
| 367 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0624 | 95UCL | 2.3E+02 | -- | 3E-04 | -- |
| 367 244TH ST | Benzene | µg/kg | 0.16 | Max | 6.7E+04 | 2.2E+02 | 2E-06 | 7E-10 |
| 367 244TH ST | Pyrene | mg/kg | 0.563 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 367 244TH ST | Toluene | µg/kg | 0.18 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 367 244TH ST | TPH as Diesel | mg/kg | 4973 | 95UCL | 1.3E+03 | -- | **4E+00** | -- |
| 367 244TH ST | TPH as Motor Oil | mg/kg | 13003 | 95UCL | 3.3E+03 | -- | **4E+00** | -- |
| 367 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 2.413 | 95UCL | 8.3E+04 | -- | 3E-05 | -- |
| 367 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 1.8 | Max | 8.5E+04 | -- | 2E-05 | -- |
| 367 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0416 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-05 | 3E-09 |
| 367 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0912 | 95UCL | 2.3E+02 | -- | 4E-04 | -- |
| 367 249TH ST | Benzene | µg/kg | 0.193 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 367 249TH ST | Bromomethane | µg/kg | 3.1 | Max | 8.8E+03 | -- | 4E-04 | -- |
| 367 249TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 367 249TH ST | Ethylbenzene | µg/kg | 26 | Max | 3.3E+06 | 4.8E+03 | 8E-06 | 5E-09 |
| 367 249TH ST | Naphthalene | mg/kg | 0.0264 | 95UCL | 1.5E+02 | 4.0E+00 | 2E-04 | 7E-09 |
| 367 249TH ST | Pyrene | mg/kg | 0.357 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 367 249TH ST | Toluene | µg/kg | 0.193 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 367 249TH ST | TPH as Diesel | mg/kg | 692.2 | 95UCL | 1.3E+03 | -- | 5E-01 | -- |
| 367 249TH ST | TPH as Gasoline | mg/kg | 3.063 | 95UCL | 7.6E+02 | -- | 4E-03 | -- |
| 367 249TH ST | TPH as Motor Oil | mg/kg | 1427 | 95UCL | 3.3E+03 | -- | 4E-01 | -- |
| 367 249TH ST | Xylenes, Total | µg/kg | 38 | Max | 5.6E+05 | -- | 7E-05 | -- |
| 368 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 4400 | 95UCL | 8.3E+04 | -- | 5E-02 | -- |
| 368 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 1805 | 95UCL | 8.5E+04 | -- | 2E-02 | -- |
| 368 249TH ST | 1-Methylnaphthalene | mg/kg | 3.867 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 368 249TH ST | 2-Methylnaphthalene | mg/kg | 5.618 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 368 249TH ST | Benzene | µg/kg | 179.7 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-03 | 8E-07 |
| 368 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.7 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 5E-08 |
| 368 249TH ST | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 3E-07 |
| 368 249TH ST | Ethylbenzene | µg/kg | 1311 | 95UCL | 3.3E+06 | 4.8E+03 | 4E-04 | 3E-07 |
| 368 249TH ST | Methylene Chloride | µg/kg | 51 | Max | 3.6E+05 | 5.3E+03 | 1E-04 | 1E-08 |
| 368 249TH ST | Naphthalene | mg/kg | 2.15 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 368 249TH ST | Pyrene | mg/kg | 7.244 | 95UCL | 1.7E+03 | -- | 4E-03 | -- |
| 368 249TH ST | Toluene | µg/kg | 92.58 | 95UCL | 4.8E+06 | -- | 2E-05 | -- |
| 368 249TH ST | TPH as Diesel | mg/kg | 4362 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 368 249TH ST | TPH as Gasoline | mg/kg | 458.7 | 95UCL | 7.6E+02 | -- | 6E-01 | -- |
| 368 249TH ST | TPH as Motor Oil | mg/kg | 5270 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 368 249TH ST | Xylenes, Total | µg/kg | 8326 | 95UCL | 5.6E+05 | -- | 2E-02 | -- |
| 373 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.249 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 373 249TH ST | 1-Methylnaphthalene | mg/kg | 1.284 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-04 | 8E-08 |
| 373 249TH ST | 2-Methylnaphthalene | mg/kg | 1.793 | 95UCL | 2.3E+02 | -- | 8E-03 | -- |
| 373 249TH ST | Benzene | µg/kg | 0.257 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 373 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 1.2E+03 | 3.5E+01 | 2E-04 | 6E-09 |
| 373 249TH ST | Bromomethane | µg/kg | 2.9 | Max | 8.8E+03 | -- | 3E-04 | -- |
| 373 249TH ST | Ethylbenzene | µg/kg | 0.32 | Max | 3.3E+06 | 4.8E+03 | 1E-07 | 7E-11 |
| 373 249TH ST | Methylene Chloride | µg/kg | 3.2 | Max | 3.6E+05 | 5.3E+03 | 9E-06 | 6E-10 |
| 373 249TH ST | Naphthalene | mg/kg | 0.56 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-03 | 1E-07 |
| 373 249TH ST | Pyrene | mg/kg | 0.281 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 373 249TH ST | Toluene | µg/kg | 0.487 | 95UCL | 4.8E+06 | -- | 1E-07 | -- |
| 373 249TH ST | TPH as Diesel | mg/kg | 1069 | 95UCL | 1.3E+03 | -- | 8E-01 | -- |
| 373 249TH ST | TPH as Gasoline | mg/kg | 0.821 | 95UCL | 7.6E+02 | -- | 1E-03 | -- |
| 373 249TH ST | TPH as Motor Oil | mg/kg | 1579 | 95UCL | 3.3E+03 | -- | 5E-01 | -- |
| 373 249TH ST | Xylenes, Total | µg/kg | 0.27 | Max | 5.6E+05 | -- | 5E-07 | -- |
| 374 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 579.6 | 95UCL | 8.3E+04 | -- | 7E-03 | -- |
| 374 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 32.24 | 95UCL | 8.5E+04 | -- | 4E-04 | -- |
| 374 248TH ST | 1-Methylnaphthalene | mg/kg | 2.239 | 95UCL | 4.0E+03 | 1.6E+01 | 6E-04 | 1E-07 |
| 374 248TH ST | 2-Methylnaphthalene | mg/kg | 2.65 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 374 248TH ST | Benzene | µg/kg | 13.59 | 95UCL | 6.7E+04 | 2.2E+02 | 2E-04 | 6E-08 |
| 374 248TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.4 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 374 248TH ST | Ethylbenzene | µg/kg | 62.41 | 95UCL | 3.3E+06 | 4.8E+03 | 2E-05 | 1E-08 |
| 374 248TH ST | Naphthalene | mg/kg | 0.907 | 95UCL | 1.5E+02 | 4.0E+00 | 6E-03 | 2E-07 |
| 374 248TH ST | Pyrene | mg/kg | 6.761 | 95UCL | 1.7E+03 | -- | 4E-03 | -- |
| 374 248TH ST | Toluene | µg/kg | 3.453 | 95UCL | 4.8E+06 | -- | 7E-07 | -- |
| 374 248TH ST | TPH as Diesel | mg/kg | 4145 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 374 248TH ST | TPH as Gasoline | mg/kg | 57.26 | 95UCL | 7.6E+02 | -- | 8E-02 | -- |
| 374 248TH ST | TPH as Motor Oil | mg/kg | 6513 | 95UCL | 3.3E+03 | -- | **2E+00** | -- |
| 374 248TH ST | Xylenes, Total | µg/kg | 269.8 | 95UCL | 5.6E+05 | -- | 5E-04 | -- |
| 374 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 2746 | 95UCL | 8.3E+04 | -- | 3E-02 | -- |
| 374 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 7400 | Max | 8.5E+04 | -- | 9E-02 | -- |
| 374 249TH ST | 1-Methylnaphthalene | mg/kg | 2.114 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-04 | 1E-07 |
| 374 249TH ST | 2-Methylnaphthalene | mg/kg | 3.486 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 374 249TH ST | Benzene | µg/kg | 178.5 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-03 | 8E-07 |
| 374 249TH ST | Ethylbenzene | µg/kg | 4900 | Max | 3.3E+06 | 4.8E+03 | 2E-03 | 1E-06 |
| 374 249TH ST | Naphthalene | mg/kg | 1.764 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 4E-07 |
| 374 249TH ST | Pyrene | mg/kg | 0.547 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 374 249TH ST | Toluene | µg/kg | 21.17 | 95UCL | 4.8E+06 | -- | 4E-06 | -- |
| 374 249TH ST | TPH as Diesel | mg/kg | 2913 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 374 249TH ST | TPH as Gasoline | mg/kg | 356.8 | 95UCL | 7.6E+02 | -- | 5E-01 | -- |
| 374 249TH ST | TPH as Motor Oil | mg/kg | 3119 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 374 249TH ST | Xylenes, Total | µg/kg | 20000 | Max | 5.6E+05 | -- | 4E-02 | -- |
| 377 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0036 | Max | 4.0E+03 | 1.6E+01 | 9E-07 | 2E-10 |
| 377 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0147 | 95UCL | 2.3E+02 | -- | 6E-05 | -- |
| 377 244TH ST | Benzene | µg/kg | 0.19 | Max | 6.7E+04 | 2.2E+02 | 3E-06 | 9E-10 |
| 377 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.51 | Max | 1.2E+03 | 3.5E+01 | 4E-04 | 2E-08 |
| 377 244TH ST | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 377 244TH ST | Cobalt | mg/kg | 12.18 | 95UCL | 2.3E+01 | 3.1E+04 | 5E-01 | 4E-10 |
| 377 244TH ST | Naphthalene | mg/kg | 0.00182 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-05 | 5E-10 |
| 377 244TH ST | Pyrene | mg/kg | 0.147 | 95UCL | 1.7E+03 | -- | 9E-05 | -- |
| 377 244TH ST | Toluene | µg/kg | 0.21 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 377 244TH ST | TPH as Diesel | mg/kg | 142 | 95UCL | 1.3E+03 | -- | 1E-01 | -- |
| 377 244TH ST | TPH as Gasoline | mg/kg | 0.088 | Max | 7.6E+02 | -- | 1E-04 | -- |
| 377 244TH ST | TPH as Motor Oil | mg/kg | 394.1 | 95UCL | 3.3E+03 | -- | 1E-01 | -- |
| 377 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 78.4 | 95UCL | 8.3E+04 | -- | 1E-03 | -- |
| 377 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 9.515 | 95UCL | 8.5E+04 | -- | 1E-04 | -- |
| 377 249TH ST | 1-Methylnaphthalene | mg/kg | 4.22 | 95UCL | 4.0E+03 | 1.6E+01 | 1E-03 | 3E-07 |
| 377 249TH ST | 2-Methylnaphthalene | mg/kg | 6.1 | 95UCL | 2.3E+02 | -- | 3E-02 | -- |
| 377 249TH ST | Benzene | µg/kg | 0.587 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-06 | 3E-09 |
| 377 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.4 | Max | 1.2E+03 | 3.5E+01 | 3E-04 | 1E-08 |
| 377 249TH ST | Ethylbenzene | µg/kg | 11.97 | 95UCL | 3.3E+06 | 4.8E+03 | 4E-06 | 3E-09 |
| 377 249TH ST | Naphthalene | mg/kg | 1.976 | 95UCL | 1.5E+02 | 4.0E+00 | 1E-02 | 5E-07 |
| 377 249TH ST | Pyrene | mg/kg | 0.775 | 95UCL | 1.7E+03 | -- | 5E-04 | -- |
| 377 249TH ST | Toluene | µg/kg | 0.17 | Max | 4.8E+06 | -- | 4E-08 | -- |
| 377 249TH ST | TPH as Diesel | mg/kg | 3702 | 95UCL | 1.3E+03 | -- | **3E+00** | -- |
| 377 249TH ST | TPH as Gasoline | mg/kg | 22.02 | 95UCL | 7.6E+02 | -- | 3E-02 | -- |
| 377 249TH ST | TPH as Motor Oil | mg/kg | 3685 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 377 249TH ST | Xylenes, Total | µg/kg | 160 | Max | 5.6E+05 | -- | 3E-04 | -- |
| 378 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 18.01 | 95UCL | 8.3E+04 | -- | 2E-04 | -- |
| 378 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 3.872 | 95UCL | 8.5E+04 | -- | 5E-05 | -- |
| 378 249TH ST | 1-Methylnaphthalene | mg/kg | 2.135 | 95UCL | 4.0E+03 | 1.6E+01 | 5E-04 | 1E-07 |
| 378 249TH ST | 2-Methylnaphthalene | mg/kg | 2.871 | 95UCL | 2.3E+02 | -- | 1E-02 | -- |
| 378 249TH ST | Benzene | µg/kg | 2.918 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-05 | 1E-08 |
| 378 249TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 378 249TH ST | Ethylbenzene | µg/kg | 4.684 | 95UCL | 3.3E+06 | 4.8E+03 | 1E-06 | 1E-09 |
| 378 249TH ST | Naphthalene | mg/kg | 1.1 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-03 | 3E-07 |
| 378 249TH ST | Pyrene | mg/kg | 0.216 | 95UCL | 1.7E+03 | -- | 1E-04 | -- |
| 378 249TH ST | Toluene | µg/kg | 1.158 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 378 249TH ST | TPH as Diesel | mg/kg | 2795 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 378 249TH ST | TPH as Gasoline | mg/kg | 111.6 | 95UCL | 7.6E+02 | -- | 2E-01 | -- |
| 378 249TH ST | TPH as Motor Oil | mg/kg | 2783 | 95UCL | 3.3E+03 | -- | 8E-01 | -- |
| 378 249TH ST | Xylenes, Total | µg/kg | 27.91 | 95UCL | 5.6E+05 | -- | 5E-05 | -- |
| 383 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 13.82 | 95UCL | 8.3E+04 | -- | 2E-04 | -- |
| 383 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 24 | Max | 8.5E+04 | -- | 3E-04 | -- |
| 383 249TH ST | 1-Methylnaphthalene | mg/kg | 0.376 | 95UCL | 4.0E+03 | 1.6E+01 | 9E-05 | 2E-08 |
| 383 249TH ST | 2-Methylnaphthalene | mg/kg | 0.161 | 95UCL | 2.3E+02 | -- | 7E-04 | -- |
| 383 249TH ST | Benzene | µg/kg | 0.263 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 383 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.2E+03 | 3.5E+01 | 1E-04 | 5E-09 |
| 383 249TH ST | Ethylbenzene | µg/kg | 81 | Max | 3.3E+06 | 4.8E+03 | 3E-05 | 2E-08 |
| 383 249TH ST | Naphthalene | mg/kg | 0.101 | 95UCL | 1.5E+02 | 4.0E+00 | 7E-04 | 3E-08 |
| 383 249TH ST | Pyrene | mg/kg | 1.771 | 95UCL | 1.7E+03 | -- | 1E-03 | -- |

**Table E-2**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Soil ≤5 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 383 249TH ST | Toluene | µg/kg | 0.315 | 95UCL | 4.8E+06 | -- | 7E-08 | -- |
| 383 249TH ST | TPH as Diesel | mg/kg | 1650 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 383 249TH ST | TPH as Gasoline | mg/kg | 46.4 | 95UCL | 7.6E+02 | -- | 6E-02 | -- |
| 383 249TH ST | TPH as Motor Oil | mg/kg | 2093 | 95UCL | 3.3E+03 | -- | 6E-01 | -- |
| 383 249TH ST | Xylenes, Total | µg/kg | 8.706 | 95UCL | 5.6E+05 | -- | 2E-05 | -- |
| 402 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 31.47 | 95UCL | 8.3E+04 | -- | 4E-04 | -- |
| 402 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 8.1 | Max | 8.5E+04 | -- | 1E-04 | -- |
| 402 249TH ST | 1-Methylnaphthalene | mg/kg | 3.223 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-04 | 2E-07 |
| 402 249TH ST | 2-Methylnaphthalene | mg/kg | 4.275 | 95UCL | 2.3E+02 | -- | 2E-02 | -- |
| 402 249TH ST | Benzene | µg/kg | 0.567 | 95UCL | 6.7E+04 | 2.2E+02 | 9E-06 | 3E-09 |
| 402 249TH ST | Ethylbenzene | µg/kg | 220 | Max | 3.3E+06 | 4.8E+03 | 7E-05 | 5E-08 |
| 402 249TH ST | Naphthalene | mg/kg | 1.274 | 95UCL | 1.5E+02 | 4.0E+00 | 9E-03 | 3E-07 |
| 402 249TH ST | Pyrene | mg/kg | 0.446 | 95UCL | 1.7E+03 | -- | 3E-04 | -- |
| 402 249TH ST | Toluene | µg/kg | 0.284 | 95UCL | 4.8E+06 | -- | 6E-08 | -- |
| 402 249TH ST | TPH as Diesel | mg/kg | 2640 | 95UCL | 1.3E+03 | -- | **2E+00** | -- |
| 402 249TH ST | TPH as Gasoline | mg/kg | 66.85 | 95UCL | 7.6E+02 | -- | 9E-02 | -- |
| 402 249TH ST | TPH as Motor Oil | mg/kg | 3292 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 402 249TH ST | Xylenes, Total | µg/kg | 26.6 | 95UCL | 5.6E+05 | -- | 5E-05 | -- |
| 408 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.246 | 95UCL | 8.3E+04 | -- | 3E-06 | -- |
| 408 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.15 | Max | 8.5E+04 | -- | 2E-06 | -- |
| 408 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0106 | 95UCL | 4.0E+03 | 1.6E+01 | 3E-06 | 7E-10 |
| 408 249TH ST | 2-Methylnaphthalene | mg/kg | 0.043 | 95UCL | 2.3E+02 | -- | 2E-04 | -- |
| 408 249TH ST | Benzene | µg/kg | 2.024 | 95UCL | 6.7E+04 | 2.2E+02 | 3E-05 | 9E-09 |
| 408 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.4 | Max | 1.2E+03 | 3.5E+01 | 1E-03 | 4E-08 |
| 408 249TH ST | Bromodichloromethane | µg/kg | 0.3 | Max | 4.3E+05 | 4.9E+02 | 7E-07 | 6E-10 |
| 408 249TH ST | Chromium, Hexavalent | mg/kg | 0.37 | Max | 2.3E+02 | 1.3E+00 | 2E-03 | 3E-07 |
| 408 249TH ST | Naphthalene | mg/kg | 0.0123 | 95UCL | 1.5E+02 | 4.0E+00 | 8E-05 | 3E-09 |
| 408 249TH ST | Pyrene | mg/kg | 0.278 | 95UCL | 1.7E+03 | -- | 2E-04 | -- |
| 408 249TH ST | Toluene | µg/kg | 0.793 | 95UCL | 4.8E+06 | -- | 2E-07 | -- |
| 408 249TH ST | TPH as Diesel | mg/kg | 107.7 | 95UCL | 1.3E+03 | -- | 8E-02 | -- |
| 408 249TH ST | TPH as Gasoline | mg/kg | 0.16 | Max | 7.6E+02 | -- | 2E-04 | -- |
| 408 249TH ST | TPH as Motor Oil | mg/kg | 253.8 | 95UCL | 3.3E+03 | -- | 8E-02 | -- |
| 408 249TH ST | Xylenes, Total | µg/kg | 1.1 | Max | 5.6E+05 | -- | 2E-06 | -- |
| 412 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.301 | 95UCL | 8.3E+04 | -- | 4E-06 | -- |
| 412 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.29 | Max | 8.5E+04 | -- | 3E-06 | -- |
| 412 249TH ST | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 3.6E+06 | 2.8E+03 | 5E-08 | 7E-11 |
| 412 249TH ST | 1-Methylnaphthalene | mg/kg | 0.323 | 95UCL | 4.0E+03 | 1.6E+01 | 8E-05 | 2E-08 |
| 412 249TH ST | 2,4-Dinitrotoluene | mg/kg | 0.18 | Max | 1.2E+02 | 1.6E+00 | 2E-03 | 1E-07 |
| 412 249TH ST | 2-Methylnaphthalene | mg/kg | 0.148 | 95UCL | 2.3E+02 | -- | 7E-04 | -- |
| 412 249TH ST | Benzene | µg/kg | 0.25 | 95UCL | 6.7E+04 | 2.2E+02 | 4E-06 | 1E-09 |
| 412 249TH ST | Bromomethane | µg/kg | 1.9 | Max | 8.8E+03 | -- | 2E-04 | -- |
| 412 249TH ST | Chromium, Hexavalent | mg/kg | 0.235 | 95UCL | 2.3E+02 | 1.3E+00 | 1E-03 | 2E-07 |
| 412 249TH ST | Ethylbenzene | µg/kg | 0.79 | Max | 3.3E+06 | 4.8E+03 | 2E-07 | 2E-10 |
| 412 249TH ST | Naphthalene | mg/kg | 0.0632 | 95UCL | 1.5E+02 | 4.0E+00 | 4E-04 | 2E-08 |
| 412 249TH ST | Pyrene | mg/kg | 0.676 | 95UCL | 1.7E+03 | -- | 4E-04 | -- |
| 412 249TH ST | Toluene | µg/kg | 0.171 | 95UCL | 4.8E+06 | -- | 4E-08 | -- |
| 412 249TH ST | TPH as Diesel | mg/kg | 1577 | 95UCL | 1.3E+03 | -- | 1E+00 | -- |
| 412 249TH ST | TPH as Gasoline | mg/kg | 0.0919 | 95UCL | 7.6E+02 | -- | 1E-04 | -- |
| 412 249TH ST | TPH as Motor Oil | mg/kg | 3709 | 95UCL | 3.3E+03 | -- | 1E+00 | -- |
| 412 249TH ST | Xylenes, Total | µg/kg | 0.76 | Max | 5.6E+05 | -- | 1E-06 | -- |

Notes:
" -- " not applicable; COC = Constituent of Concern
Soil ≤5 ft bgs = less than or equal to 5 feet below ground surface
EF350 = exposure frequency of 350 days per year; 95UCL = 95 percent upper confidence limit
SSCG = Site-specific cleanup goals; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects
EPC = exposure point concentration based on the 95UCLs; if not available, maximum detect (Max) was used as the EPC.
**Bold** + Shaded if COC-specific noncancer hazard >1 or COC-specific cancer risk >1E-06

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24401 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0092 | Max | 3.5E+05 | 1.4E+03 | 3E-08 | 7E-12 |
| 24401 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.02 | Max | 2.0E+04 | -- | 1E-06 | -- |
| 24401 MARBELLA AVE | Benzene | ug/kg | 0.44 | Max | 5.8E+06 | 1.9E+04 | 8E-08 | 2E-11 |
| 24401 MARBELLA AVE | Cobalt | mg/kg | 15 | Max | 2.1E+03 | 2.7E+06 | 7E-03 | 6E-12 |
| 24401 MARBELLA AVE | Naphthalene | mg/kg | 0.016 | Max | 1.3E+04 | 3.5E+02 | 1E-06 | 5E-11 |
| 24401 MARBELLA AVE | Pyrene | mg/kg | 0.001 | Max | 1.5E+05 | -- | 7E-09 | -- |
| 24401 MARBELLA AVE | Toluene | ug/kg | 0.23 | Max | 4.2E+08 | -- | 6E-10 | -- |
| 24401 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.065 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24401 MARBELLA AVE | Vanadium | mg/kg | 57.6 | Max | 3.4E+04 | -- | 2E-03 | -- |
| 24402 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 1.035 | 95UCL | 7.2E+06 | -- | 1E-07 | -- |
| 24402 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.66 | Max | 7.4E+06 | -- | 9E-08 | -- |
| 24402 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 12 | Max | 3.5E+05 | 1.4E+03 | 3E-05 | 9E-09 |
| 24402 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 3.306 | 95UCL | 2.0E+04 | -- | 2E-04 | -- |
| 24402 NEPTUNE AVE | Benzene | ug/kg | 0.278 | 95UCL | 5.8E+06 | 1.9E+04 | 5E-08 | 1E-11 |
| 24402 NEPTUNE AVE | Cobalt | mg/kg | 10.91 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24402 NEPTUNE AVE | Ethylbenzene | ug/kg | 19.85 | 95UCL | 2.9E+08 | 4.2E+05 | 7E-08 | 5E-11 |
| 24402 NEPTUNE AVE | Naphthalene | mg/kg | 0.972 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-05 | 3E-09 |
| 24402 NEPTUNE AVE | Pyrene | mg/kg | 3.526 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24402 NEPTUNE AVE | Toluene | ug/kg | 0.217 | 95UCL | 4.2E+08 | -- | 5E-10 | -- |
| 24402 NEPTUNE AVE | TPH as Diesel | mg/kg | 7376 | 95UCL | 1.1E+05 | -- | 7E-02 | -- |
| 24402 NEPTUNE AVE | TPH as Gasoline | mg/kg | 67.16 | 95UCL | 6.6E+04 | -- | 1E-03 | -- |
| 24402 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 8158 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24402 NEPTUNE AVE | Xylenes, Total | ug/kg | 2.478 | 95UCL | 4.9E+07 | -- | 5E-08 | -- |
| 24402 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.252 | 95UCL | 7.2E+06 | -- | 4E-08 | -- |
| 24402 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.21 | Max | 7.4E+06 | -- | 3E-08 | -- |
| 24402 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0038 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 3E-12 |
| 24402 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 0.066 | Max | 1.1E+04 | 1.4E+02 | 6E-06 | 5E-10 |
| 24402 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0034 | 95UCL | 2.0E+04 | -- | 2E-07 | -- |
| 24402 PANAMA AVE | Benzene | ug/kg | 0.221 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 24402 PANAMA AVE | Cobalt | mg/kg | 12.3 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 24402 PANAMA AVE | Ethylbenzene | ug/kg | 0.54 | Max | 2.9E+08 | 4.2E+05 | 2E-09 | 1E-12 |
| 24402 PANAMA AVE | Naphthalene | mg/kg | 0.00268 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-07 | 8E-12 |
| 24402 PANAMA AVE | Pyrene | mg/kg | 0.0702 | 95UCL | 1.5E+05 | -- | 5E-07 | -- |
| 24402 PANAMA AVE | Toluene | ug/kg | 0.366 | 95UCL | 4.2E+08 | -- | 9E-10 | -- |
| 24402 PANAMA AVE | TPH as Diesel | mg/kg | 12 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 24402 PANAMA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24402 PANAMA AVE | TPH as Motor Oil | mg/kg | 51 | Max | 2.9E+05 | -- | 2E-04 | -- |
| 24402 PANAMA AVE | Trichloroethene | ug/kg | 0.17 | Max | 5.0E+05 | 1.0E+05 | 3E-07 | 2E-12 |
| 24402 PANAMA AVE | Vanadium | mg/kg | 45.43 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 24402 PANAMA AVE | Xylenes, Total | ug/kg | 0.425 | 95UCL | 4.9E+07 | -- | 9E-09 | -- |
| 24402 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 32646 | 95UCL | 7.2E+06 | -- | 5E-03 | -- |
| 24402 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 5918 | 95UCL | 7.4E+06 | -- | 8E-04 | -- |
| 24402 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 56.19 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-04 | 4E-08 |
| 24402 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 80.83 | 95UCL | 2.0E+04 | -- | 4E-03 | -- |
| 24402 RAVENNA AVE | Benzene | ug/kg | 12727 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-03 | 7E-07 |
| 24402 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.17 | Max | 2.1E+04 | 1.1E+02 | 8E-06 | 2E-09 |
| 24402 RAVENNA AVE | Cobalt | mg/kg | 12.36 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 24402 RAVENNA AVE | Ethylbenzene | ug/kg | 19470 | 95UCL | 2.9E+08 | 4.2E+05 | 7E-05 | 5E-08 |
| 24402 RAVENNA AVE | Naphthalene | mg/kg | 34.81 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-03 | 1E-07 |
| 24402 RAVENNA AVE | Pyrene | mg/kg | 1.314 | 95UCL | 1.5E+05 | -- | 9E-06 | -- |
| 24402 RAVENNA AVE | Toluene | ug/kg | 81.09 | 95UCL | 4.2E+08 | -- | 2E-07 | -- |
| 24402 RAVENNA AVE | TPH as Diesel | mg/kg | 21795 | 95UCL | 1.1E+05 | -- | 2E-01 | -- |
| 24402 RAVENNA AVE | TPH as Gasoline | mg/kg | 3903 | 95UCL | 6.6E+04 | -- | 6E-02 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24402 RAVENNA AVE | TPH as Motor Oil | mg/kg | 18655 | 95UCL | 2.9E+05 | -- | 6E-02 | -- |
| 24402 RAVENNA AVE | Xylenes, Total | ug/kg | 15547 | 95UCL | 4.9E+07 | -- | 3E-04 | -- |
| 24403 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 18000 | 95UCL | 7.2E+06 | -- | 3E-03 | -- |
| 24403 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 3993 | 95UCL | 7.4E+06 | -- | 5E-04 | -- |
| 24403 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 14.31 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24403 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 21.93 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24403 NEPTUNE AVE | Benzene | ug/kg | 4198 | 95UCL | 5.8E+06 | 1.9E+04 | 7E-04 | 2E-07 |
| 24403 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24403 NEPTUNE AVE | Cobalt | mg/kg | 14.4 | 95UCL | 2.1E+03 | 2.7E+06 | 7E-03 | 5E-12 |
| 24403 NEPTUNE AVE | Ethylbenzene | ug/kg | 5324 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24403 NEPTUNE AVE | Naphthalene | mg/kg | 9.222 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24403 NEPTUNE AVE | Pyrene | mg/kg | 2.471 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24403 NEPTUNE AVE | Toluene | ug/kg | 2100 | Max | 4.2E+08 | -- | 5E-06 | -- |
| 24403 NEPTUNE AVE | TPH as Diesel | mg/kg | 14785 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24403 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1343 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24403 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 16210 | 95UCL | 2.9E+05 | -- | 6E-02 | -- |
| 24403 NEPTUNE AVE | Xylenes, Total | ug/kg | 22000 | 95UCL | 4.9E+07 | -- | 5E-04 | -- |
| 24403 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1069 | 95UCL | 7.2E+06 | -- | 2E-04 | -- |
| 24403 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 2100 | Max | 7.4E+06 | -- | 3E-04 | -- |
| 24403 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.925 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-05 | 3E-09 |
| 24403 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 5.328 | 95UCL | 2.0E+04 | -- | 3E-04 | -- |
| 24403 RAVENNA AVE | Benzene | ug/kg | 25.56 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-06 | 1E-09 |
| 24403 RAVENNA AVE | Bromomethane | ug/kg | 2.4 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 24403 RAVENNA AVE | Cobalt | mg/kg | 10.76 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24403 RAVENNA AVE | Ethylbenzene | ug/kg | 481.5 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-06 | 1E-09 |
| 24403 RAVENNA AVE | Naphthalene | mg/kg | 2.255 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 7E-09 |
| 24403 RAVENNA AVE | Pyrene | mg/kg | 1.551 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |
| 24403 RAVENNA AVE | Toluene | ug/kg | 4.486 | 95UCL | 4.2E+08 | -- | 1E-08 | -- |
| 24403 RAVENNA AVE | TPH as Diesel | mg/kg | 4396 | 95UCL | 1.1E+05 | -- | 4E-02 | -- |
| 24403 RAVENNA AVE | TPH as Gasoline | mg/kg | 257.4 | 95UCL | 6.6E+04 | -- | 4E-03 | -- |
| 24403 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4680 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24403 RAVENNA AVE | Vinyl Chloride | ug/kg | 0.18 | Max | 6.4E+06 | 2.8E+03 | 3E-08 | 7E-11 |
| 24403 RAVENNA AVE | Xylenes, Total | ug/kg | 711.9 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24405 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0021 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24405 MARBELLA AVE | Benzene | ug/kg | 0.15 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 24405 MARBELLA AVE | Cobalt | mg/kg | 16.5 | Max | 2.1E+03 | 2.7E+06 | 8E-03 | 6E-12 |
| 24405 MARBELLA AVE | Naphthalene | mg/kg | 0.0015 | Max | 1.3E+04 | 3.5E+02 | 1E-07 | 4E-12 |
| 24405 MARBELLA AVE | Pyrene | mg/kg | 0.034 | Max | 1.5E+05 | -- | 2E-07 | -- |
| 24405 MARBELLA AVE | Toluene | ug/kg | 0.21 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24406 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 18000 | Max | 7.2E+06 | -- | 3E-03 | -- |
| 24406 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 6000 | Max | 7.4E+06 | -- | 8E-04 | -- |
| 24406 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 18 | Max | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24406 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 27 | Max | 2.0E+04 | -- | 1E-03 | -- |
| 24406 MARBELLA AVE | Benzene | ug/kg | 11000 | Max | 5.8E+06 | 1.9E+04 | 2E-03 | 6E-07 |
| 24406 MARBELLA AVE | Bromomethane | ug/kg | 380 | Max | 7.7E+05 | -- | 5E-04 | -- |
| 24406 MARBELLA AVE | Cobalt | mg/kg | 9.229 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 3E-12 |
| 24406 MARBELLA AVE | Ethylbenzene | ug/kg | 15000 | Max | 2.9E+08 | 4.2E+05 | 5E-05 | 4E-08 |
| 24406 MARBELLA AVE | Naphthalene | mg/kg | 14 | Max | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |
| 24406 MARBELLA AVE | Pyrene | mg/kg | 0.406 | 95UCL | 1.5E+05 | -- | 3E-06 | -- |
| 24406 MARBELLA AVE | Toluene | ug/kg | 9400 | Max | 4.2E+08 | -- | 2E-05 | -- |
| 24406 MARBELLA AVE | TPH as Diesel | mg/kg | 15000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24406 MARBELLA AVE | TPH as Gasoline | mg/kg | 3100 | Max | 6.6E+04 | -- | 5E-02 | -- |
| 24406 MARBELLA AVE | TPH as Motor Oil | mg/kg | 5355 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24406 MARBELLA AVE | Xylenes, Total | ug/kg | 27000 | Max | 4.9E+07 | -- | 6E-04 | -- |
| 24406 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 2195 | 95UCL | 7.2E+06 | -- | 3E-04 | -- |
| 24406 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 720 | Max | 7.4E+06 | -- | 1E-04 | -- |
| 24406 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.776 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-05 | 4E-09 |
| 24406 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 6.851 | 95UCL | 2.0E+04 | -- | 3E-04 | -- |
| 24406 NEPTUNE AVE | Benzene | ug/kg | 79.6 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-05 | 4E-09 |
| 24406 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.16 | Max | 1.1E+05 | 3.0E+03 | 2E-06 | 5E-11 |
| 24406 NEPTUNE AVE | Cobalt | mg/kg | 12.6 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 24406 NEPTUNE AVE | Ethylbenzene | ug/kg | 1299 | 95UCL | 2.9E+08 | 4.2E+05 | 5E-06 | 3E-09 |
| 24406 NEPTUNE AVE | Naphthalene | mg/kg | 2.205 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 6E-09 |
| 24406 NEPTUNE AVE | Pyrene | mg/kg | 2.574 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24406 NEPTUNE AVE | TPH as Diesel | mg/kg | 20202 | 95UCL | 1.1E+05 | -- | 2E-01 | -- |
| 24406 NEPTUNE AVE | TPH as Gasoline | mg/kg | 341.2 | 95UCL | 6.6E+04 | -- | 5E-03 | -- |
| 24406 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 43095 | 95UCL | 2.9E+05 | -- | 2E-01 | -- |
| 24406 NEPTUNE AVE | Xylenes, Total | ug/kg | 1286 | 95UCL | 4.9E+07 | -- | 3E-05 | -- |
| 24406 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0013 | Max | 2.0E+04 | -- | 7E-08 | -- |
| 24406 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.062 | Max | 2.1E+04 | 1.1E+02 | 3E-06 | 6E-10 |
| 24406 PANAMA AVE | Cobalt | mg/kg | 7.81 | Max | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24406 PANAMA AVE | Naphthalene | mg/kg | 0.00047 | Max | 1.3E+04 | 3.5E+02 | 4E-08 | 1E-12 |
| 24406 PANAMA AVE | Pyrene | mg/kg | 0.012 | Max | 1.5E+05 | -- | 8E-08 | -- |
| 24406 PANAMA AVE | TPH as Diesel | mg/kg | 15 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 24406 PANAMA AVE | TPH as Motor Oil | mg/kg | 49 | Max | 2.9E+05 | -- | 2E-04 | -- |
| 24406 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 110 | Max | 7.2E+06 | -- | 2E-05 | -- |
| 24406 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 16 | Max | 7.4E+06 | -- | 2E-06 | -- |
| 24406 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.987 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-06 | 2E-09 |
| 24406 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 3.9 | 95UCL | 2.0E+04 | -- | 2E-04 | -- |
| 24406 RAVENNA AVE | Ethylbenzene | ug/kg | 360 | Max | 2.9E+08 | 4.2E+05 | 1E-06 | 9E-10 |
| 24406 RAVENNA AVE | Naphthalene | mg/kg | 0.776 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-05 | 2E-09 |
| 24406 RAVENNA AVE | Pyrene | mg/kg | 0.464 | 95UCL | 1.5E+05 | -- | 3E-06 | -- |
| 24406 RAVENNA AVE | Toluene | ug/kg | 14 | Max | 4.2E+08 | -- | 3E-08 | -- |
| 24406 RAVENNA AVE | TPH as Diesel | mg/kg | 3398 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 24406 RAVENNA AVE | TPH as Gasoline | mg/kg | 9.995 | 95UCL | 6.6E+04 | -- | 2E-04 | -- |
| 24406 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4904 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24406 RAVENNA AVE | Xylenes, Total | ug/kg | 110 | Max | 4.9E+07 | -- | 2E-06 | -- |
| 24409 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 120 | Max | 7.2E+06 | -- | 2E-05 | -- |
| 24409 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.19 | Max | 7.4E+06 | -- | 3E-08 | -- |
| 24409 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.2 | Max | 3.5E+05 | 1.4E+03 | 1E-05 | 3E-09 |
| 24409 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 5.7 | Max | 2.0E+04 | -- | 3E-04 | -- |
| 24409 NEPTUNE AVE | Benzene | ug/kg | 460 | Max | 5.8E+06 | 1.9E+04 | 8E-05 | 2E-08 |
| 24409 NEPTUNE AVE | Ethylbenzene | ug/kg | 1400 | Max | 2.9E+08 | 4.2E+05 | 5E-06 | 3E-09 |
| 24409 NEPTUNE AVE | Naphthalene | mg/kg | 2 | Max | 1.3E+04 | 3.5E+02 | 2E-04 | 6E-09 |
| 24409 NEPTUNE AVE | Pyrene | mg/kg | 0.54 | Max | 1.5E+05 | -- | 4E-06 | -- |
| 24409 NEPTUNE AVE | Toluene | ug/kg | 0.25 | Max | 4.2E+08 | -- | 6E-10 | -- |
| 24409 NEPTUNE AVE | TPH as Diesel | mg/kg | 10000 | Max | 1.1E+05 | -- | 9E-02 | -- |
| 24409 NEPTUNE AVE | TPH as Gasoline | mg/kg | 470 | Max | 6.6E+04 | -- | 7E-03 | -- |
| 24409 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 16000 | Max | 2.9E+05 | -- | 6E-02 | -- |
| 24409 NEPTUNE AVE | Xylenes, Total | ug/kg | 1.9 | Max | 4.9E+07 | -- | 4E-08 | -- |
| 24409 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.399 | 95UCL | 7.2E+06 | -- | 6E-08 | -- |
| 24409 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.22 | Max | 7.4E+06 | -- | 3E-08 | -- |
| 24409 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.339 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-05 | 2E-09 |
| 24409 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 8.7 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 24409 RAVENNA AVE | Benzene | ug/kg | 0.25 | Max | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 24409 RAVENNA AVE | Cobalt | mg/kg | 11.05 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |

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**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24409 RAVENNA AVE | Ethylbenzene | ug/kg | 40.7 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-07 | 1E-10 |
| 24409 RAVENNA AVE | Naphthalene | mg/kg | 2.6 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 8E-09 |
| 24409 RAVENNA AVE | Pyrene | mg/kg | 2.39 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24409 RAVENNA AVE | Toluene | ug/kg | 0.39 | Max | 4.2E+08 | -- | 9E-10 | -- |
| 24409 RAVENNA AVE | TPH as Diesel | mg/kg | 5384 | 95UCL | 1.1E+05 | -- | 5E-02 | -- |
| 24409 RAVENNA AVE | TPH as Gasoline | mg/kg | 197.9 | 95UCL | 6.6E+04 | -- | 3E-03 | -- |
| 24409 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6945 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24409 RAVENNA AVE | Xylenes, Total | ug/kg | 1.712 | 95UCL | 4.9E+07 | -- | 4E-08 | -- |
| 24410 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0007 | 95UCL | 2.0E+04 | -- | 4E-08 | -- |
| 24410 PANAMA AVE | Benzene | ug/kg | 0.33 | Max | 5.8E+06 | 1.9E+04 | 6E-08 | 2E-11 |
| 24410 PANAMA AVE | Bromomethane | ug/kg | 2.3 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 24410 PANAMA AVE | Cobalt | mg/kg | 10.49 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24410 PANAMA AVE | Naphthalene | mg/kg | 0.017 | Max | 1.3E+04 | 3.5E+02 | 1E-06 | 5E-11 |
| 24410 PANAMA AVE | Pyrene | mg/kg | 0.0309 | 95UCL | 1.5E+05 | -- | 2E-07 | -- |
| 24410 PANAMA AVE | Toluene | ug/kg | 0.2 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24411 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.6 | Max | 7.2E+06 | -- | 8E-08 | -- |
| 24411 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.016 | Max | 3.5E+05 | 1.4E+03 | 5E-08 | 1E-11 |
| 24411 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.019 | Max | 2.0E+04 | -- | 1E-06 | -- |
| 24411 MARBELLA AVE | Cobalt | mg/kg | 10.87 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24411 MARBELLA AVE | Naphthalene | mg/kg | 0.14 | Max | 1.3E+04 | 3.5E+02 | 1E-05 | 4E-10 |
| 24411 MARBELLA AVE | Pyrene | mg/kg | 0.0146 | 95UCL | 1.5E+05 | -- | 1E-07 | -- |
| 24411 MARBELLA AVE | Tetrachloroethene | ug/kg | 0.34 | Max | 7.5E+06 | 4.9E+04 | 5E-08 | 7E-12 |
| 24411 MARBELLA AVE | Toluene | ug/kg | 0.21 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24411 MARBELLA AVE | TPH as Diesel | mg/kg | 11 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 24411 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.065 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24411 MARBELLA AVE | TPH as Motor Oil | mg/kg | 26 | Max | 2.9E+05 | -- | 9E-05 | -- |
| 24411 MARBELLA AVE | Xylenes, Total | ug/kg | 0.28 | Max | 4.9E+07 | -- | 6E-09 | -- |
| 24411 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 10451 | 95UCL | 7.2E+06 | -- | 1E-03 | -- |
| 24411 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 6100 | Max | 7.4E+06 | -- | 8E-04 | -- |
| 24411 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 21.78 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-05 | 2E-08 |
| 24411 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 36 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24411 PANAMA AVE | Benzene | ug/kg | 5626 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-03 | 3E-07 |
| 24411 PANAMA AVE | Bromomethane | ug/kg | 270 | Max | 7.7E+05 | -- | 4E-04 | -- |
| 24411 PANAMA AVE | Cobalt | mg/kg | 12.92 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 24411 PANAMA AVE | Ethylbenzene | ug/kg | 8600 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-05 | 2E-08 |
| 24411 PANAMA AVE | Naphthalene | mg/kg | 16.54 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 5E-08 |
| 24411 PANAMA AVE | Pyrene | mg/kg | 0.301 | 95UCL | 1.5E+05 | -- | 2E-06 | -- |
| 24411 PANAMA AVE | Toluene | ug/kg | 1800 | Max | 4.2E+08 | -- | 4E-06 | -- |
| 24411 PANAMA AVE | TPH as Diesel | mg/kg | 13111 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24411 PANAMA AVE | TPH as Gasoline | mg/kg | 2167 | 95UCL | 6.6E+04 | -- | 3E-02 | -- |
| 24411 PANAMA AVE | TPH as Motor Oil | mg/kg | 10949 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24411 PANAMA AVE | Xylenes, Total | ug/kg | 9400 | Max | 4.9E+07 | -- | 2E-04 | -- |
| 24412 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 27000 | Max | 7.2E+06 | -- | 4E-03 | -- |
| 24412 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 7900 | Max | 7.4E+06 | -- | 1E-03 | -- |
| 24412 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 17 | Max | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24412 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 31 | Max | 2.0E+04 | -- | 2E-03 | -- |
| 24412 MARBELLA AVE | Benzene | ug/kg | 5400 | Max | 5.8E+06 | 1.9E+04 | 9E-04 | 3E-07 |
| 24412 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.49 | Max | 1.1E+05 | 3.0E+03 | 5E-06 | 2E-10 |
| 24412 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.19 | Max | 2.1E+04 | 1.1E+02 | 9E-06 | 2E-09 |
| 24412 MARBELLA AVE | Cobalt | mg/kg | 31.3 | Max | 2.1E+03 | 2.7E+06 | 2E-02 | 1E-11 |
| 24412 MARBELLA AVE | Ethylbenzene | ug/kg | 11000 | Max | 2.9E+08 | 4.2E+05 | 4E-05 | 3E-08 |
| 24412 MARBELLA AVE | Naphthalene | mg/kg | 18 | Max | 1.3E+04 | 3.5E+02 | 1E-03 | 5E-08 |
| 24412 MARBELLA AVE | Pyrene | mg/kg | 0.78 | Max | 1.5E+05 | -- | 5E-06 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24412 MARBELLA AVE | Toluene | ug/kg | 160 | Max | 4.2E+08 | -- | 4E-07 | -- |
| 24412 MARBELLA AVE | TPH as Diesel | mg/kg | 14000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24412 MARBELLA AVE | TPH as Gasoline | mg/kg | 3400 | Max | 6.6E+04 | -- | 5E-02 | -- |
| 24412 MARBELLA AVE | TPH as Motor Oil | mg/kg | 15000 | Max | 2.9E+05 | -- | 5E-02 | -- |
| 24412 MARBELLA AVE | Vanadium | mg/kg | 61.9 | Max | 3.4E+04 | -- | 2E-03 | -- |
| 24412 MARBELLA AVE | Xylenes, Total | ug/kg | 28000 | Max | 4.9E+07 | -- | 6E-04 | -- |
| 24412 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 23.59 | 95UCL | 7.2E+06 | -- | 3E-06 | -- |
| 24412 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 5.659 | 95UCL | 7.4E+06 | -- | 8E-07 | -- |
| 24412 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.707 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-06 | 1E-09 |
| 24412 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 2.363 | 95UCL | 2.0E+04 | -- | 1E-04 | -- |
| 24412 RAVENNA AVE | Benzene | ug/kg | 2.359 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-07 | 1E-10 |
| 24412 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24412 RAVENNA AVE | Cobalt | mg/kg | 11.08 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24412 RAVENNA AVE | Ethylbenzene | ug/kg | 56.1 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-07 | 1E-10 |
| 24412 RAVENNA AVE | Naphthalene | mg/kg | 0.746 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-05 | 2E-09 |
| 24412 RAVENNA AVE | Pyrene | mg/kg | 1.205 | 95UCL | 1.5E+05 | -- | 8E-06 | -- |
| 24412 RAVENNA AVE | Toluene | ug/kg | 9.427 | 95UCL | 4.2E+08 | -- | 2E-08 | -- |
| 24412 RAVENNA AVE | TPH as Diesel | mg/kg | 6589 | 95UCL | 1.1E+05 | -- | 6E-02 | -- |
| 24412 RAVENNA AVE | TPH as Gasoline | mg/kg | 210 | 95UCL | 6.6E+04 | -- | 3E-03 | -- |
| 24412 RAVENNA AVE | TPH as Motor Oil | mg/kg | 9461 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24412 RAVENNA AVE | Xylenes, Total | ug/kg | 17.72 | 95UCL | 4.9E+07 | -- | 4E-07 | -- |
| 24413 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 8800 | Max | 7.2E+06 | -- | 1E-03 | -- |
| 24413 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 160 | Max | 7.4E+06 | -- | 2E-05 | -- |
| 24413 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 8 | Max | 3.5E+05 | 1.4E+03 | 2E-05 | 6E-09 |
| 24413 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 13 | Max | 2.0E+04 | -- | 7E-04 | -- |
| 24413 NEPTUNE AVE | Benzene | ug/kg | 1000 | Max | 5.8E+06 | 1.9E+04 | 2E-04 | 5E-08 |
| 24413 NEPTUNE AVE | Ethylbenzene | ug/kg | 3700 | Max | 2.9E+08 | 4.2E+05 | 1E-05 | 9E-09 |
| 24413 NEPTUNE AVE | Naphthalene | mg/kg | 4.6 | Max | 1.3E+04 | 3.5E+02 | 4E-04 | 1E-08 |
| 24413 NEPTUNE AVE | Pyrene | mg/kg | 1.8 | Max | 1.5E+05 | -- | 1E-05 | -- |
| 24413 NEPTUNE AVE | Toluene | ug/kg | 22 | Max | 4.2E+08 | -- | 5E-08 | -- |
| 24413 NEPTUNE AVE | TPH as Diesel | mg/kg | 13000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24413 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1200 | Max | 6.6E+04 | -- | 2E-02 | -- |
| 24413 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 16000 | Max | 2.9E+05 | -- | 6E-02 | -- |
| 24413 NEPTUNE AVE | Xylenes, Total | ug/kg | 2800 | Max | 4.9E+07 | -- | 6E-05 | -- |
| 24413 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1.2 | Max | 7.2E+06 | -- | 2E-07 | -- |
| 24413 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.25 | Max | 7.4E+06 | -- | 3E-08 | -- |
| 24413 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.8 | Max | 3.5E+05 | 1.4E+03 | 8E-06 | 2E-09 |
| 24413 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 3.1 | Max | 2.0E+04 | -- | 2E-04 | -- |
| 24413 RAVENNA AVE | Benzene | ug/kg | 0.23 | Max | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 24413 RAVENNA AVE | Cobalt | mg/kg | 12.2 | Max | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 24413 RAVENNA AVE | Ethylbenzene | ug/kg | 1.2 | Max | 2.9E+08 | 4.2E+05 | 4E-09 | 3E-12 |
| 24413 RAVENNA AVE | Naphthalene | mg/kg | 0.47 | Max | 1.3E+04 | 3.5E+02 | 4E-05 | 1E-09 |
| 24413 RAVENNA AVE | Pyrene | mg/kg | 1.6 | Max | 1.5E+05 | -- | 1E-05 | -- |
| 24413 RAVENNA AVE | Toluene | ug/kg | 0.21 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24413 RAVENNA AVE | TPH as Diesel | mg/kg | 7700 | Max | 1.1E+05 | -- | 7E-02 | -- |
| 24413 RAVENNA AVE | TPH as Gasoline | mg/kg | 2.1 | Max | 6.6E+04 | -- | 3E-05 | -- |
| 24413 RAVENNA AVE | TPH as Motor Oil | mg/kg | 10000 | Max | 2.9E+05 | -- | 3E-02 | -- |
| 24413 RAVENNA AVE | Xylenes, Total | ug/kg | 1.5 | Max | 4.9E+07 | -- | 3E-08 | -- |
| 24416 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 8717 | 95UCL | 7.2E+06 | -- | 1E-03 | -- |
| 24416 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 501.3 | 95UCL | 7.4E+06 | -- | 7E-05 | -- |
| 24416 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 13.91 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24416 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 19.34 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24416 MARBELLA AVE | Benzene | ug/kg | 639.7 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 3E-08 |
| 24416 MARBELLA AVE | Cobalt | mg/kg | 14.17 | 95UCL | 2.1E+03 | 2.7E+06 | 7E-03 | 5E-12 |
| 24416 MARBELLA AVE | Ethylbenzene | ug/kg | 9677 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-05 | 2E-08 |
| 24416 MARBELLA AVE | Naphthalene | mg/kg | 12.42 | 95UCL | 1.3E+04 | 3.5E+02 | 9E-04 | 4E-08 |
| 24416 MARBELLA AVE | Pyrene | mg/kg | 2.04 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24416 MARBELLA AVE | Toluene | ug/kg | 970 | Max | 4.2E+08 | -- | 2E-06 | -- |
| 24416 MARBELLA AVE | TPH as Diesel | mg/kg | 9740 | 95UCL | 1.1E+05 | -- | 9E-02 | -- |
| 24416 MARBELLA AVE | TPH as Gasoline | mg/kg | 2060 | 95UCL | 6.6E+04 | -- | 3E-02 | -- |
| 24416 MARBELLA AVE | TPH as Motor Oil | mg/kg | 9519 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24416 MARBELLA AVE | Vanadium | mg/kg | 50.19 | 95UCL | 3.4E+04 | -- | 2E-03 | -- |
| 24416 MARBELLA AVE | Xylenes, Total | ug/kg | 2815 | 95UCL | 4.9E+07 | -- | 6E-05 | -- |
| 24416 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 9.8 | Max | 7.2E+06 | -- | 1E-06 | -- |
| 24416 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.68 | Max | 7.4E+06 | -- | 9E-08 | -- |
| 24416 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.028 | Max | 3.5E+05 | 1.4E+03 | 8E-08 | 2E-11 |
| 24416 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.033 | Max | 2.0E+04 | -- | 2E-06 | -- |
| 24416 NEPTUNE AVE | Benzene | ug/kg | 9.5 | Max | 5.8E+06 | 1.9E+04 | 2E-06 | 5E-10 |
| 24416 NEPTUNE AVE | Ethylbenzene | ug/kg | 12 | Max | 2.9E+08 | 4.2E+05 | 4E-08 | 3E-11 |
| 24416 NEPTUNE AVE | Naphthalene | mg/kg | 0.021 | Max | 1.3E+04 | 3.5E+02 | 2E-06 | 6E-11 |
| 24416 NEPTUNE AVE | Pyrene | mg/kg | 0.12 | Max | 1.5E+05 | -- | 8E-07 | -- |
| 24416 NEPTUNE AVE | TPH as Diesel | mg/kg | 230 | Max | 1.1E+05 | -- | 2E-03 | -- |
| 24416 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1 | Max | 6.6E+04 | -- | 2E-05 | -- |
| 24416 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 410 | Max | 2.9E+05 | -- | 1E-03 | -- |
| 24416 NEPTUNE AVE | Xylenes, Total | ug/kg | 5.2 | Max | 4.9E+07 | -- | 1E-07 | -- |
| 24416 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0011 | Max | 2.0E+04 | -- | 6E-08 | -- |
| 24416 PANAMA AVE | Benzene | ug/kg | 0.5 | Max | 5.8E+06 | 1.9E+04 | 9E-08 | 3E-11 |
| 24416 PANAMA AVE | Cobalt | mg/kg | 7.947 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24416 PANAMA AVE | Pyrene | mg/kg | 0.0033 | 95UCL | 1.5E+05 | -- | 2E-08 | -- |
| 24416 PANAMA AVE | Toluene | ug/kg | 0.66 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24416 PANAMA AVE | TPH as Gasoline | mg/kg | 0.076 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24416 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1.996 | 95UCL | 7.2E+06 | -- | 3E-07 | -- |
| 24416 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.598 | 95UCL | 7.4E+06 | -- | 8E-08 | -- |
| 24416 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.756 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-06 | 6E-10 |
| 24416 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.643 | 95UCL | 2.0E+04 | -- | 3E-05 | -- |
| 24416 RAVENNA AVE | Benzene | ug/kg | 0.869 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-07 | 5E-11 |
| 24416 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24416 RAVENNA AVE | Ethylbenzene | ug/kg | 33.02 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-07 | 8E-11 |
| 24416 RAVENNA AVE | Naphthalene | mg/kg | 0.315 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-05 | 9E-10 |
| 24416 RAVENNA AVE | Pyrene | mg/kg | 0.435 | 95UCL | 1.5E+05 | -- | 3E-06 | -- |
| 24416 RAVENNA AVE | Toluene | ug/kg | 0.378 | 95UCL | 4.2E+08 | -- | 9E-10 | -- |
| 24416 RAVENNA AVE | TPH as Diesel | mg/kg | 2821 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 24416 RAVENNA AVE | TPH as Gasoline | mg/kg | 455 | 95UCL | 6.6E+04 | -- | 7E-03 | -- |
| 24416 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4719 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24416 RAVENNA AVE | Xylenes, Total | ug/kg | 2.997 | 95UCL | 4.9E+07 | -- | 6E-08 | -- |
| 24417 MARBELLA AVE | Benzene | ug/kg | 0.12 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 6E-12 |
| 24417 MARBELLA AVE | Cobalt | mg/kg | 11.2 | Max | 2.1E+03 | 2.7E+06 | 6E-03 | 4E-12 |
| 24417 MARBELLA AVE | Naphthalene | mg/kg | 0.0014 | Max | 1.3E+04 | 3.5E+02 | 1E-07 | 4E-12 |
| 24417 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 643.4 | 95UCL | 7.2E+06 | -- | 9E-05 | -- |
| 24417 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 213.8 | 95UCL | 7.4E+06 | -- | 3E-05 | -- |
| 24417 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 15.36 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24417 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 23.24 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24417 PANAMA AVE | Benzene | ug/kg | 2063 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-04 | 1E-07 |
| 24417 PANAMA AVE | Cobalt | mg/kg | 11.22 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 4E-12 |
| 24417 PANAMA AVE | Ethylbenzene | ug/kg | 6409 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 2E-08 |
| 24417 PANAMA AVE | Naphthalene | mg/kg | 10.99 | 95UCL | 1.3E+04 | 3.5E+02 | 8E-04 | 3E-08 |
| 24417 PANAMA AVE | Pyrene | mg/kg | 0.815 | 95UCL | 1.5E+05 | -- | 5E-06 | -- |
| 24417 PANAMA AVE | Toluene | ug/kg | 8.045 | 95UCL | 4.2E+08 | -- | 2E-08 | -- |
| 24417 PANAMA AVE | TPH as Diesel | mg/kg | 9367 | 95UCL | 1.1E+05 | -- | 9E-02 | -- |
| 24417 PANAMA AVE | TPH as Gasoline | mg/kg | 1843 | 95UCL | 6.6E+04 | -- | 3E-02 | -- |
| 24417 PANAMA AVE | TPH as Motor Oil | mg/kg | 9268 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24417 PANAMA AVE | Xylenes, Total | ug/kg | 1986 | 95UCL | 4.9E+07 | -- | 4E-05 | -- |
| 24419 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 775.1 | 95UCL | 7.2E+06 | -- | 1E-04 | -- |
| 24419 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 188.7 | 95UCL | 7.4E+06 | -- | 3E-05 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24419 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 6.827 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 5E-09 |
| 24419 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 9.457 | 95UCL | 2.0E+04 | -- | 5E-04 | -- |
| 24419 NEPTUNE AVE | Benzene | ug/kg | 717.4 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24419 NEPTUNE AVE | Ethylbenzene | ug/kg | 2495 | 95UCL | 2.9E+08 | 4.2E+05 | 9E-06 | 6E-09 |
| 24419 NEPTUNE AVE | Naphthalene | mg/kg | 3.3 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-04 | 1E-08 |
| 24419 NEPTUNE AVE | Pyrene | mg/kg | 1.146 | 95UCL | 1.5E+05 | -- | 8E-06 | -- |
| 24419 NEPTUNE AVE | Toluene | ug/kg | 18.83 | 95UCL | 4.2E+08 | -- | 5E-08 | -- |
| 24419 NEPTUNE AVE | TPH as Diesel | mg/kg | 9081 | 95UCL | 1.1E+05 | -- | 8E-02 | -- |
| 24419 NEPTUNE AVE | TPH as Gasoline | mg/kg | 369.4 | 95UCL | 6.6E+04 | -- | 6E-03 | -- |
| 24419 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 9817 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24419 NEPTUNE AVE | Xylenes, Total | ug/kg | 205 | 95UCL | 4.9E+07 | -- | 4E-06 | -- |
| 24419 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 419.6 | 95UCL | 7.2E+06 | -- | 6E-05 | -- |
| 24419 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 44.92 | 95UCL | 7.4E+06 | -- | 6E-06 | -- |
| 24419 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.814 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-06 | 1E-09 |
| 24419 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 2.657 | 95UCL | 2.0E+04 | -- | 1E-04 | -- |
| 24419 RAVENNA AVE | Benzene | ug/kg | 17.3 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-06 | 9E-10 |
| 24419 RAVENNA AVE | Bromomethane | ug/kg | 500 | Max | 7.7E+05 | -- | 7E-04 | -- |
| 24419 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.13 | Max | 2.1E+04 | 1.1E+02 | 6E-06 | 1E-09 |
| 24419 RAVENNA AVE | Ethylbenzene | ug/kg | 109.9 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-07 | 3E-10 |
| 24419 RAVENNA AVE | Naphthalene | mg/kg | 0.973 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-05 | 3E-09 |
| 24419 RAVENNA AVE | Pyrene | mg/kg | 0.278 | 95UCL | 1.5E+05 | -- | 2E-06 | -- |
| 24419 RAVENNA AVE | Toluene | ug/kg | 0.233 | 95UCL | 4.2E+08 | -- | 6E-10 | -- |
| 24419 RAVENNA AVE | TPH as Diesel | mg/kg | 784.1 | 95UCL | 1.1E+05 | -- | 7E-03 | -- |
| 24419 RAVENNA AVE | TPH as Gasoline | mg/kg | 73.84 | 95UCL | 6.6E+04 | -- | 1E-03 | -- |
| 24419 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1395 | 95UCL | 2.9E+05 | -- | 5E-03 | -- |
| 24419 RAVENNA AVE | Xylenes, Total | ug/kg | 134.4 | 95UCL | 4.9E+07 | -- | 3E-06 | -- |
| 24420 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.44 | Max | 7.2E+06 | -- | 6E-08 | -- |
| 24420 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0056 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 4E-12 |
| 24420 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.014 | Max | 2.0E+04 | -- | 7E-07 | -- |
| 24420 PANAMA AVE | Benzene | ug/kg | 1.9 | Max | 5.8E+06 | 1.9E+04 | 3E-07 | 1E-10 |
| 24420 PANAMA AVE | Ethylbenzene | ug/kg | 0.32 | Max | 2.9E+08 | 4.2E+05 | 1E-09 | 8E-13 |
| 24420 PANAMA AVE | Naphthalene | mg/kg | 0.044 | Max | 1.3E+04 | 3.5E+02 | 3E-06 | 1E-10 |
| 24420 PANAMA AVE | Pyrene | mg/kg | 0.013 | Max | 1.5E+05 | -- | 9E-08 | -- |
| 24420 PANAMA AVE | Toluene | ug/kg | 0.47 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24420 PANAMA AVE | TPH as Diesel | mg/kg | 290 | Max | 1.1E+05 | -- | 3E-03 | -- |
| 24420 PANAMA AVE | TPH as Motor Oil | mg/kg | 750 | Max | 2.9E+05 | -- | 3E-03 | -- |
| 24421 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 2900 | Max | 7.2E+06 | -- | 4E-04 | -- |
| 24421 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 320 | Max | 7.4E+06 | -- | 4E-05 | -- |
| 24421 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 22.6 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-05 | 2E-08 |
| 24421 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 35.53 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24421 PANAMA AVE | Benzene | ug/kg | 94 | Max | 5.8E+06 | 1.9E+04 | 2E-05 | 5E-09 |
| 24421 PANAMA AVE | Ethylbenzene | ug/kg | 7821 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-05 | 2E-08 |
| 24421 PANAMA AVE | Naphthalene | mg/kg | 19.81 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-03 | 6E-08 |
| 24421 PANAMA AVE | Pyrene | mg/kg | 0.574 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 24421 PANAMA AVE | Toluene | ug/kg | 12 | Max | 4.2E+08 | -- | 3E-08 | -- |
| 24421 PANAMA AVE | TPH as Diesel | mg/kg | 17721 | 95UCL | 1.1E+05 | -- | 2E-01 | -- |
| 24421 PANAMA AVE | TPH as Gasoline | mg/kg | 2325 | 95UCL | 6.6E+04 | -- | 4E-02 | -- |
| 24421 PANAMA AVE | TPH as Motor Oil | mg/kg | 12406 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24421 PANAMA AVE | Xylenes, Total | ug/kg | 341.8 | 95UCL | 4.9E+07 | -- | 7E-06 | -- |
| 24422 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 952.4 | 95UCL | 7.2E+06 | -- | 1E-04 | -- |
| 24422 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1105 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 24422 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 14.56 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24422 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 21.49 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24422 MARBELLA AVE | Benzene | ug/kg | 897.3 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-04 | 5E-08 |
| 24422 MARBELLA AVE | Bromomethane | ug/kg | 270 | Max | 7.7E+05 | -- | 4E-04 | -- |
| 24422 MARBELLA AVE | Ethylbenzene | ug/kg | 2786 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 7E-09 |
| 24422 MARBELLA AVE | Naphthalene | mg/kg | 15.38 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24422 MARBELLA AVE | Pyrene | mg/kg | 2.606 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24422 MARBELLA AVE | Toluene | ug/kg | 141.4 | 95UCL | 4.2E+08 | -- | 3E-07 | -- |
| 24422 MARBELLA AVE | TPH as Diesel | mg/kg | 12525 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24422 MARBELLA AVE | TPH as Gasoline | mg/kg | 1600 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24422 MARBELLA AVE | TPH as Motor Oil | mg/kg | 15176 | 95UCL | 2.9E+05 | -- | 5E-02 | -- |
| 24422 MARBELLA AVE | Xylenes, Total | ug/kg | 394.3 | 95UCL | 4.9E+07 | -- | 8E-06 | -- |
| 24422 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 12.24 | 95UCL | 7.2E+06 | -- | 2E-06 | -- |
| 24422 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.3 | Max | 7.4E+06 | -- | 4E-08 | -- |
| 24422 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.99 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-06 | 7E-10 |
| 24422 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.222 | 95UCL | 2.0E+04 | -- | 6E-05 | -- |
| 24422 NEPTUNE AVE | Benzene | ug/kg | 2.271 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-07 | 1E-10 |
| 24422 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.04 | Max | 2.1E+04 | 1.1E+02 | 2E-06 | 4E-10 |
| 24422 NEPTUNE AVE | Ethylbenzene | ug/kg | 7.683 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-08 | 2E-11 |
| 24422 NEPTUNE AVE | Naphthalene | mg/kg | 0.429 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-05 | 1E-09 |
| 24422 NEPTUNE AVE | Pyrene | mg/kg | 1.139 | 95UCL | 1.5E+05 | -- | 8E-06 | -- |
| 24422 NEPTUNE AVE | Toluene | ug/kg | 31.84 | 95UCL | 4.2E+08 | -- | 8E-08 | -- |
| 24422 NEPTUNE AVE | TPH as Diesel | mg/kg | 1609 | 95UCL | 1.1E+05 | -- | 2E-02 | -- |
| 24422 NEPTUNE AVE | TPH as Gasoline | mg/kg | 118.1 | 95UCL | 6.6E+04 | -- | 2E-03 | -- |
| 24422 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2117 | 95UCL | 2.9E+05 | -- | 7E-03 | -- |
| 24422 NEPTUNE AVE | Xylenes, Total | ug/kg | 1.84 | 95UCL | 4.9E+07 | -- | 4E-08 | -- |
| 24422 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 92 | Max | 7.2E+06 | -- | 1E-05 | -- |
| 24422 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 13 | Max | 7.4E+06 | -- | 2E-06 | -- |
| 24422 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.82 | Max | 3.5E+05 | 1.4E+03 | 2E-06 | 6E-10 |
| 24422 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1 | Max | 2.0E+04 | -- | 5E-05 | -- |
| 24422 RAVENNA AVE | Benzene | ug/kg | 4.1 | Max | 5.8E+06 | 1.9E+04 | 7E-07 | 2E-10 |
| 24422 RAVENNA AVE | Ethylbenzene | ug/kg | 230 | Max | 2.9E+08 | 4.2E+05 | 8E-07 | 6E-10 |
| 24422 RAVENNA AVE | Naphthalene | mg/kg | 0.46 | Max | 1.3E+04 | 3.5E+02 | 4E-05 | 1E-09 |
| 24422 RAVENNA AVE | Pyrene | mg/kg | 0.33 | Max | 1.5E+05 | -- | 2E-06 | -- |
| 24422 RAVENNA AVE | Toluene | ug/kg | 22 | Max | 4.2E+08 | -- | 5E-08 | -- |
| 24422 RAVENNA AVE | TPH as Diesel | mg/kg | 2700 | Max | 1.1E+05 | -- | 3E-02 | -- |
| 24422 RAVENNA AVE | TPH as Gasoline | mg/kg | 56 | Max | 6.6E+04 | -- | 9E-04 | -- |
| 24422 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3500 | Max | 2.9E+05 | -- | 1E-02 | -- |
| 24422 RAVENNA AVE | Xylenes, Total | ug/kg | 59 | Max | 4.9E+07 | -- | 1E-06 | -- |
| 24423 MARBELLA AVE | Cobalt | mg/kg | 11.2 | Max | 2.1E+03 | 2.7E+06 | 6E-03 | 4E-12 |
| 24423 MARBELLA AVE | Pyrene | mg/kg | 0.0037 | Max | 1.5E+05 | -- | 3E-08 | -- |
| 24423 MARBELLA AVE | Toluene | ug/kg | 0.16 | Max | 4.2E+08 | -- | 4E-10 | -- |
| 24423 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 5235 | 95UCL | 7.2E+06 | -- | 7E-04 | -- |
| 24423 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 1500 | Max | 7.4E+06 | -- | 2E-04 | -- |
| 24423 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 15.21 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24423 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 23.16 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24423 NEPTUNE AVE | Benzene | ug/kg | 690.1 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24423 NEPTUNE AVE | Ethylbenzene | ug/kg | 3023 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 7E-09 |
| 24423 NEPTUNE AVE | Naphthalene | mg/kg | 10.29 | 95UCL | 1.3E+04 | 3.5E+02 | 8E-04 | 3E-08 |
| 24423 NEPTUNE AVE | Pyrene | mg/kg | 1.321 | 95UCL | 1.5E+05 | -- | 9E-06 | -- |
| 24423 NEPTUNE AVE | Toluene | ug/kg | 42 | Max | 4.2E+08 | -- | 1E-07 | -- |
| 24423 NEPTUNE AVE | TPH as Diesel | mg/kg | 12904 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24423 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1100 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24423 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 9513 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24423 NEPTUNE AVE | Xylenes, Total | ug/kg | 1276 | 95UCL | 4.9E+07 | -- | 3E-05 | -- |
| 24423 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1297 | 95UCL | 7.2E+06 | -- | 2E-04 | -- |
| 24423 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 237.2 | 95UCL | 7.4E+06 | -- | 3E-05 | -- |
| 24423 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.862 | 95UCL | 3.5E+05 | 1.4E+03 | 8E-06 | 2E-09 |
| 24423 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 7.8 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 24423 RAVENNA AVE | Benzene | ug/kg | 133.9 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-05 | 7E-09 |
| 24423 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24423 RAVENNA AVE | Cobalt | mg/kg | 8.376 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24423 RAVENNA AVE | Ethylbenzene | ug/kg | 417.4 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-06 | 1E-09 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24423 RAVENNA AVE | Naphthalene | mg/kg | 2.224 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 6E-09 |
| 24423 RAVENNA AVE | Pyrene | mg/kg | 0.951 | 95UCL | 1.5E+05 | -- | 6E-06 | -- |
| 24423 RAVENNA AVE | Toluene | ug/kg | 0.12 | Max | 4.2E+08 | -- | 3E-10 | -- |
| 24423 RAVENNA AVE | TPH as Diesel | mg/kg | 4674 | 95UCL | 1.1E+05 | -- | 4E-02 | -- |
| 24423 RAVENNA AVE | TPH as Gasoline | mg/kg | 22.4 | 95UCL | 6.6E+04 | -- | 3E-04 | -- |
| 24423 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3460 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24423 RAVENNA AVE | Xylenes, Total | ug/kg | 309.8 | 95UCL | 4.9E+07 | -- | 6E-06 | -- |
| 24426 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 51 | Max | 7.2E+06 | -- | 7E-06 | -- |
| 24426 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 13 | Max | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24426 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 18 | Max | 2.0E+04 | -- | 9E-04 | -- |
| 24426 MARBELLA AVE | Benzene | ug/kg | 65 | Max | 5.8E+06 | 1.9E+04 | 1E-05 | 3E-09 |
| 24426 MARBELLA AVE | Ethylbenzene | ug/kg | 2600 | Max | 2.9E+08 | 4.2E+05 | 9E-06 | 6E-09 |
| 24426 MARBELLA AVE | Naphthalene | mg/kg | 9.3 | Max | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24426 MARBELLA AVE | Pyrene | mg/kg | 2.5 | Max | 1.5E+05 | -- | 2E-05 | -- |
| 24426 MARBELLA AVE | TPH as Diesel | mg/kg | 17000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 24426 MARBELLA AVE | TPH as Gasoline | mg/kg | 790 | Max | 6.6E+04 | -- | 1E-02 | -- |
| 24426 MARBELLA AVE | TPH as Motor Oil | mg/kg | 21000 | Max | 2.9E+05 | -- | 7E-02 | -- |
| 24426 MARBELLA AVE | Xylenes, Total | ug/kg | 0.75 | Max | 4.9E+07 | -- | 2E-08 | -- |
| 24426 NEPTUNE AVE | 1,1,2,2-Tetrachloroethane | ug/kg | 1.6 | Max | 5.4E+07 | 4.1E+04 | 3E-08 | 4E-11 |
| 24426 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.351 | 95UCL | 7.2E+06 | -- | 5E-08 | -- |
| 24426 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.16 | Max | 7.4E+06 | -- | 2E-08 | -- |
| 24426 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.159 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-07 | 1E-10 |
| 24426 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.245 | 95UCL | 2.0E+04 | -- | 1E-05 | -- |
| 24426 NEPTUNE AVE | Benzene | ug/kg | 0.622 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-07 | 3E-11 |
| 24426 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.23 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24426 NEPTUNE AVE | Cobalt | mg/kg | 10.34 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24426 NEPTUNE AVE | Ethylbenzene | ug/kg | 1.4 | Max | 2.9E+08 | 4.2E+05 | 5E-09 | 3E-12 |
| 24426 NEPTUNE AVE | Naphthalene | mg/kg | 0.0606 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-06 | 2E-10 |
| 24426 NEPTUNE AVE | Pyrene | mg/kg | 0.232 | 95UCL | 1.5E+05 | -- | 2E-06 | -- |
| 24426 NEPTUNE AVE | Tetrachloroethene | ug/kg | 0.26 | Max | 7.5E+06 | 4.9E+04 | 3E-08 | 5E-12 |
| 24426 NEPTUNE AVE | Toluene | ug/kg | 0.251 | 95UCL | 4.2E+08 | -- | 6E-10 | -- |
| 24426 NEPTUNE AVE | TPH as Diesel | mg/kg | 2054 | 95UCL | 1.1E+05 | -- | 2E-02 | -- |
| 24426 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1.695 | 95UCL | 6.6E+04 | -- | 3E-05 | -- |
| 24426 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5370 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24426 NEPTUNE AVE | Trichloroethene | ug/kg | 0.23 | Max | 5.0E+05 | 1.0E+05 | 5E-07 | 2E-12 |
| 24426 NEPTUNE AVE | Xylenes, Total | ug/kg | 1.147 | 95UCL | 4.9E+07 | -- | 2E-08 | -- |
| 24426 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0017 | Max | 3.5E+05 | 1.4E+03 | 5E-09 | 1E-12 |
| 24426 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0034 | Max | 2.0E+04 | -- | 2E-07 | -- |
| 24426 PANAMA AVE | Benzene | ug/kg | 3.9 | Max | 5.8E+06 | 1.9E+04 | 7E-07 | 2E-10 |
| 24426 PANAMA AVE | Cobalt | mg/kg | 8.12 | Max | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24426 PANAMA AVE | Ethylbenzene | ug/kg | 0.5 | Max | 2.9E+08 | 4.2E+05 | 2E-09 | 1E-12 |
| 24426 PANAMA AVE | Naphthalene | mg/kg | 0.004 | Max | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 24426 PANAMA AVE | Pyrene | mg/kg | 0.013 | Max | 1.5E+05 | -- | 9E-08 | -- |
| 24426 PANAMA AVE | Toluene | ug/kg | 0.64 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24426 PANAMA AVE | TPH as Diesel | mg/kg | 49 | Max | 1.1E+05 | -- | 5E-04 | -- |
| 24426 PANAMA AVE | TPH as Motor Oil | mg/kg | 95 | Max | 2.9E+05 | -- | 3E-04 | -- |
| 24426 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1367 | 95UCL | 7.2E+06 | -- | 2E-04 | -- |
| 24426 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 22.55 | 95UCL | 7.4E+06 | -- | 3E-06 | -- |
| 24426 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0972 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-07 | 7E-11 |
| 24426 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.139 | 95UCL | 2.0E+04 | -- | 7E-06 | -- |
| 24426 RAVENNA AVE | Benzene | ug/kg | 18.59 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-06 | 1E-09 |
| 24426 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24426 RAVENNA AVE | Cobalt | mg/kg | 11.15 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24426 RAVENNA AVE | Ethylbenzene | ug/kg | 190.4 | 95UCL | 2.9E+08 | 4.2E+05 | 7E-07 | 5E-10 |
| 24426 RAVENNA AVE | Naphthalene | mg/kg | 1.034 | 95UCL | 1.3E+04 | 3.5E+02 | 8E-05 | 3E-09 |
| 24426 RAVENNA AVE | Pyrene | mg/kg | 0.187 | 95UCL | 1.5E+05 | -- | 1E-06 | -- |
| 24426 RAVENNA AVE | Toluene | ug/kg | 0.33 | Max | 4.2E+08 | -- | 8E-10 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24426 RAVENNA AVE | TPH as Diesel | mg/kg | 473.3 | 95UCL | 1.1E+05 | -- | 4E-03 | -- |
| 24426 RAVENNA AVE | TPH as Gasoline | mg/kg | 38.99 | 95UCL | 6.6E+04 | -- | 6E-04 | -- |
| 24426 RAVENNA AVE | TPH as Motor Oil | mg/kg | 723.7 | 95UCL | 2.9E+05 | -- | 3E-03 | -- |
| 24426 RAVENNA AVE | Xylenes, Total | ug/kg | 97.98 | 95UCL | 4.9E+07 | -- | 2E-06 | -- |
| 24427 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0062 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 5E-12 |
| 24427 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0048 | Max | 2.0E+04 | -- | 2E-07 | -- |
| 24427 MARBELLA AVE | Cobalt | mg/kg | 12.6 | Max | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 24427 MARBELLA AVE | Naphthalene | mg/kg | 0.0019 | Max | 1.3E+04 | 3.5E+02 | 1E-07 | 6E-12 |
| 24427 MARBELLA AVE | Pyrene | mg/kg | 0.0083 | Max | 1.5E+05 | -- | 6E-08 | -- |
| 24427 MARBELLA AVE | Toluene | ug/kg | 0.16 | Max | 4.2E+08 | -- | 4E-10 | -- |
| 24427 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.15 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24427 MARBELLA AVE | TPH as Motor Oil | mg/kg | 15 | Max | 2.9E+05 | -- | 5E-05 | -- |
| 24427 MARBELLA AVE | Vanadium | mg/kg | 53.2 | Max | 3.4E+04 | -- | 2E-03 | -- |
| 24427 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1369 | 95UCL | 7.2E+06 | -- | 2E-04 | -- |
| 24427 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 240 | Max | 7.4E+06 | -- | 3E-05 | -- |
| 24427 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.153 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-06 | 8E-10 |
| 24427 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 3.112 | 95UCL | 2.0E+04 | -- | 2E-04 | -- |
| 24427 PANAMA AVE | Benzene | ug/kg | 54.81 | 95UCL | 5.8E+06 | 1.9E+04 | 9E-06 | 3E-09 |
| 24427 PANAMA AVE | Cobalt | mg/kg | 10.23 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24427 PANAMA AVE | Ethylbenzene | ug/kg | 1180 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-06 | 3E-09 |
| 24427 PANAMA AVE | Naphthalene | mg/kg | 2.949 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 9E-09 |
| 24427 PANAMA AVE | Pyrene | mg/kg | 1.935 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |
| 24427 PANAMA AVE | Toluene | ug/kg | 11.48 | 95UCL | 4.2E+08 | -- | 3E-08 | -- |
| 24427 PANAMA AVE | TPH as Diesel | mg/kg | 3564 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 24427 PANAMA AVE | TPH as Gasoline | mg/kg | 326.7 | 95UCL | 6.6E+04 | -- | 5E-03 | -- |
| 24427 PANAMA AVE | TPH as Motor Oil | mg/kg | 5383 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24427 PANAMA AVE | Xylenes, Total | ug/kg | 217.2 | 95UCL | 4.9E+07 | -- | 5E-06 | -- |
| 24429 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 12000 | Max | 7.2E+06 | -- | 2E-03 | -- |
| 24429 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 3200 | Max | 7.4E+06 | -- | 4E-04 | -- |
| 24429 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 15 | Max | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24429 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 22 | Max | 2.0E+04 | -- | 1E-03 | -- |
| 24429 NEPTUNE AVE | Benzene | ug/kg | 1500 | Max | 5.8E+06 | 1.9E+04 | 3E-04 | 8E-08 |
| 24429 NEPTUNE AVE | Bromomethane | ug/kg | 160 | Max | 7.7E+05 | -- | 2E-04 | -- |
| 24429 NEPTUNE AVE | Ethylbenzene | ug/kg | 4600 | Max | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24429 NEPTUNE AVE | Naphthalene | mg/kg | 7.5 | Max | 1.3E+04 | 3.5E+02 | 6E-04 | 2E-08 |
| 24429 NEPTUNE AVE | Pyrene | mg/kg | 1.3 | Max | 1.5E+05 | -- | 9E-06 | -- |
| 24429 NEPTUNE AVE | Toluene | ug/kg | 0.51 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24429 NEPTUNE AVE | TPH as Diesel | mg/kg | 13000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24429 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1700 | Max | 6.6E+04 | -- | 3E-02 | -- |
| 24429 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 14000 | Max | 2.9E+05 | -- | 5E-02 | -- |
| 24429 NEPTUNE AVE | Xylenes, Total | ug/kg | 7100 | Max | 4.9E+07 | -- | 2E-04 | -- |
| 24429 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 620 | Max | 7.2E+06 | -- | 9E-05 | -- |
| 24429 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 21 | Max | 7.4E+06 | -- | 3E-06 | -- |
| 24429 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.82 | Max | 3.5E+05 | 1.4E+03 | 2E-06 | 6E-10 |
| 24429 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.2 | Max | 2.0E+04 | -- | 6E-05 | -- |
| 24429 RAVENNA AVE | Ethylbenzene | ug/kg | 560 | Max | 2.9E+08 | 4.2E+05 | 2E-06 | 1E-09 |
| 24429 RAVENNA AVE | Naphthalene | mg/kg | 1.3 | Max | 1.3E+04 | 3.5E+02 | 1E-04 | 4E-09 |
| 24429 RAVENNA AVE | Pyrene | mg/kg | 0.31 | Max | 1.5E+05 | -- | 2E-06 | -- |
| 24429 RAVENNA AVE | TPH as Diesel | mg/kg | 220 | Max | 1.1E+05 | -- | 2E-03 | -- |
| 24429 RAVENNA AVE | TPH as Gasoline | mg/kg | 380 | Max | 6.6E+04 | -- | 6E-03 | -- |
| 24429 RAVENNA AVE | TPH as Motor Oil | mg/kg | 420 | Max | 2.9E+05 | -- | 1E-03 | -- |
| 24429 RAVENNA AVE | Xylenes, Total | ug/kg | 31 | Max | 4.9E+07 | -- | 6E-07 | -- |
| 24430 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0009 | Max | 2.0E+04 | -- | 5E-08 | -- |
| 24430 PANAMA AVE | Benzene | ug/kg | 3.7 | Max | 5.8E+06 | 1.9E+04 | 6E-07 | 2E-10 |
| 24430 PANAMA AVE | Bromomethane | ug/kg | 2 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 24430 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.48 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24430 PANAMA AVE | Ethylbenzene | ug/kg | 0.62 | Max | 2.9E+08 | 4.2E+05 | 2E-09 | 2E-12 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24430 PANAMA AVE | Naphthalene | mg/kg | 0.001 | Max | 1.3E+04 | 3.5E+02 | 8E-08 | 3E-12 |
| 24430 PANAMA AVE | Pyrene | mg/kg | 0.0016 | Max | 1.5E+05 | -- | 1E-08 | -- |
| 24430 PANAMA AVE | Toluene | ug/kg | 0.61 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24431 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.295 | 95UCL | 7.2E+06 | -- | 4E-08 | -- |
| 24431 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.021 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-06 | 8E-10 |
| 24431 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.252 | 95UCL | 2.0E+04 | -- | 6E-05 | -- |
| 24431 PANAMA AVE | Benzene | ug/kg | 0.179 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-08 | 9E-12 |
| 24431 PANAMA AVE | Cobalt | mg/kg | 11.43 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 4E-12 |
| 24431 PANAMA AVE | Ethylbenzene | ug/kg | 275.6 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-06 | 7E-10 |
| 24431 PANAMA AVE | Naphthalene | mg/kg | 0.542 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-05 | 2E-09 |
| 24431 PANAMA AVE | Pyrene | mg/kg | 0.489 | 95UCL | 1.5E+05 | -- | 3E-06 | -- |
| 24431 PANAMA AVE | Toluene | ug/kg | 0.2 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24431 PANAMA AVE | TPH as Diesel | mg/kg | 2472 | 95UCL | 1.1E+05 | -- | 2E-02 | -- |
| 24431 PANAMA AVE | TPH as Gasoline | mg/kg | 89.97 | 95UCL | 6.6E+04 | -- | 1E-03 | -- |
| 24431 PANAMA AVE | TPH as Motor Oil | mg/kg | 2805 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24431 PANAMA AVE | Xylenes, Total | ug/kg | 12.32 | 95UCL | 4.9E+07 | -- | 3E-07 | -- |
| 24432 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 26.8 | 95UCL | 7.2E+06 | -- | 4E-06 | -- |
| 24432 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 16 | Max | 7.4E+06 | -- | 2E-06 | -- |
| 24432 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 3.306 | 95UCL | 3.5E+05 | 1.4E+03 | 9E-06 | 2E-09 |
| 24432 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 7.099 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 24432 MARBELLA AVE | Benzene | ug/kg | 91.63 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-05 | 5E-09 |
| 24432 MARBELLA AVE | Ethylbenzene | ug/kg | 1795 | 95UCL | 2.9E+08 | 4.2E+05 | 6E-06 | 4E-09 |
| 24432 MARBELLA AVE | Naphthalene | mg/kg | 5.261 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-04 | 2E-08 |
| 24432 MARBELLA AVE | Pyrene | mg/kg | 0.763 | 95UCL | 1.5E+05 | -- | 5E-06 | -- |
| 24432 MARBELLA AVE | Toluene | ug/kg | 21.47 | 95UCL | 4.2E+08 | -- | 5E-08 | -- |
| 24432 MARBELLA AVE | TPH as Diesel | mg/kg | 9217 | 95UCL | 1.1E+05 | -- | 8E-02 | -- |
| 24432 MARBELLA AVE | TPH as Gasoline | mg/kg | 606.9 | 95UCL | 6.6E+04 | -- | 9E-03 | -- |
| 24432 MARBELLA AVE | TPH as Motor Oil | mg/kg | 8082 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24432 MARBELLA AVE | Trichloroethene | ug/kg | 24 | Max | 5.0E+05 | 1.0E+05 | 5E-05 | 2E-10 |
| 24432 MARBELLA AVE | Xylenes, Total | ug/kg | 50.22 | 95UCL | 4.9E+07 | -- | 1E-06 | -- |
| 24433 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.59 | Max | 7.2E+06 | -- | 8E-08 | -- |
| 24433 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.19 | Max | 7.4E+06 | -- | 3E-08 | -- |
| 24433 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0024 | Max | 3.5E+05 | 1.4E+03 | 7E-09 | 2E-12 |
| 24433 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0038 | Max | 2.0E+04 | -- | 2E-07 | -- |
| 24433 MARBELLA AVE | Benzene | ug/kg | 0.16 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 24433 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.15 | Max | 2.1E+04 | 1.1E+02 | 7E-06 | 1E-09 |
| 24433 MARBELLA AVE | Cobalt | mg/kg | 14.7 | Max | 2.1E+03 | 2.7E+06 | 7E-03 | 5E-12 |
| 24433 MARBELLA AVE | Ethylbenzene | ug/kg | 0.17 | Max | 2.9E+08 | 4.2E+05 | 6E-10 | 4E-13 |
| 24433 MARBELLA AVE | Naphthalene | mg/kg | 0.0019 | Max | 1.3E+04 | 3.5E+02 | 1E-07 | 6E-12 |
| 24433 MARBELLA AVE | Pyrene | mg/kg | 0.0012 | Max | 1.5E+05 | -- | 8E-09 | -- |
| 24433 MARBELLA AVE | Tetrachloroethene | ug/kg | 4.3 | Max | 7.5E+06 | 4.9E+04 | 6E-07 | 9E-11 |
| 24433 MARBELLA AVE | Toluene | ug/kg | 0.61 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24433 MARBELLA AVE | TPH as Diesel | mg/kg | 25 | Max | 1.1E+05 | -- | 2E-04 | -- |
| 24433 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.059 | Max | 6.6E+04 | -- | 9E-07 | -- |
| 24433 MARBELLA AVE | TPH as Motor Oil | mg/kg | 54 | Max | 2.9E+05 | -- | 2E-04 | -- |
| 24433 MARBELLA AVE | Vanadium | mg/kg | 63.5 | Max | 3.4E+04 | -- | 2E-03 | -- |
| 24433 MARBELLA AVE | Xylenes, Total | ug/kg | 0.96 | Max | 4.9E+07 | -- | 2E-08 | -- |
| 24436 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.24 | Max | 7.2E+06 | -- | 3E-08 | -- |
| 24436 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.026 | Max | 3.5E+05 | 1.4E+03 | 7E-08 | 2E-11 |
| 24436 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.04 | Max | 2.0E+04 | -- | 2E-06 | -- |
| 24436 PANAMA AVE | Benzene | ug/kg | 6.906 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-06 | 4E-10 |
| 24436 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24436 PANAMA AVE | Ethylbenzene | ug/kg | 1.009 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-09 | 2E-12 |
| 24436 PANAMA AVE | Naphthalene | mg/kg | 0.0073 | Max | 1.3E+04 | 3.5E+02 | 6E-07 | 2E-11 |
| 24436 PANAMA AVE | Pyrene | mg/kg | 0.0246 | 95UCL | 1.5E+05 | -- | 2E-07 | -- |
| 24436 PANAMA AVE | Toluene | ug/kg | 0.949 | 95UCL | 4.2E+08 | -- | 2E-09 | -- |
| 24436 PANAMA AVE | TPH as Motor Oil | mg/kg | 17 | Max | 2.9E+05 | -- | 6E-05 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24502 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 164.2 | 95UCL | 7.2E+06 | -- | 2E-05 | -- |
| 24502 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 160 | Max | 7.4E+06 | -- | 2E-05 | -- |
| 24502 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 7.2 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 5E-09 |
| 24502 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 10.41 | 95UCL | 2.0E+04 | -- | 5E-04 | -- |
| 24502 MARBELLA AVE | Benzene | ug/kg | 11.36 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-06 | 6E-10 |
| 24502 MARBELLA AVE | Bromomethane | ug/kg | 200 | Max | 7.7E+05 | -- | 3E-04 | -- |
| 24502 MARBELLA AVE | Cobalt | mg/kg | 10.19 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24502 MARBELLA AVE | Ethylbenzene | ug/kg | 1719 | 95UCL | 2.9E+08 | 4.2E+05 | 6E-06 | 4E-09 |
| 24502 MARBELLA AVE | Naphthalene | mg/kg | 4.528 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-04 | 1E-08 |
| 24502 MARBELLA AVE | Pyrene | mg/kg | 0.648 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 24502 MARBELLA AVE | Toluene | ug/kg | 15.79 | 95UCL | 4.2E+08 | -- | 4E-08 | -- |
| 24502 MARBELLA AVE | TPH as Diesel | mg/kg | 4588 | 95UCL | 1.1E+05 | -- | 4E-02 | -- |
| 24502 MARBELLA AVE | TPH as Gasoline | mg/kg | 607.5 | 95UCL | 6.6E+04 | -- | 9E-03 | -- |
| 24502 MARBELLA AVE | TPH as Motor Oil | mg/kg | 5659 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24502 MARBELLA AVE | Xylenes, Total | ug/kg | 88.71 | 95UCL | 4.9E+07 | -- | 2E-06 | -- |
| 24502 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 19.2 | 95UCL | 7.2E+06 | -- | 3E-06 | -- |
| 24502 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 9.7 | Max | 7.4E+06 | -- | 1E-06 | -- |
| 24502 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.23 | 95UCL | 3.5E+05 | 1.4E+03 | 7E-07 | 2E-10 |
| 24502 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.129 | 95UCL | 2.0E+04 | -- | 6E-06 | -- |
| 24502 NEPTUNE AVE | Benzene | ug/kg | 0.12 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 6E-12 |
| 24502 NEPTUNE AVE | Bromodichloromethane | ug/kg | 27 | Max | 3.8E+07 | 4.2E+04 | 7E-07 | 6E-10 |
| 24502 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24502 NEPTUNE AVE | Ethylbenzene | ug/kg | 72.07 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-07 | 2E-10 |
| 24502 NEPTUNE AVE | Naphthalene | mg/kg | 0.304 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-05 | 9E-10 |
| 24502 NEPTUNE AVE | Pyrene | mg/kg | 0.504 | 95UCL | 1.5E+05 | -- | 3E-06 | -- |
| 24502 NEPTUNE AVE | Toluene | ug/kg | 0.12 | Max | 4.2E+08 | -- | 3E-10 | -- |
| 24502 NEPTUNE AVE | TPH as Diesel | mg/kg | 6373 | 95UCL | 1.1E+05 | -- | 6E-02 | -- |
| 24502 NEPTUNE AVE | TPH as Gasoline | mg/kg | 98.51 | 95UCL | 6.6E+04 | -- | 2E-03 | -- |
| 24502 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 9677 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24502 NEPTUNE AVE | Xylenes, Total | ug/kg | 16.03 | 95UCL | 4.9E+07 | -- | 3E-07 | -- |
| 24502 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0053 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 4E-12 |
| 24502 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.01 | Max | 2.0E+04 | -- | 5E-07 | -- |
| 24502 PANAMA AVE | Benzene | ug/kg | 3.549 | 95UCL | 5.8E+06 | 1.9E+04 | 6E-07 | 2E-10 |
| 24502 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.26 | Max | 1.1E+05 | 3.0E+03 | 2E-06 | 9E-11 |
| 24502 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.082 | Max | 2.1E+04 | 1.1E+02 | 4E-06 | 7E-10 |
| 24502 PANAMA AVE | Ethylbenzene | ug/kg | 0.627 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-09 | 2E-12 |
| 24502 PANAMA AVE | Naphthalene | mg/kg | 0.0046 | Max | 1.3E+04 | 3.5E+02 | 4E-07 | 1E-11 |
| 24502 PANAMA AVE | Pyrene | mg/kg | 0.0053 | Max | 1.5E+05 | -- | 4E-08 | -- |
| 24502 PANAMA AVE | Toluene | ug/kg | 0.691 | 95UCL | 4.2E+08 | -- | 2E-09 | -- |
| 24502 PANAMA AVE | TPH as Gasoline | mg/kg | 0.061 | Max | 6.6E+04 | -- | 9E-07 | -- |
| 24502 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 420.4 | 95UCL | 7.2E+06 | -- | 6E-05 | -- |
| 24502 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 44 | Max | 7.4E+06 | -- | 6E-06 | -- |
| 24502 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.168 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-07 | 1E-10 |
| 24502 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.264 | 95UCL | 2.0E+04 | -- | 1E-05 | -- |
| 24502 RAVENNA AVE | Benzene | ug/kg | 24.9 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-06 | 1E-09 |
| 24502 RAVENNA AVE | Bromomethane | ug/kg | 650 | Max | 7.7E+05 | -- | 9E-04 | -- |
| 24502 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24502 RAVENNA AVE | Ethylbenzene | ug/kg | 247.1 | 95UCL | 2.9E+08 | 4.2E+05 | 9E-07 | 6E-10 |
| 24502 RAVENNA AVE | Naphthalene | mg/kg | 0.484 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-05 | 1E-09 |
| 24502 RAVENNA AVE | Pyrene | mg/kg | 0.216 | 95UCL | 1.5E+05 | -- | 1E-06 | -- |
| 24502 RAVENNA AVE | Toluene | ug/kg | 0.37 | Max | 4.2E+08 | -- | 9E-10 | -- |
| 24502 RAVENNA AVE | TPH as Diesel | mg/kg | 791.1 | 95UCL | 1.1E+05 | -- | 7E-03 | -- |
| 24502 RAVENNA AVE | TPH as Gasoline | mg/kg | 250 | 95UCL | 6.6E+04 | -- | 4E-03 | -- |
| 24502 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1104 | 95UCL | 2.9E+05 | -- | 4E-03 | -- |
| 24502 RAVENNA AVE | Xylenes, Total | ug/kg | 80.53 | 95UCL | 4.9E+07 | -- | 2E-06 | -- |
| 24503 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0016 | Max | 3.5E+05 | 1.4E+03 | 5E-09 | 1E-12 |
| 24503 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0035 | Max | 2.0E+04 | -- | 2E-07 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24503 MARBELLA AVE | Benzene | ug/kg | 0.23 | Max | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 24503 MARBELLA AVE | Cobalt | mg/kg | 24.9 | Max | 2.1E+03 | 2.7E+06 | 1E-02 | 9E-12 |
| 24503 MARBELLA AVE | Naphthalene | mg/kg | 0.037 | Max | 1.3E+04 | 3.5E+02 | 3E-06 | 1E-10 |
| 24503 MARBELLA AVE | Pyrene | mg/kg | 0.002 | Max | 1.5E+05 | -- | 1E-08 | -- |
| 24503 MARBELLA AVE | Tetrachloroethene | ug/kg | 1.7 | Max | 7.5E+06 | 4.9E+04 | 2E-07 | 4E-11 |
| 24503 MARBELLA AVE | TPH as Diesel | mg/kg | 11 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 24503 MARBELLA AVE | TPH as Motor Oil | mg/kg | 38 | Max | 2.9E+05 | -- | 1E-04 | -- |
| 24503 MARBELLA AVE | Vanadium | mg/kg | 48.4 | Max | 3.4E+04 | -- | 1E-03 | -- |
| 24503 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 498.7 | 95UCL | 7.2E+06 | -- | 7E-05 | -- |
| 24503 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 204 | 95UCL | 7.4E+06 | -- | 3E-05 | -- |
| 24503 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 3.582 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-05 | 3E-09 |
| 24503 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 5.223 | 95UCL | 2.0E+04 | -- | 3E-04 | -- |
| 24503 NEPTUNE AVE | Benzene | ug/kg | 41.86 | 95UCL | 5.8E+06 | 1.9E+04 | 7E-06 | 2E-09 |
| 24503 NEPTUNE AVE | Ethylbenzene | ug/kg | 1359 | 95UCL | 2.9E+08 | 4.2E+05 | 5E-06 | 3E-09 |
| 24503 NEPTUNE AVE | Naphthalene | mg/kg | 3.086 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 9E-09 |
| 24503 NEPTUNE AVE | Pyrene | mg/kg | 0.655 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 24503 NEPTUNE AVE | Toluene | ug/kg | 0.296 | 95UCL | 4.2E+08 | -- | 7E-10 | -- |
| 24503 NEPTUNE AVE | TPH as Diesel | mg/kg | 7054 | 95UCL | 1.1E+05 | -- | 6E-02 | -- |
| 24503 NEPTUNE AVE | TPH as Gasoline | mg/kg | 595.6 | 95UCL | 6.6E+04 | -- | 9E-03 | -- |
| 24503 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7756 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24503 NEPTUNE AVE | Xylenes, Total | ug/kg | 883.9 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24503 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 23 | Max | 7.2E+06 | -- | 3E-06 | -- |
| 24503 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.13 | Max | 7.4E+06 | -- | 2E-08 | -- |
| 24503 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.2 | Max | 3.5E+05 | 1.4E+03 | 6E-07 | 2E-10 |
| 24503 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.22 | Max | 2.0E+04 | -- | 1E-05 | -- |
| 24503 PANAMA AVE | Benzene | ug/kg | 0.12 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 6E-12 |
| 24503 PANAMA AVE | Ethylbenzene | ug/kg | 330 | Max | 2.9E+08 | 4.2E+05 | 1E-06 | 8E-10 |
| 24503 PANAMA AVE | Naphthalene | mg/kg | 0.59 | Max | 1.3E+04 | 3.5E+02 | 5E-05 | 2E-09 |
| 24503 PANAMA AVE | Pyrene | mg/kg | 0.27 | Max | 1.5E+05 | -- | 2E-06 | -- |
| 24503 PANAMA AVE | Toluene | ug/kg | 0.26 | Max | 4.2E+08 | -- | 6E-10 | -- |
| 24503 PANAMA AVE | TPH as Diesel | mg/kg | 2300 | Max | 1.1E+05 | -- | 2E-02 | -- |
| 24503 PANAMA AVE | TPH as Gasoline | mg/kg | 230 | Max | 6.6E+04 | -- | 4E-03 | -- |
| 24503 PANAMA AVE | TPH as Motor Oil | mg/kg | 3600 | Max | 2.9E+05 | -- | 1E-02 | -- |
| 24503 PANAMA AVE | Xylenes, Total | ug/kg | 1.5 | Max | 4.9E+07 | -- | 3E-08 | -- |
| 24503 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 109.6 | 95UCL | 7.2E+06 | -- | 2E-05 | -- |
| 24503 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 19.63 | 95UCL | 7.4E+06 | -- | 3E-06 | -- |
| 24503 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 4.729 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-05 | 4E-09 |
| 24503 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 6.912 | 95UCL | 2.0E+04 | -- | 3E-04 | -- |
| 24503 RAVENNA AVE | Benzene | ug/kg | 1.933 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-07 | 1E-10 |
| 24503 RAVENNA AVE | Ethylbenzene | ug/kg | 39.12 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-07 | 9E-11 |
| 24503 RAVENNA AVE | Naphthalene | mg/kg | 2.56 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 7E-09 |
| 24503 RAVENNA AVE | Pyrene | mg/kg | 0.997 | 95UCL | 1.5E+05 | -- | 7E-06 | -- |
| 24503 RAVENNA AVE | Toluene | ug/kg | 0.72 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24503 RAVENNA AVE | TPH as Diesel | mg/kg | 1552 | 95UCL | 1.1E+05 | -- | 1E-02 | -- |
| 24503 RAVENNA AVE | TPH as Gasoline | mg/kg | 629 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24503 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1883 | 95UCL | 2.9E+05 | -- | 7E-03 | -- |
| 24503 RAVENNA AVE | Xylenes, Total | ug/kg | 18.14 | 95UCL | 4.9E+07 | -- | 4E-07 | -- |
| 24506 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 11717 | 95UCL | 7.2E+06 | -- | 2E-03 | -- |
| 24506 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 9000 | Max | 7.4E+06 | -- | 1E-03 | -- |
| 24506 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 13.14 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24506 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 22.14 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24506 MARBELLA AVE | Benzene | ug/kg | 4700 | Max | 5.8E+06 | 1.9E+04 | 8E-04 | 2E-07 |
| 24506 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 1.1E+05 | 3.0E+03 | 1E-05 | 4E-10 |
| 24506 MARBELLA AVE | Cobalt | mg/kg | 10.47 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24506 MARBELLA AVE | Ethylbenzene | ug/kg | 14000 | Max | 2.9E+08 | 4.2E+05 | 5E-05 | 3E-08 |
| 24506 MARBELLA AVE | Naphthalene | mg/kg | 8.23 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-04 | 2E-08 |
| 24506 MARBELLA AVE | Pyrene | mg/kg | 1.704 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24506 MARBELLA AVE | Toluene | ug/kg | 10000 | Max | 4.2E+08 | -- | 2E-05 | -- |
| 24506 MARBELLA AVE | TPH as Diesel | mg/kg | 10905 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24506 MARBELLA AVE | TPH as Gasoline | mg/kg | 2354 | 95UCL | 6.6E+04 | -- | 4E-02 | -- |
| 24506 MARBELLA AVE | TPH as Motor Oil | mg/kg | 11782 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24506 MARBELLA AVE | Xylenes, Total | ug/kg | 66000 | Max | 4.9E+07 | -- | 1E-03 | -- |
| 24507 MARBELLA AVE | Cobalt | mg/kg | 14.81 | 95UCL | 2.1E+03 | 2.7E+06 | 7E-03 | 5E-12 |
| 24507 MARBELLA AVE | Naphthalene | mg/kg | 0.0046 | Max | 1.3E+04 | 3.5E+02 | 4E-07 | 1E-11 |
| 24507 MARBELLA AVE | Pyrene | mg/kg | 0.0026 | Max | 1.5E+05 | -- | 2E-08 | -- |
| 24507 MARBELLA AVE | Tetrachloroethene | ug/kg | 1.689 | 95UCL | 7.5E+06 | 4.9E+04 | 2E-07 | 4E-11 |
| 24507 MARBELLA AVE | Vanadium | mg/kg | 61.44 | 95UCL | 3.4E+04 | -- | 2E-03 | -- |
| 24508 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 4707 | 95UCL | 7.2E+06 | -- | 7E-04 | -- |
| 24508 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 2200 | Max | 7.4E+06 | -- | 3E-04 | -- |
| 24508 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 9.839 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-05 | 7E-09 |
| 24508 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 16.29 | 95UCL | 2.0E+04 | -- | 8E-04 | -- |
| 24508 NEPTUNE AVE | Benzene | ug/kg | 1118 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-04 | 6E-08 |
| 24508 NEPTUNE AVE | Ethylbenzene | ug/kg | 3828 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 9E-09 |
| 24508 NEPTUNE AVE | Naphthalene | mg/kg | 6.486 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-04 | 2E-08 |
| 24508 NEPTUNE AVE | Pyrene | mg/kg | 0.54 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 24508 NEPTUNE AVE | TPH as Diesel | mg/kg | 6828 | 95UCL | 1.1E+05 | -- | 6E-02 | -- |
| 24508 NEPTUNE AVE | TPH as Gasoline | mg/kg | 854.4 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24508 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7043 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24508 NEPTUNE AVE | Xylenes, Total | ug/kg | 2155 | 95UCL | 4.9E+07 | -- | 4E-05 | -- |
| 24508 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0015 | Max | 3.5E+05 | 1.4E+03 | 4E-09 | 1E-12 |
| 24508 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0025 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24508 PANAMA AVE | Benzene | ug/kg | 9.6 | Max | 5.8E+06 | 1.9E+04 | 2E-06 | 5E-10 |
| 24508 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 1.1E+05 | 3.0E+03 | 2E-06 | 6E-11 |
| 24508 PANAMA AVE | Ethylbenzene | ug/kg | 1.3 | Max | 2.9E+08 | 4.2E+05 | 5E-09 | 3E-12 |
| 24508 PANAMA AVE | Pyrene | mg/kg | 0.0012 | Max | 1.5E+05 | -- | 8E-09 | -- |
| 24508 PANAMA AVE | Toluene | ug/kg | 1.2 | Max | 4.2E+08 | -- | 3E-09 | -- |
| 24508 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 48100 | 95UCL | 7.2E+06 | -- | 7E-03 | -- |
| 24508 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 13000 | 95UCL | 7.4E+06 | -- | 2E-03 | -- |
| 24508 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 16.39 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24508 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 24.81 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24508 RAVENNA AVE | Benzene | ug/kg | 5673 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-03 | 3E-07 |
| 24508 RAVENNA AVE | Cobalt | mg/kg | 10.43 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24508 RAVENNA AVE | Ethylbenzene | ug/kg | 11210 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-05 | 3E-08 |
| 24508 RAVENNA AVE | Naphthalene | mg/kg | 11.14 | 95UCL | 1.3E+04 | 3.5E+02 | 8E-04 | 3E-08 |
| 24508 RAVENNA AVE | Pyrene | mg/kg | 0.861 | 95UCL | 1.5E+05 | -- | 6E-06 | -- |
| 24508 RAVENNA AVE | Toluene | ug/kg | 150 | Max | 4.2E+08 | -- | 4E-07 | -- |
| 24508 RAVENNA AVE | TPH as Diesel | mg/kg | 11725 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24508 RAVENNA AVE | TPH as Gasoline | mg/kg | 2329 | 95UCL | 6.6E+04 | -- | 4E-02 | -- |
| 24508 RAVENNA AVE | TPH as Motor Oil | mg/kg | 10069 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24508 RAVENNA AVE | Xylenes, Total | ug/kg | 53700 | 95UCL | 4.9E+07 | -- | 1E-03 | -- |
| 24509 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.357 | 95UCL | 7.2E+06 | -- | 5E-08 | -- |
| 24509 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.089 | Max | 7.4E+06 | -- | 1E-08 | -- |
| 24509 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.838 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-06 | 1E-09 |
| 24509 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 3.9 | 95UCL | 2.0E+04 | -- | 2E-04 | -- |
| 24509 NEPTUNE AVE | Benzene | ug/kg | 0.197 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-08 | 1E-11 |
| 24509 NEPTUNE AVE | Ethylbenzene | ug/kg | 19 | Max | 2.9E+08 | 4.2E+05 | 7E-08 | 5E-11 |
| 24509 NEPTUNE AVE | Naphthalene | mg/kg | 1.234 | 95UCL | 1.3E+04 | 3.5E+02 | 9E-05 | 4E-09 |
| 24509 NEPTUNE AVE | Pyrene | mg/kg | 0.861 | 95UCL | 1.5E+05 | -- | 6E-06 | -- |
| 24509 NEPTUNE AVE | Toluene | ug/kg | 0.272 | 95UCL | 4.2E+08 | -- | 7E-10 | -- |
| 24509 NEPTUNE AVE | TPH as Diesel | mg/kg | 2635 | 95UCL | 1.1E+05 | -- | 2E-02 | -- |
| 24509 NEPTUNE AVE | TPH as Gasoline | mg/kg | 108.3 | 95UCL | 6.6E+04 | -- | 2E-03 | -- |
| 24509 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3266 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24509 NEPTUNE AVE | Xylenes, Total | ug/kg | 34.56 | 95UCL | 4.9E+07 | -- | 7E-07 | -- |
| 24509 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 6869 | 95UCL | 7.2E+06 | -- | 1E-03 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24509 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1062 | 95UCL | 7.4E+06 | -- | 1E-04 | -- |
| 24509 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 7.874 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 6E-09 |
| 24509 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 11.93 | 95UCL | 2.0E+04 | -- | 6E-04 | -- |
| 24509 PANAMA AVE | Benzene | ug/kg | 826.7 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24509 PANAMA AVE | Ethylbenzene | ug/kg | 5865 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24509 PANAMA AVE | Naphthalene | mg/kg | 5.074 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-04 | 2E-08 |
| 24509 PANAMA AVE | Pyrene | mg/kg | 0.521 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 24509 PANAMA AVE | Toluene | ug/kg | 40 | Max | 4.2E+08 | -- | 1E-07 | -- |
| 24509 PANAMA AVE | TPH as Diesel | mg/kg | 7209 | 95UCL | 1.1E+05 | -- | 7E-02 | -- |
| 24509 PANAMA AVE | TPH as Gasoline | mg/kg | 1206 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24509 PANAMA AVE | TPH as Motor Oil | mg/kg | 6465 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24509 PANAMA AVE | Xylenes, Total | ug/kg | 7425 | 95UCL | 4.9E+07 | -- | 2E-04 | -- |
| 24509 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 18837 | 95UCL | 7.2E+06 | -- | 3E-03 | -- |
| 24509 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 5285 | 95UCL | 7.4E+06 | -- | 7E-04 | -- |
| 24509 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 13.29 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24509 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 21.37 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24509 RAVENNA AVE | Benzene | ug/kg | 6896 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-03 | 4E-07 |
| 24509 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24509 RAVENNA AVE | Ethylbenzene | ug/kg | 8218 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-05 | 2E-08 |
| 24509 RAVENNA AVE | Naphthalene | mg/kg | 8.625 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24509 RAVENNA AVE | Pyrene | mg/kg | 1.942 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |
| 24509 RAVENNA AVE | Toluene | ug/kg | 0.25 | Max | 4.2E+08 | -- | 6E-10 | -- |
| 24509 RAVENNA AVE | TPH as Diesel | mg/kg | 9166 | 95UCL | 1.1E+05 | -- | 8E-02 | -- |
| 24509 RAVENNA AVE | TPH as Gasoline | mg/kg | 1702 | 95UCL | 6.6E+04 | -- | 3E-02 | -- |
| 24509 RAVENNA AVE | TPH as Motor Oil | mg/kg | 15000 | 95UCL | 2.9E+05 | -- | 5E-02 | -- |
| 24509 RAVENNA AVE | Xylenes, Total | ug/kg | 19216 | 95UCL | 4.9E+07 | -- | 4E-04 | -- |
| 24512 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 10834 | 95UCL | 7.2E+06 | -- | 2E-03 | -- |
| 24512 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1802 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 24512 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 16 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24512 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 26 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24512 MARBELLA AVE | Benzene | ug/kg | 726.3 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24512 MARBELLA AVE | Bromomethane | ug/kg | 2.7 | Max | 7.7E+05 | -- | 4E-06 | -- |
| 24512 MARBELLA AVE | Cobalt | mg/kg | 11.22 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 4E-12 |
| 24512 MARBELLA AVE | Ethylbenzene | ug/kg | 7027 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-05 | 2E-08 |
| 24512 MARBELLA AVE | Naphthalene | mg/kg | 8.79 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24512 MARBELLA AVE | Pyrene | mg/kg | 1.083 | 95UCL | 1.5E+05 | -- | 7E-06 | -- |
| 24512 MARBELLA AVE | Toluene | ug/kg | 270 | Max | 4.2E+08 | -- | 6E-07 | -- |
| 24512 MARBELLA AVE | TPH as Diesel | mg/kg | 15668 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24512 MARBELLA AVE | TPH as Gasoline | mg/kg | 1282 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24512 MARBELLA AVE | TPH as Motor Oil | mg/kg | 20223 | 95UCL | 2.9E+05 | -- | 7E-02 | -- |
| 24512 MARBELLA AVE | Vanadium | mg/kg | 45.44 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 24512 MARBELLA AVE | Xylenes, Total | ug/kg | 7544 | 95UCL | 4.9E+07 | -- | 2E-04 | -- |
| 24512 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 3618 | 95UCL | 7.2E+06 | -- | 5E-04 | -- |
| 24512 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 610 | Max | 7.4E+06 | -- | 8E-05 | -- |
| 24512 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 6.247 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 5E-09 |
| 24512 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 8.992 | 95UCL | 2.0E+04 | -- | 5E-04 | -- |
| 24512 NEPTUNE AVE | Benzene | ug/kg | 419.4 | 95UCL | 5.8E+06 | 1.9E+04 | 7E-05 | 2E-08 |
| 24512 NEPTUNE AVE | Ethylbenzene | ug/kg | 5684 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24512 NEPTUNE AVE | Naphthalene | mg/kg | 5.432 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-04 | 2E-08 |
| 24512 NEPTUNE AVE | Pyrene | mg/kg | 0.848 | 95UCL | 1.5E+05 | -- | 6E-06 | -- |
| 24512 NEPTUNE AVE | TPH as Diesel | mg/kg | 5728 | 95UCL | 1.1E+05 | -- | 5E-02 | -- |
| 24512 NEPTUNE AVE | TPH as Gasoline | mg/kg | 493.1 | 95UCL | 6.6E+04 | -- | 8E-03 | -- |
| 24512 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7097 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24512 NEPTUNE AVE | Xylenes, Total | ug/kg | 748.9 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24512 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0013 | Max | 3.5E+05 | 1.4E+03 | 4E-09 | 1E-12 |
| 24512 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0022 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24512 PANAMA AVE | Benzene | ug/kg | 5.4 | Max | 5.8E+06 | 1.9E+04 | 9E-07 | 3E-10 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24512 PANAMA AVE | Ethylbenzene | ug/kg | 1 | Max | 2.9E+08 | 4.2E+05 | 4E-09 | 2E-12 |
| 24512 PANAMA AVE | Naphthalene | mg/kg | 0.0014 | Max | 1.3E+04 | 3.5E+02 | 1E-07 | 4E-12 |
| 24512 PANAMA AVE | Pyrene | mg/kg | 0.0093 | Max | 1.5E+05 | -- | 6E-08 | -- |
| 24512 PANAMA AVE | Toluene | ug/kg | 0.93 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24512 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 6549 | 95UCL | 7.2E+06 | -- | 9E-04 | -- |
| 24512 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 104 | 95UCL | 7.4E+06 | -- | 1E-05 | -- |
| 24512 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.989 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-05 | 3E-09 |
| 24512 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 6.208 | 95UCL | 2.0E+04 | -- | 3E-04 | -- |
| 24512 RAVENNA AVE | Benzene | ug/kg | 624.1 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 3E-08 |
| 24512 RAVENNA AVE | Ethylbenzene | ug/kg | 2730 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 7E-09 |
| 24512 RAVENNA AVE | Naphthalene | mg/kg | 3.054 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 9E-09 |
| 24512 RAVENNA AVE | Pyrene | mg/kg | 1.049 | 95UCL | 1.5E+05 | -- | 7E-06 | -- |
| 24512 RAVENNA AVE | Toluene | ug/kg | 23.01 | 95UCL | 4.2E+08 | -- | 6E-08 | -- |
| 24512 RAVENNA AVE | TPH as Diesel | mg/kg | 3737 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 24512 RAVENNA AVE | TPH as Gasoline | mg/kg | 574.3 | 95UCL | 6.6E+04 | -- | 9E-03 | -- |
| 24512 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4634 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24512 RAVENNA AVE | Xylenes, Total | ug/kg | 1338 | 95UCL | 4.9E+07 | -- | 3E-05 | -- |
| 24513 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 5827 | 95UCL | 7.2E+06 | -- | 8E-04 | -- |
| 24513 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 578.6 | 95UCL | 7.4E+06 | -- | 8E-05 | -- |
| 24513 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 8.319 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 6E-09 |
| 24513 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 25.2 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24513 NEPTUNE AVE | Benzene | ug/kg | 920 | Max | 5.8E+06 | 1.9E+04 | 2E-04 | 5E-08 |
| 24513 NEPTUNE AVE | Bromomethane | ug/kg | 420 | Max | 7.7E+05 | -- | 6E-04 | -- |
| 24513 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24513 NEPTUNE AVE | Ethylbenzene | ug/kg | 2516 | 95UCL | 2.9E+08 | 4.2E+05 | 9E-06 | 6E-09 |
| 24513 NEPTUNE AVE | Naphthalene | mg/kg | 5.558 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-04 | 2E-08 |
| 24513 NEPTUNE AVE | Pyrene | mg/kg | 1.045 | 95UCL | 1.5E+05 | -- | 7E-06 | -- |
| 24513 NEPTUNE AVE | TPH as Diesel | mg/kg | 5714 | 95UCL | 1.1E+05 | -- | 5E-02 | -- |
| 24513 NEPTUNE AVE | TPH as Gasoline | mg/kg | 619 | 95UCL | 6.6E+04 | -- | 9E-03 | -- |
| 24513 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7449 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24513 NEPTUNE AVE | Xylenes, Total | ug/kg | 1162 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24513 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 11766 | 95UCL | 7.2E+06 | -- | 2E-03 | -- |
| 24513 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1750 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 24513 PANAMA AVE | 1,4-Dichlorobenzene | ug/kg | 440 | Max | 3.2E+08 | 2.4E+05 | 1E-06 | 2E-09 |
| 24513 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 12.57 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 9E-09 |
| 24513 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 20.4 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24513 PANAMA AVE | Benzene | ug/kg | 1493 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-04 | 8E-08 |
| 24513 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.26 | Max | 1.1E+05 | 3.0E+03 | 2E-06 | 9E-11 |
| 24513 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24513 PANAMA AVE | Ethylbenzene | ug/kg | 6226 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 2E-08 |
| 24513 PANAMA AVE | Naphthalene | mg/kg | 6.55 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-04 | 2E-08 |
| 24513 PANAMA AVE | Pyrene | mg/kg | 0.557 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 24513 PANAMA AVE | Toluene | ug/kg | 15.06 | 95UCL | 4.2E+08 | -- | 4E-08 | -- |
| 24513 PANAMA AVE | TPH as Diesel | mg/kg | 8773 | 95UCL | 1.1E+05 | -- | 8E-02 | -- |
| 24513 PANAMA AVE | TPH as Gasoline | mg/kg | 1090 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24513 PANAMA AVE | TPH as Motor Oil | mg/kg | 7304 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24513 PANAMA AVE | Xylenes, Total | ug/kg | 6082 | 95UCL | 4.9E+07 | -- | 1E-04 | -- |
| 24513 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 3050 | 95UCL | 7.2E+06 | -- | 4E-04 | -- |
| 24513 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 665.8 | 95UCL | 7.4E+06 | -- | 9E-05 | -- |
| 24513 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 12.96 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24513 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 19.96 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24513 RAVENNA AVE | Benzene | ug/kg | 207.4 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-05 | 1E-08 |
| 24513 RAVENNA AVE | Ethylbenzene | ug/kg | 2245 | 95UCL | 2.9E+08 | 4.2E+05 | 8E-06 | 5E-09 |
| 24513 RAVENNA AVE | Naphthalene | mg/kg | 9.109 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24513 RAVENNA AVE | Pyrene | mg/kg | 1.18 | 95UCL | 1.5E+05 | -- | 8E-06 | -- |
| 24513 RAVENNA AVE | Toluene | ug/kg | 0.21 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24513 RAVENNA AVE | TPH as Diesel | mg/kg | 11198 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24513 RAVENNA AVE | TPH as Gasoline | mg/kg | 824.3 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24513 RAVENNA AVE | TPH as Motor Oil | mg/kg | 11396 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24513 RAVENNA AVE | Xylenes, Total | ug/kg | 1065 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24516 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 42000 | Max | 7.2E+06 | -- | 6E-03 | -- |
| 24516 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 15000 | Max | 7.4E+06 | -- | 2E-03 | -- |
| 24516 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 44 | Max | 3.5E+05 | 1.4E+03 | 1E-04 | 3E-08 |
| 24516 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 75 | Max | 2.0E+04 | -- | 4E-03 | -- |
| 24516 MARBELLA AVE | Benzene | ug/kg | 14000 | Max | 5.8E+06 | 1.9E+04 | 2E-03 | 7E-07 |
| 24516 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24516 MARBELLA AVE | Ethylbenzene | ug/kg | 21000 | Max | 2.9E+08 | 4.2E+05 | 7E-05 | 5E-08 |
| 24516 MARBELLA AVE | Naphthalene | mg/kg | 34 | Max | 1.3E+04 | 3.5E+02 | 3E-03 | 1E-07 |
| 24516 MARBELLA AVE | Pyrene | mg/kg | 0.98 | Max | 1.5E+05 | -- | 7E-06 | -- |
| 24516 MARBELLA AVE | Toluene | ug/kg | 2300 | Max | 4.2E+08 | -- | 6E-06 | -- |
| 24516 MARBELLA AVE | TPH as Diesel | mg/kg | 23000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 24516 MARBELLA AVE | TPH as Gasoline | mg/kg | 5500 | Max | 6.6E+04 | -- | 8E-02 | -- |
| 24516 MARBELLA AVE | TPH as Motor Oil | mg/kg | 21000 | Max | 2.9E+05 | -- | 7E-02 | -- |
| 24516 MARBELLA AVE | Xylenes, Total | ug/kg | 78000 | Max | 4.9E+07 | -- | 2E-03 | -- |
| 24517 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.25 | Max | 7.2E+06 | -- | 4E-08 | -- |
| 24517 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0007 | Max | 2.0E+04 | -- | 4E-08 | -- |
| 24517 MARBELLA AVE | Benzene | ug/kg | 0.14 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 7E-12 |
| 24517 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24517 MARBELLA AVE | Cobalt | mg/kg | 18.4 | Max | 2.1E+03 | 2.7E+06 | 9E-03 | 7E-12 |
| 24517 MARBELLA AVE | Naphthalene | mg/kg | 0.0066 | Max | 1.3E+04 | 3.5E+02 | 5E-07 | 2E-11 |
| 24517 MARBELLA AVE | Pyrene | mg/kg | 0.0069 | Max | 1.5E+05 | -- | 5E-08 | -- |
| 24517 MARBELLA AVE | Toluene | ug/kg | 0.43 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24517 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.058 | Max | 6.6E+04 | -- | 9E-07 | -- |
| 24517 MARBELLA AVE | Vanadium | mg/kg | 63 | Max | 3.4E+04 | -- | 2E-03 | -- |
| 24518 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 4507 | 95UCL | 7.2E+06 | -- | 6E-04 | -- |
| 24518 NEPTUNE AVE | 1,2-Dichloropropane | ug/kg | 0.45 | Max | 1.3E+06 | 7.2E+04 | 4E-07 | 6E-12 |
| 24518 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 250 | Max | 7.4E+06 | -- | 3E-05 | -- |
| 24518 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 14.34 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24518 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 1.1 | Max | 1.1E+04 | 1.4E+02 | 1E-04 | 8E-09 |
| 24518 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 23.15 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24518 NEPTUNE AVE | Benzene | ug/kg | 101.7 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-05 | 5E-09 |
| 24518 NEPTUNE AVE | Bromomethane | ug/kg | 510 | Max | 7.7E+05 | -- | 7E-04 | -- |
| 24518 NEPTUNE AVE | Cobalt | mg/kg | 10.42 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24518 NEPTUNE AVE | Ethylbenzene | ug/kg | 2063 | 95UCL | 2.9E+08 | 4.2E+05 | 7E-06 | 5E-09 |
| 24518 NEPTUNE AVE | Naphthalene | mg/kg | 6.711 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-04 | 2E-08 |
| 24518 NEPTUNE AVE | Pyrene | mg/kg | 1.751 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |
| 24518 NEPTUNE AVE | Toluene | ug/kg | 26.3 | 95UCL | 4.2E+08 | -- | 6E-08 | -- |
| 24518 NEPTUNE AVE | TPH as Diesel | mg/kg | 11830 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24518 NEPTUNE AVE | TPH as Gasoline | mg/kg | 877 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24518 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 13811 | 95UCL | 2.9E+05 | -- | 5E-02 | -- |
| 24518 NEPTUNE AVE | Xylenes, Total | ug/kg | 474 | 95UCL | 4.9E+07 | -- | 1E-05 | -- |
| 24518 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.18 | Max | 7.2E+06 | -- | 3E-08 | -- |
| 24518 PANAMA AVE | Benzene | ug/kg | 6.221 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-06 | 3E-10 |
| 24518 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24518 PANAMA AVE | Ethylbenzene | ug/kg | 0.877 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-09 | 2E-12 |
| 24518 PANAMA AVE | Naphthalene | mg/kg | 0.00138 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-07 | 4E-12 |
| 24518 PANAMA AVE | Pyrene | mg/kg | 0.00496 | 95UCL | 1.5E+05 | -- | 3E-08 | -- |
| 24518 PANAMA AVE | Toluene | ug/kg | 0.872 | 95UCL | 4.2E+08 | -- | 2E-09 | -- |
| 24518 PANAMA AVE | TPH as Diesel | mg/kg | 12 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 24518 PANAMA AVE | TPH as Gasoline | mg/kg | 0.06 | Max | 6.6E+04 | -- | 9E-07 | -- |
| 24518 PANAMA AVE | TPH as Motor Oil | mg/kg | 16 | Max | 2.9E+05 | -- | 6E-05 | -- |
| 24518 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 11000 | Max | 7.2E+06 | -- | 2E-03 | -- |
| 24518 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 930 | Max | 7.4E+06 | -- | 1E-04 | -- |
| 24518 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 13 | Max | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |

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**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24518 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 20 | Max | 2.0E+04 | -- | 1E-03 | -- |
| 24518 RAVENNA AVE | Benzene | ug/kg | 480 | Max | 5.8E+06 | 1.9E+04 | 8E-05 | 3E-08 |
| 24518 RAVENNA AVE | Ethylbenzene | ug/kg | 4300 | Max | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24518 RAVENNA AVE | Naphthalene | mg/kg | 8.9 | Max | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24518 RAVENNA AVE | Pyrene | mg/kg | 0.11 | Max | 1.5E+05 | -- | 7E-07 | -- |
| 24518 RAVENNA AVE | TPH as Diesel | mg/kg | 7200 | Max | 1.1E+05 | -- | 7E-02 | -- |
| 24518 RAVENNA AVE | TPH as Gasoline | mg/kg | 910 | Max | 6.6E+04 | -- | 1E-02 | -- |
| 24518 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6400 | Max | 2.9E+05 | -- | 2E-02 | -- |
| 24518 RAVENNA AVE | Xylenes, Total | ug/kg | 2800 | Max | 4.9E+07 | -- | 6E-05 | -- |
| 24519 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 370.5 | 95UCL | 7.2E+06 | -- | 5E-05 | -- |
| 24519 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 22 | Max | 7.4E+06 | -- | 3E-06 | -- |
| 24519 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.083 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-05 | 3E-09 |
| 24519 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 6.245 | 95UCL | 2.0E+04 | -- | 3E-04 | -- |
| 24519 NEPTUNE AVE | Benzene | ug/kg | 58.24 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-05 | 3E-09 |
| 24519 NEPTUNE AVE | Ethylbenzene | ug/kg | 3400 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 8E-09 |
| 24519 NEPTUNE AVE | Naphthalene | mg/kg | 2.873 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 8E-09 |
| 24519 NEPTUNE AVE | Pyrene | mg/kg | 0.69 | 95UCL | 1.5E+05 | -- | 5E-06 | -- |
| 24519 NEPTUNE AVE | Toluene | ug/kg | 7.313 | 95UCL | 4.2E+08 | -- | 2E-08 | -- |
| 24519 NEPTUNE AVE | TPH as Diesel | mg/kg | 3511 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 24519 NEPTUNE AVE | TPH as Gasoline | mg/kg | 780 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24519 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3740 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24519 NEPTUNE AVE | Xylenes, Total | ug/kg | 30.05 | 95UCL | 4.9E+07 | -- | 6E-07 | -- |
| 24519 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 5800 | Max | 7.2E+06 | -- | 8E-04 | -- |
| 24519 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 11 | Max | 3.5E+05 | 1.4E+03 | 3E-05 | 8E-09 |
| 24519 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 16 | Max | 2.0E+04 | -- | 8E-04 | -- |
| 24519 PANAMA AVE | Benzene | ug/kg | 440 | Max | 5.8E+06 | 1.9E+04 | 8E-05 | 2E-08 |
| 24519 PANAMA AVE | Ethylbenzene | ug/kg | 3100 | Max | 2.9E+08 | 4.2E+05 | 1E-05 | 7E-09 |
| 24519 PANAMA AVE | Naphthalene | mg/kg | 7.1 | Max | 1.3E+04 | 3.5E+02 | 5E-04 | 2E-08 |
| 24519 PANAMA AVE | Pyrene | mg/kg | 0.19 | Max | 1.5E+05 | -- | 1E-06 | -- |
| 24519 PANAMA AVE | Toluene | ug/kg | 0.64 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24519 PANAMA AVE | TPH as Diesel | mg/kg | 12000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24519 PANAMA AVE | TPH as Gasoline | mg/kg | 720 | Max | 6.6E+04 | -- | 1E-02 | -- |
| 24519 PANAMA AVE | TPH as Motor Oil | mg/kg | 11000 | Max | 2.9E+05 | -- | 4E-02 | -- |
| 24519 PANAMA AVE | Xylenes, Total | ug/kg | 590 | Max | 4.9E+07 | -- | 1E-05 | -- |
| 24522 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1100 | Max | 7.2E+06 | -- | 2E-04 | -- |
| 24522 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 44 | Max | 7.4E+06 | -- | 6E-06 | -- |
| 24522 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 15.51 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24522 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 20.1 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24522 MARBELLA AVE | Benzene | ug/kg | 250 | Max | 5.8E+06 | 1.9E+04 | 4E-05 | 1E-08 |
| 24522 MARBELLA AVE | Bromodichloromethane | ug/kg | 2.4 | Max | 3.8E+07 | 4.2E+04 | 6E-08 | 6E-11 |
| 24522 MARBELLA AVE | Cobalt | mg/kg | 13.65 | 95UCL | 2.1E+03 | 2.7E+06 | 7E-03 | 5E-12 |
| 24522 MARBELLA AVE | Ethylbenzene | ug/kg | 14000 | Max | 2.9E+08 | 4.2E+05 | 5E-05 | 3E-08 |
| 24522 MARBELLA AVE | Naphthalene | mg/kg | 9.57 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24522 MARBELLA AVE | Pyrene | mg/kg | 0.44 | Max | 1.5E+05 | -- | 3E-06 | -- |
| 24522 MARBELLA AVE | Toluene | ug/kg | 81 | Max | 4.2E+08 | -- | 2E-07 | -- |
| 24522 MARBELLA AVE | TPH as Diesel | mg/kg | 19953 | 95UCL | 1.1E+05 | -- | 2E-01 | -- |
| 24522 MARBELLA AVE | TPH as Gasoline | mg/kg | 950 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24522 MARBELLA AVE | TPH as Motor Oil | mg/kg | 18750 | 95UCL | 2.9E+05 | -- | 7E-02 | -- |
| 24522 MARBELLA AVE | Trichloroethene | ug/kg | 0.69 | Max | 5.0E+05 | 1.0E+05 | 1E-06 | 7E-12 |
| 24522 MARBELLA AVE | Vanadium | mg/kg | 48.14 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 24522 MARBELLA AVE | Xylenes, Total | ug/kg | 270 | Max | 4.9E+07 | -- | 6E-06 | -- |
| 24522 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 97.89 | 95UCL | 7.2E+06 | -- | 1E-05 | -- |
| 24522 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 26 | Max | 7.4E+06 | -- | 4E-06 | -- |
| 24522 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 5.387 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 4E-09 |
| 24522 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 8.41 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 24522 NEPTUNE AVE | Benzene | ug/kg | 135.4 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-05 | 7E-09 |
| 24522 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.35 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24522 NEPTUNE AVE | Cobalt | mg/kg | 10.43 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24522 NEPTUNE AVE | Ethylbenzene | ug/kg | 1875 | 95UCL | 2.9E+08 | 4.2E+05 | 7E-06 | 5E-09 |
| 24522 NEPTUNE AVE | Naphthalene | mg/kg | 3.894 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-04 | 1E-08 |
| 24522 NEPTUNE AVE | Pyrene | mg/kg | 0.379 | 95UCL | 1.5E+05 | -- | 3E-06 | -- |
| 24522 NEPTUNE AVE | TPH as Diesel | mg/kg | 3639 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 24522 NEPTUNE AVE | TPH as Gasoline | mg/kg | 407.6 | 95UCL | 6.6E+04 | -- | 6E-03 | -- |
| 24522 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4375 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24522 NEPTUNE AVE | Xylenes, Total | ug/kg | 110 | Max | 4.9E+07 | -- | 2E-06 | -- |
| 24522 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.13 | Max | 7.2E+06 | -- | 2E-08 | -- |
| 24522 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.015 | Max | 3.5E+05 | 1.4E+03 | 4E-08 | 1E-11 |
| 24522 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.02 | Max | 2.0E+04 | -- | 1E-06 | -- |
| 24522 PANAMA AVE | Benzene | ug/kg | 4.213 | 95UCL | 5.8E+06 | 1.9E+04 | 7E-07 | 2E-10 |
| 24522 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.36 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24522 PANAMA AVE | Ethylbenzene | ug/kg | 0.611 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-09 | 2E-12 |
| 24522 PANAMA AVE | Naphthalene | mg/kg | 0.0034 | Max | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 24522 PANAMA AVE | Pyrene | mg/kg | 0.0164 | 95UCL | 1.5E+05 | -- | 1E-07 | -- |
| 24522 PANAMA AVE | Toluene | ug/kg | 0.566 | 95UCL | 4.2E+08 | -- | 1E-09 | -- |
| 24522 PANAMA AVE | TPH as Gasoline | mg/kg | 0.063 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24522 PANAMA AVE | TPH as Motor Oil | mg/kg | 26 | Max | 2.9E+05 | -- | 9E-05 | -- |
| 24522 PANAMA AVE | Xylenes, Total | ug/kg | 0.38 | Max | 4.9E+07 | -- | 8E-09 | -- |
| 24522 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 3958 | 95UCL | 7.2E+06 | -- | 6E-04 | -- |
| 24522 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1300 | Max | 7.4E+06 | -- | 2E-04 | -- |
| 24522 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 5.45 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 4E-09 |
| 24522 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 7.496 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 24522 RAVENNA AVE | Benzene | ug/kg | 214.9 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-05 | 1E-08 |
| 24522 RAVENNA AVE | Ethylbenzene | ug/kg | 1772 | 95UCL | 2.9E+08 | 4.2E+05 | 6E-06 | 4E-09 |
| 24522 RAVENNA AVE | Naphthalene | mg/kg | 3.337 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-04 | 1E-08 |
| 24522 RAVENNA AVE | Pyrene | mg/kg | 0.397 | 95UCL | 1.5E+05 | -- | 3E-06 | -- |
| 24522 RAVENNA AVE | Toluene | ug/kg | 19.37 | 95UCL | 4.2E+08 | -- | 5E-08 | -- |
| 24522 RAVENNA AVE | TPH as Diesel | mg/kg | 6805 | 95UCL | 1.1E+05 | -- | 6E-02 | -- |
| 24522 RAVENNA AVE | TPH as Gasoline | mg/kg | 532 | 95UCL | 6.6E+04 | -- | 8E-03 | -- |
| 24522 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6288 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24522 RAVENNA AVE | Xylenes, Total | ug/kg | 524 | 95UCL | 4.9E+07 | -- | 1E-05 | -- |
| 24523 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.26 | Max | 7.2E+06 | -- | 4E-08 | -- |
| 24523 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.014 | Max | 3.5E+05 | 1.4E+03 | 4E-08 | 1E-11 |
| 24523 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00556 | 95UCL | 2.0E+04 | -- | 3E-07 | -- |
| 24523 MARBELLA AVE | Benzene | ug/kg | 0.16 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 24523 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 2.1E+04 | 1.1E+02 | 3E-05 | 5E-09 |
| 24523 MARBELLA AVE | Cobalt | mg/kg | 11.17 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24523 MARBELLA AVE | Naphthalene | mg/kg | 0.0045 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 24523 MARBELLA AVE | Pyrene | mg/kg | 0.00717 | 95UCL | 1.5E+05 | -- | 5E-08 | -- |
| 24523 MARBELLA AVE | Tetrachloroethene | ug/kg | 2.198 | 95UCL | 7.5E+06 | 4.9E+04 | 3E-07 | 5E-11 |
| 24523 MARBELLA AVE | Toluene | ug/kg | 0.18 | Max | 4.2E+08 | -- | 4E-10 | -- |
| 24523 MARBELLA AVE | TPH as Diesel | mg/kg | 23 | Max | 1.1E+05 | -- | 2E-04 | -- |
| 24523 MARBELLA AVE | TPH as Motor Oil | mg/kg | 45 | Max | 2.9E+05 | -- | 2E-04 | -- |
| 24523 MARBELLA AVE | Xylenes, Total | ug/kg | 0.21 | Max | 4.9E+07 | -- | 4E-09 | -- |
| 24523 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 11498 | 95UCL | 7.2E+06 | -- | 2E-03 | -- |
| 24523 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 12000 | Max | 7.4E+06 | -- | 2E-03 | -- |
| 24523 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 16.92 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24523 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 33 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24523 NEPTUNE AVE | Benzene | ug/kg | 4231 | 95UCL | 5.8E+06 | 1.9E+04 | 7E-04 | 2E-07 |
| 24523 NEPTUNE AVE | Cobalt | mg/kg | 10.52 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24523 NEPTUNE AVE | Ethylbenzene | ug/kg | 6772 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 2E-08 |
| 24523 NEPTUNE AVE | Naphthalene | mg/kg | 7.711 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-04 | 2E-08 |
| 24523 NEPTUNE AVE | Pyrene | mg/kg | 1.336 | 95UCL | 1.5E+05 | -- | 9E-06 | -- |
| 24523 NEPTUNE AVE | Toluene | ug/kg | 320 | Max | 4.2E+08 | -- | 8E-07 | -- |
| 24523 NEPTUNE AVE | TPH as Diesel | mg/kg | 7786 | 95UCL | 1.1E+05 | -- | 7E-02 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24523 NEPTUNE AVE | TPH as Gasoline | mg/kg | 2704 | 95UCL | 6.6E+04 | -- | 4E-02 | -- |
| 24523 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 11000 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24523 NEPTUNE AVE | Xylenes, Total | ug/kg | 20104 | 95UCL | 4.9E+07 | -- | 4E-04 | -- |
| 24523 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 120 | Max | 7.2E+06 | -- | 2E-05 | -- |
| 24523 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 31 | Max | 7.4E+06 | -- | 4E-06 | -- |
| 24523 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 11 | Max | 3.5E+05 | 1.4E+03 | 3E-05 | 8E-09 |
| 24523 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 17 | Max | 2.0E+04 | -- | 9E-04 | -- |
| 24523 RAVENNA AVE | Benzene | ug/kg | 80 | Max | 5.8E+06 | 1.9E+04 | 1E-05 | 4E-09 |
| 24523 RAVENNA AVE | Bromomethane | ug/kg | 290 | Max | 7.7E+05 | -- | 4E-04 | -- |
| 24523 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.075 | Max | 2.1E+04 | 1.1E+02 | 4E-06 | 7E-10 |
| 24523 RAVENNA AVE | Ethylbenzene | ug/kg | 4400 | Max | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24523 RAVENNA AVE | Naphthalene | mg/kg | 5.6 | Max | 1.3E+04 | 3.5E+02 | 4E-04 | 2E-08 |
| 24523 RAVENNA AVE | Pyrene | mg/kg | 0.87 | Max | 1.5E+05 | -- | 6E-06 | -- |
| 24523 RAVENNA AVE | Toluene | ug/kg | 24 | Max | 4.2E+08 | -- | 6E-08 | -- |
| 24523 RAVENNA AVE | TPH as Diesel | mg/kg | 7100 | Max | 1.1E+05 | -- | 7E-02 | -- |
| 24523 RAVENNA AVE | TPH as Gasoline | mg/kg | 770 | Max | 6.6E+04 | -- | 1E-02 | -- |
| 24523 RAVENNA AVE | TPH as Motor Oil | mg/kg | 7900 | Max | 2.9E+05 | -- | 3E-02 | -- |
| 24523 RAVENNA AVE | Xylenes, Total | ug/kg | 34 | Max | 4.9E+07 | -- | 7E-07 | -- |
| 24526 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 29889 | 95UCL | 7.2E+06 | -- | 4E-03 | -- |
| 24526 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 6433 | 95UCL | 7.4E+06 | -- | 9E-04 | -- |
| 24526 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 21.22 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-05 | 2E-08 |
| 24526 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 31.22 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24526 MARBELLA AVE | Benzene | ug/kg | 8856 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-03 | 5E-07 |
| 24526 MARBELLA AVE | Cobalt | mg/kg | 10.44 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24526 MARBELLA AVE | Ethylbenzene | ug/kg | 18889 | 95UCL | 2.9E+08 | 4.2E+05 | 7E-05 | 5E-08 |
| 24526 MARBELLA AVE | Naphthalene | mg/kg | 16.61 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 5E-08 |
| 24526 MARBELLA AVE | Pyrene | mg/kg | 0.813 | 95UCL | 1.5E+05 | -- | 5E-06 | -- |
| 24526 MARBELLA AVE | Toluene | ug/kg | 268.9 | 95UCL | 4.2E+08 | -- | 6E-07 | -- |
| 24526 MARBELLA AVE | TPH as Diesel | mg/kg | 13016 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24526 MARBELLA AVE | TPH as Gasoline | mg/kg | 2608 | 95UCL | 6.6E+04 | -- | 4E-02 | -- |
| 24526 MARBELLA AVE | TPH as Motor Oil | mg/kg | 12607 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24526 MARBELLA AVE | Xylenes, Total | ug/kg | 27222 | 95UCL | 4.9E+07 | -- | 6E-04 | -- |
| 24528 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 59 | Max | 7.2E+06 | -- | 8E-06 | -- |
| 24528 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 17 | Max | 7.4E+06 | -- | 2E-06 | -- |
| 24528 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.5 | Max | 3.5E+05 | 1.4E+03 | 7E-06 | 2E-09 |
| 24528 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.6 | Max | 2.0E+04 | -- | 8E-05 | -- |
| 24528 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24528 NEPTUNE AVE | Ethylbenzene | ug/kg | 410 | Max | 2.9E+08 | 4.2E+05 | 1E-06 | 1E-09 |
| 24528 NEPTUNE AVE | Naphthalene | mg/kg | 1.6 | Max | 1.3E+04 | 3.5E+02 | 1E-04 | 5E-09 |
| 24528 NEPTUNE AVE | Pyrene | mg/kg | 0.028 | Max | 1.5E+05 | -- | 2E-07 | -- |
| 24528 NEPTUNE AVE | Toluene | ug/kg | 140 | Max | 4.2E+08 | -- | 3E-07 | -- |
| 24528 NEPTUNE AVE | TPH as Diesel | mg/kg | 2400 | Max | 1.1E+05 | -- | 2E-02 | -- |
| 24528 NEPTUNE AVE | TPH as Gasoline | mg/kg | 370 | Max | 6.6E+04 | -- | 6E-03 | -- |
| 24528 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2100 | Max | 2.9E+05 | -- | 7E-03 | -- |
| 24528 NEPTUNE AVE | Trichloroethene | ug/kg | 720 | Max | 5.0E+05 | 1.0E+05 | 1E-03 | 7E-09 |
| 24528 NEPTUNE AVE | Xylenes, Total | ug/kg | 130 | Max | 4.9E+07 | -- | 3E-06 | -- |
| 24528 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00379 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-08 | 3E-12 |
| 24528 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00644 | 95UCL | 2.0E+04 | -- | 3E-07 | -- |
| 24528 PANAMA AVE | Benzene | ug/kg | 1.7 | Max | 5.8E+06 | 1.9E+04 | 3E-07 | 9E-11 |
| 24528 PANAMA AVE | Ethylbenzene | ug/kg | 0.29 | Max | 2.9E+08 | 4.2E+05 | 1E-09 | 7E-13 |
| 24528 PANAMA AVE | Naphthalene | mg/kg | 0.0109 | 95UCL | 1.3E+04 | 3.5E+02 | 8E-07 | 3E-11 |
| 24528 PANAMA AVE | Pyrene | mg/kg | 0.0233 | 95UCL | 1.5E+05 | -- | 2E-07 | -- |
| 24528 PANAMA AVE | Toluene | ug/kg | 0.56 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24528 PANAMA AVE | TPH as Diesel | mg/kg | 14 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 24528 PANAMA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24528 PANAMA AVE | TPH as Motor Oil | mg/kg | 34 | Max | 2.9E+05 | -- | 1E-04 | -- |
| 24528 PANAMA AVE | Xylenes, Total | ug/kg | 0.43 | Max | 4.9E+07 | -- | 9E-09 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24529 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 4000 | Max | 7.2E+06 | -- | 6E-04 | -- |
| 24529 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 920 | Max | 7.4E+06 | -- | 1E-04 | -- |
| 24529 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 16 | Max | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24529 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 25 | Max | 2.0E+04 | -- | 1E-03 | -- |
| 24529 NEPTUNE AVE | Benzene | ug/kg | 11000 | Max | 5.8E+06 | 1.9E+04 | 2E-03 | 6E-07 |
| 24529 NEPTUNE AVE | Ethylbenzene | ug/kg | 12000 | Max | 2.9E+08 | 4.2E+05 | 4E-05 | 3E-08 |
| 24529 NEPTUNE AVE | Naphthalene | mg/kg | 11 | Max | 1.3E+04 | 3.5E+02 | 8E-04 | 3E-08 |
| 24529 NEPTUNE AVE | Pyrene | mg/kg | 1 | Max | 1.5E+05 | -- | 7E-06 | -- |
| 24529 NEPTUNE AVE | Toluene | ug/kg | 610 | Max | 4.2E+08 | -- | 2E-06 | -- |
| 24529 NEPTUNE AVE | TPH as Diesel | mg/kg | 11000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24529 NEPTUNE AVE | TPH as Gasoline | mg/kg | 3000 | Max | 6.6E+04 | -- | 5E-02 | -- |
| 24529 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 10000 | Max | 2.9E+05 | -- | 3E-02 | -- |
| 24529 NEPTUNE AVE | Xylenes, Total | ug/kg | 5700 | Max | 4.9E+07 | -- | 1E-04 | -- |
| 24529 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.53 | Max | 7.2E+06 | -- | 7E-08 | -- |
| 24529 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0033 | Max | 3.5E+05 | 1.4E+03 | 9E-09 | 2E-12 |
| 24529 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0054 | Max | 2.0E+04 | -- | 3E-07 | -- |
| 24529 PANAMA AVE | Benzene | ug/kg | 2.7 | Max | 5.8E+06 | 1.9E+04 | 5E-07 | 1E-10 |
| 24529 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 2.1E+04 | 1.1E+02 | 3E-05 | 5E-09 |
| 24529 PANAMA AVE | Ethylbenzene | ug/kg | 0.4 | Max | 2.9E+08 | 4.2E+05 | 1E-09 | 1E-12 |
| 24529 PANAMA AVE | Naphthalene | mg/kg | 0.034 | Max | 1.3E+04 | 3.5E+02 | 3E-06 | 1E-10 |
| 24529 PANAMA AVE | Pyrene | mg/kg | 0.0024 | Max | 1.5E+05 | -- | 2E-08 | -- |
| 24529 PANAMA AVE | Toluene | ug/kg | 0.49 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24529 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 5600 | Max | 7.2E+06 | -- | 8E-04 | -- |
| 24529 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 680 | Max | 7.4E+06 | -- | 9E-05 | -- |
| 24529 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 21 | Max | 3.5E+05 | 1.4E+03 | 6E-05 | 2E-08 |
| 24529 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 35 | Max | 2.0E+04 | -- | 2E-03 | -- |
| 24529 RAVENNA AVE | Benzene | ug/kg | 290 | Max | 5.8E+06 | 1.9E+04 | 5E-05 | 2E-08 |
| 24529 RAVENNA AVE | Ethylbenzene | ug/kg | 4300 | Max | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24529 RAVENNA AVE | Naphthalene | mg/kg | 15 | Max | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |
| 24529 RAVENNA AVE | Pyrene | mg/kg | 0.28 | Max | 1.5E+05 | -- | 2E-06 | -- |
| 24529 RAVENNA AVE | Toluene | ug/kg | 0.69 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24529 RAVENNA AVE | TPH as Diesel | mg/kg | 11000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24529 RAVENNA AVE | TPH as Gasoline | mg/kg | 1100 | Max | 6.6E+04 | -- | 2E-02 | -- |
| 24529 RAVENNA AVE | TPH as Motor Oil | mg/kg | 11000 | Max | 2.9E+05 | -- | 4E-02 | -- |
| 24529 RAVENNA AVE | Xylenes, Total | ug/kg | 580 | Max | 4.9E+07 | -- | 1E-05 | -- |
| 24532 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 17000 | Max | 7.2E+06 | -- | 2E-03 | -- |
| 24532 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 3400 | Max | 7.4E+06 | -- | 5E-04 | -- |
| 24532 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 34 | Max | 3.5E+05 | 1.4E+03 | 1E-04 | 3E-08 |
| 24532 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 56 | Max | 2.0E+04 | -- | 3E-03 | -- |
| 24532 MARBELLA AVE | Benzene | ug/kg | 2700 | Max | 5.8E+06 | 1.9E+04 | 5E-04 | 1E-07 |
| 24532 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.11 | Max | 2.1E+04 | 1.1E+02 | 5E-06 | 1E-09 |
| 24532 MARBELLA AVE | Cobalt | mg/kg | 16.1 | Max | 2.1E+03 | 2.7E+06 | 8E-03 | 6E-12 |
| 24532 MARBELLA AVE | Ethylbenzene | ug/kg | 26000 | Max | 2.9E+08 | 4.2E+05 | 9E-05 | 6E-08 |
| 24532 MARBELLA AVE | Naphthalene | mg/kg | 34 | Max | 1.3E+04 | 3.5E+02 | 3E-03 | 1E-07 |
| 24532 MARBELLA AVE | Pyrene | mg/kg | 0.62 | Max | 1.5E+05 | -- | 4E-06 | -- |
| 24532 MARBELLA AVE | Toluene | ug/kg | 21 | Max | 4.2E+08 | -- | 5E-08 | -- |
| 24532 MARBELLA AVE | TPH as Diesel | mg/kg | 32000 | Max | 1.1E+05 | -- | 3E-01 | -- |
| 24532 MARBELLA AVE | TPH as Gasoline | mg/kg | 5000 | Max | 6.6E+04 | -- | 8E-02 | -- |
| 24532 MARBELLA AVE | TPH as Motor Oil | mg/kg | 30000 | Max | 2.9E+05 | -- | 1E-01 | -- |
| 24532 MARBELLA AVE | Xylenes, Total | ug/kg | 10000 | Max | 4.9E+07 | -- | 2E-04 | -- |
| 24532 PANAMA AVE | 1,2,3-Trichloropropane | ug/kg | 180 | Max | 2.1E+05 | 1.9E+03 | 9E-04 | 1E-07 |
| 24532 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.21 | Max | 3.5E+05 | 1.4E+03 | 6E-07 | 2E-10 |
| 24532 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.49 | Max | 2.0E+04 | -- | 2E-05 | -- |
| 24532 PANAMA AVE | Benzene | ug/kg | 0.18 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 9E-12 |
| 24532 PANAMA AVE | Naphthalene | mg/kg | 0.15 | Max | 1.3E+04 | 3.5E+02 | 1E-05 | 4E-10 |
| 24532 PANAMA AVE | Pyrene | mg/kg | 2.3 | Max | 1.5E+05 | -- | 2E-05 | -- |
| 24532 PANAMA AVE | TPH as Diesel | mg/kg | 4400 | Max | 1.1E+05 | -- | 4E-02 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24532 PANAMA AVE | TPH as Gasoline | mg/kg | 11 | Max | 6.6E+04 | -- | 2E-04 | -- |
| 24532 PANAMA AVE | TPH as Motor Oil | mg/kg | 7400 | Max | 2.9E+05 | -- | 3E-02 | -- |
| 24532 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.33 | Max | 7.2E+06 | -- | 5E-08 | -- |
| 24532 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0018 | Max | 3.5E+05 | 1.4E+03 | 5E-09 | 1E-12 |
| 24532 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0035 | Max | 2.0E+04 | -- | 2E-07 | -- |
| 24532 RAVENNA AVE | Benzene | ug/kg | 4.2 | Max | 5.8E+06 | 1.9E+04 | 7E-07 | 2E-10 |
| 24532 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24532 RAVENNA AVE | Ethylbenzene | ug/kg | 0.65 | Max | 2.9E+08 | 4.2E+05 | 2E-09 | 2E-12 |
| 24532 RAVENNA AVE | Naphthalene | mg/kg | 0.0073 | Max | 1.3E+04 | 3.5E+02 | 6E-07 | 2E-11 |
| 24532 RAVENNA AVE | Pyrene | mg/kg | 0.0022 | Max | 1.5E+05 | -- | 2E-08 | -- |
| 24532 RAVENNA AVE | Toluene | ug/kg | 0.7 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24532 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.069 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24532 RAVENNA AVE | TPH as Motor Oil | mg/kg | 7 | Max | 2.9E+05 | -- | 2E-05 | -- |
| 24532 RAVENNA AVE | Xylenes, Total | ug/kg | 0.41 | Max | 4.9E+07 | -- | 8E-09 | -- |
| 24533 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0011 | Max | 2.0E+04 | -- | 6E-08 | -- |
| 24533 MARBELLA AVE | Benzene | ug/kg | 3.7 | Max | 5.8E+06 | 1.9E+04 | 6E-07 | 2E-10 |
| 24533 MARBELLA AVE | Bromomethane | ug/kg | 1.1 | Max | 7.7E+05 | -- | 1E-06 | -- |
| 24533 MARBELLA AVE | Cobalt | mg/kg | 16.4 | Max | 2.1E+03 | 2.7E+06 | 8E-03 | 6E-12 |
| 24533 MARBELLA AVE | Ethylbenzene | ug/kg | 0.29 | Max | 2.9E+08 | 4.2E+05 | 1E-09 | 7E-13 |
| 24533 MARBELLA AVE | Naphthalene | mg/kg | 0.0025 | Max | 1.3E+04 | 3.5E+02 | 2E-07 | 7E-12 |
| 24533 MARBELLA AVE | Pyrene | mg/kg | 0.034 | Max | 1.5E+05 | -- | 2E-07 | -- |
| 24533 MARBELLA AVE | Tetrachloroethene | ug/kg | 4.1 | Max | 7.5E+06 | 4.9E+04 | 5E-07 | 9E-11 |
| 24533 MARBELLA AVE | Toluene | ug/kg | 4 | Max | 4.2E+08 | -- | 1E-08 | -- |
| 24533 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.1 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24533 MARBELLA AVE | Xylenes, Total | ug/kg | 1.6 | Max | 4.9E+07 | -- | 3E-08 | -- |
| 24533 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0039 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 3E-12 |
| 24533 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0027 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24533 PANAMA AVE | Benzene | ug/kg | 2.8 | Max | 5.8E+06 | 1.9E+04 | 5E-07 | 2E-10 |
| 24533 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24533 PANAMA AVE | Ethylbenzene | ug/kg | 0.34 | Max | 2.9E+08 | 4.2E+05 | 1E-09 | 8E-13 |
| 24533 PANAMA AVE | Naphthalene | mg/kg | 0.0045 | Max | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 24533 PANAMA AVE | Pyrene | mg/kg | 0.019 | Max | 1.5E+05 | -- | 1E-07 | -- |
| 24533 PANAMA AVE | Toluene | ug/kg | 0.74 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24533 PANAMA AVE | TPH as Diesel | mg/kg | 97 | Max | 1.1E+05 | -- | 9E-04 | -- |
| 24533 PANAMA AVE | TPH as Gasoline | mg/kg | 0.21 | Max | 6.6E+04 | -- | 3E-06 | -- |
| 24533 PANAMA AVE | TPH as Motor Oil | mg/kg | 130 | Max | 2.9E+05 | -- | 5E-04 | -- |
| 24533 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.72 | Max | 7.2E+06 | -- | 1E-07 | -- |
| 24533 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0044 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 3E-12 |
| 24533 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00335 | 95UCL | 2.0E+04 | -- | 2E-07 | -- |
| 24533 RAVENNA AVE | Benzene | ug/kg | 1.9 | Max | 5.8E+06 | 1.9E+04 | 3E-07 | 1E-10 |
| 24533 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.45 | Max | 1.1E+05 | 3.0E+03 | 4E-06 | 2E-10 |
| 24533 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24533 RAVENNA AVE | Ethylbenzene | ug/kg | 0.86 | Max | 2.9E+08 | 4.2E+05 | 3E-09 | 2E-12 |
| 24533 RAVENNA AVE | Naphthalene | mg/kg | 0.00954 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-07 | 3E-11 |
| 24533 RAVENNA AVE | Pyrene | mg/kg | 0.0577 | 95UCL | 1.5E+05 | -- | 4E-07 | -- |
| 24533 RAVENNA AVE | Toluene | ug/kg | 0.6 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24533 RAVENNA AVE | TPH as Diesel | mg/kg | 10 | Max | 1.1E+05 | -- | 9E-05 | -- |
| 24533 RAVENNA AVE | TPH as Motor Oil | mg/kg | 12 | Max | 2.9E+05 | -- | 4E-05 | -- |
| 24602 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 36 | Max | 7.2E+06 | -- | 5E-06 | -- |
| 24602 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 48.69 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-04 | 4E-08 |
| 24602 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 169.4 | 95UCL | 2.0E+04 | -- | 8E-03 | -- |
| 24602 MARBELLA AVE | Benzene | ug/kg | 13 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-06 | 7E-10 |
| 24602 MARBELLA AVE | Bromomethane | ug/kg | 90 | Max | 7.7E+05 | -- | 1E-04 | -- |
| 24602 MARBELLA AVE | Cobalt | mg/kg | 10.48 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24602 MARBELLA AVE | Ethylbenzene | ug/kg | 1661 | 95UCL | 2.9E+08 | 4.2E+05 | 6E-06 | 4E-09 |
| 24602 MARBELLA AVE | Naphthalene | mg/kg | 30.92 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-03 | 9E-08 |
| 24602 MARBELLA AVE | Pyrene | mg/kg | 2.63 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |

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**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24602 MARBELLA AVE | Toluene | ug/kg | 17 | Max | 4.2E+08 | -- | 4E-08 | -- |
| 24602 MARBELLA AVE | TPH as Diesel | mg/kg | 7778 | 95UCL | 1.1E+05 | -- | 7E-02 | -- |
| 24602 MARBELLA AVE | TPH as Gasoline | mg/kg | 465.8 | 95UCL | 6.6E+04 | -- | 7E-03 | -- |
| 24602 MARBELLA AVE | TPH as Motor Oil | mg/kg | 7133 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24602 MARBELLA AVE | Vanadium | mg/kg | 51.71 | 95UCL | 3.4E+04 | -- | 2E-03 | -- |
| 24602 MARBELLA AVE | Xylenes, Total | ug/kg | 190 | Max | 4.9E+07 | -- | 4E-06 | -- |
| 24602 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.002 | Max | 3.5E+05 | 1.4E+03 | 6E-09 | 2E-12 |
| 24602 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0028 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24602 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24602 NEPTUNE AVE | Naphthalene | mg/kg | 0.0016 | Max | 1.3E+04 | 3.5E+02 | 1E-07 | 5E-12 |
| 24602 NEPTUNE AVE | Pyrene | mg/kg | 0.0017 | Max | 1.5E+05 | -- | 1E-08 | -- |
| 24602 NEPTUNE AVE | TPH as Diesel | mg/kg | 5.6 | Max | 1.1E+05 | -- | 5E-05 | -- |
| 24602 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.054 | Max | 6.6E+04 | -- | 8E-07 | -- |
| 24602 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 11 | Max | 2.9E+05 | -- | 4E-05 | -- |
| 24602 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 2.069 | 95UCL | 7.2E+06 | -- | 3E-07 | -- |
| 24602 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.741 | 95UCL | 7.4E+06 | -- | 1E-07 | -- |
| 24602 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.657 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-06 | 5E-10 |
| 24602 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.164 | 95UCL | 2.0E+04 | -- | 6E-05 | -- |
| 24602 PANAMA AVE | Benzene | ug/kg | 0.226 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 24602 PANAMA AVE | Bromomethane | ug/kg | 2.2 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 24602 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24602 PANAMA AVE | Ethylbenzene | ug/kg | 0.222 | 95UCL | 2.9E+08 | 4.2E+05 | 8E-10 | 5E-13 |
| 24602 PANAMA AVE | Naphthalene | mg/kg | 0.249 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-05 | 7E-10 |
| 24602 PANAMA AVE | Pyrene | mg/kg | 3.061 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24602 PANAMA AVE | Toluene | ug/kg | 0.294 | 95UCL | 4.2E+08 | -- | 7E-10 | -- |
| 24602 PANAMA AVE | TPH as Diesel | mg/kg | 3007 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 24602 PANAMA AVE | TPH as Gasoline | mg/kg | 0.267 | 95UCL | 6.6E+04 | -- | 4E-06 | -- |
| 24602 PANAMA AVE | TPH as Motor Oil | mg/kg | 4750 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24602 PANAMA AVE | Xylenes, Total | ug/kg | 0.624 | 95UCL | 4.9E+07 | -- | 1E-08 | -- |
| 24602 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.3 | Max | 7.2E+06 | -- | 4E-08 | -- |
| 24602 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0008 | Max | 2.0E+04 | -- | 4E-08 | -- |
| 24602 RAVENNA AVE | Bromomethane | ug/kg | 4.6 | Max | 7.7E+05 | -- | 6E-06 | -- |
| 24602 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24602 RAVENNA AVE | Naphthalene | mg/kg | 0.0029 | Max | 1.3E+04 | 3.5E+02 | 2E-07 | 8E-12 |
| 24602 RAVENNA AVE | Pyrene | mg/kg | 0.023 | Max | 1.5E+05 | -- | 2E-07 | -- |
| 24602 RAVENNA AVE | Toluene | ug/kg | 3.7 | Max | 4.2E+08 | -- | 9E-09 | -- |
| 24602 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.056 | Max | 6.6E+04 | -- | 9E-07 | -- |
| 24603 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.31 | Max | 7.2E+06 | -- | 4E-08 | -- |
| 24603 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.009 | Max | 3.5E+05 | 1.4E+03 | 3E-08 | 7E-12 |
| 24603 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.021 | Max | 2.0E+04 | -- | 1E-06 | -- |
| 24603 MARBELLA AVE | Benzene | ug/kg | 0.16 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 24603 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24603 MARBELLA AVE | Cobalt | mg/kg | 12.5 | Max | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 24603 MARBELLA AVE | Naphthalene | mg/kg | 0.044 | Max | 1.3E+04 | 3.5E+02 | 3E-06 | 1E-10 |
| 24603 MARBELLA AVE | Pyrene | mg/kg | 0.023 | Max | 1.5E+05 | -- | 2E-07 | -- |
| 24603 MARBELLA AVE | Tetrachloroethene | ug/kg | 0.18 | Max | 7.5E+06 | 4.9E+04 | 2E-08 | 4E-12 |
| 24603 MARBELLA AVE | Toluene | ug/kg | 0.17 | Max | 4.2E+08 | -- | 4E-10 | -- |
| 24603 MARBELLA AVE | TPH as Diesel | mg/kg | 44 | Max | 1.1E+05 | -- | 4E-04 | -- |
| 24603 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.086 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24603 MARBELLA AVE | TPH as Motor Oil | mg/kg | 120 | Max | 2.9E+05 | -- | 4E-04 | -- |
| 24603 MARBELLA AVE | Vanadium | mg/kg | 59.2 | Max | 3.4E+04 | -- | 2E-03 | -- |
| 24603 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 3200 | Max | 7.2E+06 | -- | 4E-04 | -- |
| 24603 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 1300 | Max | 7.4E+06 | -- | 2E-04 | -- |
| 24603 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.452 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-06 | 3E-10 |
| 24603 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.771 | 95UCL | 2.0E+04 | -- | 4E-05 | -- |
| 24603 NEPTUNE AVE | Benzene | ug/kg | 37.38 | 95UCL | 5.8E+06 | 1.9E+04 | 6E-06 | 2E-09 |
| 24603 NEPTUNE AVE | Bromodichloromethane | ug/kg | 170 | Max | 3.8E+07 | 4.2E+04 | 5E-06 | 4E-09 |

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**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24603 NEPTUNE AVE | Ethylbenzene | ug/kg | 730 | Max | 2.9E+08 | 4.2E+05 | 3E-06 | 2E-09 |
| 24603 NEPTUNE AVE | Naphthalene | mg/kg | 0.386 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-05 | 1E-09 |
| 24603 NEPTUNE AVE | Pyrene | mg/kg | 0.027 | 95UCL | 1.5E+05 | -- | 2E-07 | -- |
| 24603 NEPTUNE AVE | Toluene | ug/kg | 153.3 | 95UCL | 4.2E+08 | -- | 4E-07 | -- |
| 24603 NEPTUNE AVE | TPH as Diesel | mg/kg | 520 | Max | 1.1E+05 | -- | 5E-03 | -- |
| 24603 NEPTUNE AVE | TPH as Gasoline | mg/kg | 250 | Max | 6.6E+04 | -- | 4E-03 | -- |
| 24603 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 540 | Max | 2.9E+05 | -- | 2E-03 | -- |
| 24603 NEPTUNE AVE | Xylenes, Total | ug/kg | 5200 | Max | 4.9E+07 | -- | 1E-04 | -- |
| 24603 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1 | Max | 7.2E+06 | -- | 1E-07 | -- |
| 24603 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.01 | Max | 3.5E+05 | 1.4E+03 | 3E-08 | 7E-12 |
| 24603 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.011 | Max | 2.0E+04 | -- | 6E-07 | -- |
| 24603 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24603 PANAMA AVE | Naphthalene | mg/kg | 0.0065 | Max | 1.3E+04 | 3.5E+02 | 5E-07 | 2E-11 |
| 24603 PANAMA AVE | Pyrene | mg/kg | 0.04 | Max | 1.5E+05 | -- | 3E-07 | -- |
| 24603 PANAMA AVE | TPH as Diesel | mg/kg | 66 | Max | 1.1E+05 | -- | 6E-04 | -- |
| 24603 PANAMA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24603 PANAMA AVE | TPH as Motor Oil | mg/kg | 89 | Max | 2.9E+05 | -- | 3E-04 | -- |
| 24603 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.68 | Max | 7.2E+06 | -- | 9E-08 | -- |
| 24603 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.002 | Max | 3.5E+05 | 1.4E+03 | 6E-09 | 2E-12 |
| 24603 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0028 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24603 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.066 | Max | 2.1E+04 | 1.1E+02 | 3E-06 | 6E-10 |
| 24603 RAVENNA AVE | Naphthalene | mg/kg | 0.0084 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-07 | 2E-11 |
| 24603 RAVENNA AVE | Pyrene | mg/kg | 0.0095 | Max | 1.5E+05 | -- | 6E-08 | -- |
| 24603 RAVENNA AVE | Thallium | mg/kg | 1.973 | 95UCL | 6.8E+01 | -- | 3E-02 | -- |
| 24603 RAVENNA AVE | Toluene | ug/kg | 0.53 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24603 RAVENNA AVE | Xylenes, Total | ug/kg | 0.34 | Max | 4.9E+07 | -- | 7E-09 | -- |
| 24606 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 4981 | 95UCL | 7.2E+06 | -- | 7E-04 | -- |
| 24606 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1596 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 24606 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 14.56 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24606 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 24.72 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24606 MARBELLA AVE | Benzene | ug/kg | 1449 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-04 | 8E-08 |
| 24606 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.54 | Max | 1.1E+05 | 3.0E+03 | 5E-06 | 2E-10 |
| 24606 MARBELLA AVE | Cobalt | mg/kg | 9.044 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24606 MARBELLA AVE | Ethylbenzene | ug/kg | 4424 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24606 MARBELLA AVE | Naphthalene | mg/kg | 21.03 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-03 | 6E-08 |
| 24606 MARBELLA AVE | Pyrene | mg/kg | 2.131 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |
| 24606 MARBELLA AVE | Toluene | ug/kg | 310 | Max | 4.2E+08 | -- | 7E-07 | -- |
| 24606 MARBELLA AVE | TPH as Diesel | mg/kg | 7226 | 95UCL | 1.1E+05 | -- | 7E-02 | -- |
| 24606 MARBELLA AVE | TPH as Gasoline | mg/kg | 776.7 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24606 MARBELLA AVE | TPH as Motor Oil | mg/kg | 7486 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24606 MARBELLA AVE | Xylenes, Total | ug/kg | 3317 | 95UCL | 4.9E+07 | -- | 7E-05 | -- |
| 24607 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.1 | Max | 7.2E+06 | -- | 1E-08 | -- |
| 24607 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.38 | Max | 7.4E+06 | -- | 5E-08 | -- |
| 24607 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0058 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 4E-12 |
| 24607 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.011 | Max | 2.0E+04 | -- | 6E-07 | -- |
| 24607 MARBELLA AVE | Benzene | ug/kg | 0.15 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 24607 MARBELLA AVE | Cobalt | mg/kg | 15.8 | Max | 2.1E+03 | 2.7E+06 | 8E-03 | 6E-12 |
| 24607 MARBELLA AVE | Naphthalene | mg/kg | 0.0084 | Max | 1.3E+04 | 3.5E+02 | 6E-07 | 2E-11 |
| 24607 MARBELLA AVE | Pyrene | mg/kg | 0.0071 | Max | 1.5E+05 | -- | 5E-08 | -- |
| 24607 MARBELLA AVE | Toluene | ug/kg | 0.31 | Max | 4.2E+08 | -- | 7E-10 | -- |
| 24607 MARBELLA AVE | TPH as Motor Oil | mg/kg | 8.9 | Max | 2.9E+05 | -- | 3E-05 | -- |
| 24608 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 290 | Max | 7.2E+06 | -- | 4E-05 | -- |
| 24608 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 48 | Max | 7.4E+06 | -- | 7E-06 | -- |
| 24608 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 34 | Max | 3.5E+05 | 1.4E+03 | 1E-04 | 3E-08 |
| 24608 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 59 | Max | 2.0E+04 | -- | 3E-03 | -- |
| 24608 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24608 NEPTUNE AVE | Ethylbenzene | ug/kg | 2100 | Max | 2.9E+08 | 4.2E+05 | 7E-06 | 5E-09 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24608 NEPTUNE AVE | Naphthalene | mg/kg | 25 | Max | 1.3E+04 | 3.5E+02 | 2E-03 | 7E-08 |
| 24608 NEPTUNE AVE | Pyrene | mg/kg | 0.0008 | Max | 1.5E+05 | -- | 5E-09 | -- |
| 24608 NEPTUNE AVE | Toluene | ug/kg | 0.17 | Max | 4.2E+08 | -- | 4E-10 | -- |
| 24608 NEPTUNE AVE | TPH as Diesel | mg/kg | 11000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24608 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1100 | Max | 6.6E+04 | -- | 2E-02 | -- |
| 24608 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 8500 | Max | 2.9E+05 | -- | 3E-02 | -- |
| 24608 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 760 | Max | 7.2E+06 | -- | 1E-04 | -- |
| 24608 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 210 | Max | 7.4E+06 | -- | 3E-05 | -- |
| 24608 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.4 | Max | 3.5E+05 | 1.4E+03 | 4E-06 | 1E-09 |
| 24608 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.9 | Max | 2.0E+04 | -- | 1E-04 | -- |
| 24608 PANAMA AVE | Benzene | ug/kg | 12 | Max | 5.8E+06 | 1.9E+04 | 2E-06 | 6E-10 |
| 24608 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24608 PANAMA AVE | Ethylbenzene | ug/kg | 140 | Max | 2.9E+08 | 4.2E+05 | 5E-07 | 3E-10 |
| 24608 PANAMA AVE | Naphthalene | mg/kg | 1 | Max | 1.3E+04 | 3.5E+02 | 8E-05 | 3E-09 |
| 24608 PANAMA AVE | Pyrene | mg/kg | 2.5 | Max | 1.5E+05 | -- | 2E-05 | -- |
| 24608 PANAMA AVE | Thallium | mg/kg | 2.5 | Max | 6.8E+01 | -- | 4E-02 | -- |
| 24608 PANAMA AVE | Toluene | ug/kg | 19 | Max | 4.2E+08 | -- | 5E-08 | -- |
| 24608 PANAMA AVE | TPH as Diesel | mg/kg | 920 | Max | 1.1E+05 | -- | 8E-03 | -- |
| 24608 PANAMA AVE | TPH as Gasoline | mg/kg | 2 | Max | 6.6E+04 | -- | 3E-05 | -- |
| 24608 PANAMA AVE | TPH as Motor Oil | mg/kg | 1700 | Max | 2.9E+05 | -- | 6E-03 | -- |
| 24608 PANAMA AVE | Xylenes, Total | ug/kg | 240 | Max | 4.9E+07 | -- | 5E-06 | -- |
| 24608 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 78.5 | 95UCL | 7.2E+06 | -- | 1E-05 | -- |
| 24608 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 65 | Max | 7.4E+06 | -- | 9E-06 | -- |
| 24608 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.983 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-06 | 7E-10 |
| 24608 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.59 | 95UCL | 2.0E+04 | -- | 8E-05 | -- |
| 24608 RAVENNA AVE | Benzene | ug/kg | 2.1 | Max | 5.8E+06 | 1.9E+04 | 4E-07 | 1E-10 |
| 24608 RAVENNA AVE | Bromomethane | ug/kg | 1.7 | Max | 7.7E+05 | -- | 2E-06 | -- |
| 24608 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24608 RAVENNA AVE | Ethylbenzene | ug/kg | 26.71 | 95UCL | 2.9E+08 | 4.2E+05 | 9E-08 | 6E-11 |
| 24608 RAVENNA AVE | Naphthalene | mg/kg | 0.683 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-05 | 2E-09 |
| 24608 RAVENNA AVE | Pyrene | mg/kg | 2.516 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24608 RAVENNA AVE | Toluene | ug/kg | 0.55 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24608 RAVENNA AVE | TPH as Diesel | mg/kg | 12000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24608 RAVENNA AVE | TPH as Gasoline | mg/kg | 1.3 | Max | 6.6E+04 | -- | 2E-05 | -- |
| 24608 RAVENNA AVE | TPH as Motor Oil | mg/kg | 21000 | Max | 2.9E+05 | -- | 7E-02 | -- |
| 24608 RAVENNA AVE | Xylenes, Total | ug/kg | 56.1 | 95UCL | 4.9E+07 | -- | 1E-06 | -- |
| 24609 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 50000 | Max | 7.2E+06 | -- | 7E-03 | -- |
| 24609 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 17000 | Max | 7.4E+06 | -- | 2E-03 | -- |
| 24609 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 51 | Max | 3.5E+05 | 1.4E+03 | 2E-04 | 4E-08 |
| 24609 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 78 | Max | 2.0E+04 | -- | 4E-03 | -- |
| 24609 NEPTUNE AVE | Benzene | ug/kg | 2800 | Max | 5.8E+06 | 1.9E+04 | 5E-04 | 2E-07 |
| 24609 NEPTUNE AVE | Bromomethane | ug/kg | 310 | Max | 7.7E+05 | -- | 4E-04 | -- |
| 24609 NEPTUNE AVE | Ethylbenzene | ug/kg | 15000 | Max | 2.9E+08 | 4.2E+05 | 5E-05 | 4E-08 |
| 24609 NEPTUNE AVE | Naphthalene | mg/kg | 24 | Max | 1.3E+04 | 3.5E+02 | 2E-03 | 7E-08 |
| 24609 NEPTUNE AVE | Pyrene | mg/kg | 12 | Max | 1.5E+05 | -- | 8E-05 | -- |
| 24609 NEPTUNE AVE | Toluene | ug/kg | 3600 | Max | 4.2E+08 | -- | 9E-06 | -- |
| 24609 NEPTUNE AVE | TPH as Diesel | mg/kg | 24000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 24609 NEPTUNE AVE | TPH as Gasoline | mg/kg | 2800 | Max | 6.6E+04 | -- | 4E-02 | -- |
| 24609 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 27000 | Max | 2.9E+05 | -- | 9E-02 | -- |
| 24609 NEPTUNE AVE | Xylenes, Total | ug/kg | 83000 | Max | 4.9E+07 | -- | 2E-03 | -- |
| 24609 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 3600 | 95UCL | 7.2E+06 | -- | 5E-04 | -- |
| 24609 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 10.18 | 95UCL | 7.4E+06 | -- | 1E-06 | -- |
| 24609 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 9.415 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-05 | 7E-09 |
| 24609 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 15.45 | 95UCL | 2.0E+04 | -- | 8E-04 | -- |
| 24609 PANAMA AVE | Benzene | ug/kg | 278.7 | 95UCL | 5.8E+06 | 1.9E+04 | 5E-05 | 1E-08 |
| 24609 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24609 PANAMA AVE | Ethylbenzene | ug/kg | 646 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-06 | 2E-09 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24609 PANAMA AVE | Naphthalene | mg/kg | 8.7 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24609 PANAMA AVE | Pyrene | mg/kg | 0.75 | 95UCL | 1.5E+05 | -- | 5E-06 | -- |
| 24609 PANAMA AVE | Toluene | ug/kg | 0.899 | 95UCL | 4.2E+08 | -- | 2E-09 | -- |
| 24609 PANAMA AVE | TPH as Diesel | mg/kg | 4345 | 95UCL | 1.1E+05 | -- | 4E-02 | -- |
| 24609 PANAMA AVE | TPH as Gasoline | mg/kg | 400 | 95UCL | 6.6E+04 | -- | 6E-03 | -- |
| 24609 PANAMA AVE | TPH as Motor Oil | mg/kg | 4159 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24609 PANAMA AVE | Xylenes, Total | ug/kg | 250 | 95UCL | 4.9E+07 | -- | 5E-06 | -- |
| 24609 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0065 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 5E-12 |
| 24609 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00386 | 95UCL | 2.0E+04 | -- | 2E-07 | -- |
| 24609 RAVENNA AVE | Benzene | ug/kg | 0.1 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 5E-12 |
| 24609 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24609 RAVENNA AVE | Naphthalene | mg/kg | 0.00464 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-07 | 1E-11 |
| 24609 RAVENNA AVE | Pyrene | mg/kg | 0.0336 | 95UCL | 1.5E+05 | -- | 2E-07 | -- |
| 24612 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | ug/kg | 0.12 | Max | 5.4E+07 | 4.1E+04 | 2E-09 | 3E-12 |
| 24612 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 8788 | 95UCL | 7.2E+06 | -- | 1E-03 | -- |
| 24612 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 2900 | Max | 7.4E+06 | -- | 4E-04 | -- |
| 24612 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 15.72 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24612 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 24.3 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24612 MARBELLA AVE | Benzene | ug/kg | 1559 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-04 | 8E-08 |
| 24612 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.89 | Max | 1.1E+05 | 3.0E+03 | 8E-06 | 3E-10 |
| 24612 MARBELLA AVE | Bromomethane | ug/kg | 510 | Max | 7.7E+05 | -- | 7E-04 | -- |
| 24612 MARBELLA AVE | Cobalt | mg/kg | 9.538 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24612 MARBELLA AVE | Ethylbenzene | ug/kg | 10400 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-05 | 3E-08 |
| 24612 MARBELLA AVE | Naphthalene | mg/kg | 12.5 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |
| 24612 MARBELLA AVE | Pyrene | mg/kg | 8.8 | Max | 1.5E+05 | -- | 6E-05 | -- |
| 24612 MARBELLA AVE | Toluene | ug/kg | 24 | Max | 4.2E+08 | -- | 6E-08 | -- |
| 24612 MARBELLA AVE | TPH as Diesel | mg/kg | 10000 | 95UCL | 1.1E+05 | -- | 9E-02 | -- |
| 24612 MARBELLA AVE | TPH as Gasoline | mg/kg | 3898 | 95UCL | 6.6E+04 | -- | 6E-02 | -- |
| 24612 MARBELLA AVE | TPH as Motor Oil | mg/kg | 9210 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24612 MARBELLA AVE | Xylenes, Total | ug/kg | 3800 | Max | 4.9E+07 | -- | 8E-05 | -- |
| 24612 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 6766 | 95UCL | 7.2E+06 | -- | 9E-04 | -- |
| 24612 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 935.8 | 95UCL | 7.4E+06 | -- | 1E-04 | -- |
| 24612 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 21.73 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-05 | 2E-08 |
| 24612 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 31.56 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24612 NEPTUNE AVE | Benzene | ug/kg | 447.7 | 95UCL | 5.8E+06 | 1.9E+04 | 8E-05 | 2E-08 |
| 24612 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 0.813 | 95UCL | -- | 1.4E+02 | -- | 6E-09 |
| 24612 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.411 | 95UCL | -- | 1.4E+01 | -- | 3E-08 |
| 24612 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.48 | Max | -- | 1.4E+02 | -- | 4E-09 |
| 24612 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.0018 | Max | -- | 1.4E+02 | -- | 1E-11 |
| 24612 NEPTUNE AVE | Chrysene | mg/kg | 2.204 | 95UCL | -- | 1.4E+03 | -- | 2E-09 |
| 24612 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.0014 | Max | -- | 9.7E+00 | -- | 1E-10 |
| 24612 NEPTUNE AVE | Ethylbenzene | ug/kg | 5056 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24612 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.02 | Max | -- | 1.4E+02 | -- | 2E-10 |
| 24612 NEPTUNE AVE | Naphthalene | mg/kg | 12.86 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |
| 24612 NEPTUNE AVE | Pyrene | mg/kg | 6.354 | 95UCL | 1.5E+05 | -- | 4E-05 | -- |
| 24612 NEPTUNE AVE | Toluene | ug/kg | 90.66 | 95UCL | 4.2E+08 | -- | 2E-07 | -- |
| 24612 NEPTUNE AVE | TPH as Diesel | mg/kg | 9578 | 95UCL | 1.1E+05 | -- | 9E-02 | -- |
| 24612 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1020 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24612 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 11258 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24612 NEPTUNE AVE | Xylenes, Total | ug/kg | 3021 | 95UCL | 4.9E+07 | -- | 6E-05 | -- |
| 24612 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 37.56 | 95UCL | 7.2E+06 | -- | 5E-06 | -- |
| 24612 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 5.633 | 95UCL | 7.4E+06 | -- | 8E-07 | -- |
| 24612 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.807 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-06 | 1E-09 |
| 24612 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.813 | 95UCL | 2.0E+04 | -- | 9E-05 | -- |
| 24612 PANAMA AVE | Benzene | ug/kg | 3.445 | 95UCL | 5.8E+06 | 1.9E+04 | 6E-07 | 2E-10 |
| 24612 PANAMA AVE | Ethylbenzene | ug/kg | 21.44 | 95UCL | 2.9E+08 | 4.2E+05 | 8E-08 | 5E-11 |
| 24612 PANAMA AVE | Naphthalene | mg/kg | 0.864 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-05 | 3E-09 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24612 PANAMA AVE | Pyrene | mg/kg | 10.26 | 95UCL | 1.5E+05 | -- | 7E-05 | -- |
| 24612 PANAMA AVE | Toluene | ug/kg | 1.911 | 95UCL | 4.2E+08 | -- | 5E-09 | -- |
| 24612 PANAMA AVE | TPH as Diesel | mg/kg | 2416 | 95UCL | 1.1E+05 | -- | 2E-02 | -- |
| 24612 PANAMA AVE | TPH as Gasoline | mg/kg | 0.817 | 95UCL | 6.6E+04 | -- | 1E-05 | -- |
| 24612 PANAMA AVE | TPH as Motor Oil | mg/kg | 3867 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24612 PANAMA AVE | Xylenes, Total | ug/kg | 19.38 | 95UCL | 4.9E+07 | -- | 4E-07 | -- |
| 24612 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 23.68 | 95UCL | 7.2E+06 | -- | 3E-06 | -- |
| 24612 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 9.017 | 95UCL | 7.4E+06 | -- | 1E-06 | -- |
| 24612 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.145 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-07 | 1E-10 |
| 24612 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.206 | 95UCL | 2.0E+04 | -- | 1E-05 | -- |
| 24612 RAVENNA AVE | Benzene | ug/kg | 2.678 | 95UCL | 5.8E+06 | 1.9E+04 | 5E-07 | 1E-10 |
| 24612 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.27 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24612 RAVENNA AVE | Ethylbenzene | ug/kg | 31.22 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-07 | 8E-11 |
| 24612 RAVENNA AVE | Naphthalene | mg/kg | 0.0413 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-06 | 1E-10 |
| 24612 RAVENNA AVE | Pyrene | mg/kg | 0.0672 | 95UCL | 1.5E+05 | -- | 5E-07 | -- |
| 24612 RAVENNA AVE | Toluene | ug/kg | 1 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24612 RAVENNA AVE | TPH as Diesel | mg/kg | 510.4 | 95UCL | 1.1E+05 | -- | 5E-03 | -- |
| 24612 RAVENNA AVE | TPH as Gasoline | mg/kg | 2.479 | 95UCL | 6.6E+04 | -- | 4E-05 | -- |
| 24612 RAVENNA AVE | TPH as Motor Oil | mg/kg | 986.2 | 95UCL | 2.9E+05 | -- | 3E-03 | -- |
| 24612 RAVENNA AVE | Xylenes, Total | ug/kg | 10.17 | 95UCL | 4.9E+07 | -- | 2E-07 | -- |
| 24613 MARBELLA AVE | Benzene | ug/kg | 0.62 | Max | 5.8E+06 | 1.9E+04 | 1E-07 | 3E-11 |
| 24613 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24613 MARBELLA AVE | Cobalt | mg/kg | 9.217 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 3E-12 |
| 24613 MARBELLA AVE | Pyrene | mg/kg | 0.002 | Max | 1.5E+05 | -- | 1E-08 | -- |
| 24613 MARBELLA AVE | Toluene | ug/kg | 0.242 | 95UCL | 4.2E+08 | -- | 6E-10 | -- |
| 24613 MARBELLA AVE | TPH as Motor Oil | mg/kg | 22 | Max | 2.9E+05 | -- | 8E-05 | -- |
| 24613 MARBELLA AVE | Vanadium | mg/kg | 46.11 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 24613 MARBELLA AVE | Xylenes, Total | ug/kg | 0.22 | Max | 4.9E+07 | -- | 5E-09 | -- |
| 24613 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 18000 | Max | 7.2E+06 | -- | 3E-03 | -- |
| 24613 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 4700 | Max | 7.4E+06 | -- | 6E-04 | -- |
| 24613 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 67 | Max | 3.5E+05 | 1.4E+03 | 2E-04 | 5E-08 |
| 24613 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 100 | Max | 2.0E+04 | -- | 5E-03 | -- |
| 24613 NEPTUNE AVE | Benzene | ug/kg | 4000 | Max | 5.8E+06 | 1.9E+04 | 7E-04 | 2E-07 |
| 24613 NEPTUNE AVE | Bromomethane | ug/kg | 190 | Max | 7.7E+05 | -- | 3E-04 | -- |
| 24613 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 2.8 | Max | 2.1E+04 | 1.1E+02 | 1E-04 | 3E-08 |
| 24613 NEPTUNE AVE | Ethylbenzene | ug/kg | 7000 | Max | 2.9E+08 | 4.2E+05 | 3E-05 | 2E-08 |
| 24613 NEPTUNE AVE | Naphthalene | mg/kg | 30 | Max | 1.3E+04 | 3.5E+02 | 2E-03 | 9E-08 |
| 24613 NEPTUNE AVE | Pyrene | mg/kg | 41 | Max | 1.5E+05 | -- | 3E-04 | -- |
| 24613 NEPTUNE AVE | Toluene | ug/kg | 230 | Max | 4.2E+08 | -- | 6E-07 | -- |
| 24613 NEPTUNE AVE | TPH as Diesel | mg/kg | 19000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 24613 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1300 | Max | 6.6E+04 | -- | 2E-02 | -- |
| 24613 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 19000 | Max | 2.9E+05 | -- | 7E-02 | -- |
| 24613 NEPTUNE AVE | Xylenes, Total | ug/kg | 13000 | Max | 4.9E+07 | -- | 3E-04 | -- |
| 24613 PANAMA AVE | 1,2,3-Trichloropropane | ug/kg | 7.2 | Max | 2.1E+05 | 1.9E+03 | 4E-05 | 4E-09 |
| 24613 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1324 | 95UCL | 7.2E+06 | -- | 2E-04 | -- |
| 24613 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 289.2 | 95UCL | 7.4E+06 | -- | 4E-05 | -- |
| 24613 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 5.24 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 4E-09 |
| 24613 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 8.227 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 24613 PANAMA AVE | Benzene | ug/kg | 171.2 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-05 | 9E-09 |
| 24613 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.36 | Max | 1.1E+05 | 3.0E+03 | 3E-06 | 1E-10 |
| 24613 PANAMA AVE | Bromomethane | ug/kg | 1.9 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 24613 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24613 PANAMA AVE | Ethylbenzene | ug/kg | 337.5 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-06 | 8E-10 |
| 24613 PANAMA AVE | Naphthalene | mg/kg | 2.519 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 7E-09 |
| 24613 PANAMA AVE | Pyrene | mg/kg | 1.148 | 95UCL | 1.5E+05 | -- | 8E-06 | -- |
| 24613 PANAMA AVE | Toluene | ug/kg | 12.48 | 95UCL | 4.2E+08 | -- | 3E-08 | -- |
| 24613 PANAMA AVE | TPH as Diesel | mg/kg | 3240 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24613 PANAMA AVE | TPH as Gasoline | mg/kg | 149.1 | 95UCL | 6.6E+04 | -- | 2E-03 | -- |
| 24613 PANAMA AVE | TPH as Motor Oil | mg/kg | 4602 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24613 PANAMA AVE | Xylenes, Total | ug/kg | 693.1 | 95UCL | 4.9E+07 | -- | 1E-05 | -- |
| 24613 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 2900 | Max | 7.2E+06 | -- | 4E-04 | -- |
| 24613 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 920 | Max | 7.4E+06 | -- | 1E-04 | -- |
| 24613 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.24 | Max | 3.5E+05 | 1.4E+03 | 7E-07 | 2E-10 |
| 24613 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.16 | Max | 2.0E+04 | -- | 8E-06 | -- |
| 24613 RAVENNA AVE | Benzene | ug/kg | 55 | Max | 5.8E+06 | 1.9E+04 | 9E-06 | 3E-09 |
| 24613 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.27 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24613 RAVENNA AVE | Ethylbenzene | ug/kg | 230 | Max | 2.9E+08 | 4.2E+05 | 8E-07 | 6E-10 |
| 24613 RAVENNA AVE | Naphthalene | mg/kg | 1.1 | Max | 1.3E+04 | 3.5E+02 | 8E-05 | 3E-09 |
| 24613 RAVENNA AVE | Pyrene | mg/kg | 0.00355 | 95UCL | 1.5E+05 | -- | 2E-08 | -- |
| 24613 RAVENNA AVE | Toluene | ug/kg | 86 | Max | 4.2E+08 | -- | 2E-07 | -- |
| 24613 RAVENNA AVE | TPH as Diesel | mg/kg | 170 | Max | 1.1E+05 | -- | 2E-03 | -- |
| 24613 RAVENNA AVE | TPH as Gasoline | mg/kg | 170 | Max | 6.6E+04 | -- | 3E-03 | -- |
| 24613 RAVENNA AVE | TPH as Motor Oil | mg/kg | 210 | Max | 2.9E+05 | -- | 7E-04 | -- |
| 24613 RAVENNA AVE | Xylenes, Total | ug/kg | 1000 | Max | 4.9E+07 | -- | 2E-05 | -- |
| 24616 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 48305 | 95UCL | 7.2E+06 | -- | 7E-03 | -- |
| 24616 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 7714 | 95UCL | 7.4E+06 | -- | 1E-03 | -- |
| 24616 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 71.17 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-04 | 5E-08 |
| 24616 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 109.9 | 95UCL | 2.0E+04 | -- | 6E-03 | -- |
| 24616 MARBELLA AVE | Benzene | ug/kg | 10004 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-03 | 5E-07 |
| 24616 MARBELLA AVE | Benzo (a) Anthracene | mg/kg | 1.735 | 95UCL | -- | 1.4E+02 | -- | 1E-08 |
| 24616 MARBELLA AVE | Benzo (a) Pyrene | mg/kg | 0.945 | 95UCL | -- | 1.4E+01 | -- | 7E-08 |
| 24616 MARBELLA AVE | Chrysene | mg/kg | 4.023 | 95UCL | -- | 1.4E+03 | -- | 3E-09 |
| 24616 MARBELLA AVE | Cobalt | mg/kg | 9.284 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 3E-12 |
| 24616 MARBELLA AVE | Ethylbenzene | ug/kg | 9952 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-05 | 2E-08 |
| 24616 MARBELLA AVE | Naphthalene | mg/kg | 43.53 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-03 | 1E-07 |
| 24616 MARBELLA AVE | Pyrene | mg/kg | 13.65 | 95UCL | 1.5E+05 | -- | 9E-05 | -- |
| 24616 MARBELLA AVE | Toluene | ug/kg | 389.2 | 95UCL | 4.2E+08 | -- | 9E-07 | -- |
| 24616 MARBELLA AVE | TPH as Diesel | mg/kg | 30122 | 95UCL | 1.1E+05 | -- | 3E-01 | -- |
| 24616 MARBELLA AVE | TPH as Gasoline | mg/kg | 2629 | 95UCL | 6.6E+04 | -- | 4E-02 | -- |
| 24616 MARBELLA AVE | TPH as Motor Oil | mg/kg | 30066 | 95UCL | 2.9E+05 | -- | 1E-01 | -- |
| 24616 MARBELLA AVE | Xylenes, Total | ug/kg | 30366 | 95UCL | 4.9E+07 | -- | 6E-04 | -- |
| 24617 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0019 | Max | 3.5E+05 | 1.4E+03 | 5E-09 | 1E-12 |
| 24617 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0032 | Max | 2.0E+04 | -- | 2E-07 | -- |
| 24617 MARBELLA AVE | Benzene | ug/kg | 0.22 | Max | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 24617 MARBELLA AVE | Cobalt | mg/kg | 10.06 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24617 MARBELLA AVE | Pyrene | mg/kg | 0.0014 | Max | 1.5E+05 | -- | 9E-09 | -- |
| 24617 MARBELLA AVE | Thallium | mg/kg | 1.2 | Max | 6.8E+01 | -- | 2E-02 | -- |
| 24617 MARBELLA AVE | TPH as Diesel | mg/kg | 6.8 | Max | 1.1E+05 | -- | 6E-05 | -- |
| 24617 MARBELLA AVE | TPH as Motor Oil | mg/kg | 26 | Max | 2.9E+05 | -- | 9E-05 | -- |
| 24617 MARBELLA AVE | Vanadium | mg/kg | 48.76 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 24618 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 6800 | Max | 7.2E+06 | -- | 9E-04 | -- |
| 24618 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 290 | Max | 7.4E+06 | -- | 4E-05 | -- |
| 24618 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 55 | Max | 3.5E+05 | 1.4E+03 | 2E-04 | 4E-08 |
| 24618 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 81 | Max | 2.0E+04 | -- | 4E-03 | -- |
| 24618 NEPTUNE AVE | Benzene | ug/kg | 720 | Max | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24618 NEPTUNE AVE | Ethylbenzene | ug/kg | 3000 | Max | 2.9E+08 | 4.2E+05 | 1E-05 | 7E-09 |
| 24618 NEPTUNE AVE | Naphthalene | mg/kg | 28 | Max | 1.3E+04 | 3.5E+02 | 2E-03 | 8E-08 |
| 24618 NEPTUNE AVE | Pyrene | mg/kg | 4.4 | Max | 1.5E+05 | -- | 3E-05 | -- |
| 24618 NEPTUNE AVE | Toluene | ug/kg | 5.9 | Max | 4.2E+08 | -- | 1E-08 | -- |
| 24618 NEPTUNE AVE | TPH as Diesel | mg/kg | 13000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24618 NEPTUNE AVE | TPH as Gasoline | mg/kg | 460 | Max | 6.6E+04 | -- | 7E-03 | -- |
| 24618 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 11000 | Max | 2.9E+05 | -- | 4E-02 | -- |
| 24618 NEPTUNE AVE | Xylenes, Total | ug/kg | 4100 | Max | 4.9E+07 | -- | 8E-05 | -- |
| 24618 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 560 | 95UCL | 7.2E+06 | -- | 8E-05 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24618 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 71.89 | 95UCL | 7.4E+06 | -- | 1E-05 | -- |
| 24618 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 7.082 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 5E-09 |
| 24618 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 9.227 | 95UCL | 2.0E+04 | -- | 5E-04 | -- |
| 24618 PANAMA AVE | Benzene | ug/kg | 0.634 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-07 | 3E-11 |
| 24618 PANAMA AVE | Bromomethane | ug/kg | 170 | Max | 7.7E+05 | -- | 2E-04 | -- |
| 24618 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24618 PANAMA AVE | Ethylbenzene | ug/kg | 38.12 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-07 | 9E-11 |
| 24618 PANAMA AVE | Naphthalene | mg/kg | 2.316 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 7E-09 |
| 24618 PANAMA AVE | Pyrene | mg/kg | 2.68 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24618 PANAMA AVE | Toluene | ug/kg | 19.53 | 95UCL | 4.2E+08 | -- | 5E-08 | -- |
| 24618 PANAMA AVE | TPH as Diesel | mg/kg | 4507 | 95UCL | 1.1E+05 | -- | 4E-02 | -- |
| 24618 PANAMA AVE | TPH as Gasoline | mg/kg | 97.8 | 95UCL | 6.6E+04 | -- | 2E-03 | -- |
| 24618 PANAMA AVE | TPH as Motor Oil | mg/kg | 6411 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24618 PANAMA AVE | Xylenes, Total | ug/kg | 69.39 | 95UCL | 4.9E+07 | -- | 1E-06 | -- |
| 24618 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1.3 | Max | 7.2E+06 | -- | 2E-07 | -- |
| 24618 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.34 | Max | 7.4E+06 | -- | 5E-08 | -- |
| 24618 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.011 | Max | 3.5E+05 | 1.4E+03 | 3E-08 | 8E-12 |
| 24618 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.011 | Max | 2.0E+04 | -- | 6E-07 | -- |
| 24618 RAVENNA AVE | Benzene | ug/kg | 0.12 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 6E-12 |
| 24618 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24618 RAVENNA AVE | Naphthalene | mg/kg | 0.0039 | Max | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 24618 RAVENNA AVE | Pyrene | mg/kg | 0.00238 | 95UCL | 1.5E+05 | -- | 2E-08 | -- |
| 24618 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.28 | Max | 6.6E+04 | -- | 4E-06 | -- |
| 24618 RAVENNA AVE | TPH as Motor Oil | mg/kg | 17 | Max | 2.9E+05 | -- | 6E-05 | -- |
| 24619 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 8000 | Max | 7.2E+06 | -- | 1E-03 | -- |
| 24619 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 1500 | Max | 7.4E+06 | -- | 2E-04 | -- |
| 24619 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 59 | Max | 3.5E+05 | 1.4E+03 | 2E-04 | 4E-08 |
| 24619 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 87 | Max | 2.0E+04 | -- | 4E-03 | -- |
| 24619 NEPTUNE AVE | Benzene | ug/kg | 2400 | Max | 5.8E+06 | 1.9E+04 | 4E-04 | 1E-07 |
| 24619 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.3 | Max | 1.1E+05 | 3.0E+03 | 1E-05 | 4E-10 |
| 24619 NEPTUNE AVE | Ethylbenzene | ug/kg | 3800 | Max | 2.9E+08 | 4.2E+05 | 1E-05 | 9E-09 |
| 24619 NEPTUNE AVE | Naphthalene | mg/kg | 31 | Max | 1.3E+04 | 3.5E+02 | 2E-03 | 9E-08 |
| 24619 NEPTUNE AVE | Pyrene | mg/kg | 9.1 | Max | 1.5E+05 | -- | 6E-05 | -- |
| 24619 NEPTUNE AVE | Toluene | ug/kg | 89 | Max | 4.2E+08 | -- | 2E-07 | -- |
| 24619 NEPTUNE AVE | TPH as Diesel | mg/kg | 23000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 24619 NEPTUNE AVE | TPH as Gasoline | mg/kg | 840 | Max | 6.6E+04 | -- | 1E-02 | -- |
| 24619 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 20000 | Max | 2.9E+05 | -- | 7E-02 | -- |
| 24619 NEPTUNE AVE | Xylenes, Total | ug/kg | 3700 | Max | 4.9E+07 | -- | 8E-05 | -- |
| 24619 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 13000 | 95UCL | 7.2E+06 | -- | 2E-03 | -- |
| 24619 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 710 | 95UCL | 7.4E+06 | -- | 1E-04 | -- |
| 24619 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 23 | 95UCL | 3.5E+05 | 1.4E+03 | 7E-05 | 2E-08 |
| 24619 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 39 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24619 PANAMA AVE | Benzene | ug/kg | 1800 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-04 | 9E-08 |
| 24619 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.23 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24619 PANAMA AVE | Ethylbenzene | ug/kg | 4300 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24619 PANAMA AVE | Naphthalene | mg/kg | 16 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 5E-08 |
| 24619 PANAMA AVE | Pyrene | mg/kg | 2.2 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24619 PANAMA AVE | Toluene | ug/kg | 0.517 | 95UCL | 4.2E+08 | -- | 1E-09 | -- |
| 24619 PANAMA AVE | TPH as Diesel | mg/kg | 7800 | 95UCL | 1.1E+05 | -- | 7E-02 | -- |
| 24619 PANAMA AVE | TPH as Gasoline | mg/kg | 1400 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24619 PANAMA AVE | TPH as Motor Oil | mg/kg | 10000 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24619 PANAMA AVE | Xylenes, Total | ug/kg | 6300 | 95UCL | 4.9E+07 | -- | 1E-04 | -- |
| 24619 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 2557 | 95UCL | 7.2E+06 | -- | 4E-04 | -- |
| 24619 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 2400 | Max | 7.4E+06 | -- | 3E-04 | -- |
| 24619 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 30.32 | 95UCL | 3.5E+05 | 1.4E+03 | 9E-05 | 2E-08 |
| 24619 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 43.27 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24619 RAVENNA AVE | Benzene | ug/kg | 1700 | Max | 5.8E+06 | 1.9E+04 | 3E-04 | 9E-08 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24619 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.35 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24619 RAVENNA AVE | Ethylbenzene | ug/kg | 5300 | Max | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24619 RAVENNA AVE | Naphthalene | mg/kg | 11.46 | 95UCL | 1.3E+04 | 3.5E+02 | 9E-04 | 3E-08 |
| 24619 RAVENNA AVE | Pyrene | mg/kg | 5.53 | 95UCL | 1.5E+05 | -- | 4E-05 | -- |
| 24619 RAVENNA AVE | Toluene | ug/kg | 1500 | Max | 4.2E+08 | -- | 4E-06 | -- |
| 24619 RAVENNA AVE | TPH as Diesel | mg/kg | 7796 | 95UCL | 1.1E+05 | -- | 7E-02 | -- |
| 24619 RAVENNA AVE | TPH as Gasoline | mg/kg | 611 | 95UCL | 6.6E+04 | -- | 9E-03 | -- |
| 24619 RAVENNA AVE | TPH as Motor Oil | mg/kg | 8094 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24619 RAVENNA AVE | Xylenes, Total | ug/kg | 8200 | Max | 4.9E+07 | -- | 2E-04 | -- |
| 24622 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 4091 | 95UCL | 7.2E+06 | -- | 6E-04 | -- |
| 24622 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1190 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 24622 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 35.57 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-04 | 3E-08 |
| 24622 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 63.1 | 95UCL | 2.0E+04 | -- | 3E-03 | -- |
| 24622 MARBELLA AVE | Benzene | ug/kg | 895.6 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-04 | 5E-08 |
| 24622 MARBELLA AVE | Benzo (a) Anthracene | mg/kg | 2.1 | 95UCL | -- | 1.4E+02 | -- | 2E-08 |
| 24622 MARBELLA AVE | Benzo (a) Pyrene | mg/kg | 0.3 | 95UCL | -- | 1.4E+01 | -- | 2E-08 |
| 24622 MARBELLA AVE | Benzo (b) Fluoranthene | mg/kg | 0.101 | 95UCL | -- | 1.4E+02 | -- | 7E-10 |
| 24622 MARBELLA AVE | Benzo (k) Fluoranthene | mg/kg | 0.0021 | Max | -- | 1.4E+02 | -- | 2E-11 |
| 24622 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.18 | Max | 1.1E+05 | 3.0E+03 | 2E-06 | 6E-11 |
| 24622 MARBELLA AVE | Bromomethane | ug/kg | 310 | Max | 7.7E+05 | -- | 4E-04 | -- |
| 24622 MARBELLA AVE | Chrysene | mg/kg | 1.636 | 95UCL | -- | 1.4E+03 | -- | 1E-09 |
| 24622 MARBELLA AVE | Cobalt | mg/kg | 8.361 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24622 MARBELLA AVE | Dibenz (a,h) Anthracene | mg/kg | 0.0007 | Max | -- | 9.7E+00 | -- | 7E-11 |
| 24622 MARBELLA AVE | Ethylbenzene | ug/kg | 3489 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 8E-09 |
| 24622 MARBELLA AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0021 | Max | -- | 1.4E+02 | -- | 2E-11 |
| 24622 MARBELLA AVE | Naphthalene | mg/kg | 24.77 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-03 | 7E-08 |
| 24622 MARBELLA AVE | Pyrene | mg/kg | 7.4 | 95UCL | 1.5E+05 | -- | 5E-05 | -- |
| 24622 MARBELLA AVE | Toluene | ug/kg | 150.3 | 95UCL | 4.2E+08 | -- | 4E-07 | -- |
| 24622 MARBELLA AVE | TPH as Diesel | mg/kg | 10965 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24622 MARBELLA AVE | TPH as Gasoline | mg/kg | 1170 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24622 MARBELLA AVE | TPH as Motor Oil | mg/kg | 10148 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24622 MARBELLA AVE | Vanadium | mg/kg | 31.6 | 95UCL | 3.4E+04 | -- | 9E-04 | -- |
| 24622 MARBELLA AVE | Xylenes, Total | ug/kg | 2200 | 95UCL | 4.9E+07 | -- | 5E-05 | -- |
| 24622 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 3095 | 95UCL | 7.2E+06 | -- | 4E-04 | -- |
| 24622 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 197.1 | 95UCL | 7.4E+06 | -- | 3E-05 | -- |
| 24622 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 20.01 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-05 | 2E-08 |
| 24622 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 1.9 | Max | 1.1E+04 | 1.4E+02 | 2E-04 | 1E-08 |
| 24622 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 30.52 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24622 NEPTUNE AVE | Benzene | ug/kg | 717.2 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24622 NEPTUNE AVE | Ethylbenzene | ug/kg | 2181 | 95UCL | 2.9E+08 | 4.2E+05 | 8E-06 | 5E-09 |
| 24622 NEPTUNE AVE | Naphthalene | mg/kg | 11.33 | 95UCL | 1.3E+04 | 3.5E+02 | 9E-04 | 3E-08 |
| 24622 NEPTUNE AVE | Pyrene | mg/kg | 2.353 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24622 NEPTUNE AVE | Toluene | ug/kg | 39 | Max | 4.2E+08 | -- | 9E-08 | -- |
| 24622 NEPTUNE AVE | TPH as Diesel | mg/kg | 10562 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24622 NEPTUNE AVE | TPH as Gasoline | mg/kg | 514.8 | 95UCL | 6.6E+04 | -- | 8E-03 | -- |
| 24622 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 12340 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24622 NEPTUNE AVE | Trichloroethene | ug/kg | 20 | Max | 5.0E+05 | 1.0E+05 | 4E-05 | 2E-10 |
| 24622 NEPTUNE AVE | Xylenes, Total | ug/kg | 836.2 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24623 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 860 | Max | 7.2E+06 | -- | 1E-04 | -- |
| 24623 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 43 | Max | 7.4E+06 | -- | 6E-06 | -- |
| 24623 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 8.5 | Max | 3.5E+05 | 1.4E+03 | 2E-05 | 6E-09 |
| 24623 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 7.644 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 24623 MARBELLA AVE | Benzene | ug/kg | 0.18 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 9E-12 |
| 24623 MARBELLA AVE | Cobalt | mg/kg | 11.36 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 4E-12 |
| 24623 MARBELLA AVE | Ethylbenzene | ug/kg | 380 | Max | 2.9E+08 | 4.2E+05 | 1E-06 | 9E-10 |
| 24623 MARBELLA AVE | Naphthalene | mg/kg | 12.3 | 95UCL | 1.3E+04 | 3.5E+02 | 9E-04 | 4E-08 |
| 24623 MARBELLA AVE | Pyrene | mg/kg | 0.21 | Max | 1.5E+05 | -- | 1E-06 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24623 MARBELLA AVE | Toluene | ug/kg | 0.13 | Max | 4.2E+08 | -- | 3E-10 | -- |
| 24623 MARBELLA AVE | TPH as Diesel | mg/kg | 5500 | Max | 1.1E+05 | -- | 5E-02 | -- |
| 24623 MARBELLA AVE | TPH as Gasoline | mg/kg | 1400 | Max | 6.6E+04 | -- | 2E-02 | -- |
| 24623 MARBELLA AVE | TPH as Motor Oil | mg/kg | 5500 | Max | 2.9E+05 | -- | 2E-02 | -- |
| 24623 MARBELLA AVE | Vanadium | mg/kg | 48.18 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 24623 MARBELLA AVE | Xylenes, Total | ug/kg | 220 | Max | 4.9E+07 | -- | 5E-06 | -- |
| 24623 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 4600 | 95UCL | 7.2E+06 | -- | 6E-04 | -- |
| 24623 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 777.1 | 95UCL | 7.4E+06 | -- | 1E-04 | -- |
| 24623 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 79.38 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-04 | 6E-08 |
| 24623 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 121 | 95UCL | 2.0E+04 | -- | 6E-03 | -- |
| 24623 NEPTUNE AVE | Benzene | ug/kg | 673.6 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24623 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 4.981 | 95UCL | -- | 1.4E+02 | -- | 4E-08 |
| 24623 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 1.837 | 95UCL | -- | 1.4E+01 | -- | 1E-07 |
| 24623 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.5 | Max | -- | 1.4E+02 | -- | 4E-09 |
| 24623 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.0053 | Max | -- | 1.4E+02 | -- | 4E-11 |
| 24623 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24623 NEPTUNE AVE | Chrysene | mg/kg | 5.337 | 95UCL | -- | 1.4E+03 | -- | 4E-09 |
| 24623 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.0014 | Max | -- | 9.7E+00 | -- | 1E-10 |
| 24623 NEPTUNE AVE | Ethylbenzene | ug/kg | 2272 | 95UCL | 2.9E+08 | 4.2E+05 | 8E-06 | 5E-09 |
| 24623 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0028 | Max | -- | 1.4E+02 | -- | 2E-11 |
| 24623 NEPTUNE AVE | Naphthalene | mg/kg | 35.36 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-03 | 1E-07 |
| 24623 NEPTUNE AVE | Pyrene | mg/kg | 24.46 | 95UCL | 1.5E+05 | -- | 2E-04 | -- |
| 24623 NEPTUNE AVE | Toluene | ug/kg | 45.22 | 95UCL | 4.2E+08 | -- | 1E-07 | -- |
| 24623 NEPTUNE AVE | TPH as Diesel | mg/kg | 16425 | 95UCL | 1.1E+05 | -- | 2E-01 | -- |
| 24623 NEPTUNE AVE | TPH as Gasoline | mg/kg | 828.8 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24623 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 17179 | 95UCL | 2.9E+05 | -- | 6E-02 | -- |
| 24623 NEPTUNE AVE | Xylenes, Total | ug/kg | 3600 | 95UCL | 4.9E+07 | -- | 7E-05 | -- |
| 24627 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 16000 | Max | 7.2E+06 | -- | 2E-03 | -- |
| 24627 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 4200 | Max | 7.4E+06 | -- | 6E-04 | -- |
| 24627 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 16.64 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24627 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 26.88 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24627 MARBELLA AVE | Benzene | ug/kg | 772.4 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24627 MARBELLA AVE | Cobalt | mg/kg | 11.58 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 4E-12 |
| 24627 MARBELLA AVE | Ethylbenzene | ug/kg | 11000 | Max | 2.9E+08 | 4.2E+05 | 4E-05 | 3E-08 |
| 24627 MARBELLA AVE | Naphthalene | mg/kg | 11.32 | 95UCL | 1.3E+04 | 3.5E+02 | 9E-04 | 3E-08 |
| 24627 MARBELLA AVE | Pyrene | mg/kg | 2 | Max | 1.5E+05 | -- | 1E-05 | -- |
| 24627 MARBELLA AVE | Toluene | ug/kg | 47 | Max | 4.2E+08 | -- | 1E-07 | -- |
| 24627 MARBELLA AVE | TPH as Diesel | mg/kg | 23000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 24627 MARBELLA AVE | TPH as Gasoline | mg/kg | 2700 | Max | 6.6E+04 | -- | 4E-02 | -- |
| 24627 MARBELLA AVE | TPH as Motor Oil | mg/kg | 28000 | Max | 2.9E+05 | -- | 1E-01 | -- |
| 24627 MARBELLA AVE | Vanadium | mg/kg | 49.12 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 24627 MARBELLA AVE | Xylenes, Total | ug/kg | 10000 | Max | 4.9E+07 | -- | 2E-04 | -- |
| 24628 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 3371 | 95UCL | 7.2E+06 | -- | 5E-04 | -- |
| 24628 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 731.6 | 95UCL | 7.4E+06 | -- | 1E-04 | -- |
| 24628 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 15.1 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24628 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 46.15 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24628 MARBELLA AVE | Benzene | ug/kg | 701.1 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24628 MARBELLA AVE | Cobalt | mg/kg | 10.82 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24628 MARBELLA AVE | Ethylbenzene | ug/kg | 2833 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 7E-09 |
| 24628 MARBELLA AVE | Naphthalene | mg/kg | 23.6 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-03 | 7E-08 |
| 24628 MARBELLA AVE | Pyrene | mg/kg | 2.501 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24628 MARBELLA AVE | Toluene | ug/kg | 94.6 | 95UCL | 4.2E+08 | -- | 2E-07 | -- |
| 24628 MARBELLA AVE | TPH as Diesel | mg/kg | 22170 | 95UCL | 1.1E+05 | -- | 2E-01 | -- |
| 24628 MARBELLA AVE | TPH as Gasoline | mg/kg | 1015 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24628 MARBELLA AVE | TPH as Motor Oil | mg/kg | 27061 | 95UCL | 2.9E+05 | -- | 9E-02 | -- |
| 24628 MARBELLA AVE | Vanadium | mg/kg | 40.18 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 24628 MARBELLA AVE | Xylenes, Total | ug/kg | 11000 | Max | 4.9E+07 | -- | 2E-04 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24628 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 140 | Max | 7.2E+06 | -- | 2E-05 | -- |
| 24628 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 23 | Max | 7.4E+06 | -- | 3E-06 | -- |
| 24628 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 13 | Max | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24628 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 18 | Max | 2.0E+04 | -- | 9E-04 | -- |
| 24628 NEPTUNE AVE | Benzene | ug/kg | 490 | Max | 5.8E+06 | 1.9E+04 | 8E-05 | 3E-08 |
| 24628 NEPTUNE AVE | Ethylbenzene | ug/kg | 2400 | Max | 2.9E+08 | 4.2E+05 | 8E-06 | 6E-09 |
| 24628 NEPTUNE AVE | Naphthalene | mg/kg | 6.6 | Max | 1.3E+04 | 3.5E+02 | 5E-04 | 2E-08 |
| 24628 NEPTUNE AVE | Pyrene | mg/kg | 3.1 | Max | 1.5E+05 | -- | 2E-05 | -- |
| 24628 NEPTUNE AVE | Toluene | ug/kg | 0.97 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24628 NEPTUNE AVE | TPH as Diesel | mg/kg | 13000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24628 NEPTUNE AVE | TPH as Gasoline | mg/kg | 680 | Max | 6.6E+04 | -- | 1E-02 | -- |
| 24628 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 13000 | Max | 2.9E+05 | -- | 5E-02 | -- |
| 24628 NEPTUNE AVE | Xylenes, Total | ug/kg | 290 | Max | 4.9E+07 | -- | 6E-06 | -- |
| 24629 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 6168 | 95UCL | 7.2E+06 | -- | 9E-04 | -- |
| 24629 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 2300 | Max | 7.4E+06 | -- | 3E-04 | -- |
| 24629 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 27.63 | 95UCL | 3.5E+05 | 1.4E+03 | 8E-05 | 2E-08 |
| 24629 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 3.1 | Max | 1.1E+04 | 1.4E+02 | 3E-04 | 2E-08 |
| 24629 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 42.5 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24629 NEPTUNE AVE | Benzene | ug/kg | 1232 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-04 | 6E-08 |
| 24629 NEPTUNE AVE | Ethylbenzene | ug/kg | 3995 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 1E-08 |
| 24629 NEPTUNE AVE | Naphthalene | mg/kg | 12.8 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |
| 24629 NEPTUNE AVE | Pyrene | mg/kg | 5.511 | 95UCL | 1.5E+05 | -- | 4E-05 | -- |
| 24629 NEPTUNE AVE | Toluene | ug/kg | 31 | 95UCL | 4.2E+08 | -- | 7E-08 | -- |
| 24629 NEPTUNE AVE | TPH as Diesel | mg/kg | 10920 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24629 NEPTUNE AVE | TPH as Gasoline | mg/kg | 975.4 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24629 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 12064 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24629 NEPTUNE AVE | Xylenes, Total | ug/kg | 6307 | 95UCL | 4.9E+07 | -- | 1E-04 | -- |
| 24632 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 6600 | Max | 7.2E+06 | -- | 9E-04 | -- |
| 24632 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 540 | Max | 7.4E+06 | -- | 7E-05 | -- |
| 24632 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 67 | Max | 3.5E+05 | 1.4E+03 | 2E-04 | 5E-08 |
| 24632 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 98 | Max | 2.0E+04 | -- | 5E-03 | -- |
| 24632 NEPTUNE AVE | Benzene | ug/kg | 420 | Max | 5.8E+06 | 1.9E+04 | 7E-05 | 2E-08 |
| 24632 NEPTUNE AVE | Ethylbenzene | ug/kg | 2700 | Max | 2.9E+08 | 4.2E+05 | 1E-05 | 7E-09 |
| 24632 NEPTUNE AVE | Naphthalene | mg/kg | 37 | Max | 1.3E+04 | 3.5E+02 | 3E-03 | 1E-07 |
| 24632 NEPTUNE AVE | Pyrene | mg/kg | 11 | Max | 1.5E+05 | -- | 7E-05 | -- |
| 24632 NEPTUNE AVE | Toluene | ug/kg | 44 | Max | 4.2E+08 | -- | 1E-07 | -- |
| 24632 NEPTUNE AVE | TPH as Diesel | mg/kg | 14000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24632 NEPTUNE AVE | TPH as Gasoline | mg/kg | 520 | Max | 6.6E+04 | -- | 8E-03 | -- |
| 24632 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 14000 | Max | 2.9E+05 | -- | 5E-02 | -- |
| 24632 NEPTUNE AVE | Xylenes, Total | ug/kg | 2400 | Max | 4.9E+07 | -- | 5E-05 | -- |
| 24633 MARBELLA AVE | Benzene | ug/kg | 0.44 | 95UCL | 5.8E+06 | 1.9E+04 | 8E-08 | 2E-11 |
| 24633 MARBELLA AVE | Cobalt | mg/kg | 12.94 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 24633 MARBELLA AVE | Naphthalene | mg/kg | 0.0102 | 95UCL | 1.3E+04 | 3.5E+02 | 8E-07 | 3E-11 |
| 24633 MARBELLA AVE | Pyrene | mg/kg | 0.00217 | 95UCL | 1.5E+05 | -- | 1E-08 | -- |
| 24633 MARBELLA AVE | Toluene | ug/kg | 0.89 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24633 MARBELLA AVE | TPH as Diesel | mg/kg | 5.1 | Max | 1.1E+05 | -- | 5E-05 | -- |
| 24633 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.069 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24633 MARBELLA AVE | TPH as Motor Oil | mg/kg | 24.44 | 95UCL | 2.9E+05 | -- | 8E-05 | -- |
| 24633 MARBELLA AVE | Xylenes, Total | ug/kg | 0.28 | Max | 4.9E+07 | -- | 6E-09 | -- |
| 24700 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 12000 | Max | 7.2E+06 | -- | 2E-03 | -- |
| 24700 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1500 | Max | 7.4E+06 | -- | 2E-04 | -- |
| 24700 MARBELLA AVE | 1,4-Dichlorobenzene | ug/kg | 0.29 | Max | 3.2E+08 | 2.4E+05 | 9E-10 | 1E-12 |
| 24700 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 75 | Max | 3.5E+05 | 1.4E+03 | 2E-04 | 6E-08 |
| 24700 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 110 | Max | 2.0E+04 | -- | 6E-03 | -- |
| 24700 MARBELLA AVE | Benzene | ug/kg | 180 | Max | 5.8E+06 | 1.9E+04 | 3E-05 | 9E-09 |
| 24700 MARBELLA AVE | Bromomethane | ug/kg | 280 | Max | 7.7E+05 | -- | 4E-04 | -- |
| 24700 MARBELLA AVE | Cobalt | mg/kg | 11.1 | Max | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |

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**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24700 MARBELLA AVE | Ethylbenzene | ug/kg | 9000 | Max | 2.9E+08 | 4.2E+05 | 3E-05 | 2E-08 |
| 24700 MARBELLA AVE | Naphthalene | mg/kg | 42 | Max | 1.3E+04 | 3.5E+02 | 3E-03 | 1E-07 |
| 24700 MARBELLA AVE | Pyrene | mg/kg | 4 | Max | 1.5E+05 | -- | 3E-05 | -- |
| 24700 MARBELLA AVE | Toluene | ug/kg | 20 | Max | 4.2E+08 | -- | 5E-08 | -- |
| 24700 MARBELLA AVE | TPH as Diesel | mg/kg | 19000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 24700 MARBELLA AVE | TPH as Gasoline | mg/kg | 1400 | Max | 6.6E+04 | -- | 2E-02 | -- |
| 24700 MARBELLA AVE | TPH as Motor Oil | mg/kg | 17000 | Max | 2.9E+05 | -- | 6E-02 | -- |
| 24700 MARBELLA AVE | Xylenes, Total | ug/kg | 8000 | Max | 4.9E+07 | -- | 2E-04 | -- |
| 24700 RAVENNA AVE | 1,1,2,2-Tetrachloroethane | ug/kg | 0.31 | Max | 5.4E+07 | 4.1E+04 | 6E-09 | 8E-12 |
| 24700 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 32 | Max | 7.2E+06 | -- | 4E-06 | -- |
| 24700 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 10 | Max | 7.4E+06 | -- | 1E-06 | -- |
| 24700 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0065 | Max | 2.0E+04 | -- | 3E-07 | -- |
| 24700 RAVENNA AVE | Benzene | ug/kg | 0.53 | Max | 5.8E+06 | 1.9E+04 | 9E-08 | 3E-11 |
| 24700 RAVENNA AVE | Bromomethane | ug/kg | 1.9 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 24700 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.26 | 95UCL | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24700 RAVENNA AVE | Ethylbenzene | ug/kg | 21 | Max | 2.9E+08 | 4.2E+05 | 7E-08 | 5E-11 |
| 24700 RAVENNA AVE | Naphthalene | mg/kg | 0.07 | Max | 1.3E+04 | 3.5E+02 | 5E-06 | 2E-10 |
| 24700 RAVENNA AVE | Pyrene | mg/kg | 0.00414 | 95UCL | 1.5E+05 | -- | 3E-08 | -- |
| 24700 RAVENNA AVE | Toluene | ug/kg | 0.35 | Max | 4.2E+08 | -- | 8E-10 | -- |
| 24700 RAVENNA AVE | TPH as Diesel | mg/kg | 11 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 24700 RAVENNA AVE | TPH as Gasoline | mg/kg | 54 | Max | 6.6E+04 | -- | 8E-04 | -- |
| 24700 RAVENNA AVE | TPH as Motor Oil | mg/kg | 59 | Max | 2.9E+05 | -- | 2E-04 | -- |
| 24700 RAVENNA AVE | Xylenes, Total | ug/kg | 3.5 | Max | 4.9E+07 | -- | 7E-08 | -- |
| 24702 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 9686 | 95UCL | 7.2E+06 | -- | 1E-03 | -- |
| 24702 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 289.8 | 95UCL | 7.4E+06 | -- | 4E-05 | -- |
| 24702 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 21.77 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-05 | 2E-08 |
| 24702 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 33.05 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24702 NEPTUNE AVE | Benzene | ug/kg | 175.4 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-05 | 9E-09 |
| 24702 NEPTUNE AVE | Ethylbenzene | ug/kg | 2006 | 95UCL | 2.9E+08 | 4.2E+05 | 7E-06 | 5E-09 |
| 24702 NEPTUNE AVE | Naphthalene | mg/kg | 14.17 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |
| 24702 NEPTUNE AVE | Pyrene | mg/kg | 6.635 | 95UCL | 1.5E+05 | -- | 4E-05 | -- |
| 24702 NEPTUNE AVE | Toluene | ug/kg | 36 | 95UCL | 4.2E+08 | -- | 9E-08 | -- |
| 24702 NEPTUNE AVE | TPH as Diesel | mg/kg | 15050 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24702 NEPTUNE AVE | TPH as Gasoline | mg/kg | 830 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24702 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 12300 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24702 NEPTUNE AVE | Xylenes, Total | ug/kg | 1540 | 95UCL | 4.9E+07 | -- | 3E-05 | -- |
| 24702 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 930 | Max | 7.2E+06 | -- | 1E-04 | -- |
| 24702 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 200 | Max | 7.4E+06 | -- | 3E-05 | -- |
| 24702 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 32 | Max | 3.5E+05 | 1.4E+03 | 9E-05 | 2E-08 |
| 24702 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 42 | Max | 2.0E+04 | -- | 2E-03 | -- |
| 24702 PANAMA AVE | Benzene | ug/kg | 34 | Max | 5.8E+06 | 1.9E+04 | 6E-06 | 2E-09 |
| 24702 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.37 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24702 PANAMA AVE | Ethylbenzene | ug/kg | 200 | Max | 2.9E+08 | 4.2E+05 | 7E-07 | 5E-10 |
| 24702 PANAMA AVE | Naphthalene | mg/kg | 9.9 | Max | 1.3E+04 | 3.5E+02 | 8E-04 | 3E-08 |
| 24702 PANAMA AVE | Pyrene | mg/kg | 12 | Max | 1.5E+05 | -- | 8E-05 | -- |
| 24702 PANAMA AVE | Toluene | ug/kg | 27 | Max | 4.2E+08 | -- | 6E-08 | -- |
| 24702 PANAMA AVE | TPH as Diesel | mg/kg | 25000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 24702 PANAMA AVE | TPH as Gasoline | mg/kg | 86 | Max | 6.6E+04 | -- | 1E-03 | -- |
| 24702 PANAMA AVE | TPH as Motor Oil | mg/kg | 26000 | Max | 2.9E+05 | -- | 9E-02 | -- |
| 24702 PANAMA AVE | Xylenes, Total | ug/kg | 300 | Max | 4.9E+07 | -- | 6E-06 | -- |
| 24703 MARBELLA AVE | Benzene | ug/kg | 0.23 | Max | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 24703 MARBELLA AVE | Bromodichloromethane | ug/kg | 0.14 | Max | 3.8E+07 | 4.2E+04 | 4E-09 | 3E-12 |
| 24703 MARBELLA AVE | Cobalt | mg/kg | 9.526 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24703 MARBELLA AVE | Naphthalene | mg/kg | 0.01 | Max | 1.3E+04 | 3.5E+02 | 8E-07 | 3E-11 |
| 24703 MARBELLA AVE | Pyrene | mg/kg | 0.0034 | Max | 1.5E+05 | -- | 2E-08 | -- |
| 24703 MARBELLA AVE | Tetrachloroethene | ug/kg | 1.1 | Max | 7.5E+06 | 4.9E+04 | 2E-07 | 2E-11 |
| 24703 MARBELLA AVE | Toluene | ug/kg | 0.31 | Max | 4.2E+08 | -- | 7E-10 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24703 MARBELLA AVE | TPH as Diesel | mg/kg | 9.3 | Max | 1.1E+05 | -- | 9E-05 | -- |
| 24703 MARBELLA AVE | TPH as Gasoline | mg/kg | 1.1 | Max | 6.6E+04 | -- | 2E-05 | -- |
| 24703 MARBELLA AVE | TPH as Motor Oil | mg/kg | 24 | Max | 2.9E+05 | -- | 8E-05 | -- |
| 24703 NEPTUNE AVE | 1,2,3-Trichloropropane | ug/kg | 0.81 | Max | 2.1E+05 | 1.9E+03 | 4E-06 | 4E-10 |
| 24703 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 187.5 | 95UCL | 7.2E+06 | -- | 3E-05 | -- |
| 24703 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 5.571 | 95UCL | 7.4E+06 | -- | 8E-07 | -- |
| 24703 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 11.92 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-05 | 9E-09 |
| 24703 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 15.76 | 95UCL | 2.0E+04 | -- | 8E-04 | -- |
| 24703 NEPTUNE AVE | Benzene | ug/kg | 62.44 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-05 | 3E-09 |
| 24703 NEPTUNE AVE | Bromomethane | ug/kg | 200 | Max | 7.7E+05 | -- | 3E-04 | -- |
| 24703 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.13 | Max | 2.1E+04 | 1.1E+02 | 6E-06 | 1E-09 |
| 24703 NEPTUNE AVE | Ethylbenzene | ug/kg | 1296 | 95UCL | 2.9E+08 | 4.2E+05 | 5E-06 | 3E-09 |
| 24703 NEPTUNE AVE | Naphthalene | mg/kg | 4.753 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-04 | 1E-08 |
| 24703 NEPTUNE AVE | Pyrene | mg/kg | 3.28 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24703 NEPTUNE AVE | Toluene | ug/kg | 10.42 | 95UCL | 4.2E+08 | -- | 3E-08 | -- |
| 24703 NEPTUNE AVE | TPH as Diesel | mg/kg | 9953 | 95UCL | 1.1E+05 | -- | 9E-02 | -- |
| 24703 NEPTUNE AVE | TPH as Gasoline | mg/kg | 585.9 | 95UCL | 6.6E+04 | -- | 9E-03 | -- |
| 24703 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 11020 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24703 NEPTUNE AVE | Xylenes, Total | ug/kg | 29.54 | 95UCL | 4.9E+07 | -- | 6E-07 | -- |
| 24703 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 284.6 | 95UCL | 7.2E+06 | -- | 4E-05 | -- |
| 24703 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 175.9 | 95UCL | 7.4E+06 | -- | 2E-05 | -- |
| 24703 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.379 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-06 | 1E-09 |
| 24703 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.556 | 95UCL | 2.0E+04 | -- | 8E-05 | -- |
| 24703 PANAMA AVE | Benzene | ug/kg | 10.32 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-06 | 5E-10 |
| 24703 PANAMA AVE | Cadmium | mg/kg | 0.237 | Max | 6.2E+03 | 5.8E+06 | 4E-05 | 4E-14 |
| 24703 PANAMA AVE | Cobalt | mg/kg | 7.36 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24703 PANAMA AVE | Copper | mg/kg | 11.54 | 95UCL | 2.7E+05 | -- | 4E-05 | -- |
| 24703 PANAMA AVE | Ethylbenzene | ug/kg | 168.2 | 95UCL | 2.9E+08 | 4.2E+05 | 6E-07 | 4E-10 |
| 24703 PANAMA AVE | Lead | mg/kg | 23.53 | 95UCL | -- | -- | -- | -- |
| 24703 PANAMA AVE | Naphthalene | mg/kg | 1.2 | 95UCL | 1.3E+04 | 3.5E+02 | 9E-05 | 4E-09 |
| 24703 PANAMA AVE | Pyrene | mg/kg | 0.829 | 95UCL | 1.5E+05 | -- | 6E-06 | -- |
| 24703 PANAMA AVE | Toluene | ug/kg | 0.9 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24703 PANAMA AVE | TPH as Diesel | mg/kg | 1413 | 95UCL | 1.1E+05 | -- | 1E-02 | -- |
| 24703 PANAMA AVE | TPH as Gasoline | mg/kg | 37.52 | 95UCL | 6.6E+04 | -- | 6E-04 | -- |
| 24703 PANAMA AVE | TPH as Motor Oil | mg/kg | 2652 | 95UCL | 2.9E+05 | -- | 9E-03 | -- |
| 24703 PANAMA AVE | Vanadium | mg/kg | 28.5 | 95UCL | 3.4E+04 | -- | 8E-04 | -- |
| 24703 PANAMA AVE | Xylenes, Total | ug/kg | 127.3 | 95UCL | 4.9E+07 | -- | 3E-06 | -- |
| 24703 PANAMA AVE | Zinc | mg/kg | 45.84 | 95UCL | 2.1E+06 | -- | 2E-05 | -- |
| 24703 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 12366 | 95UCL | 7.2E+06 | -- | 2E-03 | -- |
| 24703 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1811 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 24703 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 59.92 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-04 | 4E-08 |
| 24703 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 94 | 95UCL | 2.0E+04 | -- | 5E-03 | -- |
| 24703 RAVENNA AVE | Benzene | ug/kg | 1045 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-04 | 5E-08 |
| 24703 RAVENNA AVE | Ethylbenzene | ug/kg | 3333 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 8E-09 |
| 24703 RAVENNA AVE | Naphthalene | mg/kg | 38.76 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-03 | 1E-07 |
| 24703 RAVENNA AVE | Pyrene | mg/kg | 8.229 | 95UCL | 1.5E+05 | -- | 6E-05 | -- |
| 24703 RAVENNA AVE | Toluene | ug/kg | 99.82 | 95UCL | 4.2E+08 | -- | 2E-07 | -- |
| 24703 RAVENNA AVE | TPH as Diesel | mg/kg | 15434 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24703 RAVENNA AVE | TPH as Gasoline | mg/kg | 901.3 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24703 RAVENNA AVE | TPH as Motor Oil | mg/kg | 14353 | 95UCL | 2.9E+05 | -- | 5E-02 | -- |
| 24703 RAVENNA AVE | Xylenes, Total | ug/kg | 6564 | 95UCL | 4.9E+07 | -- | 1E-04 | -- |
| 24706 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 3694 | 95UCL | 7.2E+06 | -- | 5E-04 | -- |
| 24706 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1072 | 95UCL | 7.4E+06 | -- | 1E-04 | -- |
| 24706 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 26.67 | 95UCL | 3.5E+05 | 1.4E+03 | 8E-05 | 2E-08 |
| 24706 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 42.54 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24706 MARBELLA AVE | Benzene | ug/kg | 190 | Max | 5.8E+06 | 1.9E+04 | 3E-05 | 1E-08 |
| 24706 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.3 | Max | 1.1E+05 | 3.0E+03 | 3E-06 | 1E-10 |

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**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24706 MARBELLA AVE | Cobalt | mg/kg | 7.193 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24706 MARBELLA AVE | Ethylbenzene | ug/kg | 18000 | 95UCL | 2.9E+08 | 4.2E+05 | 6E-05 | 4E-08 |
| 24706 MARBELLA AVE | Naphthalene | mg/kg | 16.16 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 5E-08 |
| 24706 MARBELLA AVE | Pyrene | mg/kg | 3.372 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24706 MARBELLA AVE | Toluene | ug/kg | 200 | Max | 4.2E+08 | -- | 5E-07 | -- |
| 24706 MARBELLA AVE | TPH as Diesel | mg/kg | 13123 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24706 MARBELLA AVE | TPH as Gasoline | mg/kg | 1360 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24706 MARBELLA AVE | TPH as Motor Oil | mg/kg | 12197 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24706 MARBELLA AVE | Xylenes, Total | ug/kg | 3167 | 95UCL | 4.9E+07 | -- | 7E-05 | -- |
| 24706 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.374 | 95UCL | 7.2E+06 | -- | 5E-08 | -- |
| 24706 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.16 | Max | 7.4E+06 | -- | 2E-08 | -- |
| 24706 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.014 | Max | 3.5E+05 | 1.4E+03 | 4E-08 | 1E-11 |
| 24706 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.022 | Max | 2.0E+04 | -- | 1E-06 | -- |
| 24706 RAVENNA AVE | Benzene | ug/kg | 0.31 | Max | 5.8E+06 | 1.9E+04 | 5E-08 | 2E-11 |
| 24706 RAVENNA AVE | Ethylbenzene | ug/kg | 3.8 | Max | 2.9E+08 | 4.2E+05 | 1E-08 | 9E-12 |
| 24706 RAVENNA AVE | Naphthalene | mg/kg | 0.046 | Max | 1.3E+04 | 3.5E+02 | 4E-06 | 1E-10 |
| 24706 RAVENNA AVE | Pyrene | mg/kg | 0.0703 | 95UCL | 1.5E+05 | -- | 5E-07 | -- |
| 24706 RAVENNA AVE | Toluene | ug/kg | 0.44 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24706 RAVENNA AVE | TPH as Diesel | mg/kg | 107.3 | 95UCL | 1.1E+05 | -- | 1E-03 | -- |
| 24706 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.43 | Max | 6.6E+04 | -- | 7E-06 | -- |
| 24706 RAVENNA AVE | TPH as Motor Oil | mg/kg | 368.4 | 95UCL | 2.9E+05 | -- | 1E-03 | -- |
| 24706 RAVENNA AVE | Xylenes, Total | ug/kg | 0.688 | 95UCL | 4.9E+07 | -- | 1E-08 | -- |
| 24707 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.367 | 95UCL | 7.2E+06 | -- | 5E-08 | -- |
| 24707 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.191 | 95UCL | 7.4E+06 | -- | 3E-08 | -- |
| 24707 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0019 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24707 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24707 MARBELLA AVE | Cobalt | mg/kg | 7.43 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24707 MARBELLA AVE | Ethylbenzene | ug/kg | 3.08 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-08 | 7E-12 |
| 24707 MARBELLA AVE | Naphthalene | mg/kg | 0.00037 | Max | 1.3E+04 | 3.5E+02 | 3E-08 | 1E-12 |
| 24707 MARBELLA AVE | Pyrene | mg/kg | 0.013 | Max | 1.5E+05 | -- | 9E-08 | -- |
| 24707 MARBELLA AVE | Toluene | ug/kg | 0.22 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24707 MARBELLA AVE | Xylenes, Total | ug/kg | 4.762 | 95UCL | 4.9E+07 | -- | 1E-07 | -- |
| 24708 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 96.16 | 95UCL | 7.2E+06 | -- | 1E-05 | -- |
| 24708 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 7.682 | 95UCL | 7.4E+06 | -- | 1E-06 | -- |
| 24708 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.975 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-06 | 7E-10 |
| 24708 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.461 | 95UCL | 2.0E+04 | -- | 7E-05 | -- |
| 24708 PANAMA AVE | Benzene | ug/kg | 0.344 | 95UCL | 5.8E+06 | 1.9E+04 | 6E-08 | 2E-11 |
| 24708 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.72 | Max | 2.1E+04 | 1.1E+02 | 4E-05 | 6E-09 |
| 24708 PANAMA AVE | Ethylbenzene | ug/kg | 34.21 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-07 | 8E-11 |
| 24708 PANAMA AVE | Naphthalene | mg/kg | 0.424 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-05 | 1E-09 |
| 24708 PANAMA AVE | Pyrene | mg/kg | 3.5 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24708 PANAMA AVE | Toluene | ug/kg | 0.49 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24708 PANAMA AVE | TPH as Diesel | mg/kg | 4611 | 95UCL | 1.1E+05 | -- | 4E-02 | -- |
| 24708 PANAMA AVE | TPH as Gasoline | mg/kg | 100 | 95UCL | 6.6E+04 | -- | 2E-03 | -- |
| 24708 PANAMA AVE | TPH as Motor Oil | mg/kg | 7508 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24708 PANAMA AVE | Xylenes, Total | ug/kg | 41 | Max | 4.9E+07 | -- | 8E-07 | -- |
| 24709 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 3074 | 95UCL | 7.2E+06 | -- | 4E-04 | -- |
| 24709 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 155.2 | 95UCL | 7.4E+06 | -- | 2E-05 | -- |
| 24709 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 13.31 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24709 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 19.48 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24709 NEPTUNE AVE | Benzene | ug/kg | 247.7 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-05 | 1E-08 |
| 24709 NEPTUNE AVE | Ethylbenzene | ug/kg | 3489 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 8E-09 |
| 24709 NEPTUNE AVE | Naphthalene | mg/kg | 6.908 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-04 | 2E-08 |
| 24709 NEPTUNE AVE | Pyrene | mg/kg | 4.061 | 95UCL | 1.5E+05 | -- | 3E-05 | -- |
| 24709 NEPTUNE AVE | Toluene | ug/kg | 24 | Max | 4.2E+08 | -- | 6E-08 | -- |
| 24709 NEPTUNE AVE | TPH as Diesel | mg/kg | 13841 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24709 NEPTUNE AVE | TPH as Gasoline | mg/kg | 734 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24709 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 12435 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24709 NEPTUNE AVE | Xylenes, Total | ug/kg | 725.4 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24709 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 2757 | 95UCL | 7.2E+06 | -- | 4E-04 | -- |
| 24709 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1036 | 95UCL | 7.4E+06 | -- | 1E-04 | -- |
| 24709 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 13.63 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24709 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 15.41 | 95UCL | 2.0E+04 | -- | 8E-04 | -- |
| 24709 PANAMA AVE | Benzene | ug/kg | 88.95 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-05 | 5E-09 |
| 24709 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.64 | Max | 2.1E+04 | 1.1E+02 | 3E-05 | 6E-09 |
| 24709 PANAMA AVE | Ethylbenzene | ug/kg | 428 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-06 | 1E-09 |
| 24709 PANAMA AVE | Naphthalene | mg/kg | 2.513 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 7E-09 |
| 24709 PANAMA AVE | Pyrene | mg/kg | 11.03 | 95UCL | 1.5E+05 | -- | 7E-05 | -- |
| 24709 PANAMA AVE | Toluene | ug/kg | 110.1 | 95UCL | 4.2E+08 | -- | 3E-07 | -- |
| 24709 PANAMA AVE | TPH as Diesel | mg/kg | 19005 | 95UCL | 1.1E+05 | -- | 2E-01 | -- |
| 24709 PANAMA AVE | TPH as Gasoline | mg/kg | 147.6 | 95UCL | 6.6E+04 | -- | 2E-03 | -- |
| 24709 PANAMA AVE | TPH as Motor Oil | mg/kg | 28579 | 95UCL | 2.9E+05 | -- | 1E-01 | -- |
| 24709 PANAMA AVE | Xylenes, Total | ug/kg | 1926 | 95UCL | 4.9E+07 | -- | 4E-05 | -- |
| 24709 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 8950 | 95UCL | 7.2E+06 | -- | 1E-03 | -- |
| 24709 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1810 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 24709 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 26.54 | 95UCL | 3.5E+05 | 1.4E+03 | 8E-05 | 2E-08 |
| 24709 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 38.63 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24709 RAVENNA AVE | Benzene | ug/kg | 304.1 | 95UCL | 5.8E+06 | 1.9E+04 | 5E-05 | 2E-08 |
| 24709 RAVENNA AVE | Bromomethane | ug/kg | 370 | Max | 7.7E+05 | -- | 5E-04 | -- |
| 24709 RAVENNA AVE | Ethylbenzene | ug/kg | 2986 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 7E-09 |
| 24709 RAVENNA AVE | Naphthalene | mg/kg | 12.6 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |
| 24709 RAVENNA AVE | Pyrene | mg/kg | 11.59 | 95UCL | 1.5E+05 | -- | 8E-05 | -- |
| 24709 RAVENNA AVE | Toluene | ug/kg | 29 | Max | 4.2E+08 | -- | 7E-08 | -- |
| 24709 RAVENNA AVE | TPH as Diesel | mg/kg | 11771 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24709 RAVENNA AVE | TPH as Gasoline | mg/kg | 686.4 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24709 RAVENNA AVE | TPH as Motor Oil | mg/kg | 11799 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24709 RAVENNA AVE | Xylenes, Total | ug/kg | 6473 | 95UCL | 4.9E+07 | -- | 1E-04 | -- |
| 24710 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 17645 | 95UCL | 7.2E+06 | -- | 2E-03 | -- |
| 24710 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 10000 | Max | 7.4E+06 | -- | 1E-03 | -- |
| 24710 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 71 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-04 | 5E-08 |
| 24710 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 120 | 95UCL | 2.0E+04 | -- | 6E-03 | -- |
| 24710 MARBELLA AVE | Benzene | ug/kg | 22000 | Max | 5.8E+06 | 1.9E+04 | 4E-03 | 1E-06 |
| 24710 MARBELLA AVE | Cobalt | mg/kg | 7.479 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24710 MARBELLA AVE | Ethylbenzene | ug/kg | 12533 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-05 | 3E-08 |
| 24710 MARBELLA AVE | Naphthalene | mg/kg | 46 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-03 | 1E-07 |
| 24710 MARBELLA AVE | Pyrene | mg/kg | 4.669 | 95UCL | 1.5E+05 | -- | 3E-05 | -- |
| 24710 MARBELLA AVE | TPH as Diesel | mg/kg | 12062 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24710 MARBELLA AVE | TPH as Gasoline | mg/kg | 4900 | 95UCL | 6.6E+04 | -- | 7E-02 | -- |
| 24710 MARBELLA AVE | TPH as Motor Oil | mg/kg | 10541 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24710 MARBELLA AVE | Xylenes, Total | ug/kg | 19541 | 95UCL | 4.9E+07 | -- | 4E-04 | -- |
| 24712 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 2100 | Max | 7.2E+06 | -- | 3E-04 | -- |
| 24712 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 320 | Max | 7.4E+06 | -- | 4E-05 | -- |
| 24712 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 33 | Max | 3.5E+05 | 1.4E+03 | 9E-05 | 2E-08 |
| 24712 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 51 | Max | 2.0E+04 | -- | 3E-03 | -- |
| 24712 NEPTUNE AVE | Benzene | ug/kg | 78 | Max | 5.8E+06 | 1.9E+04 | 1E-05 | 4E-09 |
| 24712 NEPTUNE AVE | Ethylbenzene | ug/kg | 3600 | Max | 2.9E+08 | 4.2E+05 | 1E-05 | 9E-09 |
| 24712 NEPTUNE AVE | Naphthalene | mg/kg | 21 | Max | 1.3E+04 | 3.5E+02 | 2E-03 | 6E-08 |
| 24712 NEPTUNE AVE | Pyrene | mg/kg | 5.6 | Max | 1.5E+05 | -- | 4E-05 | -- |
| 24712 NEPTUNE AVE | Toluene | ug/kg | 0.69 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24712 NEPTUNE AVE | TPH as Diesel | mg/kg | 13000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24712 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1400 | Max | 6.6E+04 | -- | 2E-02 | -- |
| 24712 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 13000 | Max | 2.9E+05 | -- | 5E-02 | -- |
| 24712 NEPTUNE AVE | Xylenes, Total | ug/kg | 760 | Max | 4.9E+07 | -- | 2E-05 | -- |
| 24712 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 44 | Max | 7.2E+06 | -- | 6E-06 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24712 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 11 | Max | 7.4E+06 | -- | 2E-06 | -- |
| 24712 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.3 | Max | 3.5E+05 | 1.4E+03 | 9E-07 | 2E-10 |
| 24712 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.63 | Max | 2.0E+04 | -- | 3E-05 | -- |
| 24712 PANAMA AVE | Benzene | ug/kg | 0.56 | Max | 5.8E+06 | 1.9E+04 | 1E-07 | 3E-11 |
| 24712 PANAMA AVE | Bromomethane | ug/kg | 3.7 | Max | 7.7E+05 | -- | 5E-06 | -- |
| 24712 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24712 PANAMA AVE | Ethylbenzene | ug/kg | 3.3 | Max | 2.9E+08 | 4.2E+05 | 1E-08 | 8E-12 |
| 24712 PANAMA AVE | Naphthalene | mg/kg | 0.41 | Max | 1.3E+04 | 3.5E+02 | 3E-05 | 1E-09 |
| 24712 PANAMA AVE | Pyrene | mg/kg | 3.1 | Max | 1.5E+05 | -- | 2E-05 | -- |
| 24712 PANAMA AVE | Toluene | ug/kg | 0.62 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24712 PANAMA AVE | TPH as Diesel | mg/kg | 2400 | Max | 1.1E+05 | -- | 2E-02 | -- |
| 24712 PANAMA AVE | TPH as Gasoline | mg/kg | 55 | Max | 6.6E+04 | -- | 8E-04 | -- |
| 24712 PANAMA AVE | TPH as Motor Oil | mg/kg | 4100 | Max | 2.9E+05 | -- | 1E-02 | -- |
| 24712 PANAMA AVE | Xylenes, Total | ug/kg | 10 | Max | 4.9E+07 | -- | 2E-07 | -- |
| 24712 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 5.2 | Max | 7.2E+06 | -- | 7E-07 | -- |
| 24712 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1.8 | Max | 7.4E+06 | -- | 2E-07 | -- |
| 24712 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00664 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-08 | 5E-12 |
| 24712 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0104 | 95UCL | 2.0E+04 | -- | 5E-07 | -- |
| 24712 RAVENNA AVE | Benzene | ug/kg | 0.31 | Max | 5.8E+06 | 1.9E+04 | 5E-08 | 2E-11 |
| 24712 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.31 | Max | 1.1E+05 | 3.0E+03 | 3E-06 | 1E-10 |
| 24712 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.11 | Max | 2.1E+04 | 1.1E+02 | 5E-06 | 1E-09 |
| 24712 RAVENNA AVE | Ethylbenzene | ug/kg | 0.66 | Max | 2.9E+08 | 4.2E+05 | 2E-09 | 2E-12 |
| 24712 RAVENNA AVE | Naphthalene | mg/kg | 0.00565 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-07 | 2E-11 |
| 24712 RAVENNA AVE | Pyrene | mg/kg | 0.154 | 95UCL | 1.5E+05 | -- | 1E-06 | -- |
| 24712 RAVENNA AVE | Toluene | ug/kg | 0.59 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24712 RAVENNA AVE | TPH as Diesel | mg/kg | 181.9 | 95UCL | 1.1E+05 | -- | 2E-03 | -- |
| 24712 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.239 | 95UCL | 6.6E+04 | -- | 4E-06 | -- |
| 24712 RAVENNA AVE | TPH as Motor Oil | mg/kg | 471.9 | 95UCL | 2.9E+05 | -- | 2E-03 | -- |
| 24712 RAVENNA AVE | Xylenes, Total | ug/kg | 3.4 | Max | 4.9E+07 | -- | 7E-08 | -- |
| 24713 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.22 | Max | 7.2E+06 | -- | 3E-08 | -- |
| 24713 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0204 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-08 | 2E-11 |
| 24713 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0953 | 95UCL | 2.0E+04 | -- | 5E-06 | -- |
| 24713 MARBELLA AVE | Cobalt | mg/kg | 6.616 | 95UCL | 2.1E+03 | 2.7E+06 | 3E-03 | 2E-12 |
| 24713 MARBELLA AVE | Naphthalene | mg/kg | 0.631 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-05 | 2E-09 |
| 24713 MARBELLA AVE | Pyrene | mg/kg | 0.0149 | 95UCL | 1.5E+05 | -- | 1E-07 | -- |
| 24713 MARBELLA AVE | Toluene | ug/kg | 0.13 | Max | 4.2E+08 | -- | 3E-10 | -- |
| 24713 MARBELLA AVE | TPH as Diesel | mg/kg | 5.3 | Max | 1.1E+05 | -- | 5E-05 | -- |
| 24713 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 17.93 | 95UCL | 7.2E+06 | -- | 3E-06 | -- |
| 24713 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 3.343 | 95UCL | 7.4E+06 | -- | 5E-07 | -- |
| 24713 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.275 | 95UCL | 3.5E+05 | 1.4E+03 | 8E-07 | 2E-10 |
| 24713 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.301 | 95UCL | 2.0E+04 | -- | 2E-05 | -- |
| 24713 PANAMA AVE | Benzene | ug/kg | 25.18 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-06 | 1E-09 |
| 24713 PANAMA AVE | Bromomethane | ug/kg | 3.7 | Max | 7.7E+05 | -- | 5E-06 | -- |
| 24713 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.9 | Max | 2.1E+04 | 1.1E+02 | 4E-05 | 8E-09 |
| 24713 PANAMA AVE | Ethylbenzene | ug/kg | 30 | Max | 2.9E+08 | 4.2E+05 | 1E-07 | 7E-11 |
| 24713 PANAMA AVE | Methylene Chloride | ug/kg | 11 | Max | 3.2E+07 | 4.7E+05 | 4E-07 | 2E-11 |
| 24713 PANAMA AVE | Naphthalene | mg/kg | 0.0792 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-06 | 2E-10 |
| 24713 PANAMA AVE | Pyrene | mg/kg | 4.243 | 95UCL | 1.5E+05 | -- | 3E-05 | -- |
| 24713 PANAMA AVE | Toluene | ug/kg | 0.561 | 95UCL | 4.2E+08 | -- | 1E-09 | -- |
| 24713 PANAMA AVE | TPH as Diesel | mg/kg | 9344 | 95UCL | 1.1E+05 | -- | 9E-02 | -- |
| 24713 PANAMA AVE | TPH as Gasoline | mg/kg | 0.462 | 95UCL | 6.6E+04 | -- | 7E-06 | -- |
| 24713 PANAMA AVE | TPH as Motor Oil | mg/kg | 23829 | 95UCL | 2.9E+05 | -- | 8E-02 | -- |
| 24713 PANAMA AVE | Xylenes, Total | ug/kg | 44.63 | 95UCL | 4.9E+07 | -- | 9E-07 | -- |
| 24713 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 2200 | 95UCL | 7.2E+06 | -- | 3E-04 | -- |
| 24713 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 290.6 | 95UCL | 7.4E+06 | -- | 4E-05 | -- |
| 24713 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 11.56 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-05 | 9E-09 |
| 24713 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 15.37 | 95UCL | 2.0E+04 | -- | 8E-04 | -- |

**Table E-3**
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**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24713 RAVENNA AVE | Benzene | ug/kg | 450 | Max | 5.8E+06 | 1.9E+04 | 8E-05 | 2E-08 |
| 24713 RAVENNA AVE | Ethylbenzene | ug/kg | 2138 | 95UCL | 2.9E+08 | 4.2E+05 | 8E-06 | 5E-09 |
| 24713 RAVENNA AVE | Naphthalene | mg/kg | 8.854 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24713 RAVENNA AVE | Pyrene | mg/kg | 6.176 | 95UCL | 1.5E+05 | -- | 4E-05 | -- |
| 24713 RAVENNA AVE | Toluene | ug/kg | 43 | Max | 4.2E+08 | -- | 1E-07 | -- |
| 24713 RAVENNA AVE | TPH as Diesel | mg/kg | 8864 | 95UCL | 1.1E+05 | -- | 8E-02 | -- |
| 24713 RAVENNA AVE | TPH as Gasoline | mg/kg | 813.7 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24713 RAVENNA AVE | TPH as Motor Oil | mg/kg | 9722 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24713 RAVENNA AVE | Xylenes, Total | ug/kg | 867.5 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24715 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 14047 | 95UCL | 7.2E+06 | -- | 2E-03 | -- |
| 24715 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 4034 | 95UCL | 7.4E+06 | -- | 5E-04 | -- |
| 24715 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 23.96 | 95UCL | 3.5E+05 | 1.4E+03 | 7E-05 | 2E-08 |
| 24715 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 33.59 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24715 NEPTUNE AVE | Benzene | ug/kg | 2975 | 95UCL | 5.8E+06 | 1.9E+04 | 5E-04 | 2E-07 |
| 24715 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 1.061 | 95UCL | -- | 1.4E+02 | -- | 8E-09 |
| 24715 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.68 | 95UCL | -- | 1.4E+01 | -- | 5E-08 |
| 24715 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.293 | 95UCL | -- | 1.4E+02 | -- | 2E-09 |
| 24715 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.42 | Max | -- | 1.4E+02 | -- | 3E-09 |
| 24715 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24715 NEPTUNE AVE | Chrysene | mg/kg | 2.51 | 95UCL | -- | 1.4E+03 | -- | 2E-09 |
| 24715 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.22 | Max | -- | 9.7E+00 | -- | 2E-08 |
| 24715 NEPTUNE AVE | Ethylbenzene | ug/kg | 5916 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24715 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.013 | Max | -- | 1.4E+02 | -- | 1E-10 |
| 24715 NEPTUNE AVE | Naphthalene | mg/kg | 20.72 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-03 | 6E-08 |
| 24715 NEPTUNE AVE | Pyrene | mg/kg | 5.913 | 95UCL | 1.5E+05 | -- | 4E-05 | -- |
| 24715 NEPTUNE AVE | Toluene | ug/kg | 93.09 | 95UCL | 4.2E+08 | -- | 2E-07 | -- |
| 24715 NEPTUNE AVE | TPH as Diesel | mg/kg | 13423 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24715 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1757 | 95UCL | 6.6E+04 | -- | 3E-02 | -- |
| 24715 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 14792 | 95UCL | 2.9E+05 | -- | 5E-02 | -- |
| 24715 NEPTUNE AVE | Xylenes, Total | ug/kg | 11505 | 95UCL | 4.9E+07 | -- | 2E-04 | -- |
| 24716 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 7300 | Max | 7.2E+06 | -- | 1E-03 | -- |
| 24716 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 3000 | Max | 7.4E+06 | -- | 4E-04 | -- |
| 24716 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 43 | Max | 3.5E+05 | 1.4E+03 | 1E-04 | 3E-08 |
| 24716 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 71 | Max | 2.0E+04 | -- | 4E-03 | -- |
| 24716 MARBELLA AVE | Benzene | ug/kg | 1100 | Max | 5.8E+06 | 1.9E+04 | 2E-04 | 6E-08 |
| 24716 MARBELLA AVE | Cobalt | mg/kg | 9.09 | Max | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24716 MARBELLA AVE | Ethylbenzene | ug/kg | 16000 | Max | 2.9E+08 | 4.2E+05 | 6E-05 | 4E-08 |
| 24716 MARBELLA AVE | Naphthalene | mg/kg | 27 | Max | 1.3E+04 | 3.5E+02 | 2E-03 | 8E-08 |
| 24716 MARBELLA AVE | Pyrene | mg/kg | 6.2 | Max | 1.5E+05 | -- | 4E-05 | -- |
| 24716 MARBELLA AVE | Toluene | ug/kg | 0.31 | Max | 4.2E+08 | -- | 7E-10 | -- |
| 24716 MARBELLA AVE | TPH as Diesel | mg/kg | 17000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 24716 MARBELLA AVE | TPH as Gasoline | mg/kg | 3400 | Max | 6.6E+04 | -- | 5E-02 | -- |
| 24716 MARBELLA AVE | TPH as Motor Oil | mg/kg | 14000 | Max | 2.9E+05 | -- | 5E-02 | -- |
| 24716 MARBELLA AVE | Xylenes, Total | ug/kg | 6600 | Max | 4.9E+07 | -- | 1E-04 | -- |
| 24716 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.82 | Max | 7.2E+06 | -- | 1E-07 | -- |
| 24716 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.38 | Max | 7.4E+06 | -- | 5E-08 | -- |
| 24716 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0097 | Max | 3.5E+05 | 1.4E+03 | 3E-08 | 7E-12 |
| 24716 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0055 | Max | 2.0E+04 | -- | 3E-07 | -- |
| 24716 RAVENNA AVE | Benzene | ug/kg | 0.23 | Max | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 24716 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24716 RAVENNA AVE | Ethylbenzene | ug/kg | 0.13 | Max | 2.9E+08 | 4.2E+05 | 5E-10 | 3E-13 |
| 24716 RAVENNA AVE | Naphthalene | mg/kg | 0.0036 | Max | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 24716 RAVENNA AVE | Pyrene | mg/kg | 0.013 | Max | 1.5E+05 | -- | 9E-08 | -- |
| 24716 RAVENNA AVE | Toluene | ug/kg | 0.14 | Max | 4.2E+08 | -- | 3E-10 | -- |
| 24716 RAVENNA AVE | TPH as Diesel | mg/kg | 20 | Max | 1.1E+05 | -- | 2E-04 | -- |
| 24716 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.19 | Max | 6.6E+04 | -- | 3E-06 | -- |
| 24716 RAVENNA AVE | TPH as Motor Oil | mg/kg | 34 | Max | 2.9E+05 | -- | 1E-04 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24716 RAVENNA AVE | Xylenes, Total | ug/kg | 0.81 | Max | 4.9E+07 | -- | 2E-08 | -- |
| 24717 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 6.9 | Max | 7.2E+06 | -- | 1E-06 | -- |
| 24717 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 2.3 | Max | 7.4E+06 | -- | 3E-07 | -- |
| 24717 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0724 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-07 | 5E-11 |
| 24717 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0515 | 95UCL | 2.0E+04 | -- | 3E-06 | -- |
| 24717 MARBELLA AVE | Benzene | ug/kg | 0.44 | Max | 5.8E+06 | 1.9E+04 | 8E-08 | 2E-11 |
| 24717 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24717 MARBELLA AVE | Cobalt | mg/kg | 14.22 | 95UCL | 2.1E+03 | 2.7E+06 | 7E-03 | 5E-12 |
| 24717 MARBELLA AVE | Ethylbenzene | ug/kg | 31 | Max | 2.9E+08 | 4.2E+05 | 1E-07 | 7E-11 |
| 24717 MARBELLA AVE | Naphthalene | mg/kg | 0.0995 | 95UCL | 1.3E+04 | 3.5E+02 | 8E-06 | 3E-10 |
| 24717 MARBELLA AVE | Pyrene | mg/kg | 0.0973 | 95UCL | 1.5E+05 | -- | 7E-07 | -- |
| 24717 MARBELLA AVE | Toluene | ug/kg | 0.25 | Max | 4.2E+08 | -- | 6E-10 | -- |
| 24717 MARBELLA AVE | TPH as Diesel | mg/kg | 52 | Max | 1.1E+05 | -- | 5E-04 | -- |
| 24717 MARBELLA AVE | TPH as Gasoline | mg/kg | 52 | Max | 6.6E+04 | -- | 8E-04 | -- |
| 24717 MARBELLA AVE | TPH as Motor Oil | mg/kg | 60 | Max | 2.9E+05 | -- | 2E-04 | -- |
| 24717 MARBELLA AVE | Xylenes, Total | ug/kg | 5.6 | Max | 4.9E+07 | -- | 1E-07 | -- |
| 24718 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 507.7 | 95UCL | 7.2E+06 | -- | 7E-05 | -- |
| 24718 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 149 | 95UCL | 7.4E+06 | -- | 2E-05 | -- |
| 24718 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 15.35 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24718 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 20.07 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24718 NEPTUNE AVE | Antimony | mg/kg | 0.399 | 95UCL | 2.7E+03 | -- | 2E-04 | -- |
| 24718 NEPTUNE AVE | Benzene | ug/kg | 48 | Max | 5.8E+06 | 1.9E+04 | 8E-06 | 3E-09 |
| 24718 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24718 NEPTUNE AVE | Ethylbenzene | ug/kg | 8306 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-05 | 2E-08 |
| 24718 NEPTUNE AVE | Naphthalene | mg/kg | 9.052 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24718 NEPTUNE AVE | Pyrene | mg/kg | 0.477 | 95UCL | 1.5E+05 | -- | 3E-06 | -- |
| 24718 NEPTUNE AVE | Toluene | ug/kg | 15 | Max | 4.2E+08 | -- | 4E-08 | -- |
| 24718 NEPTUNE AVE | TPH as Diesel | mg/kg | 8435 | 95UCL | 1.1E+05 | -- | 8E-02 | -- |
| 24718 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1102 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24718 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 9706 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 24718 NEPTUNE AVE | Xylenes, Total | ug/kg | 623.5 | 95UCL | 4.9E+07 | -- | 1E-05 | -- |
| 24718 PANAMA AVE | 1,2,3-Trichloropropane | ug/kg | 0.85 | Max | 2.1E+05 | 1.9E+03 | 4E-06 | 5E-10 |
| 24718 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.6 | Max | 7.2E+06 | -- | 8E-08 | -- |
| 24718 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.24 | Max | 7.4E+06 | -- | 3E-08 | -- |
| 24718 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.032 | Max | 3.5E+05 | 1.4E+03 | 9E-08 | 2E-11 |
| 24718 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.046 | Max | 2.0E+04 | -- | 2E-06 | -- |
| 24718 PANAMA AVE | Benzene | ug/kg | 1.9 | Max | 5.8E+06 | 1.9E+04 | 3E-07 | 1E-10 |
| 24718 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24718 PANAMA AVE | Ethylbenzene | ug/kg | 0.23 | Max | 2.9E+08 | 4.2E+05 | 8E-10 | 6E-13 |
| 24718 PANAMA AVE | Naphthalene | mg/kg | 0.015 | Max | 1.3E+04 | 3.5E+02 | 1E-06 | 4E-11 |
| 24718 PANAMA AVE | Pyrene | mg/kg | 0.23 | Max | 1.5E+05 | -- | 2E-06 | -- |
| 24718 PANAMA AVE | Toluene | ug/kg | 0.78 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24718 PANAMA AVE | TPH as Diesel | mg/kg | 260 | Max | 1.1E+05 | -- | 2E-03 | -- |
| 24718 PANAMA AVE | TPH as Gasoline | mg/kg | 0.52 | Max | 6.6E+04 | -- | 8E-06 | -- |
| 24718 PANAMA AVE | TPH as Motor Oil | mg/kg | 520 | Max | 2.9E+05 | -- | 2E-03 | -- |
| 24718 PANAMA AVE | Xylenes, Total | ug/kg | 0.52 | Max | 4.9E+07 | -- | 1E-08 | -- |
| 24719 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 12000 | Max | 7.2E+06 | -- | 2E-03 | -- |
| 24719 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 320 | Max | 7.4E+06 | -- | 4E-05 | -- |
| 24719 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 35 | Max | 3.5E+05 | 1.4E+03 | 1E-04 | 3E-08 |
| 24719 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 68 | Max | 2.0E+04 | -- | 3E-03 | -- |
| 24719 NEPTUNE AVE | Benzene | ug/kg | 590 | Max | 5.8E+06 | 1.9E+04 | 1E-04 | 3E-08 |
| 24719 NEPTUNE AVE | Ethylbenzene | ug/kg | 23000 | Max | 2.9E+08 | 4.2E+05 | 8E-05 | 6E-08 |
| 24719 NEPTUNE AVE | Naphthalene | mg/kg | 28 | Max | 1.3E+04 | 3.5E+02 | 2E-03 | 8E-08 |
| 24719 NEPTUNE AVE | Pyrene | mg/kg | 2.5 | Max | 1.5E+05 | -- | 2E-05 | -- |
| 24719 NEPTUNE AVE | Toluene | ug/kg | 0.83 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24719 NEPTUNE AVE | TPH as Diesel | mg/kg | 24000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 24719 NEPTUNE AVE | TPH as Gasoline | mg/kg | 3400 | Max | 6.6E+04 | -- | 5E-02 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24719 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 24000 | Max | 2.9E+05 | -- | 8E-02 | -- |
| 24719 NEPTUNE AVE | Xylenes, Total | ug/kg | 1700 | Max | 4.9E+07 | -- | 4E-05 | -- |
| 24719 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.668 | 95UCL | 7.2E+06 | -- | 9E-08 | -- |
| 24719 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.238 | 95UCL | 7.4E+06 | -- | 3E-08 | -- |
| 24719 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.034 | Max | 3.5E+05 | 1.4E+03 | 1E-07 | 3E-11 |
| 24719 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.715 | 95UCL | 2.0E+04 | -- | 4E-05 | -- |
| 24719 PANAMA AVE | Benzene | ug/kg | 0.805 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-07 | 4E-11 |
| 24719 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.51 | Max | 2.1E+04 | 1.1E+02 | 3E-05 | 5E-09 |
| 24719 PANAMA AVE | Ethylbenzene | ug/kg | 2.4 | Max | 2.9E+08 | 4.2E+05 | 8E-09 | 6E-12 |
| 24719 PANAMA AVE | Naphthalene | mg/kg | 0.02 | Max | 1.3E+04 | 3.5E+02 | 2E-06 | 6E-11 |
| 24719 PANAMA AVE | Pyrene | mg/kg | 3.1 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24719 PANAMA AVE | Toluene | ug/kg | 0.268 | 95UCL | 4.2E+08 | -- | 6E-10 | -- |
| 24719 PANAMA AVE | TPH as Diesel | mg/kg | 12886 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24719 PANAMA AVE | TPH as Gasoline | mg/kg | 0.14 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24719 PANAMA AVE | TPH as Motor Oil | mg/kg | 18000 | 95UCL | 2.9E+05 | -- | 6E-02 | -- |
| 24719 PANAMA AVE | Xylenes, Total | ug/kg | 1.765 | 95UCL | 4.9E+07 | -- | 4E-08 | -- |
| 24719 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 3260 | 95UCL | 7.2E+06 | -- | 5E-04 | -- |
| 24719 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1205 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 24719 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 24.4 | 95UCL | 3.5E+05 | 1.4E+03 | 7E-05 | 2E-08 |
| 24719 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 51.64 | 95UCL | 2.0E+04 | -- | 3E-03 | -- |
| 24719 RAVENNA AVE | Benzene | ug/kg | 656 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 3E-08 |
| 24719 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 1.1E+05 | 3.0E+03 | 2E-06 | 6E-11 |
| 24719 RAVENNA AVE | Bromomethane | ug/kg | 1300 | Max | 7.7E+05 | -- | 2E-03 | -- |
| 24719 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.64 | Max | 2.1E+04 | 1.1E+02 | 3E-05 | 6E-09 |
| 24719 RAVENNA AVE | Ethylbenzene | ug/kg | 6450 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 2E-08 |
| 24719 RAVENNA AVE | Naphthalene | mg/kg | 19 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 6E-08 |
| 24719 RAVENNA AVE | Pyrene | mg/kg | 4.599 | 95UCL | 1.5E+05 | -- | 3E-05 | -- |
| 24719 RAVENNA AVE | Toluene | ug/kg | 560.6 | 95UCL | 4.2E+08 | -- | 1E-06 | -- |
| 24719 RAVENNA AVE | TPH as Diesel | mg/kg | 13700 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24719 RAVENNA AVE | TPH as Gasoline | mg/kg | 963 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24719 RAVENNA AVE | TPH as Motor Oil | mg/kg | 15000 | 95UCL | 2.9E+05 | -- | 5E-02 | -- |
| 24719 RAVENNA AVE | Xylenes, Total | ug/kg | 3760 | 95UCL | 4.9E+07 | -- | 8E-05 | -- |
| 24722 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.009 | Max | 3.5E+05 | 1.4E+03 | 3E-08 | 7E-12 |
| 24722 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0061 | Max | 2.0E+04 | -- | 3E-07 | -- |
| 24722 MARBELLA AVE | Benzene | ug/kg | 2.9 | Max | 5.8E+06 | 1.9E+04 | 5E-07 | 2E-10 |
| 24722 MARBELLA AVE | Bromomethane | ug/kg | 0.82 | Max | 7.7E+05 | -- | 1E-06 | -- |
| 24722 MARBELLA AVE | Ethylbenzene | ug/kg | 0.41 | Max | 2.9E+08 | 4.2E+05 | 1E-09 | 1E-12 |
| 24722 MARBELLA AVE | Naphthalene | mg/kg | 0.002 | Max | 1.3E+04 | 3.5E+02 | 2E-07 | 6E-12 |
| 24722 MARBELLA AVE | Pyrene | mg/kg | 0.088 | Max | 1.5E+05 | -- | 6E-07 | -- |
| 24722 MARBELLA AVE | Toluene | ug/kg | 0.42 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24722 MARBELLA AVE | TPH as Diesel | mg/kg | 320 | Max | 1.1E+05 | -- | 3E-03 | -- |
| 24722 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.22 | Max | 6.6E+04 | -- | 3E-06 | -- |
| 24722 MARBELLA AVE | TPH as Motor Oil | mg/kg | 630 | Max | 2.9E+05 | -- | 2E-03 | -- |
| 24722 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.026 | Max | 2.0E+04 | -- | 1E-06 | -- |
| 24722 NEPTUNE AVE | Benzene | ug/kg | 4 | Max | 5.8E+06 | 1.9E+04 | 7E-07 | 2E-10 |
| 24722 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24722 NEPTUNE AVE | Ethylbenzene | ug/kg | 0.78 | Max | 2.9E+08 | 4.2E+05 | 3E-09 | 2E-12 |
| 24722 NEPTUNE AVE | Naphthalene | mg/kg | 0.013 | Max | 1.3E+04 | 3.5E+02 | 1E-06 | 4E-11 |
| 24722 NEPTUNE AVE | Pyrene | mg/kg | 0.0043 | Max | 1.5E+05 | -- | 3E-08 | -- |
| 24722 NEPTUNE AVE | Toluene | ug/kg | 0.73 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24722 NEPTUNE AVE | TPH as Diesel | mg/kg | 18 | Max | 1.1E+05 | -- | 2E-04 | -- |
| 24722 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 79 | Max | 2.9E+05 | -- | 3E-04 | -- |
| 24722 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0099 | Max | 3.5E+05 | 1.4E+03 | 3E-08 | 7E-12 |
| 24722 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.011 | Max | 2.0E+04 | -- | 6E-07 | -- |
| 24722 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24722 PANAMA AVE | Naphthalene | mg/kg | 0.0093 | Max | 1.3E+04 | 3.5E+02 | 7E-07 | 3E-11 |
| 24722 PANAMA AVE | Pyrene | mg/kg | 0.021 | Max | 1.5E+05 | -- | 1E-07 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24722 PANAMA AVE | TPH as Diesel | mg/kg | 480 | Max | 1.1E+05 | -- | 4E-03 | -- |
| 24722 PANAMA AVE | TPH as Gasoline | mg/kg | 0.068 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24722 PANAMA AVE | TPH as Motor Oil | mg/kg | 830 | Max | 2.9E+05 | -- | 3E-03 | -- |
| 24722 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 5.982 | 95UCL | 7.2E+06 | -- | 8E-07 | -- |
| 24722 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1.099 | 95UCL | 7.4E+06 | -- | 2E-07 | -- |
| 24722 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0456 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-07 | 3E-11 |
| 24722 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0331 | 95UCL | 2.0E+04 | -- | 2E-06 | -- |
| 24722 RAVENNA AVE | Benzene | ug/kg | 0.31 | Max | 5.8E+06 | 1.9E+04 | 5E-08 | 2E-11 |
| 24722 RAVENNA AVE | Bromomethane | ug/kg | 0.91 | Max | 7.7E+05 | -- | 1E-06 | -- |
| 24722 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.311 | 95UCL | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24722 RAVENNA AVE | Ethylbenzene | ug/kg | 8.7 | Max | 2.9E+08 | 4.2E+05 | 3E-08 | 2E-11 |
| 24722 RAVENNA AVE | Naphthalene | mg/kg | 0.0632 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-06 | 2E-10 |
| 24722 RAVENNA AVE | Pyrene | mg/kg | 0.0607 | 95UCL | 1.5E+05 | -- | 4E-07 | -- |
| 24722 RAVENNA AVE | Toluene | ug/kg | 0.36 | Max | 4.2E+08 | -- | 9E-10 | -- |
| 24722 RAVENNA AVE | TPH as Diesel | mg/kg | 342 | 95UCL | 1.1E+05 | -- | 3E-03 | -- |
| 24722 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.476 | 95UCL | 6.6E+04 | -- | 7E-06 | -- |
| 24722 RAVENNA AVE | TPH as Motor Oil | mg/kg | 581.6 | 95UCL | 2.9E+05 | -- | 2E-03 | -- |
| 24722 RAVENNA AVE | Xylenes, Total | ug/kg | 2.002 | 95UCL | 4.9E+07 | -- | 4E-08 | -- |
| 24723 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.73 | Max | 7.2E+06 | -- | 1E-07 | -- |
| 24723 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.15 | Max | 7.4E+06 | -- | 2E-08 | -- |
| 24723 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.24 | Max | 3.5E+05 | 1.4E+03 | 7E-07 | 2E-10 |
| 24723 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.31 | Max | 2.0E+04 | -- | 2E-05 | -- |
| 24723 MARBELLA AVE | Benzene | ug/kg | 2.3 | Max | 5.8E+06 | 1.9E+04 | 4E-07 | 1E-10 |
| 24723 MARBELLA AVE | Bromomethane | ug/kg | 2.1 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 24723 MARBELLA AVE | Cobalt | mg/kg | 7.83 | Max | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24723 MARBELLA AVE | Ethylbenzene | ug/kg | 0.6 | Max | 2.9E+08 | 4.2E+05 | 2E-09 | 1E-12 |
| 24723 MARBELLA AVE | Naphthalene | mg/kg | 0.048 | Max | 1.3E+04 | 3.5E+02 | 4E-06 | 1E-10 |
| 24723 MARBELLA AVE | Pyrene | mg/kg | 0.028 | Max | 1.5E+05 | -- | 2E-07 | -- |
| 24723 MARBELLA AVE | Toluene | ug/kg | 0.94 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24723 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.33 | Max | 6.6E+04 | -- | 5E-06 | -- |
| 24723 MARBELLA AVE | Xylenes, Total | ug/kg | 2.3 | Max | 4.9E+07 | -- | 5E-08 | -- |
| 24723 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 17 | Max | 7.2E+06 | -- | 2E-06 | -- |
| 24723 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 4.788 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-05 | 4E-09 |
| 24723 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 7.859 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 24723 RAVENNA AVE | Benzene | ug/kg | 0.34 | Max | 5.8E+06 | 1.9E+04 | 6E-08 | 2E-11 |
| 24723 RAVENNA AVE | Ethylbenzene | ug/kg | 3900 | Max | 2.9E+08 | 4.2E+05 | 1E-05 | 9E-09 |
| 24723 RAVENNA AVE | Naphthalene | mg/kg | 3.18 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 9E-09 |
| 24723 RAVENNA AVE | Pyrene | mg/kg | 0.246 | 95UCL | 1.5E+05 | -- | 2E-06 | -- |
| 24723 RAVENNA AVE | Toluene | ug/kg | 0.43 | 95UCL | 4.2E+08 | -- | 1E-09 | -- |
| 24723 RAVENNA AVE | TPH as Diesel | mg/kg | 4400 | Max | 1.1E+05 | -- | 4E-02 | -- |
| 24723 RAVENNA AVE | TPH as Gasoline | mg/kg | 790 | Max | 6.6E+04 | -- | 1E-02 | -- |
| 24723 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3900 | Max | 2.9E+05 | -- | 1E-02 | -- |
| 24723 RAVENNA AVE | Xylenes, Total | ug/kg | 100 | Max | 4.9E+07 | -- | 2E-06 | -- |
| 24725 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 1.1 | Max | 7.2E+06 | -- | 2E-07 | -- |
| 24725 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0052 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 4E-12 |
| 24725 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 0.12 | Max | 1.1E+04 | 1.4E+02 | 1E-05 | 9E-10 |
| 24725 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0039 | Max | 2.0E+04 | -- | 2E-07 | -- |
| 24725 NEPTUNE AVE | Benzene | ug/kg | 0.13 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 7E-12 |
| 24725 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.322 | 95UCL | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24725 NEPTUNE AVE | Naphthalene | mg/kg | 0.0073 | Max | 1.3E+04 | 3.5E+02 | 6E-07 | 2E-11 |
| 24725 NEPTUNE AVE | Pyrene | mg/kg | 0.33 | Max | 1.5E+05 | -- | 2E-06 | -- |
| 24725 NEPTUNE AVE | Toluene | ug/kg | 0.13 | Max | 4.2E+08 | -- | 3E-10 | -- |
| 24725 NEPTUNE AVE | TPH as Diesel | mg/kg | 28 | Max | 1.1E+05 | -- | 3E-04 | -- |
| 24725 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.2 | Max | 6.6E+04 | -- | 3E-06 | -- |
| 24725 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 57 | Max | 2.9E+05 | -- | 2E-04 | -- |
| 24726 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 11 | Max | 7.2E+06 | -- | 2E-06 | -- |
| 24726 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1.2 | Max | 7.4E+06 | -- | 2E-07 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24726 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0021 | Max | 3.5E+05 | 1.4E+03 | 6E-09 | 2E-12 |
| 24726 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0029 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24726 MARBELLA AVE | Benzene | ug/kg | 3.236 | 95UCL | 5.8E+06 | 1.9E+04 | 6E-07 | 2E-10 |
| 24726 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.35 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24726 MARBELLA AVE | Cobalt | mg/kg | 7.601 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24726 MARBELLA AVE | Ethylbenzene | ug/kg | 1.262 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-09 | 3E-12 |
| 24726 MARBELLA AVE | Naphthalene | mg/kg | 0.012 | Max | 1.3E+04 | 3.5E+02 | 9E-07 | 4E-11 |
| 24726 MARBELLA AVE | Pyrene | mg/kg | 0.00176 | 95UCL | 1.5E+05 | -- | 1E-08 | -- |
| 24726 MARBELLA AVE | Toluene | ug/kg | 0.605 | 95UCL | 4.2E+08 | -- | 1E-09 | -- |
| 24726 MARBELLA AVE | TPH as Diesel | mg/kg | 15 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 24726 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.892 | 95UCL | 6.6E+04 | -- | 1E-05 | -- |
| 24726 MARBELLA AVE | TPH as Motor Oil | mg/kg | 18 | Max | 2.9E+05 | -- | 6E-05 | -- |
| 24726 MARBELLA AVE | Xylenes, Total | ug/kg | 3 | Max | 4.9E+07 | -- | 6E-08 | -- |
| 24726 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.14 | Max | 7.2E+06 | -- | 2E-08 | -- |
| 24726 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0102 | 95UCL | 2.0E+04 | -- | 5E-07 | -- |
| 24726 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 1.1E+05 | 3.0E+03 | 2E-06 | 6E-11 |
| 24726 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24726 RAVENNA AVE | Naphthalene | mg/kg | 0.0069 | Max | 1.3E+04 | 3.5E+02 | 5E-07 | 2E-11 |
| 24726 RAVENNA AVE | Pyrene | mg/kg | 0.0201 | 95UCL | 1.5E+05 | -- | 1E-07 | -- |
| 24726 RAVENNA AVE | TPH as Diesel | mg/kg | 35 | Max | 1.1E+05 | -- | 3E-04 | -- |
| 24726 RAVENNA AVE | TPH as Motor Oil | mg/kg | 85 | Max | 2.9E+05 | -- | 3E-04 | -- |
| 24726 RAVENNA AVE | Trichloroethene | ug/kg | 0.43 | Max | 5.0E+05 | 1.0E+05 | 9E-07 | 4E-12 |
| 24727 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 16 | Max | 7.2E+06 | -- | 2E-06 | -- |
| 24727 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1.7 | Max | 7.4E+06 | -- | 2E-07 | -- |
| 24727 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.12 | Max | 3.5E+05 | 1.4E+03 | 3E-07 | 9E-11 |
| 24727 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0959 | 95UCL | 2.0E+04 | -- | 5E-06 | -- |
| 24727 MARBELLA AVE | Benzene | ug/kg | 2.76 | 95UCL | 5.8E+06 | 1.9E+04 | 5E-07 | 1E-10 |
| 24727 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24727 MARBELLA AVE | Ethylbenzene | ug/kg | 1.5 | Max | 2.9E+08 | 4.2E+05 | 5E-09 | 4E-12 |
| 24727 MARBELLA AVE | Naphthalene | mg/kg | 0.083 | Max | 1.3E+04 | 3.5E+02 | 6E-06 | 2E-10 |
| 24727 MARBELLA AVE | Pyrene | mg/kg | 0.564 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 24727 MARBELLA AVE | Toluene | ug/kg | 0.481 | 95UCL | 4.2E+08 | -- | 1E-09 | -- |
| 24727 MARBELLA AVE | TPH as Diesel | mg/kg | 20.9 | 95UCL | 1.1E+05 | -- | 2E-04 | -- |
| 24727 MARBELLA AVE | TPH as Gasoline | mg/kg | 2.1 | Max | 6.6E+04 | -- | 3E-05 | -- |
| 24727 MARBELLA AVE | TPH as Motor Oil | mg/kg | 63.22 | 95UCL | 2.9E+05 | -- | 2E-04 | -- |
| 24728 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 33 | Max | 7.2E+06 | -- | 5E-06 | -- |
| 24728 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 11 | Max | 7.4E+06 | -- | 2E-06 | -- |
| 24728 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.86 | Max | 3.5E+05 | 1.4E+03 | 2E-06 | 6E-10 |
| 24728 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.2 | Max | 2.0E+04 | -- | 6E-05 | -- |
| 24728 NEPTUNE AVE | Benzene | ug/kg | 181.4 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-05 | 9E-09 |
| 24728 NEPTUNE AVE | Bromomethane | ug/kg | 2.8 | Max | 7.7E+05 | -- | 4E-06 | -- |
| 24728 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24728 NEPTUNE AVE | Ethylbenzene | ug/kg | 2000 | Max | 2.9E+08 | 4.2E+05 | 7E-06 | 5E-09 |
| 24728 NEPTUNE AVE | Naphthalene | mg/kg | 2.8 | Max | 1.3E+04 | 3.5E+02 | 2E-04 | 8E-09 |
| 24728 NEPTUNE AVE | Pyrene | mg/kg | 0.032 | Max | 1.5E+05 | -- | 2E-07 | -- |
| 24728 NEPTUNE AVE | Toluene | ug/kg | 0.34 | 95UCL | 4.2E+08 | -- | 8E-10 | -- |
| 24728 NEPTUNE AVE | TPH as Diesel | mg/kg | 680 | Max | 1.1E+05 | -- | 6E-03 | -- |
| 24728 NEPTUNE AVE | TPH as Gasoline | mg/kg | 520 | Max | 6.6E+04 | -- | 8E-03 | -- |
| 24728 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 840 | Max | 2.9E+05 | -- | 3E-03 | -- |
| 24728 NEPTUNE AVE | Xylenes, Total | ug/kg | 0.28 | Max | 4.9E+07 | -- | 6E-09 | -- |
| 24728 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.16 | Max | 7.2E+06 | -- | 2E-08 | -- |
| 24728 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.04 | Max | 3.5E+05 | 1.4E+03 | 1E-07 | 3E-11 |
| 24728 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.056 | Max | 2.0E+04 | -- | 3E-06 | -- |
| 24728 PANAMA AVE | Benzene | ug/kg | 0.18 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 9E-12 |
| 24728 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24728 PANAMA AVE | Naphthalene | mg/kg | 0.013 | Max | 1.3E+04 | 3.5E+02 | 1E-06 | 4E-11 |
| 24728 PANAMA AVE | Pyrene | mg/kg | 0.21 | Max | 1.5E+05 | -- | 1E-06 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24728 PANAMA AVE | Toluene | ug/kg | 0.67 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24728 PANAMA AVE | TPH as Diesel | mg/kg | 1500 | Max | 1.1E+05 | -- | 1E-02 | -- |
| 24728 PANAMA AVE | TPH as Gasoline | mg/kg | 0.15 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24728 PANAMA AVE | TPH as Motor Oil | mg/kg | 2200 | Max | 2.9E+05 | -- | 8E-03 | -- |
| 24729 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.26 | Max | 7.2E+06 | -- | 4E-08 | -- |
| 24729 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.002 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24729 NEPTUNE AVE | Benzene | ug/kg | 0.15 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 24729 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.484 | 95UCL | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24729 NEPTUNE AVE | Pyrene | mg/kg | 0.014 | Max | 1.5E+05 | -- | 9E-08 | -- |
| 24729 NEPTUNE AVE | Toluene | ug/kg | 0.81 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 24729 NEPTUNE AVE | TPH as Diesel | mg/kg | 65 | Max | 1.1E+05 | -- | 6E-04 | -- |
| 24729 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.074 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24729 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 120 | Max | 2.9E+05 | -- | 4E-04 | -- |
| 24729 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.02 | Max | 3.5E+05 | 1.4E+03 | 6E-08 | 2E-11 |
| 24729 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00498 | 95UCL | 2.0E+04 | -- | 3E-07 | -- |
| 24729 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24729 PANAMA AVE | Naphthalene | mg/kg | 0.0471 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-06 | 1E-10 |
| 24729 PANAMA AVE | Pyrene | mg/kg | 0.0134 | 95UCL | 1.5E+05 | -- | 9E-08 | -- |
| 24729 PANAMA AVE | TPH as Diesel | mg/kg | 30.02 | 95UCL | 1.1E+05 | -- | 3E-04 | -- |
| 24729 PANAMA AVE | TPH as Gasoline | mg/kg | 0.068 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24729 PANAMA AVE | TPH as Motor Oil | mg/kg | 77.77 | 95UCL | 2.9E+05 | -- | 3E-04 | -- |
| 24729 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.22 | Max | 7.2E+06 | -- | 3E-08 | -- |
| 24729 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0039 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 3E-12 |
| 24729 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0078 | Max | 2.0E+04 | -- | 4E-07 | -- |
| 24729 RAVENNA AVE | Naphthalene | mg/kg | 0.17 | Max | 1.3E+04 | 3.5E+02 | 1E-05 | 5E-10 |
| 24729 RAVENNA AVE | Pyrene | mg/kg | 0.0086 | Max | 1.5E+05 | -- | 6E-08 | -- |
| 24729 RAVENNA AVE | Toluene | ug/kg | 1.4 | Max | 4.2E+08 | -- | 3E-09 | -- |
| 24729 RAVENNA AVE | Xylenes, Total | ug/kg | 0.28 | Max | 4.9E+07 | -- | 6E-09 | -- |
| 24732 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 1.4 | Max | 7.2E+06 | -- | 2E-07 | -- |
| 24732 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.13 | Max | 7.4E+06 | -- | 2E-08 | -- |
| 24732 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.002 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24732 MARBELLA AVE | Benzene | ug/kg | 2.1 | Max | 5.8E+06 | 1.9E+04 | 4E-07 | 1E-10 |
| 24732 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.37 | 95UCL | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24732 MARBELLA AVE | Ethylbenzene | ug/kg | 1.4 | Max | 2.9E+08 | 4.2E+05 | 5E-09 | 3E-12 |
| 24732 MARBELLA AVE | Naphthalene | mg/kg | 0.025 | Max | 1.3E+04 | 3.5E+02 | 2E-06 | 7E-11 |
| 24732 MARBELLA AVE | Pyrene | mg/kg | 0.0036 | 95UCL | 1.5E+05 | -- | 2E-08 | -- |
| 24732 MARBELLA AVE | Toluene | ug/kg | 0.326 | 95UCL | 4.2E+08 | -- | 8E-10 | -- |
| 24732 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.25 | Max | 6.6E+04 | -- | 4E-06 | -- |
| 24732 MARBELLA AVE | Xylenes, Total | ug/kg | 0.75 | Max | 4.9E+07 | -- | 2E-08 | -- |
| 24732 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 37000 | Max | 7.2E+06 | -- | 5E-03 | -- |
| 24732 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 13000 | Max | 7.4E+06 | -- | 2E-03 | -- |
| 24732 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 39 | Max | 3.5E+05 | 1.4E+03 | 1E-04 | 3E-08 |
| 24732 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 63 | Max | 2.0E+04 | -- | 3E-03 | -- |
| 24732 NEPTUNE AVE | Benzene | ug/kg | 16000 | Max | 5.8E+06 | 1.9E+04 | 3E-03 | 8E-07 |
| 24732 NEPTUNE AVE | Ethylbenzene | ug/kg | 15000 | Max | 2.9E+08 | 4.2E+05 | 5E-05 | 4E-08 |
| 24732 NEPTUNE AVE | Naphthalene | mg/kg | 16 | Max | 1.3E+04 | 3.5E+02 | 1E-03 | 5E-08 |
| 24732 NEPTUNE AVE | Pyrene | mg/kg | 2.007 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |
| 24732 NEPTUNE AVE | Toluene | ug/kg | 50000 | Max | 4.2E+08 | -- | 1E-04 | -- |
| 24732 NEPTUNE AVE | TPH as Diesel | mg/kg | 31000 | Max | 1.1E+05 | -- | 3E-01 | -- |
| 24732 NEPTUNE AVE | TPH as Gasoline | mg/kg | 3600 | Max | 6.6E+04 | -- | 6E-02 | -- |
| 24732 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 40000 | Max | 2.9E+05 | -- | 1E-01 | -- |
| 24732 NEPTUNE AVE | Xylenes, Total | ug/kg | 100000 | Max | 4.9E+07 | -- | 2E-03 | -- |
| 24732 PANAMA AVE | 1,1,2,2-Tetrachloroethane | ug/kg | 0.1 | Max | 5.4E+07 | 4.1E+04 | 2E-09 | 2E-12 |
| 24732 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.11 | Max | 7.2E+06 | -- | 2E-08 | -- |
| 24732 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0082 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 6E-12 |
| 24732 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.017 | Max | 2.0E+04 | -- | 9E-07 | -- |
| 24732 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |

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**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24732 PANAMA AVE | Naphthalene | mg/kg | 0.0425 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-06 | 1E-10 |
| 24732 PANAMA AVE | Pyrene | mg/kg | 0.003 | 95UCL | 1.5E+05 | -- | 2E-08 | -- |
| 24732 PANAMA AVE | TPH as Diesel | mg/kg | 9.2 | Max | 1.1E+05 | -- | 8E-05 | -- |
| 24732 PANAMA AVE | TPH as Motor Oil | mg/kg | 23 | Max | 2.9E+05 | -- | 8E-05 | -- |
| 24732 PANAMA AVE | Xylenes, Total | ug/kg | 0.17 | Max | 4.9E+07 | -- | 4E-09 | -- |
| 24732 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 7.816 | 95UCL | 7.2E+06 | -- | 1E-06 | -- |
| 24732 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.64 | Max | 7.4E+06 | -- | 9E-08 | -- |
| 24732 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00615 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-08 | 5E-12 |
| 24732 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00703 | 95UCL | 2.0E+04 | -- | 4E-07 | -- |
| 24732 RAVENNA AVE | Benzene | ug/kg | 0.14 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 7E-12 |
| 24732 RAVENNA AVE | Ethylbenzene | ug/kg | 1.3 | Max | 2.9E+08 | 4.2E+05 | 5E-09 | 3E-12 |
| 24732 RAVENNA AVE | Naphthalene | mg/kg | 0.00859 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-07 | 3E-11 |
| 24732 RAVENNA AVE | Pyrene | mg/kg | 0.0076 | 95UCL | 1.5E+05 | -- | 5E-08 | -- |
| 24732 RAVENNA AVE | Toluene | ug/kg | 0.184 | 95UCL | 4.2E+08 | -- | 4E-10 | -- |
| 24732 RAVENNA AVE | TPH as Diesel | mg/kg | 280 | Max | 1.1E+05 | -- | 3E-03 | -- |
| 24732 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.124 | 95UCL | 6.6E+04 | -- | 2E-06 | -- |
| 24732 RAVENNA AVE | TPH as Motor Oil | mg/kg | 600 | Max | 2.9E+05 | -- | 2E-03 | -- |
| 24732 RAVENNA AVE | Xylenes, Total | ug/kg | 0.502 | 95UCL | 4.9E+07 | -- | 1E-08 | -- |
| 24733 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.041 | Max | 3.5E+05 | 1.4E+03 | 1E-07 | 3E-11 |
| 24733 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.051 | Max | 2.0E+04 | -- | 3E-06 | -- |
| 24733 MARBELLA AVE | Benzene | ug/kg | 2.4 | Max | 5.8E+06 | 1.9E+04 | 4E-07 | 1E-10 |
| 24733 MARBELLA AVE | Bromomethane | ug/kg | 1.6 | Max | 7.7E+05 | -- | 2E-06 | -- |
| 24733 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24733 MARBELLA AVE | Cobalt | mg/kg | 4.468 | 95UCL | 2.1E+03 | 2.7E+06 | 2E-03 | 2E-12 |
| 24733 MARBELLA AVE | Ethylbenzene | ug/kg | 0.34 | Max | 2.9E+08 | 4.2E+05 | 1E-09 | 8E-13 |
| 24733 MARBELLA AVE | Naphthalene | mg/kg | 0.016 | Max | 1.3E+04 | 3.5E+02 | 1E-06 | 5E-11 |
| 24733 MARBELLA AVE | Pyrene | mg/kg | 0.0065 | Max | 1.5E+05 | -- | 4E-08 | -- |
| 24733 MARBELLA AVE | Tetrachloroethene | ug/kg | 0.27 | Max | 7.5E+06 | 4.9E+04 | 4E-08 | 6E-12 |
| 24733 MARBELLA AVE | Toluene | ug/kg | 0.43 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24733 MARBELLA AVE | TPH as Diesel | mg/kg | 11 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 24733 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.2 | Max | 6.6E+04 | -- | 3E-06 | -- |
| 24733 MARBELLA AVE | TPH as Motor Oil | mg/kg | 44 | Max | 2.9E+05 | -- | 2E-04 | -- |
| 24733 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.13 | Max | 7.2E+06 | -- | 2E-08 | -- |
| 24733 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00719 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-08 | 5E-12 |
| 24733 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0255 | 95UCL | 2.0E+04 | -- | 1E-06 | -- |
| 24733 PANAMA AVE | Benzene | ug/kg | 0.446 | 95UCL | 5.8E+06 | 1.9E+04 | 8E-08 | 2E-11 |
| 24733 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24733 PANAMA AVE | Naphthalene | mg/kg | 0.0101 | 95UCL | 1.3E+04 | 3.5E+02 | 8E-07 | 3E-11 |
| 24733 PANAMA AVE | Pyrene | mg/kg | 0.102 | 95UCL | 1.5E+05 | -- | 7E-07 | -- |
| 24733 PANAMA AVE | Toluene | ug/kg | 1.483 | 95UCL | 4.2E+08 | -- | 4E-09 | -- |
| 24733 PANAMA AVE | TPH as Diesel | mg/kg | 53.64 | 95UCL | 1.1E+05 | -- | 5E-04 | -- |
| 24733 PANAMA AVE | TPH as Gasoline | mg/kg | 0.072 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24733 PANAMA AVE | TPH as Motor Oil | mg/kg | 135 | 95UCL | 2.9E+05 | -- | 5E-04 | -- |
| 24733 PANAMA AVE | Xylenes, Total | ug/kg | 0.17 | Max | 4.9E+07 | -- | 4E-09 | -- |
| 24733 RAVENNA AVE | 1,2,3-Trichloropropane | ug/kg | 0.73 | Max | 2.1E+05 | 1.9E+03 | 4E-06 | 4E-10 |
| 24733 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.32 | Max | 7.2E+06 | -- | 4E-08 | -- |
| 24733 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.14 | Max | 7.4E+06 | -- | 2E-08 | -- |
| 24733 RAVENNA AVE | Benzene | ug/kg | 0.22 | Max | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 24733 RAVENNA AVE | Bromomethane | ug/kg | 1.4 | Max | 7.7E+05 | -- | 2E-06 | -- |
| 24733 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24733 RAVENNA AVE | Naphthalene | mg/kg | 0.00433 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 24733 RAVENNA AVE | Pyrene | mg/kg | 0.00209 | 95UCL | 1.5E+05 | -- | 1E-08 | -- |
| 24733 RAVENNA AVE | Thallium | mg/kg | 0.47 | Max | 6.8E+01 | -- | 7E-03 | -- |
| 24733 RAVENNA AVE | Toluene | ug/kg | 1.982 | 95UCL | 4.2E+08 | -- | 5E-09 | -- |
| 24733 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.29 | Max | 6.6E+04 | -- | 4E-06 | -- |
| 24733 RAVENNA AVE | Xylenes, Total | ug/kg | 0.4 | Max | 4.9E+07 | -- | 8E-09 | -- |
| 24735 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.64 | Max | 7.2E+06 | -- | 9E-08 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24735 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.15 | Max | 7.4E+06 | -- | 2E-08 | -- |
| 24735 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0068 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 5E-12 |
| 24735 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00708 | 95UCL | 2.0E+04 | -- | 4E-07 | -- |
| 24735 NEPTUNE AVE | Benzene | ug/kg | 0.2 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 1E-11 |
| 24735 NEPTUNE AVE | Naphthalene | mg/kg | 0.00209 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-07 | 6E-12 |
| 24735 NEPTUNE AVE | Pyrene | mg/kg | 0.024 | 95UCL | 1.5E+05 | -- | 2E-07 | -- |
| 24735 NEPTUNE AVE | Toluene | ug/kg | 0.43 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24735 NEPTUNE AVE | TPH as Diesel | mg/kg | 10.63 | 95UCL | 1.1E+05 | -- | 1E-04 | -- |
| 24735 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.087 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24735 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 24.5 | 95UCL | 2.9E+05 | -- | 8E-05 | -- |
| 24736 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0013 | Max | 3.5E+05 | 1.4E+03 | 4E-09 | 1E-12 |
| 24736 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0022 | Max | 2.0E+04 | -- | 1E-07 | -- |
| 24736 MARBELLA AVE | Benzene | ug/kg | 2 | Max | 5.8E+06 | 1.9E+04 | 3E-07 | 1E-10 |
| 24736 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.302 | 95UCL | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24736 MARBELLA AVE | Cobalt | mg/kg | 6.865 | 95UCL | 2.1E+03 | 2.7E+06 | 3E-03 | 3E-12 |
| 24736 MARBELLA AVE | Ethylbenzene | ug/kg | 0.37 | Max | 2.9E+08 | 4.2E+05 | 1E-09 | 9E-13 |
| 24736 MARBELLA AVE | Naphthalene | mg/kg | 0.016 | Max | 1.3E+04 | 3.5E+02 | 1E-06 | 5E-11 |
| 24736 MARBELLA AVE | Pyrene | mg/kg | 0.0576 | 95UCL | 1.5E+05 | -- | 4E-07 | -- |
| 24736 MARBELLA AVE | Toluene | ug/kg | 0.231 | 95UCL | 4.2E+08 | -- | 6E-10 | -- |
| 24736 MARBELLA AVE | TPH as Diesel | mg/kg | 11 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 24736 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.078 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24736 MARBELLA AVE | TPH as Motor Oil | mg/kg | 15 | Max | 2.9E+05 | -- | 5E-05 | -- |
| 24736 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 2354 | 95UCL | 7.2E+06 | -- | 3E-04 | -- |
| 24736 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 720.2 | 95UCL | 7.4E+06 | -- | 1E-04 | -- |
| 24736 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 18.45 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24736 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 27.85 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24736 RAVENNA AVE | Benzene | ug/kg | 344.1 | 95UCL | 5.8E+06 | 1.9E+04 | 6E-05 | 2E-08 |
| 24736 RAVENNA AVE | Ethylbenzene | ug/kg | 2101 | 95UCL | 2.9E+08 | 4.2E+05 | 7E-06 | 5E-09 |
| 24736 RAVENNA AVE | Naphthalene | mg/kg | 6.842 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-04 | 2E-08 |
| 24736 RAVENNA AVE | Pyrene | mg/kg | 3.102 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24736 RAVENNA AVE | Toluene | ug/kg | 24.73 | 95UCL | 4.2E+08 | -- | 6E-08 | -- |
| 24736 RAVENNA AVE | TPH as Diesel | mg/kg | 9952 | 95UCL | 1.1E+05 | -- | 9E-02 | -- |
| 24736 RAVENNA AVE | TPH as Gasoline | mg/kg | 670 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24736 RAVENNA AVE | TPH as Motor Oil | mg/kg | 10973 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24736 RAVENNA AVE | Xylenes, Total | ug/kg | 727.2 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24737 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.92 | Max | 7.2E+06 | -- | 1E-07 | -- |
| 24737 MARBELLA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.1 | Max | 7.4E+06 | -- | 1E-08 | -- |
| 24737 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 1.4 | Max | 3.5E+05 | 1.4E+03 | 4E-06 | 1E-09 |
| 24737 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.52 | Max | 2.0E+04 | -- | 3E-05 | -- |
| 24737 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.48 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24737 MARBELLA AVE | Ethylbenzene | ug/kg | 1.8 | Max | 2.9E+08 | 4.2E+05 | 6E-09 | 4E-12 |
| 24737 MARBELLA AVE | Naphthalene | mg/kg | 0.28 | Max | 1.3E+04 | 3.5E+02 | 2E-05 | 8E-10 |
| 24737 MARBELLA AVE | Pyrene | mg/kg | 0.2 | Max | 1.5E+05 | -- | 1E-06 | -- |
| 24737 MARBELLA AVE | Tetrachloroethene | ug/kg | 0.16 | Max | 7.5E+06 | 4.9E+04 | 2E-08 | 3E-12 |
| 24737 MARBELLA AVE | Toluene | ug/kg | 0.43 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24737 MARBELLA AVE | TPH as Diesel | mg/kg | 13000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24737 MARBELLA AVE | TPH as Gasoline | mg/kg | 470 | Max | 6.6E+04 | -- | 7E-03 | -- |
| 24737 MARBELLA AVE | TPH as Motor Oil | mg/kg | 17000 | Max | 2.9E+05 | -- | 6E-02 | -- |
| 24737 MARBELLA AVE | Xylenes, Total | ug/kg | 2 | Max | 4.9E+07 | -- | 4E-08 | -- |
| 24738 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 23475 | 95UCL | 7.2E+06 | -- | 3E-03 | -- |
| 24738 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 9168 | 95UCL | 7.4E+06 | -- | 1E-03 | -- |
| 24738 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 17.64 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24738 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 25.86 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24738 NEPTUNE AVE | Benzene | ug/kg | 8121 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-03 | 4E-07 |
| 24738 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24738 NEPTUNE AVE | Ethylbenzene | ug/kg | 9551 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-05 | 2E-08 |
| 24738 NEPTUNE AVE | Naphthalene | mg/kg | 8.388 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-04 | 2E-08 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24738 NEPTUNE AVE | Pyrene | mg/kg | 4.37 | 95UCL | 1.5E+05 | -- | 3E-05 | -- |
| 24738 NEPTUNE AVE | Toluene | ug/kg | 23662 | 95UCL | 4.2E+08 | -- | 6E-05 | -- |
| 24738 NEPTUNE AVE | TPH as Diesel | mg/kg | 10817 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24738 NEPTUNE AVE | TPH as Gasoline | mg/kg | 4551 | 95UCL | 6.6E+04 | -- | 7E-02 | -- |
| 24738 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 12108 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |
| 24738 NEPTUNE AVE | Xylenes, Total | ug/kg | 54345 | 95UCL | 4.9E+07 | -- | 1E-03 | -- |
| 24738 PANAMA AVE | 1,1,2,2-Tetrachloroethane | ug/kg | 0.27 | Max | 5.4E+07 | 4.1E+04 | 5E-09 | 7E-12 |
| 24738 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.15 | Max | 7.2E+06 | -- | 2E-08 | -- |
| 24738 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0048 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 4E-12 |
| 24738 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.011 | Max | 2.0E+04 | -- | 6E-07 | -- |
| 24738 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24738 PANAMA AVE | Naphthalene | mg/kg | 0.0046 | Max | 1.3E+04 | 3.5E+02 | 4E-07 | 1E-11 |
| 24738 PANAMA AVE | Pyrene | mg/kg | 0.065 | Max | 1.5E+05 | -- | 4E-07 | -- |
| 24738 PANAMA AVE | TPH as Diesel | mg/kg | 110 | Max | 1.1E+05 | -- | 1E-03 | -- |
| 24738 PANAMA AVE | TPH as Gasoline | mg/kg | 0.064 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24738 PANAMA AVE | TPH as Motor Oil | mg/kg | 210 | Max | 2.9E+05 | -- | 7E-04 | -- |
| 24739 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.21 | Max | 7.2E+06 | -- | 3E-08 | -- |
| 24739 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0066 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 5E-12 |
| 24739 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00464 | 95UCL | 2.0E+04 | -- | 2E-07 | -- |
| 24739 NEPTUNE AVE | Benzene | ug/kg | 0.17 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 9E-12 |
| 24739 NEPTUNE AVE | Bromomethane | ug/kg | 2 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 24739 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24739 NEPTUNE AVE | Naphthalene | mg/kg | 0.0097 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-07 | 3E-11 |
| 24739 NEPTUNE AVE | Pyrene | mg/kg | 0.0125 | 95UCL | 1.5E+05 | -- | 8E-08 | -- |
| 24739 NEPTUNE AVE | Toluene | ug/kg | 0.24 | Max | 4.2E+08 | -- | 6E-10 | -- |
| 24739 NEPTUNE AVE | TPH as Diesel | mg/kg | 10 | Max | 1.1E+05 | -- | 9E-05 | -- |
| 24739 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.093 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 24739 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 30 | Max | 2.9E+05 | -- | 1E-04 | -- |
| 24739 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 4951 | 95UCL | 7.2E+06 | -- | 7E-04 | -- |
| 24739 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1443 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 24739 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 9.764 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-05 | 7E-09 |
| 24739 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 14.17 | 95UCL | 2.0E+04 | -- | 7E-04 | -- |
| 24739 PANAMA AVE | Benzene | ug/kg | 369.2 | 95UCL | 5.8E+06 | 1.9E+04 | 6E-05 | 2E-08 |
| 24739 PANAMA AVE | Bromomethane | ug/kg | 2.1 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 24739 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.36 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24739 PANAMA AVE | Ethylbenzene | ug/kg | 2318 | 95UCL | 2.9E+08 | 4.2E+05 | 8E-06 | 6E-09 |
| 24739 PANAMA AVE | Methylene Chloride | ug/kg | 7.1 | Max | 3.2E+07 | 4.7E+05 | 2E-07 | 2E-11 |
| 24739 PANAMA AVE | Naphthalene | mg/kg | 13 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |
| 24739 PANAMA AVE | Pyrene | mg/kg | 1.186 | 95UCL | 1.5E+05 | -- | 8E-06 | -- |
| 24739 PANAMA AVE | Toluene | ug/kg | 93.15 | 95UCL | 4.2E+08 | -- | 2E-07 | -- |
| 24739 PANAMA AVE | TPH as Diesel | mg/kg | 10115 | 95UCL | 1.1E+05 | -- | 9E-02 | -- |
| 24739 PANAMA AVE | TPH as Gasoline | mg/kg | 1381 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 24739 PANAMA AVE | TPH as Motor Oil | mg/kg | 22391 | 95UCL | 2.9E+05 | -- | 8E-02 | -- |
| 24739 PANAMA AVE | Xylenes, Total | ug/kg | 5000 | 95UCL | 4.9E+07 | -- | 1E-04 | -- |
| 24739 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 34000 | 95UCL | 7.2E+06 | -- | 5E-03 | -- |
| 24739 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 8136 | 95UCL | 7.4E+06 | -- | 1E-03 | -- |
| 24739 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 30.22 | 95UCL | 3.5E+05 | 1.4E+03 | 9E-05 | 2E-08 |
| 24739 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 49.28 | 95UCL | 2.0E+04 | -- | 3E-03 | -- |
| 24739 RAVENNA AVE | Benzene | ug/kg | 5330 | 95UCL | 5.8E+06 | 1.9E+04 | 9E-04 | 3E-07 |
| 24739 RAVENNA AVE | Bromomethane | ug/kg | 270 | Max | 7.7E+05 | -- | 4E-04 | -- |
| 24739 RAVENNA AVE | Ethylbenzene | ug/kg | 8990 | 95UCL | 2.9E+08 | 4.2E+05 | 3E-05 | 2E-08 |
| 24739 RAVENNA AVE | Naphthalene | mg/kg | 18.93 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 6E-08 |
| 24739 RAVENNA AVE | Pyrene | mg/kg | 5.3 | 95UCL | 1.5E+05 | -- | 4E-05 | -- |
| 24739 RAVENNA AVE | Toluene | ug/kg | 13782 | 95UCL | 4.2E+08 | -- | 3E-05 | -- |
| 24739 RAVENNA AVE | TPH as Diesel | mg/kg | 12690 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24739 RAVENNA AVE | TPH as Gasoline | mg/kg | 1902 | 95UCL | 6.6E+04 | -- | 3E-02 | -- |
| 24739 RAVENNA AVE | TPH as Motor Oil | mg/kg | 11550 | 95UCL | 2.9E+05 | -- | 4E-02 | -- |

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**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24739 RAVENNA AVE | Xylenes, Total | ug/kg | 73161 | 95UCL | 4.9E+07 | -- | 2E-03 | -- |
| 24740 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00636 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-08 | 5E-12 |
| 24740 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00991 | 95UCL | 2.0E+04 | -- | 5E-07 | -- |
| 24740 MARBELLA AVE | Benzene | ug/kg | 0.193 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-08 | 1E-11 |
| 24740 MARBELLA AVE | Bromomethane | ug/kg | 4 | Max | 7.7E+05 | -- | 5E-06 | -- |
| 24740 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.454 | 95UCL | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24740 MARBELLA AVE | Naphthalene | mg/kg | 0.00697 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-07 | 2E-11 |
| 24740 MARBELLA AVE | Pyrene | mg/kg | 0.0113 | 95UCL | 1.5E+05 | -- | 8E-08 | -- |
| 24740 MARBELLA AVE | Tetrachloroethene | ug/kg | 0.47 | Max | 7.5E+06 | 4.9E+04 | 6E-08 | 1E-11 |
| 24740 MARBELLA AVE | Toluene | ug/kg | 0.245 | 95UCL | 4.2E+08 | -- | 6E-10 | -- |
| 24740 MARBELLA AVE | TPH as Diesel | mg/kg | 530 | Max | 1.1E+05 | -- | 5E-03 | -- |
| 24740 MARBELLA AVE | TPH as Gasoline | mg/kg | 110 | Max | 6.6E+04 | -- | 2E-03 | -- |
| 24740 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1200 | Max | 2.9E+05 | -- | 4E-03 | -- |
| 24740 MARBELLA AVE | Xylenes, Total | ug/kg | 0.28 | Max | 4.9E+07 | -- | 6E-09 | -- |
| 24741 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0049 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 4E-12 |
| 24741 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.01 | Max | 2.0E+04 | -- | 5E-07 | -- |
| 24741 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.23 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24741 MARBELLA AVE | Naphthalene | mg/kg | 0.0031 | Max | 1.3E+04 | 3.5E+02 | 2E-07 | 9E-12 |
| 24741 MARBELLA AVE | Pyrene | mg/kg | 0.0008 | Max | 1.5E+05 | -- | 5E-09 | -- |
| 24741 MARBELLA AVE | Toluene | ug/kg | 0.19 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24743 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 5757 | 95UCL | 7.2E+06 | -- | 8E-04 | -- |
| 24743 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 2294 | 95UCL | 7.4E+06 | -- | 3E-04 | -- |
| 24743 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 18.37 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24743 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 28.19 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24743 RAVENNA AVE | Benzene | ug/kg | 3133 | 95UCL | 5.8E+06 | 1.9E+04 | 5E-04 | 2E-07 |
| 24743 RAVENNA AVE | Bromomethane | ug/kg | 160 | Max | 7.7E+05 | -- | 2E-04 | -- |
| 24743 RAVENNA AVE | Ethylbenzene | ug/kg | 2328 | 95UCL | 2.9E+08 | 4.2E+05 | 8E-06 | 6E-09 |
| 24743 RAVENNA AVE | Naphthalene | mg/kg | 9.43 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24743 RAVENNA AVE | Pyrene | mg/kg | 3.761 | 95UCL | 1.5E+05 | -- | 3E-05 | -- |
| 24743 RAVENNA AVE | Toluene | ug/kg | 2140 | 95UCL | 4.2E+08 | -- | 5E-06 | -- |
| 24743 RAVENNA AVE | TPH as Diesel | mg/kg | 11768 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24743 RAVENNA AVE | TPH as Gasoline | mg/kg | 516.8 | 95UCL | 6.6E+04 | -- | 8E-03 | -- |
| 24743 RAVENNA AVE | TPH as Motor Oil | mg/kg | 17767 | 95UCL | 2.9E+05 | -- | 6E-02 | -- |
| 24743 RAVENNA AVE | Xylenes, Total | ug/kg | 9883 | 95UCL | 4.9E+07 | -- | 2E-04 | -- |
| 24744 MARBELLA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.28 | Max | 7.2E+06 | -- | 4E-08 | -- |
| 24744 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0043 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 3E-12 |
| 24744 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0056 | Max | 2.0E+04 | -- | 3E-07 | -- |
| 24744 MARBELLA AVE | Benzene | ug/kg | 0.15 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 24744 MARBELLA AVE | Bromomethane | ug/kg | 2.3 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 24744 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.36 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24744 MARBELLA AVE | Naphthalene | mg/kg | 0.0035 | Max | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 24744 MARBELLA AVE | Pyrene | mg/kg | 0.0047 | Max | 1.5E+05 | -- | 3E-08 | -- |
| 24744 MARBELLA AVE | Tetrachloroethene | ug/kg | 1.9 | Max | 7.5E+06 | 4.9E+04 | 3E-07 | 4E-11 |
| 24744 MARBELLA AVE | Toluene | ug/kg | 0.21 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24744 MARBELLA AVE | TPH as Diesel | mg/kg | 59 | Max | 1.1E+05 | -- | 5E-04 | -- |
| 24744 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.12 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24744 MARBELLA AVE | TPH as Motor Oil | mg/kg | 150 | Max | 2.9E+05 | -- | 5E-04 | -- |
| 24744 MARBELLA AVE | Trichloroethene | ug/kg | 0.91 | Max | 5.0E+05 | 1.0E+05 | 2E-06 | 9E-12 |
| 24748 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 700 | Max | 7.2E+06 | -- | 1E-04 | -- |
| 24748 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 200 | Max | 7.4E+06 | -- | 3E-05 | -- |
| 24748 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 4.2 | Max | 3.5E+05 | 1.4E+03 | 1E-05 | 3E-09 |
| 24748 RAVENNA AVE | 2,4-Dinitrotoluene | mg/kg | 0.074 | Max | 1.1E+04 | 1.4E+02 | 7E-06 | 5E-10 |
| 24748 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 5.1 | Max | 2.0E+04 | -- | 3E-04 | -- |
| 24748 RAVENNA AVE | Benzene | ug/kg | 51 | Max | 5.8E+06 | 1.9E+04 | 9E-06 | 3E-09 |
| 24748 RAVENNA AVE | Ethylbenzene | ug/kg | 330 | Max | 2.9E+08 | 4.2E+05 | 1E-06 | 8E-10 |
| 24748 RAVENNA AVE | Naphthalene | mg/kg | 1.7 | Max | 1.3E+04 | 3.5E+02 | 1E-04 | 5E-09 |
| 24748 RAVENNA AVE | Pyrene | mg/kg | 1.6 | Max | 1.5E+05 | -- | 1E-05 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24748 RAVENNA AVE | Toluene | ug/kg | 14 | Max | 4.2E+08 | -- | 3E-08 | -- |
| 24748 RAVENNA AVE | TPH as Diesel | mg/kg | 4100 | Max | 1.1E+05 | -- | 4E-02 | -- |
| 24748 RAVENNA AVE | TPH as Gasoline | mg/kg | 360 | Max | 6.6E+04 | -- | 6E-03 | -- |
| 24748 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4500 | Max | 2.9E+05 | -- | 2E-02 | -- |
| 24748 RAVENNA AVE | Xylenes, Total | ug/kg | 910 | Max | 4.9E+07 | -- | 2E-05 | -- |
| 24749 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 2760 | 95UCL | 7.2E+06 | -- | 4E-04 | -- |
| 24749 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 384 | 95UCL | 7.4E+06 | -- | 5E-05 | -- |
| 24749 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 15.43 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-05 | 1E-08 |
| 24749 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 31 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24749 RAVENNA AVE | Benzene | ug/kg | 719 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24749 RAVENNA AVE | Ethylbenzene | ug/kg | 1817 | 95UCL | 2.9E+08 | 4.2E+05 | 6E-06 | 4E-09 |
| 24749 RAVENNA AVE | Naphthalene | mg/kg | 7.41 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-04 | 2E-08 |
| 24749 RAVENNA AVE | Pyrene | mg/kg | 4.755 | 95UCL | 1.5E+05 | -- | 3E-05 | -- |
| 24749 RAVENNA AVE | Toluene | ug/kg | 0.2 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24749 RAVENNA AVE | TPH as Diesel | mg/kg | 14792 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24749 RAVENNA AVE | TPH as Gasoline | mg/kg | 475.8 | 95UCL | 6.6E+04 | -- | 7E-03 | -- |
| 24749 RAVENNA AVE | TPH as Motor Oil | mg/kg | 17460 | 95UCL | 2.9E+05 | -- | 6E-02 | -- |
| 24749 RAVENNA AVE | Xylenes, Total | ug/kg | 679 | 95UCL | 4.9E+07 | -- | 1E-05 | -- |
| 24752 RAVENNA AVE | 1,2,4-Trimethylbenzene | ug/kg | 4100 | 95UCL | 7.2E+06 | -- | 6E-04 | -- |
| 24752 RAVENNA AVE | 1,3,5-Trimethylbenzene | ug/kg | 383.3 | 95UCL | 7.4E+06 | -- | 5E-05 | -- |
| 24752 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 4.164 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-05 | 3E-09 |
| 24752 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 6.231 | 95UCL | 2.0E+04 | -- | 3E-04 | -- |
| 24752 RAVENNA AVE | Benzene | ug/kg | 41.46 | 95UCL | 5.8E+06 | 1.9E+04 | 7E-06 | 2E-09 |
| 24752 RAVENNA AVE | Ethylbenzene | ug/kg | 1471 | 95UCL | 2.9E+08 | 4.2E+05 | 5E-06 | 4E-09 |
| 24752 RAVENNA AVE | Naphthalene | mg/kg | 4.011 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-04 | 1E-08 |
| 24752 RAVENNA AVE | Pyrene | mg/kg | 0.6 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 24752 RAVENNA AVE | Toluene | ug/kg | 7.883 | 95UCL | 4.2E+08 | -- | 2E-08 | -- |
| 24752 RAVENNA AVE | TPH as Diesel | mg/kg | 3531 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 24752 RAVENNA AVE | TPH as Gasoline | mg/kg | 798.9 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 24752 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3843 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24752 RAVENNA AVE | Xylenes, Total | ug/kg | 940.3 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24802 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.72 | Max | 7.2E+06 | -- | 1E-07 | -- |
| 24802 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.12 | Max | 7.4E+06 | -- | 2E-08 | -- |
| 24802 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0011 | Max | 3.5E+05 | 1.4E+03 | 3E-09 | 8E-13 |
| 24802 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00178 | 95UCL | 2.0E+04 | -- | 9E-08 | -- |
| 24802 PANAMA AVE | Benzene | ug/kg | 0.18 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 9E-12 |
| 24802 PANAMA AVE | Bromomethane | ug/kg | 1.8 | Max | 7.7E+05 | -- | 2E-06 | -- |
| 24802 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.374 | 95UCL | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24802 PANAMA AVE | Ethylbenzene | ug/kg | 0.17 | Max | 2.9E+08 | 4.2E+05 | 6E-10 | 4E-13 |
| 24802 PANAMA AVE | Naphthalene | mg/kg | 0.00163 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-07 | 5E-12 |
| 24802 PANAMA AVE | Pyrene | mg/kg | 0.0121 | 95UCL | 1.5E+05 | -- | 8E-08 | -- |
| 24802 PANAMA AVE | Toluene | ug/kg | 0.19 | Max | 4.2E+08 | -- | 5E-10 | -- |
| 24802 PANAMA AVE | TPH as Diesel | mg/kg | 130 | Max | 1.1E+05 | -- | 1E-03 | -- |
| 24802 PANAMA AVE | TPH as Gasoline | mg/kg | 0.12 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24802 PANAMA AVE | TPH as Motor Oil | mg/kg | 250 | Max | 2.9E+05 | -- | 9E-04 | -- |
| 24802 PANAMA AVE | Xylenes, Total | ug/kg | 0.78 | Max | 4.9E+07 | -- | 2E-08 | -- |
| 24803 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.28 | Max | 7.2E+06 | -- | 4E-08 | -- |
| 24803 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0018 | Max | 3.5E+05 | 1.4E+03 | 5E-09 | 1E-12 |
| 24803 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00211 | 95UCL | 2.0E+04 | -- | 1E-07 | -- |
| 24803 NEPTUNE AVE | Benzene | ug/kg | 0.15 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 24803 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.27 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24803 NEPTUNE AVE | Naphthalene | mg/kg | 0.0025 | Max | 1.3E+04 | 3.5E+02 | 2E-07 | 7E-12 |
| 24803 NEPTUNE AVE | Pyrene | mg/kg | 0.00607 | 95UCL | 1.5E+05 | -- | 4E-08 | -- |
| 24803 NEPTUNE AVE | Toluene | ug/kg | 0.13 | Max | 4.2E+08 | -- | 3E-10 | -- |
| 24803 NEPTUNE AVE | TPH as Diesel | mg/kg | 57.66 | 95UCL | 1.1E+05 | -- | 5E-04 | -- |
| 24803 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 70.21 | 95UCL | 2.9E+05 | -- | 2E-04 | -- |
| 24803 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 6900 | Max | 7.2E+06 | -- | 1E-03 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24803 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 380 | Max | 7.4E+06 | -- | 5E-05 | -- |
| 24803 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 6.7 | Max | 3.5E+05 | 1.4E+03 | 2E-05 | 5E-09 |
| 24803 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 11 | Max | 2.0E+04 | -- | 6E-04 | -- |
| 24803 PANAMA AVE | Benzene | ug/kg | 670 | Max | 5.8E+06 | 1.9E+04 | 1E-04 | 4E-08 |
| 24803 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24803 PANAMA AVE | Ethylbenzene | ug/kg | 2400 | Max | 2.9E+08 | 4.2E+05 | 8E-06 | 6E-09 |
| 24803 PANAMA AVE | Naphthalene | mg/kg | 6.8 | Max | 1.3E+04 | 3.5E+02 | 5E-04 | 2E-08 |
| 24803 PANAMA AVE | Pyrene | mg/kg | 0.62 | Max | 1.5E+05 | -- | 4E-06 | -- |
| 24803 PANAMA AVE | TPH as Diesel | mg/kg | 3300 | Max | 1.1E+05 | -- | 3E-02 | -- |
| 24803 PANAMA AVE | TPH as Gasoline | mg/kg | 770 | Max | 6.6E+04 | -- | 1E-02 | -- |
| 24803 PANAMA AVE | TPH as Motor Oil | mg/kg | 3300 | Max | 2.9E+05 | -- | 1E-02 | -- |
| 24803 PANAMA AVE | Xylenes, Total | ug/kg | 2000 | Max | 4.9E+07 | -- | 4E-05 | -- |
| 24808 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0017 | Max | 2.0E+04 | -- | 9E-08 | -- |
| 24808 PANAMA AVE | Benzene | ug/kg | 0.88 | Max | 5.8E+06 | 1.9E+04 | 2E-07 | 5E-11 |
| 24808 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.84 | Max | 2.1E+04 | 1.1E+02 | 4E-05 | 8E-09 |
| 24808 PANAMA AVE | Cobalt | mg/kg | 10.9 | Max | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 24808 PANAMA AVE | Copper | mg/kg | 10.1 | Max | 2.7E+05 | -- | 4E-05 | -- |
| 24808 PANAMA AVE | Lead | mg/kg | 5.27 | Max | -- | -- | -- | -- |
| 24808 PANAMA AVE | Naphthalene | mg/kg | 0.0035 | Max | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 24808 PANAMA AVE | Pyrene | mg/kg | 0.0065 | Max | 1.5E+05 | -- | 4E-08 | -- |
| 24808 PANAMA AVE | TPH as Gasoline | mg/kg | 0.053 | Max | 6.6E+04 | -- | 8E-07 | -- |
| 24808 PANAMA AVE | TPH as Motor Oil | mg/kg | 13 | Max | 2.9E+05 | -- | 5E-05 | -- |
| 24808 PANAMA AVE | Vanadium | mg/kg | 36.2 | Max | 3.4E+04 | -- | 1E-03 | -- |
| 24808 PANAMA AVE | Zinc | mg/kg | 36.7 | Max | 2.1E+06 | -- | 2E-05 | -- |
| 24809 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.65 | Max | 7.2E+06 | -- | 9E-08 | -- |
| 24809 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.8 | Max | 3.5E+05 | 1.4E+03 | 5E-06 | 1E-09 |
| 24809 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0508 | 95UCL | 2.0E+04 | -- | 3E-06 | -- |
| 24809 NEPTUNE AVE | Benzene | ug/kg | 0.11 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 6E-12 |
| 24809 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.4 | Max | 1.1E+05 | 3.0E+03 | 1E-05 | 5E-10 |
| 24809 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24809 NEPTUNE AVE | Naphthalene | mg/kg | 0.0753 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-06 | 2E-10 |
| 24809 NEPTUNE AVE | Pyrene | mg/kg | 2 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |
| 24809 NEPTUNE AVE | Toluene | ug/kg | 6 | Max | 4.2E+08 | -- | 1E-08 | -- |
| 24809 NEPTUNE AVE | TPH as Diesel | mg/kg | 8100 | Max | 1.1E+05 | -- | 7E-02 | -- |
| 24809 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.151 | 95UCL | 6.6E+04 | -- | 2E-06 | -- |
| 24809 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3963 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24809 NEPTUNE AVE | Xylenes, Total | ug/kg | 0.53 | Max | 4.9E+07 | -- | 1E-08 | -- |
| 24809 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 20290 | 95UCL | 7.2E+06 | -- | 3E-03 | -- |
| 24809 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 2676 | 95UCL | 7.4E+06 | -- | 4E-04 | -- |
| 24809 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 20.97 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-05 | 2E-08 |
| 24809 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 42.29 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 24809 PANAMA AVE | Benzene | ug/kg | 3356 | 95UCL | 5.8E+06 | 1.9E+04 | 6E-04 | 2E-07 |
| 24809 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.088 | Max | 2.1E+04 | 1.1E+02 | 4E-06 | 8E-10 |
| 24809 PANAMA AVE | Ethylbenzene | ug/kg | 6557 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 2E-08 |
| 24809 PANAMA AVE | Naphthalene | mg/kg | 13.97 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |
| 24809 PANAMA AVE | Pyrene | mg/kg | 1.71 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |
| 24809 PANAMA AVE | Toluene | ug/kg | 12 | Max | 4.2E+08 | -- | 3E-08 | -- |
| 24809 PANAMA AVE | TPH as Diesel | mg/kg | 4701 | 95UCL | 1.1E+05 | -- | 4E-02 | -- |
| 24809 PANAMA AVE | TPH as Gasoline | mg/kg | 1643 | 95UCL | 6.6E+04 | -- | 3E-02 | -- |
| 24809 PANAMA AVE | TPH as Motor Oil | mg/kg | 3613 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24809 PANAMA AVE | Xylenes, Total | ug/kg | 9152 | 95UCL | 4.9E+07 | -- | 2E-04 | -- |
| 24812 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0056 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 4E-12 |
| 24812 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.012 | Max | 2.0E+04 | -- | 6E-07 | -- |
| 24812 PANAMA AVE | Bromomethane | ug/kg | 1.8 | Max | 7.7E+05 | -- | 2E-06 | -- |
| 24812 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 24812 PANAMA AVE | Naphthalene | mg/kg | 0.0056 | Max | 1.3E+04 | 3.5E+02 | 4E-07 | 2E-11 |
| 24812 PANAMA AVE | Pyrene | mg/kg | 0.045 | Max | 1.5E+05 | -- | 3E-07 | -- |

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**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24812 PANAMA AVE | TPH as Diesel | mg/kg | 27 | Max | 1.1E+05 | -- | 3E-04 | -- |
| 24812 PANAMA AVE | TPH as Motor Oil | mg/kg | 37 | Max | 2.9E+05 | -- | 1E-04 | -- |
| 24813 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 2300 | Max | 7.2E+06 | -- | 3E-04 | -- |
| 24813 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 390 | Max | 7.4E+06 | -- | 5E-05 | -- |
| 24813 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 28 | Max | 3.5E+05 | 1.4E+03 | 8E-05 | 2E-08 |
| 24813 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 42 | Max | 2.0E+04 | -- | 2E-03 | -- |
| 24813 PANAMA AVE | Benzene | ug/kg | 390 | Max | 5.8E+06 | 1.9E+04 | 7E-05 | 2E-08 |
| 24813 PANAMA AVE | Cobalt | mg/kg | 8.33 | Max | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 24813 PANAMA AVE | Ethylbenzene | ug/kg | 860 | Max | 2.9E+08 | 4.2E+05 | 3E-06 | 2E-09 |
| 24813 PANAMA AVE | Naphthalene | mg/kg | 16 | Max | 1.3E+04 | 3.5E+02 | 1E-03 | 5E-08 |
| 24813 PANAMA AVE | Pyrene | mg/kg | 2.7 | Max | 1.5E+05 | -- | 2E-05 | -- |
| 24813 PANAMA AVE | TPH as Diesel | mg/kg | 12000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 24813 PANAMA AVE | TPH as Gasoline | mg/kg | 280 | Max | 6.6E+04 | -- | 4E-03 | -- |
| 24813 PANAMA AVE | TPH as Motor Oil | mg/kg | 13000 | Max | 2.9E+05 | -- | 5E-02 | -- |
| 24813 PANAMA AVE | Xylenes, Total | ug/kg | 1200 | Max | 4.9E+07 | -- | 3E-05 | -- |
| 24815 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.41 | Max | 7.2E+06 | -- | 6E-08 | -- |
| 24815 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.11 | Max | 7.4E+06 | -- | 2E-08 | -- |
| 24815 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.198 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-07 | 1E-10 |
| 24815 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.092 | 95UCL | 2.0E+04 | -- | 5E-06 | -- |
| 24815 NEPTUNE AVE | Naphthalene | mg/kg | 0.198 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-05 | 6E-10 |
| 24815 NEPTUNE AVE | Pyrene | mg/kg | 0.177 | 95UCL | 1.5E+05 | -- | 1E-06 | -- |
| 24815 NEPTUNE AVE | Toluene | ug/kg | 17 | Max | 4.2E+08 | -- | 4E-08 | -- |
| 24815 NEPTUNE AVE | TPH as Diesel | mg/kg | 855 | 95UCL | 1.1E+05 | -- | 8E-03 | -- |
| 24815 NEPTUNE AVE | TPH as Gasoline | mg/kg | 3.062 | 95UCL | 6.6E+04 | -- | 5E-05 | -- |
| 24815 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 470 | 95UCL | 2.9E+05 | -- | 2E-03 | -- |
| 24815 NEPTUNE AVE | Xylenes, Total | ug/kg | 0.17 | Max | 4.9E+07 | -- | 4E-09 | -- |
| 24818 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.17 | Max | 7.2E+06 | -- | 2E-08 | -- |
| 24818 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0033 | Max | 3.5E+05 | 1.4E+03 | 9E-09 | 2E-12 |
| 24818 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0095 | Max | 2.0E+04 | -- | 5E-07 | -- |
| 24818 PANAMA AVE | Benzene | ug/kg | 0.22 | Max | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 24818 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.29 | Max | 1.1E+05 | 3.0E+03 | 3E-06 | 1E-10 |
| 24818 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 24818 PANAMA AVE | Naphthalene | mg/kg | 0.0049 | Max | 1.3E+04 | 3.5E+02 | 4E-07 | 1E-11 |
| 24818 PANAMA AVE | Pyrene | mg/kg | 0.016 | Max | 1.5E+05 | -- | 1E-07 | -- |
| 24818 PANAMA AVE | Toluene | ug/kg | 0.24 | Max | 4.2E+08 | -- | 6E-10 | -- |
| 24818 PANAMA AVE | TPH as Diesel | mg/kg | 32 | Max | 1.1E+05 | -- | 3E-04 | -- |
| 24818 PANAMA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24818 PANAMA AVE | TPH as Motor Oil | mg/kg | 59 | Max | 2.9E+05 | -- | 2E-04 | -- |
| 24819 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 3152 | 95UCL | 7.2E+06 | -- | 4E-04 | -- |
| 24819 PANAMA AVE | 1,2-Dichloropropane | ug/kg | 90 | Max | 1.3E+06 | 7.2E+04 | 7E-05 | 1E-09 |
| 24819 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 848.8 | 95UCL | 7.4E+06 | -- | 1E-04 | -- |
| 24819 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 7.434 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 5E-09 |
| 24819 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 13.27 | 95UCL | 2.0E+04 | -- | 7E-04 | -- |
| 24819 PANAMA AVE | Benzene | ug/kg | 178.7 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-05 | 9E-09 |
| 24819 PANAMA AVE | Bromomethane | ug/kg | 310 | Max | 7.7E+05 | -- | 4E-04 | -- |
| 24819 PANAMA AVE | Ethylbenzene | ug/kg | 1667 | 95UCL | 2.9E+08 | 4.2E+05 | 6E-06 | 4E-09 |
| 24819 PANAMA AVE | Naphthalene | mg/kg | 3.798 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-04 | 1E-08 |
| 24819 PANAMA AVE | Pyrene | mg/kg | 0.58 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 24819 PANAMA AVE | Toluene | ug/kg | 24 | Max | 4.2E+08 | -- | 6E-08 | -- |
| 24819 PANAMA AVE | TPH as Diesel | mg/kg | 2908 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 24819 PANAMA AVE | TPH as Gasoline | mg/kg | 454.7 | 95UCL | 6.6E+04 | -- | 7E-03 | -- |
| 24819 PANAMA AVE | TPH as Motor Oil | mg/kg | 3462 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24819 PANAMA AVE | Xylenes, Total | ug/kg | 1142 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 24822 PANAMA AVE | 1,2,3-Trichloropropane | ug/kg | 2 | Max | 2.1E+05 | 1.9E+03 | 1E-05 | 1E-09 |
| 24822 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 3.7 | Max | 7.2E+06 | -- | 5E-07 | -- |
| 24822 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.64 | Max | 7.4E+06 | -- | 9E-08 | -- |
| 24822 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00287 | 95UCL | 3.5E+05 | 1.4E+03 | 8E-09 | 2E-12 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24822 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00299 | 95UCL | 2.0E+04 | -- | 2E-07 | -- |
| 24822 PANAMA AVE | Benzene | ug/kg | 0.14 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 7E-12 |
| 24822 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.363 | 95UCL | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24822 PANAMA AVE | Ethylbenzene | ug/kg | 0.37 | Max | 2.9E+08 | 4.2E+05 | 1E-09 | 9E-13 |
| 24822 PANAMA AVE | Naphthalene | mg/kg | 0.00289 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-07 | 8E-12 |
| 24822 PANAMA AVE | Pyrene | mg/kg | 0.156 | 95UCL | 1.5E+05 | -- | 1E-06 | -- |
| 24822 PANAMA AVE | Toluene | ug/kg | 0.15 | Max | 4.2E+08 | -- | 4E-10 | -- |
| 24822 PANAMA AVE | TPH as Diesel | mg/kg | 30 | Max | 1.1E+05 | -- | 3E-04 | -- |
| 24822 PANAMA AVE | TPH as Gasoline | mg/kg | 0.061 | Max | 6.6E+04 | -- | 9E-07 | -- |
| 24822 PANAMA AVE | TPH as Motor Oil | mg/kg | 110 | Max | 2.9E+05 | -- | 4E-04 | -- |
| 24822 PANAMA AVE | Xylenes, Total | ug/kg | 0.59 | Max | 4.9E+07 | -- | 1E-08 | -- |
| 24823 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 2272 | 95UCL | 7.2E+06 | -- | 3E-04 | -- |
| 24823 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 753 | 95UCL | 7.4E+06 | -- | 1E-04 | -- |
| 24823 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 18.13 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 24823 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 28.59 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 24823 PANAMA AVE | Benzene | ug/kg | 173.7 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-05 | 9E-09 |
| 24823 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.12 | Max | 2.1E+04 | 1.1E+02 | 6E-06 | 1E-09 |
| 24823 PANAMA AVE | Ethylbenzene | ug/kg | 514.7 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-06 | 1E-09 |
| 24823 PANAMA AVE | Naphthalene | mg/kg | 9.018 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-04 | 3E-08 |
| 24823 PANAMA AVE | Pyrene | mg/kg | 4.067 | 95UCL | 1.5E+05 | -- | 3E-05 | -- |
| 24823 PANAMA AVE | Toluene | ug/kg | 32.64 | 95UCL | 4.2E+08 | -- | 8E-08 | -- |
| 24823 PANAMA AVE | TPH as Diesel | mg/kg | 12551 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 24823 PANAMA AVE | TPH as Gasoline | mg/kg | 236.2 | 95UCL | 6.6E+04 | -- | 4E-03 | -- |
| 24823 PANAMA AVE | TPH as Motor Oil | mg/kg | 18203 | 95UCL | 2.9E+05 | -- | 6E-02 | -- |
| 24823 PANAMA AVE | Xylenes, Total | ug/kg | 1724 | 95UCL | 4.9E+07 | -- | 4E-05 | -- |
| 24825 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.12 | Max | 7.2E+06 | -- | 2E-08 | -- |
| 24825 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0012 | Max | 3.5E+05 | 1.4E+03 | 3E-09 | 9E-13 |
| 24825 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00105 | 95UCL | 2.0E+04 | -- | 5E-08 | -- |
| 24825 NEPTUNE AVE | Benzene | ug/kg | 0.16 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 24825 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.284 | 95UCL | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24825 NEPTUNE AVE | Naphthalene | mg/kg | 0.00812 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-07 | 2E-11 |
| 24825 NEPTUNE AVE | Pyrene | mg/kg | 0.00844 | 95UCL | 1.5E+05 | -- | 6E-08 | -- |
| 24825 NEPTUNE AVE | Toluene | ug/kg | 0.606 | 95UCL | 4.2E+08 | -- | 1E-09 | -- |
| 24825 NEPTUNE AVE | TPH as Diesel | mg/kg | 13.33 | 95UCL | 1.1E+05 | -- | 1E-04 | -- |
| 24825 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.113 | 95UCL | 6.6E+04 | -- | 2E-06 | -- |
| 24825 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 41.05 | 95UCL | 2.9E+05 | -- | 1E-04 | -- |
| 24828 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0049 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 4E-12 |
| 24828 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00241 | 95UCL | 2.0E+04 | -- | 1E-07 | -- |
| 24828 PANAMA AVE | Benzene | ug/kg | 0.15 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 24828 PANAMA AVE | Naphthalene | mg/kg | 0.0041 | Max | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 24828 PANAMA AVE | Pyrene | mg/kg | 0.0273 | 95UCL | 1.5E+05 | -- | 2E-07 | -- |
| 24828 PANAMA AVE | TPH as Diesel | mg/kg | 18 | Max | 1.1E+05 | -- | 2E-04 | -- |
| 24828 PANAMA AVE | TPH as Motor Oil | mg/kg | 33 | Max | 2.9E+05 | -- | 1E-04 | -- |
| 24829 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 3032 | 95UCL | 7.2E+06 | -- | 4E-04 | -- |
| 24829 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 200 | 95UCL | 7.4E+06 | -- | 3E-05 | -- |
| 24829 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 5.888 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 4E-09 |
| 24829 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 9.488 | 95UCL | 2.0E+04 | -- | 5E-04 | -- |
| 24829 PANAMA AVE | Benzene | ug/kg | 52.73 | 95UCL | 5.8E+06 | 1.9E+04 | 9E-06 | 3E-09 |
| 24829 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.54 | Max | 1.1E+05 | 3.0E+03 | 5E-06 | 2E-10 |
| 24829 PANAMA AVE | Chromium, Hexavalent | mg/kg | 4.8 | Max | 2.1E+04 | 1.1E+02 | 2E-04 | 4E-08 |
| 24829 PANAMA AVE | Ethylbenzene | ug/kg | 521.9 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-06 | 1E-09 |
| 24829 PANAMA AVE | Naphthalene | mg/kg | 3.145 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 9E-09 |
| 24829 PANAMA AVE | Pyrene | mg/kg | 0.78 | 95UCL | 1.5E+05 | -- | 5E-06 | -- |
| 24829 PANAMA AVE | Toluene | ug/kg | 1.094 | 95UCL | 4.2E+08 | -- | 3E-09 | -- |
| 24829 PANAMA AVE | TPH as Diesel | mg/kg | 2803 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 24829 PANAMA AVE | TPH as Gasoline | mg/kg | 201.9 | 95UCL | 6.6E+04 | -- | 3E-03 | -- |
| 24829 PANAMA AVE | TPH as Motor Oil | mg/kg | 2973 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24829 PANAMA AVE | Xylenes, Total | ug/kg | 670 | 95UCL | 4.9E+07 | -- | 1E-05 | -- |
| 24832 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.65 | Max | 7.2E+06 | -- | 9E-08 | -- |
| 24832 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.13 | Max | 7.4E+06 | -- | 2E-08 | -- |
| 24832 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0118 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-08 | 9E-12 |
| 24832 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0495 | 95UCL | 2.0E+04 | -- | 3E-06 | -- |
| 24832 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 24832 PANAMA AVE | Ethylbenzene | ug/kg | 0.14 | Max | 2.9E+08 | 4.2E+05 | 5E-10 | 3E-13 |
| 24832 PANAMA AVE | Naphthalene | mg/kg | 0.0462 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-06 | 1E-10 |
| 24832 PANAMA AVE | Pyrene | mg/kg | 0.188 | 95UCL | 1.5E+05 | -- | 1E-06 | -- |
| 24832 PANAMA AVE | Toluene | ug/kg | 0.23 | Max | 4.2E+08 | -- | 6E-10 | -- |
| 24832 PANAMA AVE | TPH as Diesel | mg/kg | 153.8 | 95UCL | 1.1E+05 | -- | 1E-03 | -- |
| 24832 PANAMA AVE | TPH as Gasoline | mg/kg | 0.2 | Max | 6.6E+04 | -- | 3E-06 | -- |
| 24832 PANAMA AVE | TPH as Motor Oil | mg/kg | 218.2 | 95UCL | 2.9E+05 | -- | 8E-04 | -- |
| 24832 PANAMA AVE | Vinyl Chloride | ug/kg | 0.34 | Max | 6.4E+06 | 2.8E+03 | 5E-08 | 1E-10 |
| 24832 PANAMA AVE | Xylenes, Total | ug/kg | 0.72 | Max | 4.9E+07 | -- | 2E-08 | -- |
| 24833 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 5713 | 95UCL | 7.2E+06 | -- | 8E-04 | -- |
| 24833 PANAMA AVE | 1,3,5-Trimethylbenzene | ug/kg | 1738 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 24833 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 9.156 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-05 | 7E-09 |
| 24833 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 14.53 | 95UCL | 2.0E+04 | -- | 7E-04 | -- |
| 24833 PANAMA AVE | Benzene | ug/kg | 172 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-05 | 9E-09 |
| 24833 PANAMA AVE | Ethylbenzene | ug/kg | 4642 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 24833 PANAMA AVE | Naphthalene | mg/kg | 7.838 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-04 | 2E-08 |
| 24833 PANAMA AVE | Pyrene | mg/kg | 2.196 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 24833 PANAMA AVE | Toluene | ug/kg | 110 | Max | 4.2E+08 | -- | 3E-07 | -- |
| 24833 PANAMA AVE | TPH as Diesel | mg/kg | 6078 | 95UCL | 1.1E+05 | -- | 6E-02 | -- |
| 24833 PANAMA AVE | TPH as Gasoline | mg/kg | 604.4 | 95UCL | 6.6E+04 | -- | 9E-03 | -- |
| 24833 PANAMA AVE | TPH as Motor Oil | mg/kg | 4306 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 24833 PANAMA AVE | Xylenes, Total | ug/kg | 10601 | 95UCL | 4.9E+07 | -- | 2E-04 | -- |
| 24838 PANAMA AVE | 1,2,4-Trimethylbenzene | ug/kg | 0.44 | Max | 7.2E+06 | -- | 6E-08 | -- |
| 24838 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.044 | Max | 3.5E+05 | 1.4E+03 | 1E-07 | 3E-11 |
| 24838 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.155 | 95UCL | 2.0E+04 | -- | 8E-06 | -- |
| 24838 PANAMA AVE | Benzene | ug/kg | 0.14 | Max | 5.8E+06 | 1.9E+04 | 2E-08 | 7E-12 |
| 24838 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24838 PANAMA AVE | Naphthalene | mg/kg | 0.039 | Max | 1.3E+04 | 3.5E+02 | 3E-06 | 1E-10 |
| 24838 PANAMA AVE | Pyrene | mg/kg | 0.657 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 24838 PANAMA AVE | Toluene | ug/kg | 0.15 | Max | 4.2E+08 | -- | 4E-10 | -- |
| 24838 PANAMA AVE | TPH as Diesel | mg/kg | 183.3 | 95UCL | 1.1E+05 | -- | 2E-03 | -- |
| 24838 PANAMA AVE | TPH as Gasoline | mg/kg | 0.099 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 24838 PANAMA AVE | TPH as Motor Oil | mg/kg | 411.8 | 95UCL | 2.9E+05 | -- | 1E-03 | -- |
| 24838 PANAMA AVE | Xylenes, Total | ug/kg | 0.25 | Max | 4.9E+07 | -- | 5E-09 | -- |
| 24904 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 2.63 | 95UCL | 7.2E+06 | -- | 4E-07 | -- |
| 24904 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 0.335 | 95UCL | 7.4E+06 | -- | 5E-08 | -- |
| 24904 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.217 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-06 | 9E-10 |
| 24904 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.799 | 95UCL | 2.0E+04 | -- | 9E-05 | -- |
| 24904 NEPTUNE AVE | Benzene | ug/kg | 0.263 | 95UCL | 5.8E+06 | 1.9E+04 | 5E-08 | 1E-11 |
| 24904 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24904 NEPTUNE AVE | Ethylbenzene | ug/kg | 1.924 | 95UCL | 2.9E+08 | 4.2E+05 | 7E-09 | 5E-12 |
| 24904 NEPTUNE AVE | Naphthalene | mg/kg | 0.508 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-05 | 2E-09 |
| 24904 NEPTUNE AVE | Pyrene | mg/kg | 0.966 | 95UCL | 1.5E+05 | -- | 6E-06 | -- |
| 24904 NEPTUNE AVE | Toluene | ug/kg | 0.445 | 95UCL | 4.2E+08 | -- | 1E-09 | -- |
| 24904 NEPTUNE AVE | TPH as Diesel | mg/kg | 1747 | 95UCL | 1.1E+05 | -- | 2E-02 | -- |
| 24904 NEPTUNE AVE | TPH as Gasoline | mg/kg | 15.6 | 95UCL | 6.6E+04 | -- | 2E-04 | -- |
| 24904 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2909 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 24904 NEPTUNE AVE | Xylenes, Total | ug/kg | 2.722 | 95UCL | 4.9E+07 | -- | 6E-08 | -- |
| 24912 NEPTUNE AVE | 1,2,3-Trichloropropane | ug/kg | 0.71 | Max | 2.1E+05 | 1.9E+03 | 3E-06 | 4E-10 |
| 24912 NEPTUNE AVE | 1,2,4-Trimethylbenzene | ug/kg | 26 | Max | 7.2E+06 | -- | 4E-06 | -- |
| 24912 NEPTUNE AVE | 1,3,5-Trimethylbenzene | ug/kg | 7.9 | Max | 7.4E+06 | -- | 1E-06 | -- |

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**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24912 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.6 | Max | 3.5E+05 | 1.4E+03 | 2E-06 | 4E-10 |
| 24912 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.248 | 95UCL | 2.0E+04 | -- | 1E-05 | -- |
| 24912 NEPTUNE AVE | Benzene | ug/kg | 0.524 | 95UCL | 5.8E+06 | 1.9E+04 | 9E-08 | 3E-11 |
| 24912 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.321 | 95UCL | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 24912 NEPTUNE AVE | Ethylbenzene | ug/kg | 49 | Max | 2.9E+08 | 4.2E+05 | 2E-07 | 1E-10 |
| 24912 NEPTUNE AVE | Naphthalene | mg/kg | 0.106 | 95UCL | 1.3E+04 | 3.5E+02 | 8E-06 | 3E-10 |
| 24912 NEPTUNE AVE | Pyrene | mg/kg | 0.47 | 95UCL | 1.5E+05 | -- | 3E-06 | -- |
| 24912 NEPTUNE AVE | Toluene | ug/kg | 0.4 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 24912 NEPTUNE AVE | TPH as Diesel | mg/kg | 918 | 95UCL | 1.1E+05 | -- | 8E-03 | -- |
| 24912 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.27 | Max | 6.6E+04 | -- | 4E-06 | -- |
| 24912 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1363 | 95UCL | 2.9E+05 | -- | 5E-03 | -- |
| 24912 NEPTUNE AVE | Xylenes, Total | ug/kg | 4.5 | Max | 4.9E+07 | -- | 9E-08 | -- |
| 301 244TH ST | 1,2,4-Trimethylbenzene | ug/kg | 0.28 | Max | 7.2E+06 | -- | 4E-08 | -- |
| 301 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0092 | Max | 3.5E+05 | 1.4E+03 | 3E-08 | 7E-12 |
| 301 244TH ST | 2-Methylnaphthalene | mg/kg | 0.019 | Max | 2.0E+04 | -- | 1E-06 | -- |
| 301 244TH ST | Benzene | ug/kg | 0.21 | Max | 5.8E+06 | 1.9E+04 | 4E-08 | 1E-11 |
| 301 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.49 | Max | 1.1E+05 | 3.0E+03 | 5E-06 | 2E-10 |
| 301 244TH ST | Chromium, Hexavalent | mg/kg | 0.66 | Max | 2.1E+04 | 1.1E+02 | 3E-05 | 6E-09 |
| 301 244TH ST | Cobalt | mg/kg | 17.4 | Max | 2.1E+03 | 2.7E+06 | 9E-03 | 6E-12 |
| 301 244TH ST | Naphthalene | mg/kg | 0.013 | Max | 1.3E+04 | 3.5E+02 | 1E-06 | 4E-11 |
| 301 244TH ST | Pyrene | mg/kg | 0.061 | Max | 1.5E+05 | -- | 4E-07 | -- |
| 301 244TH ST | Tetrachloroethene | ug/kg | 0.14 | Max | 7.5E+06 | 4.9E+04 | 2E-08 | 3E-12 |
| 301 244TH ST | Toluene | ug/kg | 0.27 | Max | 4.2E+08 | -- | 6E-10 | -- |
| 301 244TH ST | TPH as Gasoline | mg/kg | 0.099 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 301 244TH ST | Xylenes, Total | ug/kg | 0.19 | Max | 4.9E+07 | -- | 4E-09 | -- |
| 305 244TH ST | 1,2,3-Trichloropropane | ug/kg | 0.6 | Max | 2.1E+05 | 1.9E+03 | 3E-06 | 3E-10 |
| 305 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0042 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 3E-12 |
| 305 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0068 | Max | 2.0E+04 | -- | 3E-07 | -- |
| 305 244TH ST | Benzene | ug/kg | 0.15 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 305 244TH ST | Bromomethane | ug/kg | 1.7 | Max | 7.7E+05 | -- | 2E-06 | -- |
| 305 244TH ST | Chromium, Hexavalent | mg/kg | 0.35 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 305 244TH ST | Cobalt | mg/kg | 12.66 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 305 244TH ST | Naphthalene | mg/kg | 0.0027 | Max | 1.3E+04 | 3.5E+02 | 2E-07 | 8E-12 |
| 305 244TH ST | Pyrene | mg/kg | 0.0017 | Max | 1.5E+05 | -- | 1E-08 | -- |
| 305 244TH ST | TPH as Gasoline | mg/kg | 0.076 | Max | 6.6E+04 | -- | 1E-06 | -- |
| 305 244TH ST | TPH as Motor Oil | mg/kg | 28 | Max | 2.9E+05 | -- | 1E-04 | -- |
| 311 244TH ST | 1,2,4-Trimethylbenzene | ug/kg | 174.8 | 95UCL | 7.2E+06 | -- | 2E-05 | -- |
| 311 244TH ST | 1,3,5-Trimethylbenzene | ug/kg | 46 | Max | 7.4E+06 | -- | 6E-06 | -- |
| 311 244TH ST | 1-Methylnaphthalene | mg/kg | 20 | Max | 3.5E+05 | 1.4E+03 | 6E-05 | 2E-08 |
| 311 244TH ST | 2-Methylnaphthalene | mg/kg | 10.39 | 95UCL | 2.0E+04 | -- | 5E-04 | -- |
| 311 244TH ST | Benzene | ug/kg | 11.64 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-06 | 6E-10 |
| 311 244TH ST | Benzo (a) Anthracene | mg/kg | 0.508 | 95UCL | -- | 1.4E+02 | -- | 4E-09 |
| 311 244TH ST | Benzo (a) Pyrene | mg/kg | 0.203 | 95UCL | -- | 1.4E+01 | -- | 2E-08 |
| 311 244TH ST | Benzo (b) Fluoranthene | mg/kg | 0.00456 | 95UCL | -- | 1.4E+02 | -- | 3E-11 |
| 311 244TH ST | Benzo (k) Fluoranthene | mg/kg | 0.00393 | 95UCL | -- | 1.4E+02 | -- | 3E-11 |
| 311 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.3 | Max | 1.1E+05 | 3.0E+03 | 3E-06 | 1E-10 |
| 311 244TH ST | Bromomethane | ug/kg | 2.1 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 311 244TH ST | Chrysene | mg/kg | 1.522 | 95UCL | -- | 1.4E+03 | -- | 1E-09 |
| 311 244TH ST | Cobalt | mg/kg | 8.754 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 311 244TH ST | Dibenz (a,h) Anthracene | mg/kg | 0.0028 | Max | -- | 9.7E+00 | -- | 3E-10 |
| 311 244TH ST | Ethylbenzene | ug/kg | 220 | Max | 2.9E+08 | 4.2E+05 | 8E-07 | 5E-10 |
| 311 244TH ST | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.00363 | 95UCL | -- | 1.4E+02 | -- | 3E-11 |
| 311 244TH ST | Naphthalene | mg/kg | 3.871 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-04 | 1E-08 |
| 311 244TH ST | Pyrene | mg/kg | 3.972 | 95UCL | 1.5E+05 | -- | 3E-05 | -- |
| 311 244TH ST | Toluene | ug/kg | 17.45 | 95UCL | 4.2E+08 | -- | 4E-08 | -- |
| 311 244TH ST | TPH as Diesel | mg/kg | 3918 | 95UCL | 1.1E+05 | -- | 4E-02 | -- |
| 311 244TH ST | TPH as Gasoline | mg/kg | 290 | Max | 6.6E+04 | -- | 4E-03 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 311 244TH ST | TPH as Motor Oil | mg/kg | 4079 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 311 244TH ST | Vanadium | mg/kg | 35.46 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 311 244TH ST | Xylenes, Total | ug/kg | 0.44 | Max | 4.9E+07 | -- | 9E-09 | -- |
| 317 244TH ST | 1,2,4-Trimethylbenzene | ug/kg | 0.13 | Max | 7.2E+06 | -- | 2E-08 | -- |
| 317 244TH ST | 1-Methylnaphthalene | mg/kg | 0.024 | Max | 3.5E+05 | 1.4E+03 | 7E-08 | 2E-11 |
| 317 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00501 | 95UCL | 2.0E+04 | -- | 3E-07 | -- |
| 317 244TH ST | Benzene | ug/kg | 0.31 | Max | 5.8E+06 | 1.9E+04 | 5E-08 | 2E-11 |
| 317 244TH ST | Cobalt | mg/kg | 10.19 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 317 244TH ST | Naphthalene | mg/kg | 0.00338 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 317 244TH ST | Pyrene | mg/kg | 0.0159 | 95UCL | 1.5E+05 | -- | 1E-07 | -- |
| 317 244TH ST | Toluene | ug/kg | 0.193 | 95UCL | 4.2E+08 | -- | 5E-10 | -- |
| 317 244TH ST | TPH as Diesel | mg/kg | 360 | Max | 1.1E+05 | -- | 3E-03 | -- |
| 317 244TH ST | TPH as Gasoline | mg/kg | 2.1 | Max | 6.6E+04 | -- | 3E-05 | -- |
| 317 244TH ST | TPH as Motor Oil | mg/kg | 219.9 | 95UCL | 2.9E+05 | -- | 8E-04 | -- |
| 321 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0009 | Max | 2.0E+04 | -- | 5E-08 | -- |
| 321 244TH ST | Benzene | ug/kg | 0.34 | Max | 5.8E+06 | 1.9E+04 | 6E-08 | 2E-11 |
| 321 244TH ST | Cobalt | mg/kg | 10.45 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 321 244TH ST | Naphthalene | mg/kg | 0.0026 | Max | 1.3E+04 | 3.5E+02 | 2E-07 | 8E-12 |
| 321 244TH ST | Pyrene | mg/kg | 0.0465 | 95UCL | 1.5E+05 | -- | 3E-07 | -- |
| 321 244TH ST | Toluene | ug/kg | 1.8 | Max | 4.2E+08 | -- | 4E-09 | -- |
| 321 244TH ST | TPH as Diesel | mg/kg | 15 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 321 244TH ST | TPH as Gasoline | mg/kg | 0.21 | Max | 6.6E+04 | -- | 3E-06 | -- |
| 321 244TH ST | TPH as Motor Oil | mg/kg | 28 | Max | 2.9E+05 | -- | 1E-04 | -- |
| 321 244TH ST | Vanadium | mg/kg | 44.22 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 327 244TH ST | Benzene | ug/kg | 0.2 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 1E-11 |
| 327 244TH ST | Cobalt | mg/kg | 12.6 | Max | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 327 244TH ST | Naphthalene | mg/kg | 0.0046 | Max | 1.3E+04 | 3.5E+02 | 4E-07 | 1E-11 |
| 327 244TH ST | Pyrene | mg/kg | 0.0055 | Max | 1.5E+05 | -- | 4E-08 | -- |
| 327 244TH ST | TPH as Diesel | mg/kg | 11 | Max | 1.1E+05 | -- | 1E-04 | -- |
| 327 244TH ST | Vanadium | mg/kg | 51.9 | Max | 3.4E+04 | -- | 2E-03 | -- |
| 331 244TH ST | 1-Methylnaphthalene | mg/kg | 0.017 | Max | 3.5E+05 | 1.4E+03 | 5E-08 | 1E-11 |
| 331 244TH ST | 2,4-Dinitrotoluene | mg/kg | 0.34 | Max | 1.1E+04 | 1.4E+02 | 3E-05 | 3E-09 |
| 331 244TH ST | 2-Methylnaphthalene | mg/kg | 0.032 | Max | 2.0E+04 | -- | 2E-06 | -- |
| 331 244TH ST | Cobalt | mg/kg | 12.9 | Max | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 331 244TH ST | Naphthalene | mg/kg | 0.019 | Max | 1.3E+04 | 3.5E+02 | 1E-06 | 6E-11 |
| 331 244TH ST | Pyrene | mg/kg | 0.84 | Max | 1.5E+05 | -- | 6E-06 | -- |
| 331 244TH ST | Vanadium | mg/kg | 59.8 | Max | 3.4E+04 | -- | 2E-03 | -- |
| 337 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0066 | Max | 3.5E+05 | 1.4E+03 | 2E-08 | 5E-12 |
| 337 244TH ST | 2-Methylnaphthalene | mg/kg | 0.011 | Max | 2.0E+04 | -- | 6E-07 | -- |
| 337 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.1E+05 | 3.0E+03 | 3E-06 | 1E-10 |
| 337 244TH ST | Cobalt | mg/kg | 8.48 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 337 244TH ST | Naphthalene | mg/kg | 0.023 | Max | 1.3E+04 | 3.5E+02 | 2E-06 | 7E-11 |
| 337 244TH ST | Pyrene | mg/kg | 0.0049 | Max | 1.5E+05 | -- | 3E-08 | -- |
| 337 244TH ST | Toluene | ug/kg | 0.42 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 337 244TH ST | TPH as Gasoline | mg/kg | 0.15 | Max | 6.6E+04 | -- | 2E-06 | -- |
| 337 244TH ST | TPH as Motor Oil | mg/kg | 24 | Max | 2.9E+05 | -- | 8E-05 | -- |
| 337 244TH ST | Vanadium | mg/kg | 41.34 | 95UCL | 3.4E+04 | -- | 1E-03 | -- |
| 341 244TH ST | 1,2,4-Trimethylbenzene | ug/kg | 0.16 | Max | 7.2E+06 | -- | 2E-08 | -- |
| 341 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0016 | Max | 3.5E+05 | 1.4E+03 | 5E-09 | 1E-12 |
| 341 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0018 | Max | 2.0E+04 | -- | 9E-08 | -- |
| 341 244TH ST | Benzene | ug/kg | 0.342 | 95UCL | 5.8E+06 | 1.9E+04 | 6E-08 | 2E-11 |
| 341 244TH ST | Bromomethane | ug/kg | 13 | Max | 7.7E+05 | -- | 2E-05 | -- |
| 341 244TH ST | Cobalt | mg/kg | 8.612 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 341 244TH ST | Ethylbenzene | ug/kg | 0.16 | Max | 2.9E+08 | 4.2E+05 | 6E-10 | 4E-13 |
| 341 244TH ST | Naphthalene | mg/kg | 0.0012 | Max | 1.3E+04 | 3.5E+02 | 9E-08 | 4E-12 |
| 341 244TH ST | Pyrene | mg/kg | 0.0863 | 95UCL | 1.5E+05 | -- | 6E-07 | -- |
| 341 244TH ST | Toluene | ug/kg | 0.183 | 95UCL | 4.2E+08 | -- | 4E-10 | -- |
| 341 244TH ST | TPH as Diesel | mg/kg | 37 | Max | 1.1E+05 | -- | 3E-04 | -- |
| 341 244TH ST | TPH as Motor Oil | mg/kg | 29 | Max | 2.9E+05 | -- | 1E-04 | -- |
| 341 244TH ST | Xylenes, Total | ug/kg | 0.22 | Max | 4.9E+07 | -- | 5E-09 | -- |
| 344 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 17.6 | 95UCL | 7.2E+06 | -- | 2E-06 | -- |
| 344 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 14 | Max | 7.4E+06 | -- | 2E-06 | -- |
| 344 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0354 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-07 | 3E-11 |
| 344 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0379 | 95UCL | 2.0E+04 | -- | 2E-06 | -- |
| 344 249TH ST | Benzene | ug/kg | 0.546 | 95UCL | 5.8E+06 | 1.9E+04 | 9E-08 | 3E-11 |
| 344 249TH ST | Ethylbenzene | ug/kg | 3.817 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-08 | 9E-12 |
| 344 249TH ST | Naphthalene | mg/kg | 0.0103 | 95UCL | 1.3E+04 | 3.5E+02 | 8E-07 | 3E-11 |
| 344 249TH ST | Pyrene | mg/kg | 0.589 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 344 249TH ST | Toluene | ug/kg | 0.58 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 344 249TH ST | TPH as Diesel | mg/kg | 365.7 | 95UCL | 1.1E+05 | -- | 3E-03 | -- |
| 344 249TH ST | TPH as Gasoline | mg/kg | 0.27 | Max | 6.6E+04 | -- | 4E-06 | -- |
| 344 249TH ST | TPH as Motor Oil | mg/kg | 923.6 | 95UCL | 2.9E+05 | -- | 3E-03 | -- |
| 344 249TH ST | Xylenes, Total | ug/kg | 7.2 | Max | 4.9E+07 | -- | 2E-07 | -- |
| 345 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 63.39 | 95UCL | 7.2E+06 | -- | 9E-06 | -- |
| 345 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 4.929 | 95UCL | 7.4E+06 | -- | 7E-07 | -- |
| 345 249TH ST | 1-Methylnaphthalene | mg/kg | 5.92 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 4E-09 |
| 345 249TH ST | 2-Methylnaphthalene | mg/kg | 5.441 | 95UCL | 2.0E+04 | -- | 3E-04 | -- |
| 345 249TH ST | Benzene | ug/kg | 16.22 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-06 | 8E-10 |
| 345 249TH ST | Chromium, Hexavalent | mg/kg | 0.29 | 95UCL | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 345 249TH ST | Ethylbenzene | ug/kg | 33.93 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-07 | 8E-11 |
| 345 249TH ST | Naphthalene | mg/kg | 0.637 | 95UCL | 1.3E+04 | 3.5E+02 | 5E-05 | 2E-09 |
| 345 249TH ST | Pyrene | mg/kg | 5.719 | 95UCL | 1.5E+05 | -- | 4E-05 | -- |
| 345 249TH ST | Toluene | ug/kg | 13.82 | 95UCL | 4.2E+08 | -- | 3E-08 | -- |
| 345 249TH ST | TPH as Diesel | mg/kg | 6208 | 95UCL | 1.1E+05 | -- | 6E-02 | -- |
| 345 249TH ST | TPH as Gasoline | mg/kg | 15.38 | 95UCL | 6.6E+04 | -- | 2E-04 | -- |
| 345 249TH ST | TPH as Motor Oil | mg/kg | 8454 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 345 249TH ST | Xylenes, Total | ug/kg | 62.03 | 95UCL | 4.9E+07 | -- | 1E-06 | -- |
| 347 244TH ST | 2-Methylnaphthalene | mg/kg | 0.001 | Max | 2.0E+04 | -- | 5E-08 | -- |
| 347 244TH ST | Benzene | ug/kg | 1 | Max | 5.8E+06 | 1.9E+04 | 2E-07 | 5E-11 |
| 347 244TH ST | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 347 244TH ST | Cobalt | mg/kg | 8.471 | 95UCL | 2.1E+03 | 2.7E+06 | 4E-03 | 3E-12 |
| 347 244TH ST | Ethylbenzene | ug/kg | 0.41 | Max | 2.9E+08 | 4.2E+05 | 1E-09 | 1E-12 |
| 347 244TH ST | Naphthalene | mg/kg | 0.005 | Max | 1.3E+04 | 3.5E+02 | 4E-07 | 1E-11 |
| 347 244TH ST | Pyrene | mg/kg | 0.018 | Max | 1.5E+05 | -- | 1E-07 | -- |
| 347 244TH ST | Toluene | ug/kg | 0.41 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 347 244TH ST | TPH as Diesel | mg/kg | 36 | Max | 1.1E+05 | -- | 3E-04 | -- |
| 347 244TH ST | TPH as Motor Oil | mg/kg | 110 | Max | 2.9E+05 | -- | 4E-04 | -- |
| 348 248TH ST | 1,2,4-Trimethylbenzene | ug/kg | 6327 | 95UCL | 7.2E+06 | -- | 9E-04 | -- |
| 348 248TH ST | 1,3,5-Trimethylbenzene | ug/kg | 4500 | Max | 7.4E+06 | -- | 6E-04 | -- |
| 348 248TH ST | 1-Methylnaphthalene | mg/kg | 56.36 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-04 | 4E-08 |
| 348 248TH ST | 2-Methylnaphthalene | mg/kg | 51.64 | 95UCL | 2.0E+04 | -- | 3E-03 | -- |
| 348 248TH ST | Benzene | ug/kg | 1391 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-04 | 7E-08 |
| 348 248TH ST | Bromomethane | ug/kg | 2.4 | Max | 7.7E+05 | -- | 3E-06 | -- |
| 348 248TH ST | Ethylbenzene | ug/kg | 4200 | Max | 2.9E+08 | 4.2E+05 | 2E-05 | 1E-08 |
| 348 248TH ST | Naphthalene | mg/kg | 21.82 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-03 | 6E-08 |
| 348 248TH ST | Pyrene | mg/kg | 21.59 | 95UCL | 1.5E+05 | -- | 1E-04 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 348 248TH ST | Toluene | ug/kg | 1100 | Max | 4.2E+08 | -- | 3E-06 | -- |
| 348 248TH ST | TPH as Diesel | mg/kg | 14575 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 348 248TH ST | TPH as Gasoline | mg/kg | 963.7 | 95UCL | 6.6E+04 | -- | 2E-02 | -- |
| 348 248TH ST | TPH as Motor Oil | mg/kg | 13016 | 95UCL | 2.9E+05 | -- | 5E-02 | -- |
| 348 248TH ST | Xylenes, Total | ug/kg | 5000 | 95UCL | 4.9E+07 | -- | 1E-04 | -- |
| 348 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 102.4 | 95UCL | 7.2E+06 | -- | 1E-05 | -- |
| 348 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 41.24 | 95UCL | 7.4E+06 | -- | 6E-06 | -- |
| 348 249TH ST | 1-Methylnaphthalene | mg/kg | 0.232 | 95UCL | 3.5E+05 | 1.4E+03 | 7E-07 | 2E-10 |
| 348 249TH ST | 2-Methylnaphthalene | mg/kg | 0.28 | 95UCL | 2.0E+04 | -- | 1E-05 | -- |
| 348 249TH ST | Benzene | ug/kg | 2.589 | 95UCL | 5.8E+06 | 1.9E+04 | 4E-07 | 1E-10 |
| 348 249TH ST | Chromium, Hexavalent | mg/kg | 0.619 | 95UCL | 2.1E+04 | 1.1E+02 | 3E-05 | 6E-09 |
| 348 249TH ST | Ethylbenzene | ug/kg | 11.37 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-08 | 3E-11 |
| 348 249TH ST | Naphthalene | mg/kg | 0.126 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-05 | 4E-10 |
| 348 249TH ST | Pyrene | mg/kg | 0.642 | 95UCL | 1.5E+05 | -- | 4E-06 | -- |
| 348 249TH ST | Toluene | ug/kg | 0.592 | 95UCL | 4.2E+08 | -- | 1E-09 | -- |
| 348 249TH ST | TPH as Diesel | mg/kg | 1688 | 95UCL | 1.1E+05 | -- | 2E-02 | -- |
| 348 249TH ST | TPH as Gasoline | mg/kg | 0.209 | 95UCL | 6.6E+04 | -- | 3E-06 | -- |
| 348 249TH ST | TPH as Motor Oil | mg/kg | 3428 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 348 249TH ST | Xylenes, Total | ug/kg | 28.94 | 95UCL | 4.9E+07 | -- | 6E-07 | -- |
| 351 244TH ST | 1,2,4-Trimethylbenzene | ug/kg | 0.23 | Max | 7.2E+06 | -- | 3E-08 | -- |
| 351 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0034 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 3E-12 |
| 351 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0062 | Max | 2.0E+04 | -- | 3E-07 | -- |
| 351 244TH ST | Benzene | ug/kg | 0.2 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 1E-11 |
| 351 244TH ST | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 351 244TH ST | Cobalt | mg/kg | 10.46 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 351 244TH ST | Naphthalene | mg/kg | 0.0037 | Max | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 351 244TH ST | Pyrene | mg/kg | 0.011 | Max | 1.5E+05 | -- | 7E-08 | -- |
| 351 244TH ST | Toluene | ug/kg | 0.18 | Max | 4.2E+08 | -- | 4E-10 | -- |
| 352 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 0.693 | 95UCL | 7.2E+06 | -- | 1E-07 | -- |
| 352 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 0.56 | Max | 7.4E+06 | -- | 8E-08 | -- |
| 352 249TH ST | 1-Methylnaphthalene | mg/kg | 0.449 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-06 | 3E-10 |
| 352 249TH ST | 2-Methylnaphthalene | mg/kg | 0.177 | 95UCL | 2.0E+04 | -- | 9E-06 | -- |
| 352 249TH ST | Benzene | ug/kg | 0.466 | 95UCL | 5.8E+06 | 1.9E+04 | 8E-08 | 2E-11 |
| 352 249TH ST | Chromium, Hexavalent | mg/kg | 0.293 | 95UCL | 2.1E+04 | 1.1E+02 | 1E-05 | 3E-09 |
| 352 249TH ST | Ethylbenzene | ug/kg | 0.264 | 95UCL | 2.9E+08 | 4.2E+05 | 9E-10 | 6E-13 |
| 352 249TH ST | Naphthalene | mg/kg | 0.0796 | 95UCL | 1.3E+04 | 3.5E+02 | 6E-06 | 2E-10 |
| 352 249TH ST | Pyrene | mg/kg | 1.54 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |
| 352 249TH ST | Toluene | ug/kg | 25.46 | 95UCL | 4.2E+08 | -- | 6E-08 | -- |
| 352 249TH ST | TPH as Diesel | mg/kg | 3411 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 352 249TH ST | TPH as Gasoline | mg/kg | 0.263 | 95UCL | 6.6E+04 | -- | 4E-06 | -- |
| 352 249TH ST | TPH as Motor Oil | mg/kg | 5799 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 352 249TH ST | Xylenes, Total | ug/kg | 0.926 | 95UCL | 4.9E+07 | -- | 2E-08 | -- |
| 353 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 11000 | Max | 7.2E+06 | -- | 2E-03 | -- |
| 353 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 2800 | Max | 7.4E+06 | -- | 4E-04 | -- |
| 353 249TH ST | 1-Methylnaphthalene | mg/kg | 2.6 | Max | 3.5E+05 | 1.4E+03 | 7E-06 | 2E-09 |
| 353 249TH ST | 2-Methylnaphthalene | mg/kg | 2.802 | 95UCL | 2.0E+04 | -- | 1E-04 | -- |
| 353 249TH ST | Benzene | ug/kg | 1200 | Max | 5.8E+06 | 1.9E+04 | 2E-04 | 6E-08 |
| 353 249TH ST | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 353 249TH ST | Ethylbenzene | ug/kg | 2600 | Max | 2.9E+08 | 4.2E+05 | 9E-06 | 6E-09 |
| 353 249TH ST | Naphthalene | mg/kg | 6.3 | Max | 1.3E+04 | 3.5E+02 | 5E-04 | 2E-08 |
| 353 249TH ST | Pyrene | mg/kg | 0.164 | 95UCL | 1.5E+05 | -- | 1E-06 | -- |
| 353 249TH ST | Toluene | ug/kg | 25 | Max | 4.2E+08 | -- | 6E-08 | -- |
| 353 249TH ST | TPH as Diesel | mg/kg | 2500 | Max | 1.1E+05 | -- | 2E-02 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 353 249TH ST | TPH as Gasoline | mg/kg | 635 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 353 249TH ST | TPH as Motor Oil | mg/kg | 2300 | Max | 2.9E+05 | -- | 8E-03 | -- |
| 353 249TH ST | Xylenes, Total | ug/kg | 8400 | Max | 4.9E+07 | -- | 2E-04 | -- |
| 354 248TH ST | 1,2,4-Trimethylbenzene | ug/kg | 2346 | 95UCL | 7.2E+06 | -- | 3E-04 | -- |
| 354 248TH ST | 1,3,5-Trimethylbenzene | ug/kg | 298 | 95UCL | 7.4E+06 | -- | 4E-05 | -- |
| 354 248TH ST | 1-Methylnaphthalene | mg/kg | 21.03 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-05 | 2E-08 |
| 354 248TH ST | 2-Methylnaphthalene | mg/kg | 33.64 | 95UCL | 2.0E+04 | -- | 2E-03 | -- |
| 354 248TH ST | Benzene | ug/kg | 560.7 | 95UCL | 5.8E+06 | 1.9E+04 | 1E-04 | 3E-08 |
| 354 248TH ST | Ethylbenzene | ug/kg | 1276 | 95UCL | 2.9E+08 | 4.2E+05 | 5E-06 | 3E-09 |
| 354 248TH ST | Naphthalene | mg/kg | 11.37 | 95UCL | 1.3E+04 | 3.5E+02 | 9E-04 | 3E-08 |
| 354 248TH ST | Pyrene | mg/kg | 4.465 | 95UCL | 1.5E+05 | -- | 3E-05 | -- |
| 354 248TH ST | Toluene | ug/kg | 31.78 | 95UCL | 4.2E+08 | -- | 8E-08 | -- |
| 354 248TH ST | TPH as Diesel | mg/kg | 13263 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 354 248TH ST | TPH as Gasoline | mg/kg | 521.9 | 95UCL | 6.6E+04 | -- | 8E-03 | -- |
| 354 248TH ST | TPH as Motor Oil | mg/kg | 14472 | 95UCL | 2.9E+05 | -- | 5E-02 | -- |
| 354 248TH ST | Xylenes, Total | ug/kg | 1170 | 95UCL | 4.9E+07 | -- | 2E-05 | -- |
| 357 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0006 | Max | 2.0E+04 | -- | 3E-08 | -- |
| 357 244TH ST | Chromium, Hexavalent | mg/kg | 0.3 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 357 244TH ST | Cobalt | mg/kg | 9.746 | 95UCL | 2.1E+03 | 2.7E+06 | 5E-03 | 4E-12 |
| 357 244TH ST | Naphthalene | mg/kg | 0.0012 | Max | 1.3E+04 | 3.5E+02 | 9E-08 | 4E-12 |
| 357 244TH ST | Pyrene | mg/kg | 0.0096 | Max | 1.5E+05 | -- | 6E-08 | -- |
| 357 244TH ST | TPH as Diesel | mg/kg | 5.4 | Max | 1.1E+05 | -- | 5E-05 | -- |
| 357 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 4000 | Max | 7.2E+06 | -- | 6E-04 | -- |
| 357 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 640 | Max | 7.4E+06 | -- | 9E-05 | -- |
| 357 249TH ST | 1-Methylnaphthalene | mg/kg | 25 | Max | 3.5E+05 | 1.4E+03 | 7E-05 | 2E-08 |
| 357 249TH ST | 2-Methylnaphthalene | mg/kg | 38 | Max | 2.0E+04 | -- | 2E-03 | -- |
| 357 249TH ST | Benzene | ug/kg | 630 | Max | 5.8E+06 | 1.9E+04 | 1E-04 | 3E-08 |
| 357 249TH ST | Bromomethane | ug/kg | 550 | Max | 7.7E+05 | -- | 7E-04 | -- |
| 357 249TH ST | Ethylbenzene | ug/kg | 1700 | Max | 2.9E+08 | 4.2E+05 | 6E-06 | 4E-09 |
| 357 249TH ST | Naphthalene | mg/kg | 15 | Max | 1.3E+04 | 3.5E+02 | 1E-03 | 4E-08 |
| 357 249TH ST | Pyrene | mg/kg | 3.1 | Max | 1.5E+05 | -- | 2E-05 | -- |
| 357 249TH ST | Toluene | ug/kg | 84 | Max | 4.2E+08 | -- | 2E-07 | -- |
| 357 249TH ST | TPH as Diesel | mg/kg | 13000 | Max | 1.1E+05 | -- | 1E-01 | -- |
| 357 249TH ST | TPH as Gasoline | mg/kg | 690 | Max | 6.6E+04 | -- | 1E-02 | -- |
| 357 249TH ST | TPH as Motor Oil | mg/kg | 16000 | Max | 2.9E+05 | -- | 6E-02 | -- |
| 357 249TH ST | Xylenes, Total | ug/kg | 2000 | Max | 4.9E+07 | -- | 4E-05 | -- |
| 358 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 12 | Max | 7.2E+06 | -- | 2E-06 | -- |
| 358 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 4.2 | Max | 7.4E+06 | -- | 6E-07 | -- |
| 358 249TH ST | 1-Methylnaphthalene | mg/kg | 0.11 | Max | 3.5E+05 | 1.4E+03 | 3E-07 | 8E-11 |
| 358 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0509 | 95UCL | 2.0E+04 | -- | 3E-06 | -- |
| 358 249TH ST | Chromium, Hexavalent | mg/kg | 0.32 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 358 249TH ST | Ethylbenzene | ug/kg | 1.6 | Max | 2.9E+08 | 4.2E+05 | 6E-09 | 4E-12 |
| 358 249TH ST | Naphthalene | mg/kg | 0.023 | Max | 1.3E+04 | 3.5E+02 | 2E-06 | 7E-11 |
| 358 249TH ST | Pyrene | mg/kg | 0.00696 | 95UCL | 1.5E+05 | -- | 5E-08 | -- |
| 358 249TH ST | Toluene | ug/kg | 1.1 | Max | 4.2E+08 | -- | 3E-09 | -- |
| 358 249TH ST | TPH as Diesel | mg/kg | 65.1 | 95UCL | 1.1E+05 | -- | 6E-04 | -- |
| 358 249TH ST | TPH as Gasoline | mg/kg | 1.9 | Max | 6.6E+04 | -- | 3E-05 | -- |
| 358 249TH ST | TPH as Motor Oil | mg/kg | 171 | 95UCL | 2.9E+05 | -- | 6E-04 | -- |
| 358 249TH ST | Xylenes, Total | ug/kg | 7.8 | Max | 4.9E+07 | -- | 2E-07 | -- |
| 360 248TH ST | 1,2,4-Trimethylbenzene | ug/kg | 182.5 | 95UCL | 7.2E+06 | -- | 3E-05 | -- |
| 360 248TH ST | 1,3,5-Trimethylbenzene | ug/kg | 31.1 | 95UCL | 7.4E+06 | -- | 4E-06 | -- |
| 360 248TH ST | 1-Methylnaphthalene | mg/kg | 8.895 | 95UCL | 3.5E+05 | 1.4E+03 | 3E-05 | 7E-09 |
| 360 248TH ST | 2-Methylnaphthalene | mg/kg | 12.36 | 95UCL | 2.0E+04 | -- | 6E-04 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 360 248TH ST | Benzene | ug/kg | 189.4 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-05 | 1E-08 |
| 360 248TH ST | Ethylbenzene | ug/kg | 607.7 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-06 | 2E-09 |
| 360 248TH ST | Naphthalene | mg/kg | 3.949 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-04 | 1E-08 |
| 360 248TH ST | Pyrene | mg/kg | 1.391 | 95UCL | 1.5E+05 | -- | 9E-06 | -- |
| 360 248TH ST | Toluene | ug/kg | 15 | Max | 4.2E+08 | -- | 4E-08 | -- |
| 360 248TH ST | TPH as Diesel | mg/kg | 5358 | 95UCL | 1.1E+05 | -- | 5E-02 | -- |
| 360 248TH ST | TPH as Gasoline | mg/kg | 395.8 | 95UCL | 6.6E+04 | -- | 6E-03 | -- |
| 360 248TH ST | TPH as Motor Oil | mg/kg | 5683 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 360 248TH ST | Xylenes, Total | ug/kg | 218.6 | 95UCL | 4.9E+07 | -- | 5E-06 | -- |
| 361 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0097 | Max | 2.0E+04 | -- | 5E-07 | -- |
| 361 244TH ST | Chromium, Hexavalent | mg/kg | 0.22 | Max | 2.1E+04 | 1.1E+02 | 1E-05 | 2E-09 |
| 361 244TH ST | Cobalt | mg/kg | 12.8 | Max | 2.1E+03 | 2.7E+06 | 6E-03 | 5E-12 |
| 361 244TH ST | Naphthalene | mg/kg | 0.01 | Max | 1.3E+04 | 3.5E+02 | 8E-07 | 3E-11 |
| 361 244TH ST | Pyrene | mg/kg | 0.042 | Max | 1.5E+05 | -- | 3E-07 | -- |
| 361 244TH ST | Xylenes, Total | ug/kg | 0.21 | Max | 4.9E+07 | -- | 4E-09 | -- |
| 362 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0008 | Max | 2.0E+04 | -- | 4E-08 | -- |
| 362 249TH ST | Benzene | ug/kg | 0.18 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 9E-12 |
| 362 249TH ST | Chromium, Hexavalent | mg/kg | 0.44 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 4E-09 |
| 362 249TH ST | Naphthalene | mg/kg | 0.0014 | Max | 1.3E+04 | 3.5E+02 | 1E-07 | 4E-12 |
| 362 249TH ST | Pyrene | mg/kg | 0.0036 | Max | 1.5E+05 | -- | 2E-08 | -- |
| 362 249TH ST | Toluene | ug/kg | 0.34 | Max | 4.2E+08 | -- | 8E-10 | -- |
| 362 249TH ST | TPH as Diesel | mg/kg | 6.7 | Max | 1.1E+05 | -- | 6E-05 | -- |
| 362 249TH ST | TPH as Gasoline | mg/kg | 0.19 | Max | 6.6E+04 | -- | 3E-06 | -- |
| 362 249TH ST | TPH as Motor Oil | mg/kg | 16 | Max | 2.9E+05 | -- | 6E-05 | -- |
| 362 249TH ST | Xylenes, Total | ug/kg | 0.17 | Max | 4.9E+07 | -- | 4E-09 | -- |
| 363 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 240 | Max | 7.2E+06 | -- | 3E-05 | -- |
| 363 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 10 | Max | 7.4E+06 | -- | 1E-06 | -- |
| 363 249TH ST | 1-Methylnaphthalene | mg/kg | 26 | Max | 3.5E+05 | 1.4E+03 | 7E-05 | 2E-08 |
| 363 249TH ST | 2-Methylnaphthalene | mg/kg | 38 | Max | 2.0E+04 | -- | 2E-03 | -- |
| 363 249TH ST | Benzene | ug/kg | 110 | Max | 5.8E+06 | 1.9E+04 | 2E-05 | 6E-09 |
| 363 249TH ST | Ethylbenzene | ug/kg | 2100 | Max | 2.9E+08 | 4.2E+05 | 7E-06 | 5E-09 |
| 363 249TH ST | Naphthalene | mg/kg | 16 | Max | 1.3E+04 | 3.5E+02 | 1E-03 | 5E-08 |
| 363 249TH ST | Pyrene | mg/kg | 26 | Max | 1.5E+05 | -- | 2E-04 | -- |
| 363 249TH ST | Toluene | ug/kg | 64 | Max | 4.2E+08 | -- | 2E-07 | -- |
| 363 249TH ST | TPH as Diesel | mg/kg | 26000 | Max | 1.1E+05 | -- | 2E-01 | -- |
| 363 249TH ST | TPH as Gasoline | mg/kg | 660 | Max | 6.6E+04 | -- | 1E-02 | -- |
| 363 249TH ST | TPH as Motor Oil | mg/kg | 37000 | Max | 2.9E+05 | -- | 1E-01 | -- |
| 363 249TH ST | Xylenes, Total | ug/kg | 630 | Max | 4.9E+07 | -- | 1E-05 | -- |
| 364 248TH ST | 1,2,4-Trimethylbenzene | ug/kg | 1017 | 95UCL | 7.2E+06 | -- | 1E-04 | -- |
| 364 248TH ST | 1,3,5-Trimethylbenzene | ug/kg | 183.2 | 95UCL | 7.4E+06 | -- | 3E-05 | -- |
| 364 248TH ST | 1-Methylnaphthalene | mg/kg | 2.06 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-06 | 2E-09 |
| 364 248TH ST | 2-Methylnaphthalene | mg/kg | 3.906 | 95UCL | 2.0E+04 | -- | 2E-04 | -- |
| 364 248TH ST | Benzene | ug/kg | 50.43 | 95UCL | 5.8E+06 | 1.9E+04 | 9E-06 | 3E-09 |
| 364 248TH ST | Ethylbenzene | ug/kg | 524.8 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-06 | 1E-09 |
| 364 248TH ST | Naphthalene | mg/kg | 2.525 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 7E-09 |
| 364 248TH ST | Pyrene | mg/kg | 1.201 | 95UCL | 1.5E+05 | -- | 8E-06 | -- |
| 364 248TH ST | Toluene | ug/kg | 0.63 | Max | 4.2E+08 | -- | 2E-09 | -- |
| 364 248TH ST | TPH as Diesel | mg/kg | 3478 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 364 248TH ST | TPH as Gasoline | mg/kg | 267.4 | 95UCL | 6.6E+04 | -- | 4E-03 | -- |
| 364 248TH ST | TPH as Motor Oil | mg/kg | 5125 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 364 248TH ST | Xylenes, Total | ug/kg | 514.2 | 95UCL | 4.9E+07 | -- | 1E-05 | -- |
| 367 244TH ST | Pyrene | mg/kg | 0.03 | Max | 1.5E+05 | -- | 2E-07 | -- |
| 367 244TH ST | Toluene | ug/kg | 0.16 | Max | 4.2E+08 | -- | 4E-10 | -- |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 367 244TH ST | TPH as Diesel | mg/kg | 68 | Max | 1.1E+05 | -- | 6E-04 | -- |
| 367 244TH ST | TPH as Motor Oil | mg/kg | 160 | Max | 2.9E+05 | -- | 6E-04 | -- |
| 367 249TH ST | 1,2,3-Trichloropropane | ug/kg | 12 | Max | 2.1E+05 | 1.9E+03 | 6E-05 | 6E-09 |
| 367 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 260.7 | 95UCL | 7.2E+06 | -- | 4E-05 | -- |
| 367 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 18.62 | 95UCL | 7.4E+06 | -- | 3E-06 | -- |
| 367 249TH ST | 1-Methylnaphthalene | mg/kg | 2.209 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-06 | 2E-09 |
| 367 249TH ST | 2-Methylnaphthalene | mg/kg | 2.775 | 95UCL | 2.0E+04 | -- | 1E-04 | -- |
| 367 249TH ST | Benzene | ug/kg | 3.878 | 95UCL | 5.8E+06 | 1.9E+04 | 7E-07 | 2E-10 |
| 367 249TH ST | Ethylbenzene | ug/kg | 110.5 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-07 | 3E-10 |
| 367 249TH ST | Naphthalene | mg/kg | 0.866 | 95UCL | 1.3E+04 | 3.5E+02 | 7E-05 | 3E-09 |
| 367 249TH ST | Pyrene | mg/kg | 0.815 | 95UCL | 1.5E+05 | -- | 5E-06 | -- |
| 367 249TH ST | Toluene | ug/kg | 0.38 | 95UCL | 4.2E+08 | -- | 9E-10 | -- |
| 367 249TH ST | TPH as Diesel | mg/kg | 2854 | 95UCL | 1.1E+05 | -- | 3E-02 | -- |
| 367 249TH ST | TPH as Gasoline | mg/kg | 108.6 | 95UCL | 6.6E+04 | -- | 2E-03 | -- |
| 367 249TH ST | TPH as Motor Oil | mg/kg | 4111 | 95UCL | 2.9E+05 | -- | 1E-02 | -- |
| 367 249TH ST | Xylenes, Total | ug/kg | 45.95 | 95UCL | 4.9E+07 | -- | 9E-07 | -- |
| 368 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 6838 | 95UCL | 7.2E+06 | -- | 1E-03 | -- |
| 368 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 2784 | 95UCL | 7.4E+06 | -- | 4E-04 | -- |
| 368 249TH ST | 1-Methylnaphthalene | mg/kg | 1.402 | 95UCL | 3.5E+05 | 1.4E+03 | 4E-06 | 1E-09 |
| 368 249TH ST | 2-Methylnaphthalene | mg/kg | 2.365 | 95UCL | 2.0E+04 | -- | 1E-04 | -- |
| 368 249TH ST | Benzene | ug/kg | 113.4 | 95UCL | 5.8E+06 | 1.9E+04 | 2E-05 | 6E-09 |
| 368 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 1.1E+05 | 3.0E+03 | 3E-06 | 1E-10 |
| 368 249TH ST | Chromium, Hexavalent | mg/kg | 0.304 | 95UCL | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 368 249TH ST | Ethylbenzene | ug/kg | 1237 | 95UCL | 2.9E+08 | 4.2E+05 | 4E-06 | 3E-09 |
| 368 249TH ST | Naphthalene | mg/kg | 2.284 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 7E-09 |
| 368 249TH ST | Pyrene | mg/kg | 0.0352 | 95UCL | 1.5E+05 | -- | 2E-07 | -- |
| 368 249TH ST | Toluene | ug/kg | 150 | Max | 4.2E+08 | -- | 4E-07 | -- |
| 368 249TH ST | TPH as Diesel | mg/kg | 1736 | 95UCL | 1.1E+05 | -- | 2E-02 | -- |
| 368 249TH ST | TPH as Gasoline | mg/kg | 497.9 | 95UCL | 6.6E+04 | -- | 8E-03 | -- |
| 368 249TH ST | TPH as Motor Oil | mg/kg | 1893 | 95UCL | 2.9E+05 | -- | 7E-03 | -- |
| 368 249TH ST | Xylenes, Total | ug/kg | 11745 | 95UCL | 4.9E+07 | -- | 2E-04 | -- |
| 373 249TH ST | 1,2,3-Trichloropropane | ug/kg | 4.2 | Max | 2.1E+05 | 1.9E+03 | 2E-05 | 2E-09 |
| 373 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 1287 | 95UCL | 7.2E+06 | -- | 2E-04 | -- |
| 373 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 139.4 | 95UCL | 7.4E+06 | -- | 2E-05 | -- |
| 373 249TH ST | 1-Methylnaphthalene | mg/kg | 5.813 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 4E-09 |
| 373 249TH ST | 2-Methylnaphthalene | mg/kg | 7.925 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 373 249TH ST | Benzene | ug/kg | 49.17 | 95UCL | 5.8E+06 | 1.9E+04 | 8E-06 | 3E-09 |
| 373 249TH ST | Ethylbenzene | ug/kg | 395.5 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-06 | 1E-09 |
| 373 249TH ST | Methylene Chloride | ug/kg | 3.7 | Max | 3.2E+07 | 4.7E+05 | 1E-07 | 8E-12 |
| 373 249TH ST | Naphthalene | mg/kg | 2.737 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 8E-09 |
| 373 249TH ST | Pyrene | mg/kg | 2.318 | 95UCL | 1.5E+05 | -- | 2E-05 | -- |
| 373 249TH ST | Toluene | ug/kg | 18 | Max | 4.2E+08 | -- | 4E-08 | -- |
| 373 249TH ST | TPH as Diesel | mg/kg | 4388 | 95UCL | 1.1E+05 | -- | 4E-02 | -- |
| 373 249TH ST | TPH as Gasoline | mg/kg | 85.95 | 95UCL | 6.6E+04 | -- | 1E-03 | -- |
| 373 249TH ST | TPH as Motor Oil | mg/kg | 5549 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 373 249TH ST | Xylenes, Total | ug/kg | 446.4 | 95UCL | 4.9E+07 | -- | 9E-06 | -- |
| 374 248TH ST | 1,2,4-Trimethylbenzene | ug/kg | 750.2 | 95UCL | 7.2E+06 | -- | 1E-04 | -- |
| 374 248TH ST | 1,3,5-Trimethylbenzene | ug/kg | 171.8 | 95UCL | 7.4E+06 | -- | 2E-05 | -- |
| 374 248TH ST | 1-Methylnaphthalene | mg/kg | 15.9 | 95UCL | 3.5E+05 | 1.4E+03 | 5E-05 | 1E-08 |
| 374 248TH ST | 2-Methylnaphthalene | mg/kg | 19.19 | 95UCL | 2.0E+04 | -- | 1E-03 | -- |
| 374 248TH ST | Benzene | ug/kg | 180.1 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-05 | 9E-09 |
| 374 248TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.23 | Max | 1.1E+05 | 3.0E+03 | 2E-06 | 8E-11 |
| 374 248TH ST | Ethylbenzene | ug/kg | 444.3 | 95UCL | 2.9E+08 | 4.2E+05 | 2E-06 | 1E-09 |
| 374 248TH ST | Methylene Chloride | ug/kg | 23 | Max | 3.2E+07 | 4.7E+05 | 7E-07 | 5E-11 |
| 374 248TH ST | Naphthalene | mg/kg | 1.7 | 95UCL | 1.3E+04 | 3.5E+02 | 1E-04 | 5E-09 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 374 248TH ST | Pyrene | mg/kg | 44.47 | 95UCL | 1.5E+05 | -- | 3E-04 | -- |
| 374 248TH ST | Toluene | ug/kg | 18.55 | 95UCL | 4.2E+08 | -- | 4E-08 | -- |
| 374 248TH ST | TPH as Diesel | mg/kg | 11836 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 374 248TH ST | TPH as Gasoline | mg/kg | 67.78 | 95UCL | 6.6E+04 | -- | 1E-03 | -- |
| 374 248TH ST | TPH as Motor Oil | mg/kg | 18408 | 95UCL | 2.9E+05 | -- | 6E-02 | -- |
| 374 248TH ST | Xylenes, Total | ug/kg | 485 | 95UCL | 4.9E+07 | -- | 1E-05 | -- |
| 374 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 4378 | 95UCL | 7.2E+06 | -- | 6E-04 | -- |
| 374 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 1400 | Max | 7.4E+06 | -- | 2E-04 | -- |
| 374 249TH ST | 1-Methylnaphthalene | mg/kg | 8.05 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 6E-09 |
| 374 249TH ST | 2-Methylnaphthalene | mg/kg | 12.27 | 95UCL | 2.0E+04 | -- | 6E-04 | -- |
| 374 249TH ST | Benzene | ug/kg | 1549 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-04 | 8E-08 |
| 374 249TH ST | Chromium, Hexavalent | mg/kg | 0.34 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 374 249TH ST | Ethylbenzene | ug/kg | 3238 | 95UCL | 2.9E+08 | 4.2E+05 | 1E-05 | 8E-09 |
| 374 249TH ST | Naphthalene | mg/kg | 4.627 | 95UCL | 1.3E+04 | 3.5E+02 | 4E-04 | 1E-08 |
| 374 249TH ST | Pyrene | mg/kg | 2.007 | 95UCL | 1.5E+05 | -- | 1E-05 | -- |
| 374 249TH ST | Toluene | ug/kg | 450 | Max | 4.2E+08 | -- | 1E-06 | -- |
| 374 249TH ST | TPH as Diesel | mg/kg | 7293 | 95UCL | 1.1E+05 | -- | 7E-02 | -- |
| 374 249TH ST | TPH as Gasoline | mg/kg | 770 | 95UCL | 6.6E+04 | -- | 1E-02 | -- |
| 374 249TH ST | TPH as Motor Oil | mg/kg | 7183 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 374 249TH ST | Xylenes, Total | ug/kg | 3138 | 95UCL | 4.9E+07 | -- | 6E-05 | -- |
| 377 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0036 | Max | 3.5E+05 | 1.4E+03 | 1E-08 | 3E-12 |
| 377 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0075 | Max | 2.0E+04 | -- | 4E-07 | -- |
| 377 244TH ST | Cobalt | mg/kg | 12.01 | 95UCL | 2.1E+03 | 2.7E+06 | 6E-03 | 4E-12 |
| 377 244TH ST | Naphthalene | mg/kg | 0.0048 | Max | 1.3E+04 | 3.5E+02 | 4E-07 | 1E-11 |
| 377 244TH ST | Pyrene | mg/kg | 0.036 | Max | 1.5E+05 | -- | 2E-07 | -- |
| 377 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 4500 | 95UCL | 7.2E+06 | -- | 6E-04 | -- |
| 377 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 1600 | 95UCL | 7.4E+06 | -- | 2E-04 | -- |
| 377 249TH ST | 1-Methylnaphthalene | mg/kg | 5.718 | 95UCL | 3.5E+05 | 1.4E+03 | 2E-05 | 4E-09 |
| 377 249TH ST | 2-Methylnaphthalene | mg/kg | 8.594 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 377 249TH ST | Benzene | ug/kg | 360 | 95UCL | 5.8E+06 | 1.9E+04 | 6E-05 | 2E-08 |
| 377 249TH ST | Ethylbenzene | ug/kg | 1300 | 95UCL | 2.9E+08 | 4.2E+05 | 5E-06 | 3E-09 |
| 377 249TH ST | Naphthalene | mg/kg | 2.797 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 8E-09 |
| 377 249TH ST | Pyrene | mg/kg | 1.386 | 95UCL | 1.5E+05 | -- | 9E-06 | -- |
| 377 249TH ST | Toluene | ug/kg | 0.25 | Max | 4.2E+08 | -- | 6E-10 | -- |
| 377 249TH ST | TPH as Diesel | mg/kg | 7288 | 95UCL | 1.1E+05 | -- | 7E-02 | -- |
| 377 249TH ST | TPH as Gasoline | mg/kg | 430 | 95UCL | 6.6E+04 | -- | 7E-03 | -- |
| 377 249TH ST | TPH as Motor Oil | mg/kg | 7913 | 95UCL | 2.9E+05 | -- | 3E-02 | -- |
| 377 249TH ST | Xylenes, Total | ug/kg | 1485 | 95UCL | 4.9E+07 | -- | 3E-05 | -- |
| 378 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 115.6 | 95UCL | 7.2E+06 | -- | 2E-05 | -- |
| 378 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 47 | Max | 7.4E+06 | -- | 6E-06 | -- |
| 378 249TH ST | 1-Methylnaphthalene | mg/kg | 2.97 | 95UCL | 3.5E+05 | 1.4E+03 | 9E-06 | 2E-09 |
| 378 249TH ST | 2-Methylnaphthalene | mg/kg | 8.488 | 95UCL | 2.0E+04 | -- | 4E-04 | -- |
| 378 249TH ST | Benzene | ug/kg | 250 | Max | 5.8E+06 | 1.9E+04 | 4E-05 | 1E-08 |
| 378 249TH ST | Ethylbenzene | ug/kg | 3400 | Max | 2.9E+08 | 4.2E+05 | 1E-05 | 8E-09 |
| 378 249TH ST | Naphthalene | mg/kg | 3.12 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-04 | 9E-09 |
| 378 249TH ST | Pyrene | mg/kg | 0.213 | 95UCL | 1.5E+05 | -- | 1E-06 | -- |
| 378 249TH ST | Toluene | ug/kg | 13 | Max | 4.2E+08 | -- | 3E-08 | -- |
| 378 249TH ST | TPH as Diesel | mg/kg | 5400 | Max | 1.1E+05 | -- | 5E-02 | -- |
| 378 249TH ST | TPH as Gasoline | mg/kg | 293.5 | 95UCL | 6.6E+04 | -- | 4E-03 | -- |
| 378 249TH ST | TPH as Motor Oil | mg/kg | 5100 | Max | 2.9E+05 | -- | 2E-02 | -- |
| 378 249TH ST | Xylenes, Total | ug/kg | 220 | Max | 4.9E+07 | -- | 5E-06 | -- |
| 383 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 900 | 95UCL | 7.2E+06 | -- | 1E-04 | -- |
| 383 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 34.29 | 95UCL | 7.4E+06 | -- | 5E-06 | -- |
| 383 249TH ST | 1-Methylnaphthalene | mg/kg | 4.226 | 95UCL | 3.5E+05 | 1.4E+03 | 1E-05 | 3E-09 |
| 383 249TH ST | 2,4-Dinitrotoluene | mg/kg | 0.12 | Max | 1.1E+04 | 1.4E+02 | 1E-05 | 9E-10 |

**Table E-3**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Infrequent Contact Onsite Resident**
**Soil >5 to ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Onsite Resident (EF4) | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 383 249TH ST | 2-Methylnaphthalene | mg/kg | 6.626 | 95UCL | 2.0E+04 | -- | 3E-04 | -- |
| 383 249TH ST | Benzene | ug/kg | 27.26 | 95UCL | 5.8E+06 | 1.9E+04 | 5E-06 | 1E-09 |
| 383 249TH ST | Ethylbenzene | ug/kg | 265.7 | 95UCL | 2.9E+08 | 4.2E+05 | 9E-07 | 6E-10 |
| 383 249TH ST | Naphthalene | mg/kg | 3.4 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-04 | 1E-08 |
| 383 249TH ST | Pyrene | mg/kg | 1.288 | 95UCL | 1.5E+05 | -- | 9E-06 | -- |
| 383 249TH ST | Toluene | ug/kg | 1.962 | 95UCL | 4.2E+08 | -- | 5E-09 | -- |
| 383 249TH ST | TPH as Diesel | mg/kg | 4119 | 95UCL | 1.1E+05 | -- | 4E-02 | -- |
| 383 249TH ST | TPH as Gasoline | mg/kg | 201.8 | 95UCL | 6.6E+04 | -- | 3E-03 | -- |
| 383 249TH ST | TPH as Motor Oil | mg/kg | 4606 | 95UCL | 2.9E+05 | -- | 2E-02 | -- |
| 383 249TH ST | Xylenes, Total | ug/kg | 43.55 | 95UCL | 4.9E+07 | -- | 9E-07 | -- |
| 402 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 1.7 | Max | 7.2E+06 | -- | 2E-07 | -- |
| 402 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 0.1 | Max | 7.4E+06 | -- | 1E-08 | -- |
| 402 249TH ST | 1-Methylnaphthalene | mg/kg | 0.019 | Max | 3.5E+05 | 1.4E+03 | 5E-08 | 1E-11 |
| 402 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0204 | 95UCL | 2.0E+04 | -- | 1E-06 | -- |
| 402 249TH ST | Benzene | ug/kg | 0.2 | Max | 5.8E+06 | 1.9E+04 | 3E-08 | 1E-11 |
| 402 249TH ST | Ethylbenzene | ug/kg | 0.42 | Max | 2.9E+08 | 4.2E+05 | 2E-09 | 1E-12 |
| 402 249TH ST | Naphthalene | mg/kg | 0.00405 | 95UCL | 1.3E+04 | 3.5E+02 | 3E-07 | 1E-11 |
| 402 249TH ST | Pyrene | mg/kg | 0.0417 | 95UCL | 1.5E+05 | -- | 3E-07 | -- |
| 402 249TH ST | Toluene | ug/kg | 0.15 | Max | 4.2E+08 | -- | 4E-10 | -- |
| 402 249TH ST | TPH as Diesel | mg/kg | 16 | Max | 1.1E+05 | -- | 2E-04 | -- |
| 402 249TH ST | TPH as Gasoline | mg/kg | 0.22 | Max | 6.6E+04 | -- | 3E-06 | -- |
| 402 249TH ST | TPH as Motor Oil | mg/kg | 52 | Max | 2.9E+05 | -- | 2E-04 | -- |
| 402 249TH ST | Xylenes, Total | ug/kg | 0.3 | Max | 4.9E+07 | -- | 6E-09 | -- |
| 408 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 0.18 | Max | 7.2E+06 | -- | 3E-08 | -- |
| 408 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0012 | Max | 3.5E+05 | 1.4E+03 | 3E-09 | 9E-13 |
| 408 249TH ST | 2-Methylnaphthalene | mg/kg | 0.004 | Max | 2.0E+04 | -- | 2E-07 | -- |
| 408 249TH ST | Benzene | ug/kg | 1.2 | Max | 5.8E+06 | 1.9E+04 | 2E-07 | 6E-11 |
| 408 249TH ST | Naphthalene | mg/kg | 0.0021 | Max | 1.3E+04 | 3.5E+02 | 2E-07 | 6E-12 |
| 408 249TH ST | Pyrene | mg/kg | 0.014 | Max | 1.5E+05 | -- | 9E-08 | -- |
| 408 249TH ST | Toluene | ug/kg | 0.57 | Max | 4.2E+08 | -- | 1E-09 | -- |
| 408 249TH ST | TPH as Diesel | mg/kg | 160 | Max | 1.1E+05 | -- | 2E-03 | -- |
| 408 249TH ST | TPH as Motor Oil | mg/kg | 350 | Max | 2.9E+05 | -- | 1E-03 | -- |
| 412 249TH ST | 1,2,4-Trimethylbenzene | ug/kg | 1.08 | 95UCL | 7.2E+06 | -- | 2E-07 | -- |
| 412 249TH ST | 1,3,5-Trimethylbenzene | ug/kg | 1.5 | Max | 7.4E+06 | -- | 2E-07 | -- |
| 412 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0211 | 95UCL | 3.5E+05 | 1.4E+03 | 6E-08 | 2E-11 |
| 412 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0958 | 95UCL | 2.0E+04 | -- | 5E-06 | -- |
| 412 249TH ST | Benzene | ug/kg | 0.145 | 95UCL | 5.8E+06 | 1.9E+04 | 3E-08 | 8E-12 |
| 412 249TH ST | Chromium, Hexavalent | mg/kg | 0.33 | Max | 2.1E+04 | 1.1E+02 | 2E-05 | 3E-09 |
| 412 249TH ST | Ethylbenzene | ug/kg | 0.71 | Max | 2.9E+08 | 4.2E+05 | 3E-09 | 2E-12 |
| 412 249TH ST | Naphthalene | mg/kg | 0.0229 | 95UCL | 1.3E+04 | 3.5E+02 | 2E-06 | 7E-11 |
| 412 249TH ST | Pyrene | mg/kg | 25.45 | 95UCL | 1.5E+05 | -- | 2E-04 | -- |
| 412 249TH ST | Toluene | ug/kg | 0.14 | Max | 4.2E+08 | -- | 3E-10 | -- |
| 412 249TH ST | TPH as Diesel | mg/kg | 14051 | 95UCL | 1.1E+05 | -- | 1E-01 | -- |
| 412 249TH ST | TPH as Gasoline | mg/kg | 3.233 | 95UCL | 6.6E+04 | -- | 5E-05 | -- |
| 412 249TH ST | TPH as Motor Oil | mg/kg | 20334 | 95UCL | 2.9E+05 | -- | 7E-02 | -- |
| 412 249TH ST | Xylenes, Total | ug/kg | 2.6 | Max | 4.9E+07 | -- | 5E-08 | -- |

Notes:

" -- " not applicable; COC = Constituent of Concern; 95UCL = 95 percent upper confidence limit

EF4 = exposure frequency of 4 days per year; ft bgs = feet below ground surface

SSCG = Site-specific cleanup goals; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects

EPC = exposure point concentration based on the 95UCLs; if not available, maximum detect (Max) was used as the EPC.

No COC-specific noncancer hazard or COC-specific cancer risk >1 nor >1E-06, respectively

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24401 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.21 | Max | 8.3E+05 | 5.7E+03 | 3E-07 | 4E-10 |
| 24401 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.12 | Max | 7.5E+04 | -- | 2E-06 | -- |
| 24401 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00721 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-08 | 3E-11 |
| 24401 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0135 | 95UCL | 1.1E+04 | -- | 1E-06 | -- |
| 24401 MARBELLA AVE | Benzene | µg/kg | 0.185 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24401 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.6 | Max | 6.3E+04 | 6.4E+03 | 3E-05 | 3E-09 |
| 24401 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 7E-07 |
| 24401 MARBELLA AVE | Cobalt | mg/kg | 12.07 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24401 MARBELLA AVE | Ethylbenzene | µg/kg | 0.44 | Max | 4.5E+06 | 5.1E+04 | 1E-07 | 9E-11 |
| 24401 MARBELLA AVE | Methylene Chloride | µg/kg | 5.6 | Max | 1.2E+06 | 5.9E+04 | 5E-06 | 1E-09 |
| 24401 MARBELLA AVE | Naphthalene | mg/kg | 0.00816 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-05 | 2E-09 |
| 24401 MARBELLA AVE | Pyrene | mg/kg | 0.0848 | 95UCL | 6.7E+04 | -- | 1E-06 | -- |
| 24401 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.42 | Max | 8.6E+04 | 1.0E+04 | 5E-06 | 4E-10 |
| 24401 MARBELLA AVE | Toluene | µg/kg | 1.1 | Max | 1.6E+07 | -- | 7E-08 | -- |
| 24401 MARBELLA AVE | TPH as Diesel | mg/kg | 73.95 | 95UCL | 1.9E+03 | -- | 4E-02 | -- |
| 24401 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0745 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 24401 MARBELLA AVE | TPH as Motor Oil | mg/kg | 208.1 | 95UCL | 1.6E+05 | -- | 1E-03 | -- |
| 24401 MARBELLA AVE | Vanadium | mg/kg | 42.07 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24402 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.645 | 95UCL | 7.5E+04 | -- | 9E-06 | -- |
| 24402 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.66 | Max | 7.7E+04 | -- | 9E-06 | -- |
| 24402 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.861 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-06 | 3E-09 |
| 24402 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.712 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24402 NEPTUNE AVE | Benzene | µg/kg | 0.202 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24402 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24402 NEPTUNE AVE | Cobalt | mg/kg | 10.03 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24402 NEPTUNE AVE | Ethylbenzene | µg/kg | 5.651 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-06 | 1E-09 |
| 24402 NEPTUNE AVE | Naphthalene | mg/kg | 0.463 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-03 | 1E-07 |
| 24402 NEPTUNE AVE | Pyrene | mg/kg | 1.053 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24402 NEPTUNE AVE | Toluene | µg/kg | 0.205 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24402 NEPTUNE AVE | TPH as Diesel | mg/kg | 2428 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24402 NEPTUNE AVE | TPH as Gasoline | mg/kg | 18.43 | 95UCL | 8.6E+02 | -- | 2E-02 | -- |
| 24402 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2113 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24402 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.829 | 95UCL | 4.7E+05 | -- | 2E-06 | -- |
| 24402 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.291 | 95UCL | 7.5E+04 | -- | 4E-06 | -- |
| 24402 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.21 | Max | 7.7E+04 | -- | 3E-06 | -- |
| 24402 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00551 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-08 | 2E-11 |
| 24402 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 0.066 | Max | 6.3E+03 | 2.8E+02 | 1E-05 | 2E-09 |
| 24402 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0279 | 95UCL | 1.1E+04 | -- | 3E-06 | -- |
| 24402 PANAMA AVE | Benzene | µg/kg | 0.2 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24402 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.66 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24402 PANAMA AVE | Bromomethane | µg/kg | 1.9 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24402 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.285 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24402 PANAMA AVE | Cobalt | mg/kg | 11.37 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24402 PANAMA AVE | Ethylbenzene | µg/kg | 0.175 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-08 | 3E-11 |
| 24402 PANAMA AVE | Naphthalene | mg/kg | 0.00577 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-05 | 2E-09 |
| 24402 PANAMA AVE | Pyrene | mg/kg | 0.13 | 95UCL | 6.7E+04 | -- | 2E-06 | -- |
| 24402 PANAMA AVE | Toluene | µg/kg | 0.378 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24402 PANAMA AVE | TPH as Diesel | mg/kg | 500.7 | 95UCL | 1.9E+03 | -- | 3E-01 | -- |
| 24402 PANAMA AVE | TPH as Gasoline | mg/kg | 0.07 | 95UCL | 8.6E+02 | -- | 8E-05 | -- |
| 24402 PANAMA AVE | TPH as Motor Oil | mg/kg | 842.2 | 95UCL | 1.6E+05 | -- | 5E-03 | -- |
| 24402 PANAMA AVE | Trichloroethene | µg/kg | 0.17 | Max | 5.5E+03 | 1.9E+04 | 3E-05 | 9E-11 |
| 24402 PANAMA AVE | Vanadium | mg/kg | 37.78 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24402 PANAMA AVE | Xylenes, Total | µg/kg | 0.365 | 95UCL | 4.7E+05 | -- | 8E-07 | -- |
| 24402 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 5855 | 95UCL | 7.5E+04 | -- | 8E-02 | -- |
| 24402 RAVENNA AVE | 1,2-Dichloropropane | µg/kg | 0.65 | Max | 1.2E+04 | 8.5E+03 | 5E-05 | 8E-10 |
| 24402 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1712 | 95UCL | 7.7E+04 | -- | 2E-02 | -- |
| 24402 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 12.01 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-05 | 5E-08 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24402 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 19.19 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24402 RAVENNA AVE | Benzene | µg/kg | 2135 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-02 | 1E-05 |
| 24402 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.38 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24402 RAVENNA AVE | Bromomethane | µg/kg | 1.1 | Max | 7.8E+03 | -- | 1E-04 | -- |
| 24402 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.157 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 2E-07 |
| 24402 RAVENNA AVE | Cobalt | mg/kg | 11.09 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24402 RAVENNA AVE | Ethylbenzene | µg/kg | 3220 | 95UCL | 4.5E+06 | 5.1E+04 | 7E-04 | 6E-07 |
| 24402 RAVENNA AVE | Naphthalene | mg/kg | 9.183 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-02 | 2E-06 |
| 24402 RAVENNA AVE | Pyrene | mg/kg | 0.662 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24402 RAVENNA AVE | Toluene | µg/kg | 68.07 | 95UCL | 1.6E+07 | -- | 4E-06 | -- |
| 24402 RAVENNA AVE | TPH as Diesel | mg/kg | 7874 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24402 RAVENNA AVE | TPH as Gasoline | mg/kg | 1091 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24402 RAVENNA AVE | TPH as Motor Oil | mg/kg | 7158 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24402 RAVENNA AVE | Xylenes, Total | µg/kg | 4661 | 95UCL | 4.7E+05 | -- | 1E-02 | -- |
| 24403 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 4666 | 95UCL | 7.5E+04 | -- | 6E-02 | -- |
| 24403 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 707.6 | 95UCL | 7.7E+04 | -- | 9E-03 | -- |
| 24403 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 7.801 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24403 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 11.79 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24403 NEPTUNE AVE | Benzene | µg/kg | 1673 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-02 | 8E-06 |
| 24403 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.38 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24403 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24403 NEPTUNE AVE | Cobalt | mg/kg | 10.85 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 1E-06 |
| 24403 NEPTUNE AVE | Ethylbenzene | µg/kg | 3081 | 95UCL | 4.5E+06 | 5.1E+04 | 7E-04 | 6E-07 |
| 24403 NEPTUNE AVE | Naphthalene | mg/kg | 5.38 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 1E-06 |
| 24403 NEPTUNE AVE | Pyrene | mg/kg | 1.776 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24403 NEPTUNE AVE | Toluene | µg/kg | 250.6 | 95UCL | 1.6E+07 | -- | 2E-05 | -- |
| 24403 NEPTUNE AVE | TPH as Diesel | mg/kg | 9042 | 95UCL | 1.9E+03 | -- | **5E+00** | -- |
| 24403 NEPTUNE AVE | TPH as Gasoline | mg/kg | 484.8 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24403 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 9528 | 95UCL | 1.6E+05 | -- | 6E-02 | -- |
| 24403 NEPTUNE AVE | Xylenes, Total | µg/kg | 3652 | 95UCL | 4.7E+05 | -- | 8E-03 | -- |
| 24403 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 706.4 | 95UCL | 7.5E+04 | -- | 9E-03 | -- |
| 24403 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2100 | Max | 7.7E+04 | -- | 3E-02 | -- |
| 24403 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.402 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-06 | 5E-09 |
| 24403 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.904 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24403 RAVENNA AVE | Benzene | µg/kg | 15.54 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-04 | 7E-08 |
| 24403 RAVENNA AVE | Bromomethane | µg/kg | 2.4 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24403 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.288 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24403 RAVENNA AVE | Cobalt | mg/kg | 10.45 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24403 RAVENNA AVE | Ethylbenzene | µg/kg | 166.8 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-05 | 3E-08 |
| 24403 RAVENNA AVE | Naphthalene | mg/kg | 0.826 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-03 | 2E-07 |
| 24403 RAVENNA AVE | Pyrene | mg/kg | 0.584 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24403 RAVENNA AVE | Toluene | µg/kg | 0.974 | 95UCL | 1.6E+07 | -- | 6E-08 | -- |
| 24403 RAVENNA AVE | TPH as Diesel | mg/kg | 2290 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24403 RAVENNA AVE | TPH as Gasoline | mg/kg | 91.94 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24403 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2597 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24403 RAVENNA AVE | Vinyl Chloride | µg/kg | 0.18 | Max | 8.7E+04 | 3.1E+02 | 2E-06 | 6E-09 |
| 24403 RAVENNA AVE | Xylenes, Total | µg/kg | 240.7 | 95UCL | 4.7E+05 | -- | 5E-04 | -- |
| 24405 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.43 | Max | 7.5E+04 | -- | 6E-06 | -- |
| 24405 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0017 | Max | 1.9E+05 | 2.7E+03 | 9E-09 | 6E-12 |
| 24405 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00324 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 24405 MARBELLA AVE | Benzene | µg/kg | 0.293 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24405 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24405 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 9E-07 |
| 24405 MARBELLA AVE | Cobalt | mg/kg | 12.24 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24405 MARBELLA AVE | Ethylbenzene | µg/kg | 0.38 | Max | 4.5E+06 | 5.1E+04 | 8E-08 | 8E-11 |
| 24405 MARBELLA AVE | Naphthalene | mg/kg | 0.0055 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-05 | 1E-09 |
| 24405 MARBELLA AVE | Pyrene | mg/kg | 0.0426 | 95UCL | 6.7E+04 | -- | 6E-07 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24405 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.74 | Max | 8.6E+04 | 1.0E+04 | 9E-06 | 7E-10 |
| 24405 MARBELLA AVE | Toluene | µg/kg | 0.691 | 95UCL | 1.6E+07 | -- | 4E-08 | -- |
| 24405 MARBELLA AVE | TPH as Diesel | mg/kg | 178.8 | 95UCL | 1.9E+03 | -- | 9E-02 | -- |
| 24405 MARBELLA AVE | TPH as Motor Oil | mg/kg | 413.1 | 95UCL | 1.6E+05 | -- | 3E-03 | -- |
| 24405 MARBELLA AVE | Xylenes, Total | µg/kg | 2.4 | Max | 4.7E+05 | -- | 5E-06 | -- |
| 24406 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.18 | Max | 8.3E+05 | 5.7E+03 | 2E-07 | 3E-10 |
| 24406 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2417 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24406 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 4940 | 95UCL | 7.7E+04 | -- | 6E-02 | -- |
| 24406 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.22 | Max | 8.7E+06 | 2.8E+04 | 3E-08 | 8E-11 |
| 24406 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 4.079 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24406 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 8.28 | 95UCL | 1.1E+04 | -- | 8E-04 | -- |
| 24406 MARBELLA AVE | Benzene | µg/kg | 1876 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-02 | 8E-06 |
| 24406 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.98 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24406 MARBELLA AVE | Bromomethane | µg/kg | 380 | Max | 7.8E+03 | -- | 5E-02 | -- |
| 24406 MARBELLA AVE | Cobalt | mg/kg | 10.88 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 1E-06 |
| 24406 MARBELLA AVE | Ethylbenzene | µg/kg | 15000 | Max | 4.5E+06 | 5.1E+04 | 3E-03 | 3E-06 |
| 24406 MARBELLA AVE | Naphthalene | mg/kg | 3.603 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 9E-07 |
| 24406 MARBELLA AVE | Pyrene | mg/kg | 0.335 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24406 MARBELLA AVE | Toluene | µg/kg | 4733 | 95UCL | 1.6E+07 | -- | 3E-04 | -- |
| 24406 MARBELLA AVE | TPH as Diesel | mg/kg | 4319 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24406 MARBELLA AVE | TPH as Gasoline | mg/kg | 741.3 | 95UCL | 8.6E+02 | -- | 9E-01 | -- |
| 24406 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4117 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24406 MARBELLA AVE | Trichloroethene | µg/kg | 0.16 | Max | 5.5E+03 | 1.9E+04 | 3E-05 | 9E-11 |
| 24406 MARBELLA AVE | Xylenes, Total | µg/kg | 9524 | 95UCL | 4.7E+05 | -- | 2E-02 | -- |
| 24406 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 941.7 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24406 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 720 | Max | 7.7E+04 | -- | 9E-03 | -- |
| 24406 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.778 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-06 | 7E-09 |
| 24406 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 2.531 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24406 NEPTUNE AVE | Benzene | µg/kg | 25.54 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-04 | 1E-07 |
| 24406 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 3.3 | Max | 6.3E+04 | 6.4E+03 | 5E-05 | 5E-09 |
| 24406 NEPTUNE AVE | Cobalt | mg/kg | 10.27 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24406 NEPTUNE AVE | Ethylbenzene | µg/kg | 226.2 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-05 | 4E-08 |
| 24406 NEPTUNE AVE | Naphthalene | mg/kg | 1.259 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-03 | 3E-07 |
| 24406 NEPTUNE AVE | Pyrene | mg/kg | 0.732 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24406 NEPTUNE AVE | TPH as Diesel | mg/kg | 6316 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24406 NEPTUNE AVE | TPH as Gasoline | mg/kg | 117.8 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24406 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 14325 | 95UCL | 1.6E+05 | -- | 9E-02 | -- |
| 24406 NEPTUNE AVE | Xylenes, Total | µg/kg | 428.6 | 95UCL | 4.7E+05 | -- | 9E-04 | -- |
| 24406 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.61 | Max | 7.5E+04 | -- | 8E-06 | -- |
| 24406 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.12 | Max | 7.7E+04 | -- | 2E-06 | -- |
| 24406 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.67 | Max | 1.9E+05 | 2.7E+03 | 4E-06 | 3E-09 |
| 24406 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.196 | 95UCL | 1.1E+04 | -- | 2E-05 | -- |
| 24406 PANAMA AVE | Benzene | µg/kg | 0.189 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24406 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.189 | 95UCL | 3.2E+03 | 6.7E+00 | 6E-05 | 3E-07 |
| 24406 PANAMA AVE | Cobalt | mg/kg | 10.72 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24406 PANAMA AVE | Naphthalene | mg/kg | 0.032 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-04 | 8E-09 |
| 24406 PANAMA AVE | Pyrene | mg/kg | 0.64 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24406 PANAMA AVE | Toluene | µg/kg | 0.194 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24406 PANAMA AVE | TPH as Diesel | mg/kg | 2396 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24406 PANAMA AVE | TPH as Motor Oil | mg/kg | 2953 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24406 PANAMA AVE | Xylenes, Total | µg/kg | 0.2 | Max | 4.7E+05 | -- | 4E-07 | -- |
| 24406 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 110 | Max | 7.5E+04 | -- | 2E-03 | -- |
| 24406 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 16 | Max | 7.7E+04 | -- | 2E-04 | -- |
| 24406 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.612 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-06 | 2E-09 |
| 24406 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.817 | 95UCL | 1.1E+04 | -- | 7E-05 | -- |
| 24406 RAVENNA AVE | Benzene | µg/kg | 0.18 | Max | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24406 RAVENNA AVE | Bromomethane | µg/kg | 1.3 | Max | 7.8E+03 | -- | 2E-04 | -- |

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**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24406 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 9E-07 |
| 24406 RAVENNA AVE | Ethylbenzene | µg/kg | 360 | Max | 4.5E+06 | 5.1E+04 | 8E-05 | 7E-08 |
| 24406 RAVENNA AVE | Naphthalene | mg/kg | 0.27 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-03 | 7E-08 |
| 24406 RAVENNA AVE | Pyrene | mg/kg | 0.255 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24406 RAVENNA AVE | Toluene | µg/kg | 3.064 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 24406 RAVENNA AVE | TPH as Diesel | mg/kg | 959.4 | 95UCL | 1.9E+03 | -- | 5E-01 | -- |
| 24406 RAVENNA AVE | TPH as Gasoline | mg/kg | 3.442 | 95UCL | 8.6E+02 | -- | 4E-03 | -- |
| 24406 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1742 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24406 RAVENNA AVE | Xylenes, Total | µg/kg | 110 | Max | 4.7E+05 | -- | 2E-04 | -- |
| 24409 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 28.28 | 95UCL | 7.5E+04 | -- | 4E-04 | -- |
| 24409 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.19 | Max | 7.7E+04 | -- | 3E-06 | -- |
| 24409 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 24409 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.811 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-06 | 3E-09 |
| 24409 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.711 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24409 NEPTUNE AVE | Benzene | µg/kg | 112.9 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-03 | 5E-07 |
| 24409 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.43 | Max | 6.3E+04 | 6.4E+03 | 7E-06 | 7E-10 |
| 24409 NEPTUNE AVE | Ethylbenzene | µg/kg | 212.5 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-05 | 4E-08 |
| 24409 NEPTUNE AVE | Naphthalene | mg/kg | 0.434 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-03 | 1E-07 |
| 24409 NEPTUNE AVE | Pyrene | mg/kg | 0.733 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24409 NEPTUNE AVE | Toluene | µg/kg | 0.34 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24409 NEPTUNE AVE | TPH as Diesel | mg/kg | 4008 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24409 NEPTUNE AVE | TPH as Gasoline | mg/kg | 187.8 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24409 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5861 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24409 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.911 | 95UCL | 4.7E+05 | -- | 2E-06 | -- |
| 24409 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.178 | 95UCL | 7.5E+04 | -- | 2E-06 | -- |
| 24409 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.22 | Max | 7.7E+04 | -- | 3E-06 | -- |
| 24409 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.119 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-06 | 4E-09 |
| 24409 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 2.273 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24409 RAVENNA AVE | Benzene | µg/kg | 0.25 | Max | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24409 RAVENNA AVE | Cobalt | mg/kg | 9.98 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24409 RAVENNA AVE | Ethylbenzene | µg/kg | 7.388 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-06 | 2E-09 |
| 24409 RAVENNA AVE | Naphthalene | mg/kg | 0.456 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-03 | 1E-07 |
| 24409 RAVENNA AVE | Pyrene | mg/kg | 0.702 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24409 RAVENNA AVE | Toluene | µg/kg | 0.151 | 95UCL | 1.6E+07 | -- | 9E-09 | -- |
| 24409 RAVENNA AVE | TPH as Diesel | mg/kg | 1905 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24409 RAVENNA AVE | TPH as Gasoline | mg/kg | 62.34 | 95UCL | 8.6E+02 | -- | 7E-02 | -- |
| 24409 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2654 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24409 RAVENNA AVE | Xylenes, Total | µg/kg | 0.732 | 95UCL | 4.7E+05 | -- | 2E-06 | -- |
| 24410 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0145 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-08 | 5E-11 |
| 24410 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 0.068 | Max | 6.3E+03 | 2.8E+02 | 1E-05 | 2E-09 |
| 24410 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0252 | 95UCL | 1.1E+04 | -- | 2E-06 | -- |
| 24410 PANAMA AVE | Benzene | µg/kg | 3.528 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-05 | 2E-08 |
| 24410 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.21 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24410 PANAMA AVE | Bromomethane | µg/kg | 2.3 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24410 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24410 PANAMA AVE | Cobalt | mg/kg | 9.678 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24410 PANAMA AVE | Naphthalene | mg/kg | 0.00886 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-05 | 2E-09 |
| 24410 PANAMA AVE | Pyrene | mg/kg | 0.184 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 24410 PANAMA AVE | Tetrachloroethene | µg/kg | 0.23 | Max | 8.6E+04 | 1.0E+04 | 3E-06 | 2E-10 |
| 24410 PANAMA AVE | Toluene | µg/kg | 0.594 | 95UCL | 1.6E+07 | -- | 4E-08 | -- |
| 24410 PANAMA AVE | TPH as Diesel | mg/kg | 238.4 | 95UCL | 1.9E+03 | -- | 1E-01 | -- |
| 24410 PANAMA AVE | TPH as Gasoline | mg/kg | 0.058 | Max | 8.6E+02 | -- | 7E-05 | -- |
| 24410 PANAMA AVE | TPH as Motor Oil | mg/kg | 822.7 | 95UCL | 1.6E+05 | -- | 5E-03 | -- |
| 24410 PANAMA AVE | Trichloroethene | µg/kg | 0.2 | Max | 5.5E+03 | 1.9E+04 | 4E-05 | 1E-10 |
| 24410 PANAMA AVE | Xylenes, Total | µg/kg | 0.61 | Max | 4.7E+05 | -- | 1E-06 | -- |
| 24411 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 67.89 | 95UCL | 7.5E+04 | -- | 9E-04 | -- |
| 24411 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 82 | Max | 7.7E+04 | -- | 1E-03 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24411 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.33 | Max | 8.7E+06 | 2.8E+04 | 4E-08 | 1E-10 |
| 24411 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 1.826 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-06 | 7E-09 |
| 24411 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 4.455 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24411 MARBELLA AVE | Benzene | µg/kg | 0.183 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24411 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.36 | 95UCL | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24411 MARBELLA AVE | Cobalt | mg/kg | 11.18 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24411 MARBELLA AVE | Ethylbenzene | µg/kg | 76 | Max | 4.5E+06 | 5.1E+04 | 2E-05 | 2E-08 |
| 24411 MARBELLA AVE | Naphthalene | mg/kg | 0.689 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-03 | 2E-07 |
| 24411 MARBELLA AVE | Pyrene | mg/kg | 1.311 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24411 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.37 | 95UCL | 8.6E+04 | 1.0E+04 | 4E-06 | 4E-10 |
| 24411 MARBELLA AVE | Toluene | µg/kg | 10.61 | 95UCL | 1.6E+07 | -- | 7E-07 | -- |
| 24411 MARBELLA AVE | TPH as Diesel | mg/kg | 4283 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24411 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.13 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 24411 MARBELLA AVE | TPH as Motor Oil | mg/kg | 6751 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24411 MARBELLA AVE | Trichloroethene | µg/kg | 0.48 | Max | 5.5E+03 | 1.9E+04 | 9E-05 | 3E-10 |
| 24411 MARBELLA AVE | Xylenes, Total | µg/kg | 36.09 | 95UCL | 4.7E+05 | -- | 8E-05 | -- |
| 24411 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 6840 | 95UCL | 7.5E+04 | -- | 9E-02 | -- |
| 24411 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2229 | 95UCL | 7.7E+04 | -- | 3E-02 | -- |
| 24411 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 24411 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 9.877 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-05 | 4E-08 |
| 24411 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 16.08 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24411 PANAMA AVE | Benzene | µg/kg | 2532 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-02 | 1E-05 |
| 24411 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.3 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24411 PANAMA AVE | Bromomethane | µg/kg | 270 | Max | 7.8E+03 | -- | 4E-02 | -- |
| 24411 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24411 PANAMA AVE | Cobalt | mg/kg | 10.85 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 1E-06 |
| 24411 PANAMA AVE | Ethylbenzene | µg/kg | 2419 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-04 | 5E-07 |
| 24411 PANAMA AVE | Naphthalene | mg/kg | 7.637 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24411 PANAMA AVE | Pyrene | mg/kg | 0.218 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 24411 PANAMA AVE | Toluene | µg/kg | 474.4 | 95UCL | 1.6E+07 | -- | 3E-05 | -- |
| 24411 PANAMA AVE | TPH as Diesel | mg/kg | 6337 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24411 PANAMA AVE | TPH as Gasoline | mg/kg | 1037 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24411 PANAMA AVE | TPH as Motor Oil | mg/kg | 5449 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24411 PANAMA AVE | Xylenes, Total | µg/kg | 8771 | 95UCL | 4.7E+05 | -- | 2E-02 | -- |
| 24412 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4881 | 95UCL | 7.5E+04 | -- | 7E-02 | -- |
| 24412 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 7900 | Max | 7.7E+04 | -- | 1E-01 | -- |
| 24412 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.34 | Max | 8.7E+06 | 2.8E+04 | 4E-08 | 1E-10 |
| 24412 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 5.304 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24412 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 12.28 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24412 MARBELLA AVE | Benzene | µg/kg | 986.8 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-02 | 4E-06 |
| 24412 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24412 MARBELLA AVE | Bromomethane | µg/kg | 6.2 | Max | 7.8E+03 | -- | 8E-04 | -- |
| 24412 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.172 | 95UCL | 3.2E+03 | 6.7E+00 | 6E-05 | 3E-07 |
| 24412 MARBELLA AVE | Cobalt | mg/kg | 13.36 | 95UCL | 2.0E+02 | 1.1E+02 | 7E-02 | 1E-06 |
| 24412 MARBELLA AVE | Ethylbenzene | µg/kg | 2011 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-04 | 4E-07 |
| 24412 MARBELLA AVE | Naphthalene | mg/kg | 7.962 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-02 | 2E-06 |
| 24412 MARBELLA AVE | Pyrene | mg/kg | 0.336 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24412 MARBELLA AVE | Toluene | µg/kg | 54.96 | 95UCL | 1.6E+07 | -- | 3E-06 | -- |
| 24412 MARBELLA AVE | TPH as Diesel | mg/kg | 6974 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24412 MARBELLA AVE | TPH as Gasoline | mg/kg | 1059 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24412 MARBELLA AVE | TPH as Motor Oil | mg/kg | 7448 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24412 MARBELLA AVE | Vanadium | mg/kg | 42.26 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24412 MARBELLA AVE | Xylenes, Total | µg/kg | 4952 | 95UCL | 4.7E+05 | -- | 1E-02 | -- |
| 24412 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1060 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24412 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 7.62 | 95UCL | 7.7E+04 | -- | 1E-04 | -- |
| 24412 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.37 | Max | 8.7E+06 | 2.8E+04 | 4E-08 | 1E-10 |
| 24412 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.43 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 9E-09 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24412 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 3.516 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 24412 RAVENNA AVE | Benzene | µg/kg | 15.17 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-04 | 7E-08 |
| 24412 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.18 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24412 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24412 RAVENNA AVE | Cobalt | mg/kg | 9.909 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24412 RAVENNA AVE | Ethylbenzene | µg/kg | 614 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24412 RAVENNA AVE | Naphthalene | mg/kg | 1.379 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 4E-07 |
| 24412 RAVENNA AVE | Pyrene | mg/kg | 0.432 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24412 RAVENNA AVE | Toluene | µg/kg | 2.905 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 24412 RAVENNA AVE | TPH as Diesel | mg/kg | 2519 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24412 RAVENNA AVE | TPH as Gasoline | mg/kg | 188.8 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24412 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3367 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24412 RAVENNA AVE | Xylenes, Total | µg/kg | 191.7 | 95UCL | 4.7E+05 | -- | 4E-04 | -- |
| 24413 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 2008 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24413 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 160 | Max | 7.7E+04 | -- | 2E-03 | -- |
| 24413 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 160 | Max | 8.7E+06 | 2.8E+04 | 2E-05 | 6E-08 |
| 24413 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.169 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24413 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 6.066 | 95UCL | 1.1E+04 | -- | 6E-04 | -- |
| 24413 NEPTUNE AVE | Benzene | µg/kg | 295.5 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-03 | 1E-06 |
| 24413 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.5 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24413 NEPTUNE AVE | Bromomethane | µg/kg | 2.3 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24413 NEPTUNE AVE | Ethylbenzene | µg/kg | 530.9 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24413 NEPTUNE AVE | Naphthalene | mg/kg | 2.267 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 6E-07 |
| 24413 NEPTUNE AVE | Pyrene | mg/kg | 0.597 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24413 NEPTUNE AVE | Toluene | µg/kg | 6.821 | 95UCL | 1.6E+07 | -- | 4E-07 | -- |
| 24413 NEPTUNE AVE | TPH as Diesel | mg/kg | 4852 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24413 NEPTUNE AVE | TPH as Gasoline | mg/kg | 355.7 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 24413 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5548 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24413 NEPTUNE AVE | Xylenes, Total | µg/kg | 644.1 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24413 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.259 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24413 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.25 | Max | 7.7E+04 | -- | 3E-06 | -- |
| 24413 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 1 | Max | 8.7E+06 | 2.8E+04 | 1E-07 | 4E-10 |
| 24413 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.341 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-06 | 1E-09 |
| 24413 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.666 | 95UCL | 1.1E+04 | -- | 6E-05 | -- |
| 24413 RAVENNA AVE | Benzene | µg/kg | 0.494 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-06 | 2E-09 |
| 24413 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 6.6 | Max | 6.3E+04 | 6.4E+03 | 1E-04 | 1E-08 |
| 24413 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24413 RAVENNA AVE | Cobalt | mg/kg | 9.433 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24413 RAVENNA AVE | Ethylbenzene | µg/kg | 1.2 | Max | 4.5E+06 | 5.1E+04 | 3E-07 | 2E-10 |
| 24413 RAVENNA AVE | Naphthalene | mg/kg | 0.0618 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-04 | 2E-08 |
| 24413 RAVENNA AVE | Pyrene | mg/kg | 0.531 | 95UCL | 6.7E+04 | -- | 8E-06 | -- |
| 24413 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.25 | Max | 8.6E+04 | 1.0E+04 | 3E-06 | 3E-10 |
| 24413 RAVENNA AVE | Toluene | µg/kg | 0.59 | 95UCL | 1.6E+07 | -- | 4E-08 | -- |
| 24413 RAVENNA AVE | TPH as Diesel | mg/kg | 1803 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24413 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.336 | 95UCL | 8.6E+02 | -- | 4E-04 | -- |
| 24413 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2491 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24413 RAVENNA AVE | Xylenes, Total | µg/kg | 0.492 | 95UCL | 4.7E+05 | -- | 1E-06 | -- |
| 24416 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2617 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24416 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 360.5 | 95UCL | 7.7E+04 | -- | 5E-03 | -- |
| 24416 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.46 | Max | 8.7E+06 | 2.8E+04 | 5E-08 | 2E-10 |
| 24416 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 5.606 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24416 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 11.55 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24416 MARBELLA AVE | Benzene | µg/kg | 1005 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-02 | 5E-06 |
| 24416 MARBELLA AVE | Cobalt | mg/kg | 11.01 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24416 MARBELLA AVE | Ethylbenzene | µg/kg | 2215 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-04 | 4E-07 |
| 24416 MARBELLA AVE | Naphthalene | mg/kg | 5.653 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 2E-06 |
| 24416 MARBELLA AVE | Pyrene | mg/kg | 2.482 | 95UCL | 6.7E+04 | -- | 4E-05 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24416 MARBELLA AVE | Toluene | µg/kg | 193.5 | 95UCL | 1.6E+07 | -- | 1E-05 | -- |
| 24416 MARBELLA AVE | TPH as Diesel | mg/kg | 6146 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24416 MARBELLA AVE | TPH as Gasoline | mg/kg | 1002 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24416 MARBELLA AVE | TPH as Motor Oil | mg/kg | 5536 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24416 MARBELLA AVE | Vanadium | mg/kg | 39.31 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24416 MARBELLA AVE | Xylenes, Total | µg/kg | 3684 | 95UCL | 4.7E+05 | -- | 8E-03 | -- |
| 24416 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 9.8 | Max | 7.5E+04 | -- | 1E-04 | -- |
| 24416 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.68 | Max | 7.7E+04 | -- | 9E-06 | -- |
| 24416 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.425 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-06 | 2E-09 |
| 24416 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.578 | 95UCL | 1.1E+04 | -- | 5E-05 | -- |
| 24416 NEPTUNE AVE | Benzene | µg/kg | 1.675 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-05 | 8E-09 |
| 24416 NEPTUNE AVE | Ethylbenzene | µg/kg | 12 | Max | 4.5E+06 | 5.1E+04 | 3E-06 | 2E-09 |
| 24416 NEPTUNE AVE | Naphthalene | mg/kg | 0.157 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-03 | 4E-08 |
| 24416 NEPTUNE AVE | Pyrene | mg/kg | 0.279 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24416 NEPTUNE AVE | TPH as Diesel | mg/kg | 13196 | 95UCL | 1.9E+03 | -- | **7E+00** | -- |
| 24416 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.273 | 95UCL | 8.6E+02 | -- | 3E-04 | -- |
| 24416 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 25076 | 95UCL | 1.6E+05 | -- | 2E-01 | -- |
| 24416 NEPTUNE AVE | Xylenes, Total | µg/kg | 5.2 | Max | 4.7E+05 | -- | 1E-05 | -- |
| 24416 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0186 | 95UCL | 1.1E+04 | -- | 2E-06 | -- |
| 24416 PANAMA AVE | Benzene | µg/kg | 0.246 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24416 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24416 PANAMA AVE | Cobalt | mg/kg | 9.217 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24416 PANAMA AVE | Ethylbenzene | µg/kg | 0.21 | Max | 4.5E+06 | 5.1E+04 | 5E-08 | 4E-11 |
| 24416 PANAMA AVE | Naphthalene | mg/kg | 0.012 | Max | 1.4E+02 | 3.9E+01 | 9E-05 | 3E-09 |
| 24416 PANAMA AVE | Pyrene | mg/kg | 0.0942 | 95UCL | 6.7E+04 | -- | 1E-06 | -- |
| 24416 PANAMA AVE | Toluene | µg/kg | 0.238 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24416 PANAMA AVE | TPH as Diesel | mg/kg | 216.2 | 95UCL | 1.9E+03 | -- | 1E-01 | -- |
| 24416 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0862 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24416 PANAMA AVE | TPH as Motor Oil | mg/kg | 676.3 | 95UCL | 1.6E+05 | -- | 4E-03 | -- |
| 24416 PANAMA AVE | Xylenes, Total | µg/kg | 0.2 | Max | 4.7E+05 | -- | 4E-07 | -- |
| 24416 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 214.9 | 95UCL | 7.5E+04 | -- | 3E-03 | -- |
| 24416 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 18.21 | 95UCL | 7.7E+04 | -- | 2E-04 | -- |
| 24416 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 8.086 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24416 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 9.579 | 95UCL | 1.1E+04 | -- | 9E-04 | -- |
| 24416 RAVENNA AVE | Benzene | µg/kg | 0.38 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-06 | 2E-09 |
| 24416 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.155 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 2E-07 |
| 24416 RAVENNA AVE | Ethylbenzene | µg/kg | 93.35 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-05 | 2E-08 |
| 24416 RAVENNA AVE | Naphthalene | mg/kg | 2.598 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 7E-07 |
| 24416 RAVENNA AVE | Pyrene | mg/kg | 1.713 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24416 RAVENNA AVE | Toluene | µg/kg | 0.214 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24416 RAVENNA AVE | TPH as Diesel | mg/kg | 4843 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24416 RAVENNA AVE | TPH as Gasoline | mg/kg | 170.1 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24416 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6614 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24416 RAVENNA AVE | Xylenes, Total | µg/kg | 10.5 | 95UCL | 4.7E+05 | -- | 2E-05 | -- |
| 24417 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.19 | Max | 7.5E+04 | -- | 3E-06 | -- |
| 24417 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0011 | Max | 1.9E+05 | 2.7E+03 | 6E-09 | 4E-12 |
| 24417 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0025 | Max | 1.1E+04 | -- | 2E-07 | -- |
| 24417 MARBELLA AVE | Benzene | µg/kg | 0.248 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24417 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24417 MARBELLA AVE | Cobalt | mg/kg | 12.35 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24417 MARBELLA AVE | Naphthalene | mg/kg | 0.0029 | Max | 1.4E+02 | 3.9E+01 | 2E-05 | 8E-10 |
| 24417 MARBELLA AVE | Pyrene | mg/kg | 0.09 | Max | 6.7E+04 | -- | 1E-06 | -- |
| 24417 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.41 | Max | 8.6E+04 | 1.0E+04 | 5E-06 | 4E-10 |
| 24417 MARBELLA AVE | Toluene | µg/kg | 0.22 | Max | 1.6E+07 | -- | 1E-08 | -- |
| 24417 MARBELLA AVE | TPH as Diesel | mg/kg | 85 | Max | 1.9E+03 | -- | 5E-02 | -- |
| 24417 MARBELLA AVE | TPH as Motor Oil | mg/kg | 250 | Max | 1.6E+05 | -- | 2E-03 | -- |
| 24417 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 387.4 | 95UCL | 7.5E+04 | -- | 5E-03 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24417 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 67.3 | 95UCL | 7.7E+04 | -- | 9E-04 | -- |
| 24417 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 5.28 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24417 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 7.94 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 24417 PANAMA AVE | Benzene | µg/kg | 1119 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-02 | 5E-06 |
| 24417 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 3E-10 |
| 24417 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 8E-07 |
| 24417 PANAMA AVE | Cobalt | mg/kg | 9.751 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24417 PANAMA AVE | Ethylbenzene | µg/kg | 3372 | 95UCL | 4.5E+06 | 5.1E+04 | 7E-04 | 7E-07 |
| 24417 PANAMA AVE | Naphthalene | mg/kg | 3.74 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24417 PANAMA AVE | Pyrene | mg/kg | 0.49 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24417 PANAMA AVE | Toluene | µg/kg | 4.644 | 95UCL | 1.6E+07 | -- | 3E-07 | -- |
| 24417 PANAMA AVE | TPH as Diesel | mg/kg | 3329 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24417 PANAMA AVE | TPH as Gasoline | mg/kg | 612.7 | 95UCL | 8.6E+02 | -- | 7E-01 | -- |
| 24417 PANAMA AVE | TPH as Motor Oil | mg/kg | 3699 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24417 PANAMA AVE | Xylenes, Total | µg/kg | 621.8 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24419 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 113.6 | 95UCL | 7.5E+04 | -- | 2E-03 | -- |
| 24419 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 27.47 | 95UCL | 7.7E+04 | -- | 4E-04 | -- |
| 24419 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.306 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-06 | 5E-09 |
| 24419 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 2.911 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 24419 NEPTUNE AVE | Benzene | µg/kg | 187.9 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-03 | 8E-07 |
| 24419 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.66 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24419 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.57 | Max | 4.9E+05 | 5.3E+03 | 1E-06 | 1E-09 |
| 24419 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.32 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24419 NEPTUNE AVE | Ethylbenzene | µg/kg | 679.8 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 1E-07 |
| 24419 NEPTUNE AVE | Naphthalene | mg/kg | 0.64 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-03 | 2E-07 |
| 24419 NEPTUNE AVE | Pyrene | mg/kg | 0.648 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24419 NEPTUNE AVE | Toluene | µg/kg | 8.699 | 95UCL | 1.6E+07 | -- | 5E-07 | -- |
| 24419 NEPTUNE AVE | TPH as Diesel | mg/kg | 3530 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24419 NEPTUNE AVE | TPH as Gasoline | mg/kg | 108.9 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24419 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3970 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24419 NEPTUNE AVE | Xylenes, Total | µg/kg | 56.25 | 95UCL | 4.7E+05 | -- | 1E-04 | -- |
| 24419 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 134.4 | 95UCL | 7.5E+04 | -- | 2E-03 | -- |
| 24419 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 13.08 | 95UCL | 7.7E+04 | -- | 2E-04 | -- |
| 24419 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 24419 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.604 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-06 | 2E-09 |
| 24419 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.879 | 95UCL | 1.1E+04 | -- | 8E-05 | -- |
| 24419 RAVENNA AVE | Benzene | µg/kg | 5.654 | 95UCL | 6.9E+04 | 2.2E+03 | 8E-05 | 3E-08 |
| 24419 RAVENNA AVE | Bromomethane | µg/kg | 500 | Max | 7.8E+03 | -- | 6E-02 | -- |
| 24419 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.148 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 2E-07 |
| 24419 RAVENNA AVE | Ethylbenzene | µg/kg | 35.42 | 95UCL | 4.5E+06 | 5.1E+04 | 8E-06 | 7E-09 |
| 24419 RAVENNA AVE | Naphthalene | mg/kg | 0.162 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-03 | 4E-08 |
| 24419 RAVENNA AVE | Pyrene | mg/kg | 0.281 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24419 RAVENNA AVE | Toluene | µg/kg | 0.219 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24419 RAVENNA AVE | TPH as Diesel | mg/kg | 420.3 | 95UCL | 1.9E+03 | -- | 2E-01 | -- |
| 24419 RAVENNA AVE | TPH as Gasoline | mg/kg | 24.38 | 95UCL | 8.6E+02 | -- | 3E-02 | -- |
| 24419 RAVENNA AVE | TPH as Motor Oil | mg/kg | 514.1 | 95UCL | 1.6E+05 | -- | 3E-03 | -- |
| 24419 RAVENNA AVE | Xylenes, Total | µg/kg | 41.71 | 95UCL | 4.7E+05 | -- | 9E-05 | -- |
| 24420 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.366 | 95UCL | 7.5E+04 | -- | 5E-06 | -- |
| 24420 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.25 | Max | 7.7E+04 | -- | 3E-06 | -- |
| 24420 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.15 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 5E-11 |
| 24420 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0154 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-08 | 6E-11 |
| 24420 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0779 | 95UCL | 1.1E+04 | -- | 7E-06 | -- |
| 24420 PANAMA AVE | Benzene | µg/kg | 0.346 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |
| 24420 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 3.2E+03 | 6.7E+00 | 7E-05 | 3E-07 |
| 24420 PANAMA AVE | Ethylbenzene | µg/kg | 0.32 | Max | 4.5E+06 | 5.1E+04 | 7E-08 | 6E-11 |
| 24420 PANAMA AVE | Naphthalene | mg/kg | 0.0364 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-04 | 9E-09 |
| 24420 PANAMA AVE | Pyrene | mg/kg | 0.333 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24420 PANAMA AVE | Toluene | µg/kg | 0.277 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24420 PANAMA AVE | TPH as Diesel | mg/kg | 1536 | 95UCL | 1.9E+03 | -- | 8E-01 | -- |
| 24420 PANAMA AVE | TPH as Motor Oil | mg/kg | 4737 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24420 PANAMA AVE | Xylenes, Total | µg/kg | 0.244 | 95UCL | 4.7E+05 | -- | 5E-07 | -- |
| 24421 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2721 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24421 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 525.8 | 95UCL | 7.7E+04 | -- | 7E-03 | -- |
| 24421 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 5.706 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24421 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 15.23 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24421 PANAMA AVE | Benzene | µg/kg | 18.9 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-04 | 9E-08 |
| 24421 PANAMA AVE | Ethylbenzene | µg/kg | 2798 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-04 | 6E-07 |
| 24421 PANAMA AVE | Naphthalene | mg/kg | 8.604 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-02 | 2E-06 |
| 24421 PANAMA AVE | Pyrene | mg/kg | 0.49 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24421 PANAMA AVE | Toluene | µg/kg | 50.25 | 95UCL | 1.6E+07 | -- | 3E-06 | -- |
| 24421 PANAMA AVE | TPH as Diesel | mg/kg | 6712 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24421 PANAMA AVE | TPH as Gasoline | mg/kg | 592.1 | 95UCL | 8.6E+02 | -- | 7E-01 | -- |
| 24421 PANAMA AVE | TPH as Motor Oil | mg/kg | 4525 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24421 PANAMA AVE | Xylenes, Total | µg/kg | 1913 | 95UCL | 4.7E+05 | -- | 4E-03 | -- |
| 24422 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 251.8 | 95UCL | 7.5E+04 | -- | 3E-03 | -- |
| 24422 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 325.9 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24422 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 3.226 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24422 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 4.759 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24422 MARBELLA AVE | Benzene | µg/kg | 233 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-03 | 1E-06 |
| 24422 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.78 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24422 MARBELLA AVE | Bromomethane | µg/kg | 380 | Max | 7.8E+03 | -- | 5E-02 | -- |
| 24422 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24422 MARBELLA AVE | Ethylbenzene | µg/kg | 1342 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24422 MARBELLA AVE | Naphthalene | mg/kg | 3.255 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 8E-07 |
| 24422 MARBELLA AVE | Pyrene | mg/kg | 1.052 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24422 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.27 | Max | 8.6E+04 | 1.0E+04 | 3E-06 | 3E-10 |
| 24422 MARBELLA AVE | Toluene | µg/kg | 36.39 | 95UCL | 1.6E+07 | -- | 2E-06 | -- |
| 24422 MARBELLA AVE | TPH as Diesel | mg/kg | 3609 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24422 MARBELLA AVE | TPH as Gasoline | mg/kg | 308.3 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 24422 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4505 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24422 MARBELLA AVE | Xylenes, Total | µg/kg | 108.8 | 95UCL | 4.7E+05 | -- | 2E-04 | -- |
| 24422 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 3.949 | 95UCL | 7.5E+04 | -- | 5E-05 | -- |
| 24422 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.3 | Max | 7.7E+04 | -- | 4E-06 | -- |
| 24422 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.404 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-06 | 2E-09 |
| 24422 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.422 | 95UCL | 1.1E+04 | -- | 4E-05 | -- |
| 24422 NEPTUNE AVE | Benzene | µg/kg | 1.445 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-05 | 7E-09 |
| 24422 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.3 | Max | 6.3E+04 | 6.4E+03 | 5E-06 | 5E-10 |
| 24422 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.162 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 2E-07 |
| 24422 NEPTUNE AVE | Ethylbenzene | µg/kg | 3.14 | 95UCL | 4.5E+06 | 5.1E+04 | 7E-07 | 6E-10 |
| 24422 NEPTUNE AVE | Naphthalene | mg/kg | 0.143 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-03 | 4E-08 |
| 24422 NEPTUNE AVE | Pyrene | mg/kg | 0.471 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24422 NEPTUNE AVE | Toluene | µg/kg | 17.43 | 95UCL | 1.6E+07 | -- | 1E-06 | -- |
| 24422 NEPTUNE AVE | TPH as Diesel | mg/kg | 773.3 | 95UCL | 1.9E+03 | -- | 4E-01 | -- |
| 24422 NEPTUNE AVE | TPH as Gasoline | mg/kg | 39.15 | 95UCL | 8.6E+02 | -- | 5E-02 | -- |
| 24422 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1149 | 95UCL | 1.6E+05 | -- | 7E-03 | -- |
| 24422 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.676 | 95UCL | 4.7E+05 | -- | 1E-06 | -- |
| 24422 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3669 | 95UCL | 7.5E+04 | -- | 5E-02 | -- |
| 24422 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 105.2 | 95UCL | 7.7E+04 | -- | 1E-03 | -- |
| 24422 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 8.662 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-05 | 3E-08 |
| 24422 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 14.76 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24422 RAVENNA AVE | Benzene | µg/kg | 23.05 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-04 | 1E-07 |
| 24422 RAVENNA AVE | Bromomethane | µg/kg | 0.78 | Max | 7.8E+03 | -- | 1E-04 | -- |
| 24422 RAVENNA AVE | Ethylbenzene | µg/kg | 450.9 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 9E-08 |
| 24422 RAVENNA AVE | Naphthalene | mg/kg | 4.206 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |

**Table E-4**
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**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24422 RAVENNA AVE | Pyrene | mg/kg | 1.061 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24422 RAVENNA AVE | Toluene | µg/kg | 10.35 | 95UCL | 1.6E+07 | -- | 6E-07 | -- |
| 24422 RAVENNA AVE | TPH as Diesel | mg/kg | 5380 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24422 RAVENNA AVE | TPH as Gasoline | mg/kg | 128.3 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24422 RAVENNA AVE | TPH as Motor Oil | mg/kg | 7297 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24422 RAVENNA AVE | Xylenes, Total | µg/kg | 465.3 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24423 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0076 | Max | 1.1E+04 | -- | 7E-07 | -- |
| 24423 MARBELLA AVE | Benzene | µg/kg | 0.36 | Max | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |
| 24423 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24423 MARBELLA AVE | Bromomethane | µg/kg | 3.4 | Max | 7.8E+03 | -- | 4E-04 | -- |
| 24423 MARBELLA AVE | Cobalt | mg/kg | 11.77 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24423 MARBELLA AVE | Naphthalene | mg/kg | 0.014 | Max | 1.4E+02 | 3.9E+01 | 1E-04 | 4E-09 |
| 24423 MARBELLA AVE | Pyrene | mg/kg | 0.00849 | 95UCL | 6.7E+04 | -- | 1E-07 | -- |
| 24423 MARBELLA AVE | Toluene | µg/kg | 1.1 | Max | 1.6E+07 | -- | 7E-08 | -- |
| 24423 MARBELLA AVE | TPH as Diesel | mg/kg | 110 | Max | 1.9E+03 | -- | 6E-02 | -- |
| 24423 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 8.6E+02 | -- | 2E-04 | -- |
| 24423 MARBELLA AVE | TPH as Motor Oil | mg/kg | 108.5 | 95UCL | 1.6E+05 | -- | 7E-04 | -- |
| 24423 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1782 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24423 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 325.7 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24423 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 3.302 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24423 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 8.561 | 95UCL | 1.1E+04 | -- | 8E-04 | -- |
| 24423 NEPTUNE AVE | Benzene | µg/kg | 223.1 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-03 | 1E-06 |
| 24423 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24423 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.12 | Max | 4.9E+05 | 5.3E+03 | 3E-07 | 2E-10 |
| 24423 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.53 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 8E-07 |
| 24423 NEPTUNE AVE | Ethylbenzene | µg/kg | 930.4 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24423 NEPTUNE AVE | Naphthalene | mg/kg | 3.741 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24423 NEPTUNE AVE | Pyrene | mg/kg | 0.609 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24423 NEPTUNE AVE | Toluene | µg/kg | 10.49 | 95UCL | 1.6E+07 | -- | 6E-07 | -- |
| 24423 NEPTUNE AVE | TPH as Diesel | mg/kg | 5398 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24423 NEPTUNE AVE | TPH as Gasoline | mg/kg | 206.4 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24423 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5357 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24423 NEPTUNE AVE | Xylenes, Total | µg/kg | 400.5 | 95UCL | 4.7E+05 | -- | 9E-04 | -- |
| 24423 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3191 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24423 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 642.2 | 95UCL | 7.7E+04 | -- | 8E-03 | -- |
| 24423 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.14 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 5E-11 |
| 24423 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.247 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24423 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 5.595 | 95UCL | 1.1E+04 | -- | 5E-04 | -- |
| 24423 RAVENNA AVE | Benzene | µg/kg | 584.3 | 95UCL | 6.9E+04 | 2.2E+03 | 9E-03 | 3E-06 |
| 24423 RAVENNA AVE | Bromomethane | µg/kg | 2.9 | Max | 7.8E+03 | -- | 4E-04 | -- |
| 24423 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.246 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24423 RAVENNA AVE | Cobalt | mg/kg | 8.798 | 95UCL | 2.0E+02 | 1.1E+02 | 4E-02 | 8E-07 |
| 24423 RAVENNA AVE | Ethylbenzene | µg/kg | 1344 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24423 RAVENNA AVE | Naphthalene | mg/kg | 2.485 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 6E-07 |
| 24423 RAVENNA AVE | Pyrene | mg/kg | 0.326 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24423 RAVENNA AVE | Toluene | µg/kg | 0.217 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24423 RAVENNA AVE | TPH as Diesel | mg/kg | 1966 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24423 RAVENNA AVE | TPH as Gasoline | mg/kg | 321.7 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 24423 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1884 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24423 RAVENNA AVE | Xylenes, Total | µg/kg | 481.7 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24426 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 51 | Max | 7.5E+04 | -- | 7E-04 | -- |
| 24426 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2.51 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 9E-09 |
| 24426 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 5.701 | 95UCL | 1.1E+04 | -- | 5E-04 | -- |
| 24426 MARBELLA AVE | Benzene | µg/kg | 16.49 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-04 | 7E-08 |
| 24426 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.42 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24426 MARBELLA AVE | Ethylbenzene | µg/kg | 355 | 95UCL | 4.5E+06 | 5.1E+04 | 8E-05 | 7E-08 |
| 24426 MARBELLA AVE | Naphthalene | mg/kg | 2.663 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 7E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24426 MARBELLA AVE | Pyrene | mg/kg | 0.958 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24426 MARBELLA AVE | Toluene | µg/kg | 0.28 | Max | 1.6E+07 | -- | 2E-08 | -- |
| 24426 MARBELLA AVE | TPH as Diesel | mg/kg | 8220 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24426 MARBELLA AVE | TPH as Gasoline | mg/kg | 207.9 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24426 MARBELLA AVE | TPH as Motor Oil | mg/kg | 13341 | 95UCL | 1.6E+05 | -- | 8E-02 | -- |
| 24426 MARBELLA AVE | Trichloroethene | µg/kg | 64 | Max | 5.5E+03 | 1.9E+04 | 1E-02 | 3E-08 |
| 24426 MARBELLA AVE | Xylenes, Total | µg/kg | 0.75 | Max | 4.7E+05 | -- | 2E-06 | -- |
| 24426 NEPTUNE AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 1.6 | Max | 8.3E+05 | 5.7E+03 | 2E-06 | 3E-09 |
| 24426 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.265 | 95UCL | 7.5E+04 | -- | 4E-06 | -- |
| 24426 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.16 | Max | 7.7E+04 | -- | 2E-06 | -- |
| 24426 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0591 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-07 | 2E-10 |
| 24426 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 0.082 | Max | 6.3E+03 | 2.8E+02 | 1E-05 | 3E-09 |
| 24426 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0878 | 95UCL | 1.1E+04 | -- | 8E-06 | -- |
| 24426 NEPTUNE AVE | Benzene | µg/kg | 0.382 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-06 | 2E-09 |
| 24426 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24426 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.173 | 95UCL | 3.2E+03 | 6.7E+00 | 6E-05 | 3E-07 |
| 24426 NEPTUNE AVE | Cobalt | mg/kg | 9.717 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24426 NEPTUNE AVE | Ethylbenzene | µg/kg | 1.4 | Max | 4.5E+06 | 5.1E+04 | 3E-07 | 3E-10 |
| 24426 NEPTUNE AVE | Naphthalene | mg/kg | 0.0211 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-04 | 5E-09 |
| 24426 NEPTUNE AVE | Pyrene | mg/kg | 0.163 | 95UCL | 6.7E+04 | -- | 2E-06 | -- |
| 24426 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.26 | Max | 8.6E+04 | 1.0E+04 | 3E-06 | 3E-10 |
| 24426 NEPTUNE AVE | Toluene | µg/kg | 0.353 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24426 NEPTUNE AVE | TPH as Diesel | mg/kg | 823.3 | 95UCL | 1.9E+03 | -- | 4E-01 | -- |
| 24426 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.672 | 95UCL | 8.6E+02 | -- | 8E-04 | -- |
| 24426 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2086 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24426 NEPTUNE AVE | Trichloroethene | µg/kg | 0.23 | Max | 5.5E+03 | 1.9E+04 | 4E-05 | 1E-10 |
| 24426 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.509 | 95UCL | 4.7E+05 | -- | 1E-06 | -- |
| 24426 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.33 | Max | 8.7E+06 | 2.8E+04 | 4E-08 | 1E-10 |
| 24426 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.003 | Max | 1.9E+05 | 2.7E+03 | 2E-08 | 1E-11 |
| 24426 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.029 | 95UCL | 1.1E+04 | -- | 3E-06 | -- |
| 24426 PANAMA AVE | Benzene | µg/kg | 0.826 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-05 | 4E-09 |
| 24426 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24426 PANAMA AVE | Cobalt | mg/kg | 9.768 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24426 PANAMA AVE | Ethylbenzene | µg/kg | 0.5 | Max | 4.5E+06 | 5.1E+04 | 1E-07 | 1E-10 |
| 24426 PANAMA AVE | Naphthalene | mg/kg | 0.00909 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-05 | 2E-09 |
| 24426 PANAMA AVE | Pyrene | mg/kg | 0.0849 | 95UCL | 6.7E+04 | -- | 1E-06 | -- |
| 24426 PANAMA AVE | Toluene | µg/kg | 0.298 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24426 PANAMA AVE | TPH as Diesel | mg/kg | 953.2 | 95UCL | 1.9E+03 | -- | 5E-01 | -- |
| 24426 PANAMA AVE | TPH as Gasoline | mg/kg | 0.112 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24426 PANAMA AVE | TPH as Motor Oil | mg/kg | 2016 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24426 PANAMA AVE | Xylenes, Total | µg/kg | 0.59 | Max | 4.7E+05 | -- | 1E-06 | -- |
| 24426 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3351 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24426 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 124.6 | 95UCL | 7.7E+04 | -- | 2E-03 | -- |
| 24426 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 5.382 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24426 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 8.915 | 95UCL | 1.1E+04 | -- | 8E-04 | -- |
| 24426 RAVENNA AVE | Benzene | µg/kg | 126.8 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-03 | 6E-07 |
| 24426 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.21 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24426 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.321 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24426 RAVENNA AVE | Cobalt | mg/kg | 9.748 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24426 RAVENNA AVE | Ethylbenzene | µg/kg | 652 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24426 RAVENNA AVE | Naphthalene | mg/kg | 2.956 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 8E-07 |
| 24426 RAVENNA AVE | Pyrene | mg/kg | 2.033 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24426 RAVENNA AVE | Toluene | µg/kg | 3.711 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 24426 RAVENNA AVE | TPH as Diesel | mg/kg | 3043 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24426 RAVENNA AVE | TPH as Gasoline | mg/kg | 222.1 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24426 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2931 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24426 RAVENNA AVE | Xylenes, Total | µg/kg | 1071 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24427 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0062 | Max | 1.9E+05 | 2.7E+03 | 3E-08 | 2E-11 |
| 24427 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00717 | 95UCL | 1.1E+04 | -- | 7E-07 | -- |
| 24427 MARBELLA AVE | Benzene | µg/kg | 0.184 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24427 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24427 MARBELLA AVE | Cobalt | mg/kg | 13.15 | 95UCL | 2.0E+02 | 1.1E+02 | 7E-02 | 1E-06 |
| 24427 MARBELLA AVE | Naphthalene | mg/kg | 0.00233 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-05 | 6E-10 |
| 24427 MARBELLA AVE | Pyrene | mg/kg | 0.0203 | 95UCL | 6.7E+04 | -- | 3E-07 | -- |
| 24427 MARBELLA AVE | Tetrachloroethene | µg/kg | 3.73 | 95UCL | 8.6E+04 | 1.0E+04 | 4E-05 | 4E-09 |
| 24427 MARBELLA AVE | Toluene | µg/kg | 0.196 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24427 MARBELLA AVE | TPH as Diesel | mg/kg | 60.64 | 95UCL | 1.9E+03 | -- | 3E-02 | -- |
| 24427 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 8.6E+02 | -- | 2E-04 | -- |
| 24427 MARBELLA AVE | TPH as Motor Oil | mg/kg | 195.2 | 95UCL | 1.6E+05 | -- | 1E-03 | -- |
| 24427 MARBELLA AVE | Trichloroethene | µg/kg | 0.25 | Max | 5.5E+03 | 1.9E+04 | 5E-05 | 1E-10 |
| 24427 MARBELLA AVE | Vanadium | mg/kg | 43.36 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24427 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 430.7 | 95UCL | 7.5E+04 | -- | 6E-03 | -- |
| 24427 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 240 | Max | 7.7E+04 | -- | 3E-03 | -- |
| 24427 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.372 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-06 | 1E-09 |
| 24427 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.926 | 95UCL | 1.1E+04 | -- | 8E-05 | -- |
| 24427 PANAMA AVE | Benzene | µg/kg | 17.28 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-04 | 8E-08 |
| 24427 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.38 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24427 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.56 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 8E-07 |
| 24427 PANAMA AVE | Cobalt | mg/kg | 9.822 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24427 PANAMA AVE | Ethylbenzene | µg/kg | 383.5 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-05 | 8E-08 |
| 24427 PANAMA AVE | Naphthalene | mg/kg | 0.761 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-03 | 2E-07 |
| 24427 PANAMA AVE | Pyrene | mg/kg | 0.843 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24427 PANAMA AVE | Toluene | µg/kg | 2.764 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 24427 PANAMA AVE | TPH as Diesel | mg/kg | 1731 | 95UCL | 1.9E+03 | -- | 9E-01 | -- |
| 24427 PANAMA AVE | TPH as Gasoline | mg/kg | 107.2 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24427 PANAMA AVE | TPH as Motor Oil | mg/kg | 2773 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24427 PANAMA AVE | Xylenes, Total | µg/kg | 69.87 | 95UCL | 4.7E+05 | -- | 2E-04 | -- |
| 24429 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 3408 | 95UCL | 7.5E+04 | -- | 5E-02 | -- |
| 24429 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 3200 | Max | 7.7E+04 | -- | 4E-02 | -- |
| 24429 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 3.916 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24429 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.647 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24429 NEPTUNE AVE | Benzene | µg/kg | 428.7 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-03 | 2E-06 |
| 24429 NEPTUNE AVE | Bromomethane | µg/kg | 160 | Max | 7.8E+03 | -- | 2E-02 | -- |
| 24429 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24429 NEPTUNE AVE | Ethylbenzene | µg/kg | 784.2 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24429 NEPTUNE AVE | Naphthalene | mg/kg | 1.599 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 4E-07 |
| 24429 NEPTUNE AVE | Pyrene | mg/kg | 0.633 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24429 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.17 | Max | 8.6E+04 | 1.0E+04 | 2E-06 | 2E-10 |
| 24429 NEPTUNE AVE | Toluene | µg/kg | 0.276 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24429 NEPTUNE AVE | TPH as Diesel | mg/kg | 7341 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24429 NEPTUNE AVE | TPH as Gasoline | mg/kg | 545.9 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24429 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 8182 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24429 NEPTUNE AVE | Xylenes, Total | µg/kg | 2049 | 95UCL | 4.7E+05 | -- | 4E-03 | -- |
| 24429 RAVENNA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.221 | 95UCL | 8.3E+05 | 5.7E+03 | 3E-07 | 4E-10 |
| 24429 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 620 | Max | 7.5E+04 | -- | 8E-03 | -- |
| 24429 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 21 | Max | 7.7E+04 | -- | 3E-04 | -- |
| 24429 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.261 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-06 | 1E-09 |
| 24429 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.279 | 95UCL | 1.1E+04 | -- | 3E-05 | -- |
| 24429 RAVENNA AVE | Benzene | µg/kg | 0.265 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24429 RAVENNA AVE | Bromomethane | µg/kg | 170 | Max | 7.8E+03 | -- | 2E-02 | -- |
| 24429 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.37 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24429 RAVENNA AVE | Ethylbenzene | µg/kg | 560 | Max | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24429 RAVENNA AVE | Naphthalene | mg/kg | 0.263 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-03 | 7E-08 |
| 24429 RAVENNA AVE | Pyrene | mg/kg | 0.296 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24429 RAVENNA AVE | Toluene | µg/kg | 0.242 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24429 RAVENNA AVE | TPH as Diesel | mg/kg | 808.8 | 95UCL | 1.9E+03 | -- | 4E-01 | -- |
| 24429 RAVENNA AVE | TPH as Gasoline | mg/kg | 71.14 | 95UCL | 8.6E+02 | -- | 8E-02 | -- |
| 24429 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1138 | 95UCL | 1.6E+05 | -- | 7E-03 | -- |
| 24429 RAVENNA AVE | Xylenes, Total | µg/kg | 6.331 | 95UCL | 4.7E+05 | -- | 1E-05 | -- |
| 24430 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.14 | Max | 7.5E+04 | -- | 2E-06 | -- |
| 24430 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0024 | Max | 1.9E+05 | 2.7E+03 | 1E-08 | 9E-12 |
| 24430 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00729 | 95UCL | 1.1E+04 | -- | 7E-07 | -- |
| 24430 PANAMA AVE | Benzene | µg/kg | 0.579 | 95UCL | 6.9E+04 | 2.2E+03 | 8E-06 | 3E-09 |
| 24430 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 3E-10 |
| 24430 PANAMA AVE | Bromomethane | µg/kg | 2 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24430 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.342 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24430 PANAMA AVE | Ethylbenzene | µg/kg | 0.62 | Max | 4.5E+06 | 5.1E+04 | 1E-07 | 1E-10 |
| 24430 PANAMA AVE | Naphthalene | mg/kg | 0.00447 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-05 | 1E-09 |
| 24430 PANAMA AVE | Pyrene | mg/kg | 0.0417 | 95UCL | 6.7E+04 | -- | 6E-07 | -- |
| 24430 PANAMA AVE | Toluene | µg/kg | 0.373 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24430 PANAMA AVE | TPH as Diesel | mg/kg | 34.13 | 95UCL | 1.9E+03 | -- | 2E-02 | -- |
| 24430 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0759 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 24430 PANAMA AVE | TPH as Motor Oil | mg/kg | 91.05 | 95UCL | 1.6E+05 | -- | 6E-04 | -- |
| 24430 PANAMA AVE | Xylenes, Total | µg/kg | 0.29 | Max | 4.7E+05 | -- | 6E-07 | -- |
| 24431 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.23 | Max | 8.3E+05 | 5.7E+03 | 3E-07 | 4E-10 |
| 24431 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.326 | 95UCL | 7.5E+04 | -- | 4E-06 | -- |
| 24431 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.385 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-06 | 1E-09 |
| 24431 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.474 | 95UCL | 1.1E+04 | -- | 4E-05 | -- |
| 24431 PANAMA AVE | Benzene | µg/kg | 0.336 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |
| 24431 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.6 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 9E-07 |
| 24431 PANAMA AVE | Cobalt | mg/kg | 10.42 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24431 PANAMA AVE | Ethylbenzene | µg/kg | 100.8 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-05 | 2E-08 |
| 24431 PANAMA AVE | Naphthalene | mg/kg | 0.207 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-03 | 5E-08 |
| 24431 PANAMA AVE | Pyrene | mg/kg | 0.192 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 24431 PANAMA AVE | Tetrachloroethene | µg/kg | 8.3 | Max | 8.6E+04 | 1.0E+04 | 1E-04 | 8E-09 |
| 24431 PANAMA AVE | Toluene | µg/kg | 0.243 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24431 PANAMA AVE | TPH as Diesel | mg/kg | 1203 | 95UCL | 1.9E+03 | -- | 6E-01 | -- |
| 24431 PANAMA AVE | TPH as Gasoline | mg/kg | 33.38 | 95UCL | 8.6E+02 | -- | 4E-02 | -- |
| 24431 PANAMA AVE | TPH as Motor Oil | mg/kg | 2101 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24431 PANAMA AVE | Trichloroethene | µg/kg | 0.4 | Max | 5.5E+03 | 1.9E+04 | 7E-05 | 2E-10 |
| 24431 PANAMA AVE | Xylenes, Total | µg/kg | 2.846 | 95UCL | 4.7E+05 | -- | 6E-06 | -- |
| 24432 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 11.59 | 95UCL | 7.5E+04 | -- | 2E-04 | -- |
| 24432 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.913 | 95UCL | 7.7E+04 | -- | 3E-05 | -- |
| 24432 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 1.522 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-06 | 6E-09 |
| 24432 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 2.151 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24432 MARBELLA AVE | Benzene | µg/kg | 35.31 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-04 | 2E-07 |
| 24432 MARBELLA AVE | Ethylbenzene | µg/kg | 699.4 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 1E-07 |
| 24432 MARBELLA AVE | Naphthalene | mg/kg | 1.287 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-03 | 3E-07 |
| 24432 MARBELLA AVE | Pyrene | mg/kg | 0.429 | 95UCL | 6.7E+04 | -- | 6E-06 | -- |
| 24432 MARBELLA AVE | Toluene | µg/kg | 2.764 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 24432 MARBELLA AVE | TPH as Diesel | mg/kg | 2948 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24432 MARBELLA AVE | TPH as Gasoline | mg/kg | 165.7 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24432 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3877 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24432 MARBELLA AVE | Trichloroethene | µg/kg | 24 | Max | 5.5E+03 | 1.9E+04 | 4E-03 | 1E-08 |
| 24432 MARBELLA AVE | Xylenes, Total | µg/kg | 22.19 | 95UCL | 4.7E+05 | -- | 5E-05 | -- |
| 24433 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4.479 | 95UCL | 7.5E+04 | -- | 6E-05 | -- |
| 24433 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.197 | 95UCL | 7.7E+04 | -- | 3E-06 | -- |
| 24433 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0079 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-08 | 3E-11 |
| 24433 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.011 | 95UCL | 1.1E+04 | -- | 1E-06 | -- |
| 24433 MARBELLA AVE | Benzene | µg/kg | 0.16 | Max | 6.9E+04 | 2.2E+03 | 2E-06 | 7E-10 |
| 24433 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.171 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 3E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24433 MARBELLA AVE | Cobalt | mg/kg | 12.85 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24433 MARBELLA AVE | Ethylbenzene | µg/kg | 0.64 | Max | 4.5E+06 | 5.1E+04 | 1E-07 | 1E-10 |
| 24433 MARBELLA AVE | Naphthalene | mg/kg | 0.0479 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-04 | 1E-08 |
| 24433 MARBELLA AVE | Pyrene | mg/kg | 0.025 | 95UCL | 6.7E+04 | -- | 4E-07 | -- |
| 24433 MARBELLA AVE | Tetrachloroethene | µg/kg | 3837 | 95UCL | 8.6E+04 | 1.0E+04 | 5E-02 | 4E-06 |
| 24433 MARBELLA AVE | Toluene | µg/kg | 17.93 | 95UCL | 1.6E+07 | -- | 1E-06 | -- |
| 24433 MARBELLA AVE | TPH as Diesel | mg/kg | 3456 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24433 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.19 | Max | 8.6E+02 | -- | 2E-04 | -- |
| 24433 MARBELLA AVE | TPH as Motor Oil | mg/kg | 7531 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24433 MARBELLA AVE | Trichloroethene | µg/kg | 140 | Max | 5.5E+03 | 1.9E+04 | 3E-02 | 8E-08 |
| 24433 MARBELLA AVE | Vanadium | mg/kg | 41.88 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24433 MARBELLA AVE | Xylenes, Total | µg/kg | 21.62 | 95UCL | 4.7E+05 | -- | 5E-05 | -- |
| 24436 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 0.91 | Max | 2.0E+03 | 7.2E+03 | 5E-04 | 1E-09 |
| 24436 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.217 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24436 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.026 | Max | 1.9E+05 | 2.7E+03 | 1E-07 | 1E-10 |
| 24436 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00749 | 95UCL | 1.1E+04 | -- | 7E-07 | -- |
| 24436 PANAMA AVE | Benzene | µg/kg | 1.761 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-05 | 8E-09 |
| 24436 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.45 | Max | 6.3E+04 | 6.4E+03 | 7E-06 | 7E-10 |
| 24436 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.303 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24436 PANAMA AVE | Ethylbenzene | µg/kg | 0.479 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-07 | 9E-11 |
| 24436 PANAMA AVE | Naphthalene | mg/kg | 0.00359 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-05 | 9E-10 |
| 24436 PANAMA AVE | Pyrene | mg/kg | 0.0249 | 95UCL | 6.7E+04 | -- | 4E-07 | -- |
| 24436 PANAMA AVE | Toluene | µg/kg | 0.394 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24436 PANAMA AVE | TPH as Diesel | mg/kg | 24.63 | 95UCL | 1.9E+03 | -- | 1E-02 | -- |
| 24436 PANAMA AVE | TPH as Gasoline | mg/kg | 0.087 | Max | 8.6E+02 | -- | 1E-04 | -- |
| 24436 PANAMA AVE | TPH as Motor Oil | mg/kg | 76.43 | 95UCL | 1.6E+05 | -- | 5E-04 | -- |
| 24436 PANAMA AVE | Xylenes, Total | µg/kg | 0.2 | Max | 4.7E+05 | -- | 4E-07 | -- |
| 24502 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 71.31 | 95UCL | 7.5E+04 | -- | 1E-03 | -- |
| 24502 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 9.236 | 95UCL | 7.7E+04 | -- | 1E-04 | -- |
| 24502 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.17 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 6E-11 |
| 24502 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.787 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-06 | 3E-09 |
| 24502 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 1.794 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24502 MARBELLA AVE | Benzene | µg/kg | 4.998 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-05 | 2E-08 |
| 24502 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24502 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.19 | Max | 4.9E+05 | 5.3E+03 | 4E-07 | 4E-10 |
| 24502 MARBELLA AVE | Bromomethane | µg/kg | 23.61 | 95UCL | 7.8E+03 | -- | 3E-03 | -- |
| 24502 MARBELLA AVE | Cobalt | mg/kg | 9.689 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24502 MARBELLA AVE | Ethylbenzene | µg/kg | 384.5 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-05 | 8E-08 |
| 24502 MARBELLA AVE | Naphthalene | mg/kg | 0.824 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-03 | 2E-07 |
| 24502 MARBELLA AVE | Pyrene | mg/kg | 0.286 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24502 MARBELLA AVE | Toluene | µg/kg | 5.616 | 95UCL | 1.6E+07 | -- | 3E-07 | -- |
| 24502 MARBELLA AVE | TPH as Diesel | mg/kg | 2303 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24502 MARBELLA AVE | TPH as Gasoline | mg/kg | 153.8 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24502 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3126 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24502 MARBELLA AVE | Xylenes, Total | µg/kg | 37.38 | 95UCL | 4.7E+05 | -- | 8E-05 | -- |
| 24502 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 7.305 | 95UCL | 7.5E+04 | -- | 1E-04 | -- |
| 24502 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 9.7 | Max | 7.7E+04 | -- | 1E-04 | -- |
| 24502 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.217 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-06 | 8E-10 |
| 24502 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.129 | 95UCL | 1.1E+04 | -- | 1E-05 | -- |
| 24502 NEPTUNE AVE | Benzene | µg/kg | 0.132 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 6E-10 |
| 24502 NEPTUNE AVE | Bromodichloromethane | µg/kg | 27 | Max | 4.9E+05 | 5.3E+03 | 6E-05 | 5E-08 |
| 24502 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.33 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24502 NEPTUNE AVE | Ethylbenzene | µg/kg | 24.43 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-06 | 5E-09 |
| 24502 NEPTUNE AVE | Naphthalene | mg/kg | 0.11 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-04 | 3E-08 |
| 24502 NEPTUNE AVE | Pyrene | mg/kg | 0.247 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24502 NEPTUNE AVE | Toluene | µg/kg | 0.15 | 95UCL | 1.6E+07 | -- | 9E-09 | -- |
| 24502 NEPTUNE AVE | TPH as Diesel | mg/kg | 2321 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24502 NEPTUNE AVE | TPH as Gasoline | mg/kg | 36.3 | 95UCL | 8.6E+02 | -- | 4E-02 | -- |
| 24502 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3580 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24502 NEPTUNE AVE | Xylenes, Total | µg/kg | 5.732 | 95UCL | 4.7E+05 | -- | 1E-05 | -- |
| 24502 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00268 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-08 | 1E-11 |
| 24502 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00226 | 95UCL | 1.1E+04 | -- | 2E-07 | -- |
| 24502 PANAMA AVE | Benzene | µg/kg | 1.183 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-05 | 5E-09 |
| 24502 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.26 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24502 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.223 | 95UCL | 3.2E+03 | 6.7E+00 | 7E-05 | 3E-07 |
| 24502 PANAMA AVE | Ethylbenzene | µg/kg | 0.426 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-08 | 8E-11 |
| 24502 PANAMA AVE | Naphthalene | mg/kg | 0.0017 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-05 | 4E-10 |
| 24502 PANAMA AVE | Pyrene | mg/kg | 0.00358 | 95UCL | 6.7E+04 | -- | 5E-08 | -- |
| 24502 PANAMA AVE | Toluene | µg/kg | 0.33 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24502 PANAMA AVE | TPH as Diesel | mg/kg | 43 | Max | 1.9E+03 | -- | 2E-02 | -- |
| 24502 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0816 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24502 PANAMA AVE | TPH as Motor Oil | mg/kg | 19.94 | 95UCL | 1.6E+05 | -- | 1E-04 | -- |
| 24502 PANAMA AVE | Xylenes, Total | µg/kg | 0.23 | Max | 4.7E+05 | -- | 5E-07 | -- |
| 24502 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1594 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24502 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1200 | Max | 7.7E+04 | -- | 2E-02 | -- |
| 24502 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 4.321 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24502 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 6.801 | 95UCL | 1.1E+04 | -- | 6E-04 | -- |
| 24502 RAVENNA AVE | Benzene | µg/kg | 110.3 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-03 | 5E-07 |
| 24502 RAVENNA AVE | Bromomethane | µg/kg | 900 | Max | 7.8E+03 | -- | 1E-01 | -- |
| 24502 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.369 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24502 RAVENNA AVE | Ethylbenzene | µg/kg | 577.6 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24502 RAVENNA AVE | Naphthalene | mg/kg | 2.498 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 6E-07 |
| 24502 RAVENNA AVE | Pyrene | mg/kg | 1.041 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24502 RAVENNA AVE | Toluene | µg/kg | 0.154 | 95UCL | 1.6E+07 | -- | 9E-09 | -- |
| 24502 RAVENNA AVE | TPH as Diesel | mg/kg | 3606 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24502 RAVENNA AVE | TPH as Gasoline | mg/kg | 320.5 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 24502 RAVENNA AVE | TPH as Motor Oil | mg/kg | 3824 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24502 RAVENNA AVE | Xylenes, Total | µg/kg | 532.9 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24503 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.27 | Max | 7.5E+04 | -- | 4E-06 | -- |
| 24503 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0075 | Max | 1.9E+05 | 2.7E+03 | 4E-08 | 3E-11 |
| 24503 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00165 | 95UCL | 1.1E+04 | -- | 2E-07 | -- |
| 24503 MARBELLA AVE | Benzene | µg/kg | 0.205 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24503 MARBELLA AVE | Cobalt | mg/kg | 13.81 | 95UCL | 2.0E+02 | 1.1E+02 | 7E-02 | 1E-06 |
| 24503 MARBELLA AVE | Naphthalene | mg/kg | 0.00812 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-05 | 2E-09 |
| 24503 MARBELLA AVE | Pyrene | mg/kg | 0.0234 | 95UCL | 6.7E+04 | -- | 4E-07 | -- |
| 24503 MARBELLA AVE | Tetrachloroethene | µg/kg | 2.304 | 95UCL | 8.6E+04 | 1.0E+04 | 3E-05 | 2E-09 |
| 24503 MARBELLA AVE | Toluene | µg/kg | 0.244 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24503 MARBELLA AVE | TPH as Diesel | mg/kg | 39.41 | 95UCL | 1.9E+03 | -- | 2E-02 | -- |
| 24503 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.17 | Max | 8.6E+02 | -- | 2E-04 | -- |
| 24503 MARBELLA AVE | TPH as Motor Oil | mg/kg | 97.78 | 95UCL | 1.6E+05 | -- | 6E-04 | -- |
| 24503 MARBELLA AVE | Trichloroethene | µg/kg | 0.26 | Max | 5.5E+03 | 1.9E+04 | 5E-05 | 1E-10 |
| 24503 MARBELLA AVE | Vanadium | mg/kg | 42.17 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24503 MARBELLA AVE | Xylenes, Total | µg/kg | 0.21 | Max | 4.7E+05 | -- | 5E-07 | -- |
| 24503 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 195.2 | 95UCL | 7.5E+04 | -- | 3E-03 | -- |
| 24503 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 77.44 | 95UCL | 7.7E+04 | -- | 1E-03 | -- |
| 24503 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.077 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-06 | 4E-09 |
| 24503 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 2.316 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24503 NEPTUNE AVE | Benzene | µg/kg | 16.3 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-04 | 7E-08 |
| 24503 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.2 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24503 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24503 NEPTUNE AVE | Ethylbenzene | µg/kg | 317.6 | 95UCL | 4.5E+06 | 5.1E+04 | 7E-05 | 6E-08 |
| 24503 NEPTUNE AVE | Naphthalene | mg/kg | 0.874 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-03 | 2E-07 |
| 24503 NEPTUNE AVE | Pyrene | mg/kg | 0.582 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24503 NEPTUNE AVE | Toluene | µg/kg | 0.197 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24503 NEPTUNE AVE | TPH as Diesel | mg/kg | 8762 | 95UCL | 1.9E+03 | -- | **5E+00** | -- |
| 24503 NEPTUNE AVE | TPH as Gasoline | mg/kg | 239.7 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24503 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6378 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24503 NEPTUNE AVE | Xylenes, Total | µg/kg | 343 | 95UCL | 4.7E+05 | -- | 7E-04 | -- |
| 24503 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 131.2 | 95UCL | 7.5E+04 | -- | 2E-03 | -- |
| 24503 PANAMA AVE | 1,2-Dichloropropane | µg/kg | 100 | Max | 1.2E+04 | 8.5E+03 | 8E-03 | 1E-07 |
| 24503 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 11.61 | 95UCL | 7.7E+04 | -- | 2E-04 | -- |
| 24503 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.552 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-06 | 6E-09 |
| 24503 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 4.323 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24503 PANAMA AVE | Benzene | µg/kg | 49.61 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-04 | 2E-07 |
| 24503 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.26 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24503 PANAMA AVE | Ethylbenzene | µg/kg | 560.2 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24503 PANAMA AVE | Naphthalene | mg/kg | 1.038 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-03 | 3E-07 |
| 24503 PANAMA AVE | Pyrene | mg/kg | 0.305 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24503 PANAMA AVE | Toluene | µg/kg | 7.6 | 95UCL | 1.6E+07 | -- | 5E-07 | -- |
| 24503 PANAMA AVE | TPH as Diesel | mg/kg | 3450 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24503 PANAMA AVE | TPH as Gasoline | mg/kg | 160.4 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24503 PANAMA AVE | TPH as Motor Oil | mg/kg | 4023 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24503 PANAMA AVE | Xylenes, Total | µg/kg | 156.6 | 95UCL | 4.7E+05 | -- | 3E-04 | -- |
| 24503 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 80.57 | 95UCL | 7.5E+04 | -- | 1E-03 | -- |
| 24503 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 7.648 | 95UCL | 7.7E+04 | -- | 1E-04 | -- |
| 24503 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.001 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 8E-09 |
| 24503 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 2.988 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 24503 RAVENNA AVE | Benzene | µg/kg | 0.724 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-05 | 3E-09 |
| 24503 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.4 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24503 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24503 RAVENNA AVE | Ethylbenzene | µg/kg | 26.13 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-06 | 5E-09 |
| 24503 RAVENNA AVE | Methylene Chloride | µg/kg | 3 | Max | 1.2E+06 | 5.9E+04 | 2E-06 | 5E-10 |
| 24503 RAVENNA AVE | Naphthalene | mg/kg | 1.009 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-03 | 3E-07 |
| 24503 RAVENNA AVE | Pyrene | mg/kg | 0.588 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24503 RAVENNA AVE | Toluene | µg/kg | 0.675 | 95UCL | 1.6E+07 | -- | 4E-08 | -- |
| 24503 RAVENNA AVE | TPH as Diesel | mg/kg | 1067 | 95UCL | 1.9E+03 | -- | 6E-01 | -- |
| 24503 RAVENNA AVE | TPH as Gasoline | mg/kg | 247.6 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24503 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1309 | 95UCL | 1.6E+05 | -- | 8E-03 | -- |
| 24503 RAVENNA AVE | Xylenes, Total | µg/kg | 12.54 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 24506 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2786 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24506 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 834.1 | 95UCL | 7.7E+04 | -- | 1E-02 | -- |
| 24506 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 24506 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 7.249 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24506 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 11.3 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24506 MARBELLA AVE | Benzene | µg/kg | 930.1 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-02 | 4E-06 |
| 24506 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24506 MARBELLA AVE | Bromomethane | µg/kg | 220 | Max | 7.8E+03 | -- | 3E-02 | -- |
| 24506 MARBELLA AVE | Cobalt | mg/kg | 10.22 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24506 MARBELLA AVE | Ethylbenzene | µg/kg | 1474 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24506 MARBELLA AVE | Methylene Chloride | µg/kg | 4.4 | Max | 1.2E+06 | 5.9E+04 | 4E-06 | 8E-10 |
| 24506 MARBELLA AVE | Naphthalene | mg/kg | 4.233 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24506 MARBELLA AVE | Pyrene | mg/kg | 1.021 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24506 MARBELLA AVE | Toluene | µg/kg | 1574 | 95UCL | 1.6E+07 | -- | 1E-04 | -- |
| 24506 MARBELLA AVE | TPH as Diesel | mg/kg | 6550 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24506 MARBELLA AVE | TPH as Gasoline | mg/kg | 393 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24506 MARBELLA AVE | TPH as Motor Oil | mg/kg | 10441 | 95UCL | 1.6E+05 | -- | 7E-02 | -- |
| 24506 MARBELLA AVE | Xylenes, Total | µg/kg | 5700 | 95UCL | 4.7E+05 | -- | 1E-02 | -- |
| 24507 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.008 | Max | 1.9E+05 | 2.7E+03 | 4E-08 | 3E-11 |
| 24507 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00887 | 95UCL | 1.1E+04 | -- | 8E-07 | -- |
| 24507 MARBELLA AVE | Benzene | µg/kg | 0.206 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24507 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24507 MARBELLA AVE | Cobalt | mg/kg | 13.73 | 95UCL | 2.0E+02 | 1.1E+02 | 7E-02 | 1E-06 |
| 24507 MARBELLA AVE | Naphthalene | mg/kg | 0.0099 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-05 | 3E-09 |
| 24507 MARBELLA AVE | Pyrene | mg/kg | 0.0769 | 95UCL | 6.7E+04 | -- | 1E-06 | -- |
| 24507 MARBELLA AVE | Tetrachloroethene | µg/kg | 2.282 | 95UCL | 8.6E+04 | 1.0E+04 | 3E-05 | 2E-09 |
| 24507 MARBELLA AVE | Toluene | µg/kg | 0.204 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24507 MARBELLA AVE | TPH as Diesel | mg/kg | 71.39 | 95UCL | 1.9E+03 | -- | 4E-02 | -- |
| 24507 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0781 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 24507 MARBELLA AVE | TPH as Motor Oil | mg/kg | 237.3 | 95UCL | 1.6E+05 | -- | 2E-03 | -- |
| 24507 MARBELLA AVE | Trichloroethene | µg/kg | 0.22 | Max | 5.5E+03 | 1.9E+04 | 4E-05 | 1E-10 |
| 24507 MARBELLA AVE | Vanadium | mg/kg | 48.4 | 95UCL | 3.3E+03 | -- | 2E-02 | -- |
| 24508 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1290 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24508 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 2200 | Max | 7.7E+04 | -- | 3E-02 | -- |
| 24508 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 200 | Max | 8.7E+06 | 2.8E+04 | 2E-05 | 7E-08 |
| 24508 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.93 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24508 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 7.842 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 24508 NEPTUNE AVE | Benzene | µg/kg | 443 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-03 | 2E-06 |
| 24508 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.32 | Max | 6.3E+04 | 6.4E+03 | 5E-06 | 5E-10 |
| 24508 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.35 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24508 NEPTUNE AVE | Ethylbenzene | µg/kg | 1134 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 2E-07 |
| 24508 NEPTUNE AVE | Naphthalene | mg/kg | 3.131 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 8E-07 |
| 24508 NEPTUNE AVE | Pyrene | mg/kg | 0.408 | 95UCL | 6.7E+04 | -- | 6E-06 | -- |
| 24508 NEPTUNE AVE | Toluene | µg/kg | 0.208 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24508 NEPTUNE AVE | TPH as Diesel | mg/kg | 3550 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24508 NEPTUNE AVE | TPH as Gasoline | mg/kg | 413.4 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24508 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4089 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24508 NEPTUNE AVE | Xylenes, Total | µg/kg | 544.2 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24508 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00262 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-08 | 1E-11 |
| 24508 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00303 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 24508 PANAMA AVE | Benzene | µg/kg | 1.952 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-05 | 9E-09 |
| 24508 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24508 PANAMA AVE | Bromomethane | µg/kg | 1.7 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24508 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.307 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24508 PANAMA AVE | Ethylbenzene | µg/kg | 1.3 | Max | 4.5E+06 | 5.1E+04 | 3E-07 | 3E-10 |
| 24508 PANAMA AVE | Naphthalene | mg/kg | 0.00216 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-05 | 6E-10 |
| 24508 PANAMA AVE | Pyrene | mg/kg | 0.00373 | 95UCL | 6.7E+04 | -- | 6E-08 | -- |
| 24508 PANAMA AVE | Toluene | µg/kg | 0.41 | 95UCL | 1.6E+07 | -- | 3E-08 | -- |
| 24508 PANAMA AVE | TPH as Diesel | mg/kg | 88 | Max | 1.9E+03 | -- | 5E-02 | -- |
| 24508 PANAMA AVE | TPH as Gasoline | mg/kg | 0.075 | Max | 8.6E+02 | -- | 9E-05 | -- |
| 24508 PANAMA AVE | TPH as Motor Oil | mg/kg | 280 | Max | 1.6E+05 | -- | 2E-03 | -- |
| 24508 PANAMA AVE | Trichloroethene | µg/kg | 1.4 | Max | 5.5E+03 | 1.9E+04 | 3E-04 | 8E-10 |
| 24508 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 13203 | 95UCL | 7.5E+04 | -- | 2E-01 | -- |
| 24508 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2137 | 95UCL | 7.7E+04 | -- | 3E-02 | -- |
| 24508 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 9.716 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-05 | 4E-08 |
| 24508 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 14.68 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24508 RAVENNA AVE | Benzene | µg/kg | 3232 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-02 | **2E-05** |
| 24508 RAVENNA AVE | Cobalt | mg/kg | 9.427 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24508 RAVENNA AVE | Ethylbenzene | µg/kg | 4268 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-04 | 8E-07 |
| 24508 RAVENNA AVE | Naphthalene | mg/kg | 6.496 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24508 RAVENNA AVE | Pyrene | mg/kg | 0.635 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24508 RAVENNA AVE | Toluene | µg/kg | 21.72 | 95UCL | 1.6E+07 | -- | 1E-06 | -- |
| 24508 RAVENNA AVE | TPH as Diesel | mg/kg | 7154 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24508 RAVENNA AVE | TPH as Gasoline | mg/kg | 882.9 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24508 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6347 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24508 RAVENNA AVE | Xylenes, Total | µg/kg | 9175 | 95UCL | 4.7E+05 | -- | 2E-02 | -- |
| 24509 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.206 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24509 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.089 | Max | 7.7E+04 | -- | 1E-06 | -- |
| 24509 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.636 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-06 | 2E-09 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24509 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.958 | 95UCL | 1.1E+04 | -- | 9E-05 | -- |
| 24509 NEPTUNE AVE | Benzene | µg/kg | 0.194 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24509 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24509 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.24 | Max | 4.9E+05 | 5.3E+03 | 5E-07 | 5E-10 |
| 24509 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.37 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24509 NEPTUNE AVE | Ethylbenzene | µg/kg | 19 | Max | 4.5E+06 | 5.1E+04 | 4E-06 | 4E-09 |
| 24509 NEPTUNE AVE | Naphthalene | mg/kg | 0.3 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-03 | 8E-08 |
| 24509 NEPTUNE AVE | Pyrene | mg/kg | 0.442 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24509 NEPTUNE AVE | Toluene | µg/kg | 0.257 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24509 NEPTUNE AVE | TPH as Diesel | mg/kg | 1985 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24509 NEPTUNE AVE | TPH as Gasoline | mg/kg | 35.17 | 95UCL | 8.6E+02 | -- | 4E-02 | -- |
| 24509 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3015 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24509 NEPTUNE AVE | Xylenes, Total | µg/kg | 11.71 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 24509 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2301 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24509 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 331 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24509 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 2.11 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 8E-09 |
| 24509 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 4.744 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24509 PANAMA AVE | Benzene | µg/kg | 462.9 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-03 | 2E-06 |
| 24509 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.82 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24509 PANAMA AVE | Bromomethane | µg/kg | 2.5 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24509 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 8E-07 |
| 24509 PANAMA AVE | Ethylbenzene | µg/kg | 1252 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24509 PANAMA AVE | Naphthalene | mg/kg | 2.835 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 7E-07 |
| 24509 PANAMA AVE | Pyrene | mg/kg | 0.436 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24509 PANAMA AVE | Toluene | µg/kg | 7.2 | 95UCL | 1.6E+07 | -- | 4E-07 | -- |
| 24509 PANAMA AVE | TPH as Diesel | mg/kg | 4083 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24509 PANAMA AVE | TPH as Gasoline | mg/kg | 425.7 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24509 PANAMA AVE | TPH as Motor Oil | mg/kg | 4919 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24509 PANAMA AVE | Xylenes, Total | µg/kg | 2394 | 95UCL | 4.7E+05 | -- | 5E-03 | -- |
| 24509 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 7040 | 95UCL | 7.5E+04 | -- | 9E-02 | -- |
| 24509 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1094 | 95UCL | 7.7E+04 | -- | 1E-02 | -- |
| 24509 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 4.94 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24509 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 12.75 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24509 RAVENNA AVE | Benzene | µg/kg | 2747 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-02 | 1E-05 |
| 24509 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.66 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24509 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24509 RAVENNA AVE | Ethylbenzene | µg/kg | 4953 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-03 | 1E-06 |
| 24509 RAVENNA AVE | Naphthalene | mg/kg | 5.155 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 1E-06 |
| 24509 RAVENNA AVE | Pyrene | mg/kg | 0.95 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24509 RAVENNA AVE | Toluene | µg/kg | 0.175 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24509 RAVENNA AVE | TPH as Diesel | mg/kg | 6285 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24509 RAVENNA AVE | TPH as Gasoline | mg/kg | 643.4 | 95UCL | 8.6E+02 | -- | 8E-01 | -- |
| 24509 RAVENNA AVE | TPH as Motor Oil | mg/kg | 8010 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24509 RAVENNA AVE | Xylenes, Total | µg/kg | 7045 | 95UCL | 4.7E+05 | -- | 2E-02 | -- |
| 24512 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3133 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24512 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 777.4 | 95UCL | 7.7E+04 | -- | 1E-02 | -- |
| 24512 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 7.089 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24512 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 10.91 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24512 MARBELLA AVE | Benzene | µg/kg | 408.5 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-03 | 2E-06 |
| 24512 MARBELLA AVE | Bromomethane | µg/kg | 2.8 | Max | 7.8E+03 | -- | 4E-04 | -- |
| 24512 MARBELLA AVE | Cobalt | mg/kg | 10.79 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 1E-06 |
| 24512 MARBELLA AVE | Ethylbenzene | µg/kg | 1580 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-04 | 3E-07 |
| 24512 MARBELLA AVE | Naphthalene | mg/kg | 4.874 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24512 MARBELLA AVE | Pyrene | mg/kg | 0.924 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24512 MARBELLA AVE | Toluene | µg/kg | 28.2 | 95UCL | 1.6E+07 | -- | 2E-06 | -- |
| 24512 MARBELLA AVE | TPH as Diesel | mg/kg | 8948 | 95UCL | 1.9E+03 | -- | **5E+00** | -- |
| 24512 MARBELLA AVE | TPH as Gasoline | mg/kg | 740.5 | 95UCL | 8.6E+02 | -- | 9E-01 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24512 MARBELLA AVE | TPH as Motor Oil | mg/kg | 24739 | 95UCL | 1.6E+05 | -- | 2E-01 | -- |
| 24512 MARBELLA AVE | Vanadium | mg/kg | 41.33 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24512 MARBELLA AVE | Xylenes, Total | µg/kg | 1503 | 95UCL | 4.7E+05 | -- | 3E-03 | -- |
| 24512 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1328 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24512 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 610 | Max | 7.7E+04 | -- | 8E-03 | -- |
| 24512 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.563 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24512 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.012 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24512 NEPTUNE AVE | Benzene | µg/kg | 243.8 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-03 | 1E-06 |
| 24512 NEPTUNE AVE | Ethylbenzene | µg/kg | 1264 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24512 NEPTUNE AVE | Methylene Chloride | µg/kg | 1.4 | Max | 1.2E+06 | 5.9E+04 | 1E-06 | 2E-10 |
| 24512 NEPTUNE AVE | Naphthalene | mg/kg | 3.455 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 9E-07 |
| 24512 NEPTUNE AVE | Pyrene | mg/kg | 0.634 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24512 NEPTUNE AVE | TPH as Diesel | mg/kg | 3969 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24512 NEPTUNE AVE | TPH as Gasoline | mg/kg | 188.1 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24512 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5086 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24512 NEPTUNE AVE | Xylenes, Total | µg/kg | 287 | 95UCL | 4.7E+05 | -- | 6E-04 | -- |
| 24512 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.11 | Max | 7.5E+04 | -- | 2E-06 | -- |
| 24512 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00187 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-08 | 7E-12 |
| 24512 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00311 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 24512 PANAMA AVE | Benzene | µg/kg | 2.497 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-05 | 1E-08 |
| 24512 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24512 PANAMA AVE | Ethylbenzene | µg/kg | 0.665 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-07 | 1E-10 |
| 24512 PANAMA AVE | Naphthalene | mg/kg | 0.0582 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-04 | 2E-08 |
| 24512 PANAMA AVE | Pyrene | mg/kg | 0.0133 | 95UCL | 6.7E+04 | -- | 2E-07 | -- |
| 24512 PANAMA AVE | Toluene | µg/kg | 0.371 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24512 PANAMA AVE | TPH as Diesel | mg/kg | 45 | Max | 1.9E+03 | -- | 2E-02 | -- |
| 24512 PANAMA AVE | TPH as Gasoline | mg/kg | 0.075 | Max | 8.6E+02 | -- | 9E-05 | -- |
| 24512 PANAMA AVE | TPH as Motor Oil | mg/kg | 140 | Max | 1.6E+05 | -- | 9E-04 | -- |
| 24512 PANAMA AVE | Trichloroethene | µg/kg | 0.3 | Max | 5.5E+03 | 1.9E+04 | 6E-05 | 2E-10 |
| 24512 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3739 | 95UCL | 7.5E+04 | -- | 5E-02 | -- |
| 24512 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 344.3 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24512 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.896 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24512 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 4.657 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24512 RAVENNA AVE | Benzene | µg/kg | 482.9 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-03 | 2E-06 |
| 24512 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.74 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24512 RAVENNA AVE | Bromomethane | µg/kg | 500 | Max | 7.8E+03 | -- | 6E-02 | -- |
| 24512 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24512 RAVENNA AVE | Ethylbenzene | µg/kg | 1037 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24512 RAVENNA AVE | Naphthalene | mg/kg | 2.148 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 6E-07 |
| 24512 RAVENNA AVE | Pyrene | mg/kg | 0.217 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 24512 RAVENNA AVE | Toluene | µg/kg | 3.207 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 24512 RAVENNA AVE | TPH as Diesel | mg/kg | 2850 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24512 RAVENNA AVE | TPH as Gasoline | mg/kg | 502.4 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24512 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4613 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24512 RAVENNA AVE | Xylenes, Total | µg/kg | 1474 | 95UCL | 4.7E+05 | -- | 3E-03 | -- |
| 24513 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1175 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24513 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 180.3 | 95UCL | 7.7E+04 | -- | 2E-03 | -- |
| 24513 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.871 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24513 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 7.457 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 24513 NEPTUNE AVE | Benzene | µg/kg | 187.2 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-03 | 8E-07 |
| 24513 NEPTUNE AVE | Bromomethane | µg/kg | 420 | Max | 7.8E+03 | -- | 5E-02 | -- |
| 24513 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24513 NEPTUNE AVE | Ethylbenzene | µg/kg | 885.2 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24513 NEPTUNE AVE | Naphthalene | mg/kg | 3.114 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 8E-07 |
| 24513 NEPTUNE AVE | Pyrene | mg/kg | 0.325 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24513 NEPTUNE AVE | Toluene | µg/kg | 0.241 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24513 NEPTUNE AVE | TPH as Diesel | mg/kg | 3254 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24513 NEPTUNE AVE | TPH as Gasoline | mg/kg | 348.6 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 24513 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3508 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24513 NEPTUNE AVE | Xylenes, Total | µg/kg | 378.4 | 95UCL | 4.7E+05 | -- | 8E-04 | -- |
| 24513 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 5069 | 95UCL | 7.5E+04 | -- | 7E-02 | -- |
| 24513 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 725.1 | 95UCL | 7.7E+04 | -- | 9E-03 | -- |
| 24513 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 440 | Max | 8.7E+06 | 2.8E+04 | 5E-05 | 2E-07 |
| 24513 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 6.542 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24513 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 10.42 | 95UCL | 1.1E+04 | -- | 9E-04 | -- |
| 24513 PANAMA AVE | Benzene | µg/kg | 610.5 | 95UCL | 6.9E+04 | 2.2E+03 | 9E-03 | 3E-06 |
| 24513 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.56 | Max | 6.3E+04 | 6.4E+03 | 9E-06 | 9E-10 |
| 24513 PANAMA AVE | Bromomethane | µg/kg | 1.8 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24513 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.262 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24513 PANAMA AVE | Ethylbenzene | µg/kg | 1877 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-04 | 4E-07 |
| 24513 PANAMA AVE | Naphthalene | mg/kg | 4.477 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24513 PANAMA AVE | Pyrene | mg/kg | 0.362 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24513 PANAMA AVE | Toluene | µg/kg | 7.453 | 95UCL | 1.6E+07 | -- | 5E-07 | -- |
| 24513 PANAMA AVE | TPH as Diesel | mg/kg | 5451 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24513 PANAMA AVE | TPH as Gasoline | mg/kg | 638.1 | 95UCL | 8.6E+02 | -- | 7E-01 | -- |
| 24513 PANAMA AVE | TPH as Motor Oil | mg/kg | 6025 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24513 PANAMA AVE | Xylenes, Total | µg/kg | 1536 | 95UCL | 4.7E+05 | -- | 3E-03 | -- |
| 24513 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1175 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24513 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 272.7 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24513 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.18 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 6E-11 |
| 24513 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.975 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24513 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 10.09 | 95UCL | 1.1E+04 | -- | 9E-04 | -- |
| 24513 RAVENNA AVE | Benzene | µg/kg | 89.43 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 4E-07 |
| 24513 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.16 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24513 RAVENNA AVE | Bromodichloromethane | µg/kg | 0.17 | Max | 4.9E+05 | 5.3E+03 | 4E-07 | 3E-10 |
| 24513 RAVENNA AVE | Ethylbenzene | µg/kg | 596 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24513 RAVENNA AVE | Naphthalene | mg/kg | 3.4 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 9E-07 |
| 24513 RAVENNA AVE | Pyrene | mg/kg | 0.713 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24513 RAVENNA AVE | Toluene | µg/kg | 0.236 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24513 RAVENNA AVE | TPH as Diesel | mg/kg | 6633 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24513 RAVENNA AVE | TPH as Gasoline | mg/kg | 214.6 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24513 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6905 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24513 RAVENNA AVE | Xylenes, Total | µg/kg | 384.3 | 95UCL | 4.7E+05 | -- | 8E-04 | -- |
| 24516 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 9041 | 95UCL | 7.5E+04 | -- | 1E-01 | -- |
| 24516 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1472 | 95UCL | 7.7E+04 | -- | 2E-02 | -- |
| 24516 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 5.388 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24516 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 15.88 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24516 MARBELLA AVE | Benzene | µg/kg | 2578 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-02 | 1E-05 |
| 24516 MARBELLA AVE | Bromomethane | µg/kg | 2.3 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24516 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24516 MARBELLA AVE | Ethylbenzene | µg/kg | 2354 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-04 | 5E-07 |
| 24516 MARBELLA AVE | Naphthalene | mg/kg | 7.062 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24516 MARBELLA AVE | Pyrene | mg/kg | 0.352 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24516 MARBELLA AVE | Toluene | µg/kg | 414.5 | 95UCL | 1.6E+07 | -- | 3E-05 | -- |
| 24516 MARBELLA AVE | TPH as Diesel | mg/kg | 6056 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24516 MARBELLA AVE | TPH as Gasoline | mg/kg | 1151 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24516 MARBELLA AVE | TPH as Motor Oil | mg/kg | 5612 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24516 MARBELLA AVE | Xylenes, Total | µg/kg | 14329 | 95UCL | 4.7E+05 | -- | 3E-02 | -- |
| 24517 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.25 | Max | 7.5E+04 | -- | 3E-06 | -- |
| 24517 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.11 | Max | 1.9E+05 | 2.7E+03 | 6E-07 | 4E-10 |
| 24517 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00588 | 95UCL | 1.1E+04 | -- | 5E-07 | -- |
| 24517 MARBELLA AVE | Benzene | µg/kg | 0.17 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24517 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24517 MARBELLA AVE | Cobalt | mg/kg | 13.17 | 95UCL | 2.0E+02 | 1.1E+02 | 7E-02 | 1E-06 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24517 MARBELLA AVE | Naphthalene | mg/kg | 0.0328 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-04 | 8E-09 |
| 24517 MARBELLA AVE | Pyrene | mg/kg | 0.583 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24517 MARBELLA AVE | Toluene | µg/kg | 0.56 | Max | 1.6E+07 | -- | 3E-08 | -- |
| 24517 MARBELLA AVE | TPH as Diesel | mg/kg | 352.6 | 95UCL | 1.9E+03 | -- | 2E-01 | -- |
| 24517 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.23 | Max | 8.6E+02 | -- | 3E-04 | -- |
| 24517 MARBELLA AVE | TPH as Motor Oil | mg/kg | 764.7 | 95UCL | 1.6E+05 | -- | 5E-03 | -- |
| 24517 MARBELLA AVE | Vanadium | mg/kg | 47.35 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24518 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 408.7 | 95UCL | 7.5E+04 | -- | 5E-03 | -- |
| 24518 NEPTUNE AVE | 1,2-Dichloropropane | µg/kg | 0.45 | Max | 1.2E+04 | 8.5E+03 | 4E-05 | 5E-10 |
| 24518 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 250 | Max | 7.7E+04 | -- | 3E-03 | -- |
| 24518 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 3.286 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24518 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 1.1 | Max | 6.3E+03 | 2.8E+02 | 2E-04 | 4E-08 |
| 24518 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 8.479 | 95UCL | 1.1E+04 | -- | 8E-04 | -- |
| 24518 NEPTUNE AVE | Benzene | µg/kg | 53.19 | 95UCL | 6.9E+04 | 2.2E+03 | 8E-04 | 2E-07 |
| 24518 NEPTUNE AVE | Bromomethane | µg/kg | 95.46 | 95UCL | 7.8E+03 | -- | 1E-02 | -- |
| 24518 NEPTUNE AVE | Cobalt | mg/kg | 9.266 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24518 NEPTUNE AVE | Ethylbenzene | µg/kg | 497.6 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24518 NEPTUNE AVE | Naphthalene | mg/kg | 2.983 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 8E-07 |
| 24518 NEPTUNE AVE | Pyrene | mg/kg | 0.593 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24518 NEPTUNE AVE | Toluene | µg/kg | 7.764 | 95UCL | 1.6E+07 | -- | 5E-07 | -- |
| 24518 NEPTUNE AVE | TPH as Diesel | mg/kg | 3871 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24518 NEPTUNE AVE | TPH as Gasoline | mg/kg | 397.5 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24518 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4538 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24518 NEPTUNE AVE | Xylenes, Total | µg/kg | 187.8 | 95UCL | 4.7E+05 | -- | 4E-04 | -- |
| 24518 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.18 | Max | 7.5E+04 | -- | 2E-06 | -- |
| 24518 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.024 | Max | 1.9E+05 | 2.7E+03 | 1E-07 | 9E-11 |
| 24518 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0102 | 95UCL | 1.1E+04 | -- | 9E-07 | -- |
| 24518 PANAMA AVE | Benzene | µg/kg | 1.935 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-05 | 9E-09 |
| 24518 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.61 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24518 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.296 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24518 PANAMA AVE | Ethylbenzene | µg/kg | 0.715 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-07 | 1E-10 |
| 24518 PANAMA AVE | Naphthalene | mg/kg | 0.00313 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-05 | 8E-10 |
| 24518 PANAMA AVE | Pyrene | mg/kg | 0.0385 | 95UCL | 6.7E+04 | -- | 6E-07 | -- |
| 24518 PANAMA AVE | Toluene | µg/kg | 0.377 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24518 PANAMA AVE | TPH as Diesel | mg/kg | 43.67 | 95UCL | 1.9E+03 | -- | 2E-02 | -- |
| 24518 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0682 | 95UCL | 8.6E+02 | -- | 8E-05 | -- |
| 24518 PANAMA AVE | TPH as Motor Oil | mg/kg | 153.6 | 95UCL | 1.6E+05 | -- | 1E-03 | -- |
| 24518 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2249 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24518 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 100.3 | 95UCL | 7.7E+04 | -- | 1E-03 | -- |
| 24518 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.203 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24518 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 7.292 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 24518 RAVENNA AVE | Benzene | µg/kg | 173.3 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-03 | 8E-07 |
| 24518 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24518 RAVENNA AVE | Ethylbenzene | µg/kg | 1320 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24518 RAVENNA AVE | Naphthalene | mg/kg | 3.994 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24518 RAVENNA AVE | Pyrene | mg/kg | 0.474 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24518 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.44 | Max | 8.6E+04 | 1.0E+04 | 5E-06 | 4E-10 |
| 24518 RAVENNA AVE | Toluene | µg/kg | 0.324 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24518 RAVENNA AVE | TPH as Diesel | mg/kg | 4092 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24518 RAVENNA AVE | TPH as Gasoline | mg/kg | 539.2 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24518 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4300 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24518 RAVENNA AVE | Xylenes, Total | µg/kg | 399.5 | 95UCL | 4.7E+05 | -- | 9E-04 | -- |
| 24519 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 121.7 | 95UCL | 7.5E+04 | -- | 2E-03 | -- |
| 24519 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.952 | 95UCL | 7.7E+04 | -- | 3E-05 | -- |
| 24519 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.25 | Max | 8.7E+06 | 2.8E+04 | 3E-08 | 9E-11 |
| 24519 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.843 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 7E-09 |
| 24519 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.468 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24519 NEPTUNE AVE | Benzene | µg/kg | 32.22 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-04 | 1E-07 |
| 24519 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.23 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24519 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 7E-07 |
| 24519 NEPTUNE AVE | Ethylbenzene | µg/kg | 795.3 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24519 NEPTUNE AVE | Naphthalene | mg/kg | 1.898 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 5E-07 |
| 24519 NEPTUNE AVE | Pyrene | mg/kg | 0.359 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24519 NEPTUNE AVE | Toluene | µg/kg | 5.472 | 95UCL | 1.6E+07 | -- | 3E-07 | -- |
| 24519 NEPTUNE AVE | TPH as Diesel | mg/kg | 2290 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24519 NEPTUNE AVE | TPH as Gasoline | mg/kg | 119.4 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24519 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2535 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24519 NEPTUNE AVE | Xylenes, Total | µg/kg | 12.8 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 24519 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1287 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24519 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 150 | Max | 7.7E+04 | -- | 2E-03 | -- |
| 24519 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.791 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-06 | 7E-09 |
| 24519 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 4.478 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24519 PANAMA AVE | Benzene | µg/kg | 199.3 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-03 | 9E-07 |
| 24519 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.262 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24519 PANAMA AVE | Ethylbenzene | µg/kg | 886.5 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24519 PANAMA AVE | Naphthalene | mg/kg | 2.316 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 6E-07 |
| 24519 PANAMA AVE | Pyrene | mg/kg | 0.348 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24519 PANAMA AVE | Toluene | µg/kg | 0.276 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24519 PANAMA AVE | TPH as Diesel | mg/kg | 3668 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24519 PANAMA AVE | TPH as Gasoline | mg/kg | 214.3 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24519 PANAMA AVE | TPH as Motor Oil | mg/kg | 3453 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24519 PANAMA AVE | Xylenes, Total | µg/kg | 165.2 | 95UCL | 4.7E+05 | -- | 4E-04 | -- |
| 24522 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1317 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24522 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 38.9 | 95UCL | 7.7E+04 | -- | 5E-04 | -- |
| 24522 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 6.352 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24522 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 8.889 | 95UCL | 1.1E+04 | -- | 8E-04 | -- |
| 24522 MARBELLA AVE | Benzene | µg/kg | 656.8 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-02 | 3E-06 |
| 24522 MARBELLA AVE | Bromodichloromethane | µg/kg | 2.4 | Max | 4.9E+05 | 5.3E+03 | 5E-06 | 5E-09 |
| 24522 MARBELLA AVE | Cobalt | mg/kg | 12.17 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24522 MARBELLA AVE | Ethylbenzene | µg/kg | 3667 | 95UCL | 4.5E+06 | 5.1E+04 | 8E-04 | 7E-07 |
| 24522 MARBELLA AVE | Naphthalene | mg/kg | 4.166 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24522 MARBELLA AVE | Pyrene | mg/kg | 0.0829 | 95UCL | 6.7E+04 | -- | 1E-06 | -- |
| 24522 MARBELLA AVE | Toluene | µg/kg | 16.67 | 95UCL | 1.6E+07 | -- | 1E-06 | -- |
| 24522 MARBELLA AVE | TPH as Diesel | mg/kg | 13753 | 95UCL | 1.9E+03 | -- | **7E+00** | -- |
| 24522 MARBELLA AVE | TPH as Gasoline | mg/kg | 472.9 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24522 MARBELLA AVE | TPH as Motor Oil | mg/kg | 13484 | 95UCL | 1.6E+05 | -- | 8E-02 | -- |
| 24522 MARBELLA AVE | Trichloroethene | µg/kg | 0.69 | Max | 5.5E+03 | 1.9E+04 | 1E-04 | 4E-10 |
| 24522 MARBELLA AVE | Vanadium | mg/kg | 43.05 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24522 MARBELLA AVE | Xylenes, Total | µg/kg | 270 | 95UCL | 4.7E+05 | -- | 6E-04 | -- |
| 24522 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 29.51 | 95UCL | 7.5E+04 | -- | 4E-04 | -- |
| 24522 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 26 | Max | 7.7E+04 | -- | 3E-04 | -- |
| 24522 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 2.985 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24522 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 4.717 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24522 NEPTUNE AVE | Benzene | µg/kg | 62.3 | 95UCL | 6.9E+04 | 2.2E+03 | 9E-04 | 3E-07 |
| 24522 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.35 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24522 NEPTUNE AVE | Cobalt | mg/kg | 9.639 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24522 NEPTUNE AVE | Ethylbenzene | µg/kg | 596.9 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24522 NEPTUNE AVE | Methylene Chloride | µg/kg | 4.9 | Max | 1.2E+06 | 5.9E+04 | 4E-06 | 8E-10 |
| 24522 NEPTUNE AVE | Naphthalene | mg/kg | 2.169 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 6E-07 |
| 24522 NEPTUNE AVE | Pyrene | mg/kg | 0.455 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24522 NEPTUNE AVE | Toluene | µg/kg | 0.239 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24522 NEPTUNE AVE | TPH as Diesel | mg/kg | 2313 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24522 NEPTUNE AVE | TPH as Gasoline | mg/kg | 129.9 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24522 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3451 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24522 NEPTUNE AVE | Xylenes, Total | µg/kg | 14.33 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 24522 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.86 | Max | 7.5E+04 | -- | 1E-05 | -- |
| 24522 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.22 | Max | 7.7E+04 | -- | 3E-06 | -- |
| 24522 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00251 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-08 | 9E-12 |
| 24522 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00301 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 24522 PANAMA AVE | Benzene | µg/kg | 3.331 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-05 | 2E-08 |
| 24522 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.292 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24522 PANAMA AVE | Ethylbenzene | µg/kg | 0.426 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-08 | 8E-11 |
| 24522 PANAMA AVE | Naphthalene | mg/kg | 0.0021 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-05 | 5E-10 |
| 24522 PANAMA AVE | Pyrene | mg/kg | 0.00651 | 95UCL | 6.7E+04 | -- | 1E-07 | -- |
| 24522 PANAMA AVE | Toluene | µg/kg | 1.671 | 95UCL | 1.6E+07 | -- | 1E-07 | -- |
| 24522 PANAMA AVE | TPH as Diesel | mg/kg | 160 | Max | 1.9E+03 | -- | 8E-02 | -- |
| 24522 PANAMA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 8.6E+02 | -- | 1E-04 | -- |
| 24522 PANAMA AVE | TPH as Motor Oil | mg/kg | 157.7 | 95UCL | 1.6E+05 | -- | 1E-03 | -- |
| 24522 PANAMA AVE | Xylenes, Total | µg/kg | 6 | Max | 4.7E+05 | -- | 1E-05 | -- |
| 24522 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1084 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24522 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1300 | Max | 7.7E+04 | -- | 2E-02 | -- |
| 24522 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.445 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 9E-09 |
| 24522 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 5.669 | 95UCL | 1.1E+04 | -- | 5E-04 | -- |
| 24522 RAVENNA AVE | Benzene | µg/kg | 219.5 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-03 | 1E-06 |
| 24522 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24522 RAVENNA AVE | Ethylbenzene | µg/kg | 909.5 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24522 RAVENNA AVE | Naphthalene | mg/kg | 2.648 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 7E-07 |
| 24522 RAVENNA AVE | Pyrene | mg/kg | 0.32 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24522 RAVENNA AVE | Toluene | µg/kg | 7.339 | 95UCL | 1.6E+07 | -- | 5E-07 | -- |
| 24522 RAVENNA AVE | TPH as Diesel | mg/kg | 2802 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24522 RAVENNA AVE | TPH as Gasoline | mg/kg | 360.2 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 24522 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2677 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24522 RAVENNA AVE | Xylenes, Total | µg/kg | 208.9 | 95UCL | 4.7E+05 | -- | 4E-04 | -- |
| 24523 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.27 | Max | 7.5E+04 | -- | 4E-06 | -- |
| 24523 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0078 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-08 | 3E-11 |
| 24523 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0304 | 95UCL | 1.1E+04 | -- | 3E-06 | -- |
| 24523 MARBELLA AVE | Benzene | µg/kg | 0.238 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 24523 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.54 | Max | 6.3E+04 | 6.4E+03 | 9E-06 | 8E-10 |
| 24523 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.52 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 8E-07 |
| 24523 MARBELLA AVE | Cobalt | mg/kg | 10.91 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24523 MARBELLA AVE | Naphthalene | mg/kg | 0.0146 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-04 | 4E-09 |
| 24523 MARBELLA AVE | Pyrene | mg/kg | 0.293 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24523 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.926 | 95UCL | 8.6E+04 | 1.0E+04 | 1E-05 | 9E-10 |
| 24523 MARBELLA AVE | Toluene | µg/kg | 0.19 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24523 MARBELLA AVE | TPH as Diesel | mg/kg | 192 | 95UCL | 1.9E+03 | -- | 1E-01 | -- |
| 24523 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.092 | Max | 8.6E+02 | -- | 1E-04 | -- |
| 24523 MARBELLA AVE | TPH as Motor Oil | mg/kg | 408 | 95UCL | 1.6E+05 | -- | 3E-03 | -- |
| 24523 MARBELLA AVE | Xylenes, Total | µg/kg | 0.21 | Max | 4.7E+05 | -- | 5E-07 | -- |
| 24523 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 8593 | 95UCL | 7.5E+04 | -- | 1E-01 | -- |
| 24523 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 1463 | 95UCL | 7.7E+04 | -- | 2E-02 | -- |
| 24523 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 5.043 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24523 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 12.13 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24523 NEPTUNE AVE | Benzene | µg/kg | 3091 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-02 | 1E-05 |
| 24523 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.5 | Max | 6.3E+04 | 6.4E+03 | 8E-06 | 8E-10 |
| 24523 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24523 NEPTUNE AVE | Cobalt | mg/kg | 9.98 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24523 NEPTUNE AVE | Ethylbenzene | µg/kg | 2796 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-04 | 6E-07 |
| 24523 NEPTUNE AVE | Naphthalene | mg/kg | 5.235 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 1E-06 |
| 24523 NEPTUNE AVE | Pyrene | mg/kg | 1.198 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24523 NEPTUNE AVE | Toluene | µg/kg | 54.75 | 95UCL | 1.6E+07 | -- | 3E-06 | -- |
| 24523 NEPTUNE AVE | TPH as Diesel | mg/kg | 7201 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24523 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1039 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24523 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6934 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24523 NEPTUNE AVE | Xylenes, Total | µg/kg | 14929 | 95UCL | 4.7E+05 | -- | 3E-02 | -- |
| 24523 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 41.72 | 95UCL | 7.5E+04 | -- | 6E-04 | -- |
| 24523 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 31 | Max | 7.7E+04 | -- | 4E-04 | -- |
| 24523 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 1 | Max | 8.7E+06 | 2.8E+04 | 1E-07 | 4E-10 |
| 24523 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 3.761 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24523 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 9.301 | 95UCL | 1.1E+04 | -- | 8E-04 | -- |
| 24523 RAVENNA AVE | Benzene | µg/kg | 26.41 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-04 | 1E-07 |
| 24523 RAVENNA AVE | Bromomethane | µg/kg | 290 | Max | 7.8E+03 | -- | 4E-02 | -- |
| 24523 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.11 | Max | 3.2E+03 | 6.7E+00 | 4E-05 | 2E-07 |
| 24523 RAVENNA AVE | Ethylbenzene | µg/kg | 1031 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24523 RAVENNA AVE | Naphthalene | mg/kg | 3.806 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24523 RAVENNA AVE | Pyrene | mg/kg | 0.414 | 95UCL | 6.7E+04 | -- | 6E-06 | -- |
| 24523 RAVENNA AVE | Toluene | µg/kg | 7.922 | 95UCL | 1.6E+07 | -- | 5E-07 | -- |
| 24523 RAVENNA AVE | TPH as Diesel | mg/kg | 4204 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24523 RAVENNA AVE | TPH as Gasoline | mg/kg | 270.7 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24523 RAVENNA AVE | TPH as Motor Oil | mg/kg | 5356 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24523 RAVENNA AVE | Trichloroethene | µg/kg | 0.24 | Max | 5.5E+03 | 1.9E+04 | 4E-05 | 1E-10 |
| 24523 RAVENNA AVE | Xylenes, Total | µg/kg | 11.47 | 95UCL | 4.7E+05 | -- | 2E-05 | -- |
| 24526 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 10139 | 95UCL | 7.5E+04 | -- | 1E-01 | -- |
| 24526 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 3089 | 95UCL | 7.7E+04 | -- | 4E-02 | -- |
| 24526 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 13.68 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-05 | 5E-08 |
| 24526 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 20.74 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24526 MARBELLA AVE | Benzene | µg/kg | 6513 | 95UCL | 6.9E+04 | 2.2E+03 | 9E-02 | **3E-05** |
| 24526 MARBELLA AVE | Bromodichloromethane | µg/kg | 5.2 | Max | 4.9E+05 | 5.3E+03 | 1E-05 | 1E-08 |
| 24526 MARBELLA AVE | Bromomethane | µg/kg | 9.2 | Max | 7.8E+03 | -- | 1E-03 | -- |
| 24526 MARBELLA AVE | Cobalt | mg/kg | 11.22 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24526 MARBELLA AVE | Ethylbenzene | µg/kg | 7371 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-03 | 1E-06 |
| 24526 MARBELLA AVE | Naphthalene | mg/kg | 10.74 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-02 | 3E-06 |
| 24526 MARBELLA AVE | Pyrene | mg/kg | 0.653 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24526 MARBELLA AVE | Toluene | µg/kg | 102.8 | 95UCL | 1.6E+07 | -- | 6E-06 | -- |
| 24526 MARBELLA AVE | TPH as Diesel | mg/kg | 9703 | 95UCL | 1.9E+03 | -- | **5E+00** | -- |
| 24526 MARBELLA AVE | TPH as Gasoline | mg/kg | 1544 | 95UCL | 8.6E+02 | -- | **2E+00** | -- |
| 24526 MARBELLA AVE | TPH as Motor Oil | mg/kg | 9544 | 95UCL | 1.6E+05 | -- | 6E-02 | -- |
| 24526 MARBELLA AVE | Xylenes, Total | µg/kg | 13324 | 95UCL | 4.7E+05 | -- | 3E-02 | -- |
| 24528 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 8.967 | 95UCL | 7.5E+04 | -- | 1E-04 | -- |
| 24528 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 17 | Max | 7.7E+04 | -- | 2E-04 | -- |
| 24528 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.351 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-06 | 5E-09 |
| 24528 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.708 | 95UCL | 1.1E+04 | -- | 6E-05 | -- |
| 24528 NEPTUNE AVE | Benzene | µg/kg | 0.465 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-06 | 2E-09 |
| 24528 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.52 | 95UCL | 6.3E+04 | 6.4E+03 | 8E-06 | 8E-10 |
| 24528 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.25 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24528 NEPTUNE AVE | Ethylbenzene | µg/kg | 1300 | Max | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24528 NEPTUNE AVE | Naphthalene | mg/kg | 0.595 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-03 | 2E-07 |
| 24528 NEPTUNE AVE | Pyrene | mg/kg | 0.0561 | 95UCL | 6.7E+04 | -- | 8E-07 | -- |
| 24528 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.19 | Max | 8.6E+04 | 1.0E+04 | 2E-06 | 2E-10 |
| 24528 NEPTUNE AVE | Toluene | µg/kg | 24.6 | 95UCL | 1.6E+07 | -- | 2E-06 | -- |
| 24528 NEPTUNE AVE | TPH as Diesel | mg/kg | 880.5 | 95UCL | 1.9E+03 | -- | 5E-01 | -- |
| 24528 NEPTUNE AVE | TPH as Gasoline | mg/kg | 87.64 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24528 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 835.7 | 95UCL | 1.6E+05 | -- | 5E-03 | -- |
| 24528 NEPTUNE AVE | Trichloroethene | µg/kg | 720 | Max | 5.5E+03 | 1.9E+04 | 1E-01 | 4E-07 |
| 24528 NEPTUNE AVE | Xylenes, Total | µg/kg | 130 | Max | 4.7E+05 | -- | 3E-04 | -- |
| 24528 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0158 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-08 | 6E-11 |
| 24528 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0494 | 95UCL | 1.1E+04 | -- | 5E-06 | -- |
| 24528 PANAMA AVE | Benzene | µg/kg | 0.768 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-05 | 3E-09 |
| 24528 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.11 | Max | 6.3E+04 | 6.4E+03 | 2E-06 | 2E-10 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24528 PANAMA AVE | Ethylbenzene | µg/kg | 0.29 | Max | 4.5E+06 | 5.1E+04 | 6E-08 | 6E-11 |
| 24528 PANAMA AVE | Naphthalene | mg/kg | 0.0121 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-05 | 3E-09 |
| 24528 PANAMA AVE | Pyrene | mg/kg | 0.457 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24528 PANAMA AVE | Toluene | µg/kg | 0.844 | 95UCL | 1.6E+07 | -- | 5E-08 | -- |
| 24528 PANAMA AVE | TPH as Diesel | mg/kg | 246.4 | 95UCL | 1.9E+03 | -- | 1E-01 | -- |
| 24528 PANAMA AVE | TPH as Gasoline | mg/kg | 4.377 | 95UCL | 8.6E+02 | -- | 5E-03 | -- |
| 24528 PANAMA AVE | TPH as Motor Oil | mg/kg | 654.6 | 95UCL | 1.6E+05 | -- | 4E-03 | -- |
| 24528 PANAMA AVE | Xylenes, Total | µg/kg | 0.288 | 95UCL | 4.7E+05 | -- | 6E-07 | -- |
| 24529 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 5707 | 95UCL | 7.5E+04 | -- | 8E-02 | -- |
| 24529 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 1142 | 95UCL | 7.7E+04 | -- | 2E-02 | -- |
| 24529 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 6.467 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24529 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 17.27 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24529 NEPTUNE AVE | Benzene | µg/kg | 3154 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-02 | 1E-05 |
| 24529 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.28 | Max | 4.9E+05 | 5.3E+03 | 6E-07 | 5E-10 |
| 24529 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.42 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24529 NEPTUNE AVE | Ethylbenzene | µg/kg | 2323 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-04 | 5E-07 |
| 24529 NEPTUNE AVE | Naphthalene | mg/kg | 5.303 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 1E-06 |
| 24529 NEPTUNE AVE | Pyrene | mg/kg | 4.062 | 95UCL | 6.7E+04 | -- | 6E-05 | -- |
| 24529 NEPTUNE AVE | Toluene | µg/kg | 1353 | 95UCL | 1.6E+07 | -- | 8E-05 | -- |
| 24529 NEPTUNE AVE | TPH as Diesel | mg/kg | 5613 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24529 NEPTUNE AVE | TPH as Gasoline | mg/kg | 734.4 | 95UCL | 8.6E+02 | -- | 9E-01 | -- |
| 24529 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3944 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24529 NEPTUNE AVE | Xylenes, Total | µg/kg | 12666 | 95UCL | 4.7E+05 | -- | 3E-02 | -- |
| 24529 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.53 | Max | 7.5E+04 | -- | 7E-06 | -- |
| 24529 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0057 | Max | 1.9E+05 | 2.7E+03 | 3E-08 | 2E-11 |
| 24529 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.00768 | 95UCL | 1.1E+04 | -- | 7E-07 | -- |
| 24529 PANAMA AVE | Benzene | µg/kg | 0.556 | 95UCL | 6.9E+04 | 2.2E+03 | 8E-06 | 3E-09 |
| 24529 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.463 | 95UCL | 3.2E+03 | 6.7E+00 | 2E-04 | 7E-07 |
| 24529 PANAMA AVE | Ethylbenzene | µg/kg | 0.4 | Max | 4.5E+06 | 5.1E+04 | 9E-08 | 8E-11 |
| 24529 PANAMA AVE | Naphthalene | mg/kg | 0.00683 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-05 | 2E-09 |
| 24529 PANAMA AVE | Pyrene | mg/kg | 0.013 | 95UCL | 6.7E+04 | -- | 2E-07 | -- |
| 24529 PANAMA AVE | Toluene | µg/kg | 1.1 | Max | 1.6E+07 | -- | 7E-08 | -- |
| 24529 PANAMA AVE | TPH as Diesel | mg/kg | 83 | Max | 1.9E+03 | -- | 4E-02 | -- |
| 24529 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0744 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 24529 PANAMA AVE | TPH as Motor Oil | mg/kg | 51.07 | 95UCL | 1.6E+05 | -- | 3E-04 | -- |
| 24529 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 5600 | Max | 7.5E+04 | -- | 7E-02 | -- |
| 24529 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 680 | Max | 7.7E+04 | -- | 9E-03 | -- |
| 24529 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 6.945 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24529 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 10.7 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24529 RAVENNA AVE | Benzene | µg/kg | 61.87 | 95UCL | 6.9E+04 | 2.2E+03 | 9E-04 | 3E-07 |
| 24529 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 3E-10 |
| 24529 RAVENNA AVE | Bromodichloromethane | µg/kg | 1.2 | Max | 4.9E+05 | 5.3E+03 | 3E-06 | 2E-09 |
| 24529 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24529 RAVENNA AVE | Ethylbenzene | µg/kg | 1448 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24529 RAVENNA AVE | Naphthalene | mg/kg | 4.568 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24529 RAVENNA AVE | Pyrene | mg/kg | 0.216 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 24529 RAVENNA AVE | Toluene | µg/kg | 0.947 | 95UCL | 1.6E+07 | -- | 6E-08 | -- |
| 24529 RAVENNA AVE | TPH as Diesel | mg/kg | 4286 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24529 RAVENNA AVE | TPH as Gasoline | mg/kg | 400.8 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24529 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4630 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24529 RAVENNA AVE | Xylenes, Total | µg/kg | 580 | Max | 4.7E+05 | -- | 1E-03 | -- |
| 24532 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 6237 | 95UCL | 7.5E+04 | -- | 8E-02 | -- |
| 24532 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 841.5 | 95UCL | 7.7E+04 | -- | 1E-02 | -- |
| 24532 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 8.263 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24532 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 21.36 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24532 MARBELLA AVE | Benzene | µg/kg | 1325 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-02 | 6E-06 |
| 24532 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.79 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24532 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.16 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 2E-07 |
| 24532 MARBELLA AVE | Cobalt | mg/kg | 11.54 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24532 MARBELLA AVE | Ethylbenzene | µg/kg | 5317 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-03 | 1E-06 |
| 24532 MARBELLA AVE | Naphthalene | mg/kg | 11.64 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-02 | 3E-06 |
| 24532 MARBELLA AVE | Pyrene | mg/kg | 0.33 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24532 MARBELLA AVE | Toluene | µg/kg | 6.175 | 95UCL | 1.6E+07 | -- | 4E-07 | -- |
| 24532 MARBELLA AVE | TPH as Diesel | mg/kg | 11443 | 95UCL | 1.9E+03 | -- | **6E+00** | -- |
| 24532 MARBELLA AVE | TPH as Gasoline | mg/kg | 1038 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24532 MARBELLA AVE | TPH as Motor Oil | mg/kg | 10845 | 95UCL | 1.6E+05 | -- | 7E-02 | -- |
| 24532 MARBELLA AVE | Xylenes, Total | µg/kg | 2304 | 95UCL | 4.7E+05 | -- | 5E-03 | -- |
| 24532 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0017 | 95UCL | 1.1E+04 | -- | 2E-07 | -- |
| 24532 NEPTUNE AVE | Benzene | µg/kg | 0.458 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-06 | 2E-09 |
| 24532 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 7.5 | Max | 6.3E+04 | 6.4E+03 | 1E-04 | 1E-08 |
| 24532 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24532 NEPTUNE AVE | Ethylbenzene | µg/kg | 2.2 | Max | 4.5E+06 | 5.1E+04 | 5E-07 | 4E-10 |
| 24532 NEPTUNE AVE | Naphthalene | mg/kg | 0.00139 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-05 | 4E-10 |
| 24532 NEPTUNE AVE | Pyrene | mg/kg | 0.00892 | 95UCL | 6.7E+04 | -- | 1E-07 | -- |
| 24532 NEPTUNE AVE | Toluene | µg/kg | 0.405 | 95UCL | 1.6E+07 | -- | 3E-08 | -- |
| 24532 NEPTUNE AVE | TPH as Diesel | mg/kg | 15.95 | 95UCL | 1.9E+03 | -- | 8E-03 | -- |
| 24532 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.089 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24532 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 46.89 | 95UCL | 1.6E+05 | -- | 3E-04 | -- |
| 24532 NEPTUNE AVE | Xylenes, Total | µg/kg | 25 | Max | 4.7E+05 | -- | 5E-05 | -- |
| 24532 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 180 | Max | 2.0E+03 | 7.2E+03 | 9E-02 | 3E-07 |
| 24532 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.89 | Max | 7.5E+04 | -- | 1E-05 | -- |
| 24532 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.6 | Max | 7.7E+04 | -- | 2E-05 | -- |
| 24532 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0914 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-07 | 3E-10 |
| 24532 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.158 | 95UCL | 1.1E+04 | -- | 1E-05 | -- |
| 24532 PANAMA AVE | Benzene | µg/kg | 0.164 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 7E-10 |
| 24532 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24532 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24532 PANAMA AVE | Ethylbenzene | µg/kg | 16 | Max | 4.5E+06 | 5.1E+04 | 4E-06 | 3E-09 |
| 24532 PANAMA AVE | Naphthalene | mg/kg | 0.0711 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-04 | 2E-08 |
| 24532 PANAMA AVE | Pyrene | mg/kg | 1.055 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24532 PANAMA AVE | TPH as Diesel | mg/kg | 1473 | 95UCL | 1.9E+03 | -- | 8E-01 | -- |
| 24532 PANAMA AVE | TPH as Gasoline | mg/kg | 8.942 | 95UCL | 8.6E+02 | -- | 1E-02 | -- |
| 24532 PANAMA AVE | TPH as Motor Oil | mg/kg | 2589 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24532 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.33 | Max | 7.5E+04 | -- | 4E-06 | -- |
| 24532 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 24532 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0027 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-08 | 1E-11 |
| 24532 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00459 | 95UCL | 1.1E+04 | -- | 4E-07 | -- |
| 24532 RAVENNA AVE | Benzene | µg/kg | 0.708 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-05 | 3E-09 |
| 24532 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24532 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.326 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24532 RAVENNA AVE | Ethylbenzene | µg/kg | 0.284 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-08 | 6E-11 |
| 24532 RAVENNA AVE | Naphthalene | mg/kg | 0.00357 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-05 | 9E-10 |
| 24532 RAVENNA AVE | Pyrene | mg/kg | 0.00579 | 95UCL | 6.7E+04 | -- | 9E-08 | -- |
| 24532 RAVENNA AVE | Toluene | µg/kg | 0.279 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24532 RAVENNA AVE | TPH as Diesel | mg/kg | 47.41 | 95UCL | 1.9E+03 | -- | 3E-02 | -- |
| 24532 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.11 | Max | 8.6E+02 | -- | 1E-04 | -- |
| 24532 RAVENNA AVE | TPH as Motor Oil | mg/kg | 148.6 | 95UCL | 1.6E+05 | -- | 9E-04 | -- |
| 24532 RAVENNA AVE | Xylenes, Total | µg/kg | 0.41 | Max | 4.7E+05 | -- | 9E-07 | -- |
| 24533 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.77 | Max | 7.5E+04 | -- | 1E-05 | -- |
| 24533 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.11 | 95UCL | 7.7E+04 | -- | 1E-06 | -- |
| 24533 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00336 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-08 | 1E-11 |
| 24533 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00443 | 95UCL | 1.1E+04 | -- | 4E-07 | -- |
| 24533 MARBELLA AVE | Benzene | µg/kg | 2.467 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-05 | 1E-08 |
| 24533 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24533 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.29 | Max | 4.9E+05 | 5.3E+03 | 6E-07 | 6E-10 |
| 24533 MARBELLA AVE | Bromomethane | µg/kg | 1.821 | 95UCL | 7.8E+03 | -- | 2E-04 | -- |
| 24533 MARBELLA AVE | Cobalt | mg/kg | 11.22 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24533 MARBELLA AVE | Ethylbenzene | µg/kg | 0.36 | 95UCL | 4.5E+06 | 5.1E+04 | 8E-08 | 7E-11 |
| 24533 MARBELLA AVE | Naphthalene | mg/kg | 0.00388 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-05 | 1E-09 |
| 24533 MARBELLA AVE | Pyrene | mg/kg | 0.019 | 95UCL | 6.7E+04 | -- | 3E-07 | -- |
| 24533 MARBELLA AVE | Tetrachloroethene | µg/kg | 1.241 | 95UCL | 8.6E+04 | 1.0E+04 | 1E-05 | 1E-09 |
| 24533 MARBELLA AVE | Toluene | µg/kg | 8.704 | 95UCL | 1.6E+07 | -- | 5E-07 | -- |
| 24533 MARBELLA AVE | TPH as Diesel | mg/kg | 77.18 | 95UCL | 1.9E+03 | -- | 4E-02 | -- |
| 24533 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.179 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 24533 MARBELLA AVE | TPH as Motor Oil | mg/kg | 237.5 | 95UCL | 1.6E+05 | -- | 2E-03 | -- |
| 24533 MARBELLA AVE | Xylenes, Total | µg/kg | 5.978 | 95UCL | 4.7E+05 | -- | 1E-05 | -- |
| 24533 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.31 | Max | 7.5E+04 | -- | 4E-06 | -- |
| 24533 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00629 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-08 | 2E-11 |
| 24533 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0261 | 95UCL | 1.1E+04 | -- | 2E-06 | -- |
| 24533 PANAMA AVE | Benzene | µg/kg | 0.556 | 95UCL | 6.9E+04 | 2.2E+03 | 8E-06 | 3E-09 |
| 24533 PANAMA AVE | Bromomethane | µg/kg | 5 | Max | 7.8E+03 | -- | 6E-04 | -- |
| 24533 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.268 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24533 PANAMA AVE | Ethylbenzene | µg/kg | 0.24 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-08 | 5E-11 |
| 24533 PANAMA AVE | Naphthalene | mg/kg | 0.00973 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-05 | 3E-09 |
| 24533 PANAMA AVE | Pyrene | mg/kg | 0.355 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24533 PANAMA AVE | Toluene | µg/kg | 0.24 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24533 PANAMA AVE | TPH as Diesel | mg/kg | 615.9 | 95UCL | 1.9E+03 | -- | 3E-01 | -- |
| 24533 PANAMA AVE | TPH as Gasoline | mg/kg | 10.57 | 95UCL | 8.6E+02 | -- | 1E-02 | -- |
| 24533 PANAMA AVE | TPH as Motor Oil | mg/kg | 1072 | 95UCL | 1.6E+05 | -- | 7E-03 | -- |
| 24533 PANAMA AVE | Xylenes, Total | µg/kg | 0.4 | Max | 4.7E+05 | -- | 9E-07 | -- |
| 24533 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.379 | 95UCL | 7.5E+04 | -- | 5E-06 | -- |
| 24533 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0036 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-08 | 1E-11 |
| 24533 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00253 | 95UCL | 1.1E+04 | -- | 2E-07 | -- |
| 24533 RAVENNA AVE | Benzene | µg/kg | 0.293 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24533 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.45 | Max | 6.3E+04 | 6.4E+03 | 7E-06 | 7E-10 |
| 24533 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.25 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24533 RAVENNA AVE | Ethylbenzene | µg/kg | 0.86 | Max | 4.5E+06 | 5.1E+04 | 2E-07 | 2E-10 |
| 24533 RAVENNA AVE | Naphthalene | mg/kg | 0.00607 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-05 | 2E-09 |
| 24533 RAVENNA AVE | Pyrene | mg/kg | 0.029 | 95UCL | 6.7E+04 | -- | 4E-07 | -- |
| 24533 RAVENNA AVE | Toluene | µg/kg | 0.189 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24533 RAVENNA AVE | TPH as Diesel | mg/kg | 10.78 | 95UCL | 1.9E+03 | -- | 6E-03 | -- |
| 24533 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.16 | Max | 8.6E+02 | -- | 2E-04 | -- |
| 24533 RAVENNA AVE | TPH as Motor Oil | mg/kg | 12.92 | 95UCL | 1.6E+05 | -- | 8E-05 | -- |
| 24533 RAVENNA AVE | Xylenes, Total | µg/kg | 0.27 | Max | 4.7E+05 | -- | 6E-07 | -- |
| 24602 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 36 | Max | 7.5E+04 | -- | 5E-04 | -- |
| 24602 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 23.05 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-04 | 9E-08 |
| 24602 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 45.03 | 95UCL | 1.1E+04 | -- | 4E-03 | -- |
| 24602 MARBELLA AVE | Benzene | µg/kg | 6.138 | 95UCL | 6.9E+04 | 2.2E+03 | 9E-05 | 3E-08 |
| 24602 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.18 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24602 MARBELLA AVE | Bromomethane | µg/kg | 90 | Max | 7.8E+03 | -- | 1E-02 | -- |
| 24602 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.8 | Max | 3.2E+03 | 6.7E+00 | 3E-04 | 1E-06 |
| 24602 MARBELLA AVE | Cobalt | mg/kg | 10.42 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24602 MARBELLA AVE | Ethylbenzene | µg/kg | 422.9 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-05 | 8E-08 |
| 24602 MARBELLA AVE | Naphthalene | mg/kg | 8.34 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-02 | 2E-06 |
| 24602 MARBELLA AVE | Pyrene | mg/kg | 0.569 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24602 MARBELLA AVE | Tetrachloroethene | µg/kg | 2.6 | Max | 8.6E+04 | 1.0E+04 | 3E-05 | 3E-09 |
| 24602 MARBELLA AVE | Toluene | µg/kg | 1.718 | 95UCL | 1.6E+07 | -- | 1E-07 | -- |
| 24602 MARBELLA AVE | TPH as Diesel | mg/kg | 3527 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24602 MARBELLA AVE | TPH as Gasoline | mg/kg | 211 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24602 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3155 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24602 MARBELLA AVE | Vanadium | mg/kg | 40.83 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24602 MARBELLA AVE | Xylenes, Total | µg/kg | 190 | Max | 4.7E+05 | -- | 4E-04 | -- |
| 24602 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00151 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-09 | 6E-12 |
| 24602 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0032 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 24602 NEPTUNE AVE | Benzene | µg/kg | 0.243 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24602 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.252 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24602 NEPTUNE AVE | Naphthalene | mg/kg | 0.0022 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-05 | 6E-10 |
| 24602 NEPTUNE AVE | Pyrene | mg/kg | 0.00757 | 95UCL | 6.7E+04 | -- | 1E-07 | -- |
| 24602 NEPTUNE AVE | Toluene | µg/kg | 0.231 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24602 NEPTUNE AVE | TPH as Diesel | mg/kg | 43.88 | 95UCL | 1.9E+03 | -- | 2E-02 | -- |
| 24602 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.102 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24602 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 227.3 | 95UCL | 1.6E+05 | -- | 1E-03 | -- |
| 24602 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.35 | Max | 4.7E+05 | -- | 7E-07 | -- |
| 24602 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.741 | 95UCL | 7.5E+04 | -- | 1E-05 | -- |
| 24602 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.41 | 95UCL | 7.7E+04 | -- | 5E-06 | -- |
| 24602 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.36 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-06 | 1E-09 |
| 24602 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.414 | 95UCL | 1.1E+04 | -- | 4E-05 | -- |
| 24602 PANAMA AVE | Benzene | µg/kg | 0.281 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24602 PANAMA AVE | Bromomethane | µg/kg | 2.2 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24602 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.284 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24602 PANAMA AVE | Ethylbenzene | µg/kg | 0.198 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-08 | 4E-11 |
| 24602 PANAMA AVE | Naphthalene | mg/kg | 0.0921 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-04 | 2E-08 |
| 24602 PANAMA AVE | Pyrene | mg/kg | 1.112 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24602 PANAMA AVE | Toluene | µg/kg | 2.07 | 95UCL | 1.6E+07 | -- | 1E-07 | -- |
| 24602 PANAMA AVE | TPH as Diesel | mg/kg | 1853 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24602 PANAMA AVE | TPH as Gasoline | mg/kg | 0.251 | 95UCL | 8.6E+02 | -- | 3E-04 | -- |
| 24602 PANAMA AVE | TPH as Motor Oil | mg/kg | 2991 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24602 PANAMA AVE | Xylenes, Total | µg/kg | 0.327 | 95UCL | 4.7E+05 | -- | 7E-07 | -- |
| 24602 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.219 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24602 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00845 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-08 | 3E-11 |
| 24602 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0132 | 95UCL | 1.1E+04 | -- | 1E-06 | -- |
| 24602 RAVENNA AVE | Benzene | µg/kg | 0.203 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24602 RAVENNA AVE | Bromomethane | µg/kg | 3.236 | 95UCL | 7.8E+03 | -- | 4E-04 | -- |
| 24602 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24602 RAVENNA AVE | Naphthalene | mg/kg | 0.00575 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-05 | 2E-09 |
| 24602 RAVENNA AVE | Pyrene | mg/kg | 0.0541 | 95UCL | 6.7E+04 | -- | 8E-07 | -- |
| 24602 RAVENNA AVE | Toluene | µg/kg | 0.955 | 95UCL | 1.6E+07 | -- | 6E-08 | -- |
| 24602 RAVENNA AVE | TPH as Diesel | mg/kg | 96.67 | 95UCL | 1.9E+03 | -- | 5E-02 | -- |
| 24602 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0703 | 95UCL | 8.6E+02 | -- | 8E-05 | -- |
| 24602 RAVENNA AVE | TPH as Motor Oil | mg/kg | 303.8 | 95UCL | 1.6E+05 | -- | 2E-03 | -- |
| 24603 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 5.007 | 95UCL | 7.5E+04 | -- | 7E-05 | -- |
| 24603 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2.982 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24603 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 3.55 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 24603 MARBELLA AVE | Benzene | µg/kg | 0.368 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |
| 24603 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.63 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24603 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.219 | 95UCL | 3.2E+03 | 6.7E+00 | 7E-05 | 3E-07 |
| 24603 MARBELLA AVE | Cobalt | mg/kg | 11.51 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24603 MARBELLA AVE | Naphthalene | mg/kg | 0.775 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-03 | 2E-07 |
| 24603 MARBELLA AVE | Pyrene | mg/kg | 1.286 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24603 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.754 | 95UCL | 8.6E+04 | 1.0E+04 | 9E-06 | 8E-10 |
| 24603 MARBELLA AVE | Toluene | µg/kg | 0.273 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24603 MARBELLA AVE | TPH as Diesel | mg/kg | 2668 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24603 MARBELLA AVE | TPH as Gasoline | mg/kg | 12.61 | 95UCL | 8.6E+02 | -- | 2E-02 | -- |
| 24603 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4203 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24603 MARBELLA AVE | Trichloroethene | µg/kg | 2.4 | Max | 5.5E+03 | 1.9E+04 | 4E-04 | 1E-09 |
| 24603 MARBELLA AVE | Vanadium | mg/kg | 45.1 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24603 NEPTUNE AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 1.2 | Max | 8.3E+05 | 5.7E+03 | 1E-06 | 2E-09 |
| 24603 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 4174 | 95UCL | 7.5E+04 | -- | 6E-02 | -- |

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**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24603 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 959 | 95UCL | 7.7E+04 | -- | 1E-02 | -- |
| 24603 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.83 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-06 | 7E-09 |
| 24603 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 3.311 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 24603 NEPTUNE AVE | Benzene | µg/kg | 444.6 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-03 | 2E-06 |
| 24603 NEPTUNE AVE | Bromodichloromethane | µg/kg | 170 | Max | 4.9E+05 | 5.3E+03 | 4E-04 | 3E-07 |
| 24603 NEPTUNE AVE | Bromomethane | µg/kg | 2.1 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24603 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24603 NEPTUNE AVE | Ethylbenzene | µg/kg | 679.3 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 1E-07 |
| 24603 NEPTUNE AVE | Naphthalene | mg/kg | 1.507 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 4E-07 |
| 24603 NEPTUNE AVE | Pyrene | mg/kg | 0.0802 | 95UCL | 6.7E+04 | -- | 1E-06 | -- |
| 24603 NEPTUNE AVE | Toluene | µg/kg | 526.8 | 95UCL | 1.6E+07 | -- | 3E-05 | -- |
| 24603 NEPTUNE AVE | TPH as Diesel | mg/kg | 1339 | 95UCL | 1.9E+03 | -- | 7E-01 | -- |
| 24603 NEPTUNE AVE | TPH as Gasoline | mg/kg | 286.4 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24603 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 823.6 | 95UCL | 1.6E+05 | -- | 5E-03 | -- |
| 24603 NEPTUNE AVE | Xylenes, Total | µg/kg | 9094 | 95UCL | 4.7E+05 | -- | 2E-02 | -- |
| 24603 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1 | Max | 7.5E+04 | -- | 1E-05 | -- |
| 24603 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.114 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-07 | 4E-10 |
| 24603 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.104 | 95UCL | 1.1E+04 | -- | 9E-06 | -- |
| 24603 PANAMA AVE | Benzene | µg/kg | 0.72 | Max | 6.9E+04 | 2.2E+03 | 1E-05 | 3E-09 |
| 24603 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.324 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24603 PANAMA AVE | Naphthalene | mg/kg | 0.0228 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-04 | 6E-09 |
| 24603 PANAMA AVE | Pyrene | mg/kg | 1.028 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24603 PANAMA AVE | Toluene | µg/kg | 0.82 | Max | 1.6E+07 | -- | 5E-08 | -- |
| 24603 PANAMA AVE | TPH as Diesel | mg/kg | 863.6 | 95UCL | 1.9E+03 | -- | 5E-01 | -- |
| 24603 PANAMA AVE | TPH as Gasoline | mg/kg | 0.116 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24603 PANAMA AVE | TPH as Motor Oil | mg/kg | 1177 | 95UCL | 1.6E+05 | -- | 7E-03 | -- |
| 24603 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.203 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24603 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.091 | Max | 7.7E+04 | -- | 1E-06 | -- |
| 24603 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0539 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-07 | 2E-10 |
| 24603 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.215 | 95UCL | 1.1E+04 | -- | 2E-05 | -- |
| 24603 RAVENNA AVE | Benzene | µg/kg | 0.172 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24603 RAVENNA AVE | Bromomethane | µg/kg | 2.2 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24603 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.175 | 95UCL | 3.2E+03 | 6.7E+00 | 6E-05 | 3E-07 |
| 24603 RAVENNA AVE | Ethylbenzene | µg/kg | 0.37 | Max | 4.5E+06 | 5.1E+04 | 8E-08 | 7E-11 |
| 24603 RAVENNA AVE | Methylene Chloride | µg/kg | 360 | Max | 1.2E+06 | 5.9E+04 | 3E-04 | 6E-08 |
| 24603 RAVENNA AVE | Naphthalene | mg/kg | 0.108 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-04 | 3E-08 |
| 24603 RAVENNA AVE | Pyrene | mg/kg | 0.229 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 24603 RAVENNA AVE | Thallium | mg/kg | 2.573 | 95UCL | 7.7E+01 | -- | 3E-02 | -- |
| 24603 RAVENNA AVE | Toluene | µg/kg | 5.546 | 95UCL | 1.6E+07 | -- | 3E-07 | -- |
| 24603 RAVENNA AVE | TPH as Diesel | mg/kg | 964 | 95UCL | 1.9E+03 | -- | 5E-01 | -- |
| 24603 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0962 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24603 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2402 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24603 RAVENNA AVE | Xylenes, Total | µg/kg | 0.364 | 95UCL | 4.7E+05 | -- | 8E-07 | -- |
| 24606 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2428 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24606 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 420.6 | 95UCL | 7.7E+04 | -- | 5E-03 | -- |
| 24606 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.52 | Max | 8.7E+06 | 2.8E+04 | 6E-08 | 2E-10 |
| 24606 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 11.66 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-05 | 4E-08 |
| 24606 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 17.98 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24606 MARBELLA AVE | Benzene | µg/kg | 680.3 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-02 | 3E-06 |
| 24606 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.54 | Max | 6.3E+04 | 6.4E+03 | 9E-06 | 8E-10 |
| 24606 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.13 | Max | 4.9E+05 | 5.3E+03 | 3E-07 | 3E-10 |
| 24606 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.8 | Max | 3.2E+03 | 6.7E+00 | 3E-04 | 1E-06 |
| 24606 MARBELLA AVE | Cobalt | mg/kg | 9.92 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24606 MARBELLA AVE | Ethylbenzene | µg/kg | 1699 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-04 | 3E-07 |
| 24606 MARBELLA AVE | Naphthalene | mg/kg | 9.196 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-02 | 2E-06 |
| 24606 MARBELLA AVE | Pyrene | mg/kg | 1.195 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24606 MARBELLA AVE | Toluene | µg/kg | 94.6 | 95UCL | 1.6E+07 | -- | 6E-06 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24606 MARBELLA AVE | TPH as Diesel | mg/kg | 5815 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24606 MARBELLA AVE | TPH as Gasoline | mg/kg | 511 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24606 MARBELLA AVE | TPH as Motor Oil | mg/kg | 6216 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24606 MARBELLA AVE | Xylenes, Total | µg/kg | 1063 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24607 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.1 | Max | 7.5E+04 | -- | 1E-06 | -- |
| 24607 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.38 | Max | 7.7E+04 | -- | 5E-06 | -- |
| 24607 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00376 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-08 | 1E-11 |
| 24607 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00655 | 95UCL | 1.1E+04 | -- | 6E-07 | -- |
| 24607 MARBELLA AVE | Benzene | µg/kg | 0.317 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 1E-09 |
| 24607 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24607 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24607 MARBELLA AVE | Cobalt | mg/kg | 10.46 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24607 MARBELLA AVE | Naphthalene | mg/kg | 0.0046 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-05 | 1E-09 |
| 24607 MARBELLA AVE | Pyrene | mg/kg | 0.212 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 24607 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.64 | Max | 8.6E+04 | 1.0E+04 | 7E-06 | 6E-10 |
| 24607 MARBELLA AVE | Toluene | µg/kg | 0.315 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24607 MARBELLA AVE | TPH as Diesel | mg/kg | 90.6 | 95UCL | 1.9E+03 | -- | 5E-02 | -- |
| 24607 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.084 | Max | 8.6E+02 | -- | 1E-04 | -- |
| 24607 MARBELLA AVE | TPH as Motor Oil | mg/kg | 183 | 95UCL | 1.6E+05 | -- | 1E-03 | -- |
| 24607 MARBELLA AVE | Trichloroethene | µg/kg | 0.43 | Max | 5.5E+03 | 1.9E+04 | 8E-05 | 2E-10 |
| 24608 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 421.2 | 95UCL | 7.5E+04 | -- | 6E-03 | -- |
| 24608 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 111.4 | 95UCL | 7.7E+04 | -- | 1E-03 | -- |
| 24608 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.995 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24608 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 0.67 | Max | 6.3E+03 | 2.8E+02 | 1E-04 | 2E-08 |
| 24608 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 8.224 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 24608 NEPTUNE AVE | Benzene | µg/kg | 0.344 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |
| 24608 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 3.2 | 95UCL | 6.3E+04 | 6.4E+03 | 5E-05 | 5E-09 |
| 24608 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.84 | Max | 3.2E+03 | 6.7E+00 | 3E-04 | 1E-06 |
| 24608 NEPTUNE AVE | Ethylbenzene | µg/kg | 206.1 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-05 | 4E-08 |
| 24608 NEPTUNE AVE | Naphthalene | mg/kg | 5.581 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 1E-06 |
| 24608 NEPTUNE AVE | Pyrene | mg/kg | 0.0479 | 95UCL | 6.7E+04 | -- | 7E-07 | -- |
| 24608 NEPTUNE AVE | Toluene | µg/kg | 0.332 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24608 NEPTUNE AVE | TPH as Diesel | mg/kg | 4553 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24608 NEPTUNE AVE | TPH as Gasoline | mg/kg | 330.6 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 24608 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4186 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24608 NEPTUNE AVE | Xylenes, Total | µg/kg | 58.56 | 95UCL | 4.7E+05 | -- | 1E-04 | -- |
| 24608 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 120.8 | 95UCL | 7.5E+04 | -- | 2E-03 | -- |
| 24608 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 36.39 | 95UCL | 7.7E+04 | -- | 5E-04 | -- |
| 24608 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.527 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-06 | 2E-09 |
| 24608 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 1.6 | Max | 6.3E+03 | 2.8E+02 | 3E-04 | 6E-08 |
| 24608 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.915 | 95UCL | 1.1E+04 | -- | 8E-05 | -- |
| 24608 PANAMA AVE | Benzene | µg/kg | 3.36 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-05 | 2E-08 |
| 24608 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24608 PANAMA AVE | Ethylbenzene | µg/kg | 26.52 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-06 | 5E-09 |
| 24608 PANAMA AVE | Naphthalene | mg/kg | 0.378 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-03 | 1E-07 |
| 24608 PANAMA AVE | Pyrene | mg/kg | 3.182 | 95UCL | 6.7E+04 | -- | 5E-05 | -- |
| 24608 PANAMA AVE | Thallium | mg/kg | 2.123 | 95UCL | 7.7E+01 | -- | 3E-02 | -- |
| 24608 PANAMA AVE | Toluene | µg/kg | 17.86 | 95UCL | 1.6E+07 | -- | 1E-06 | -- |
| 24608 PANAMA AVE | TPH as Diesel | mg/kg | 9915 | 95UCL | 1.9E+03 | -- | **5E+00** | -- |
| 24608 PANAMA AVE | TPH as Gasoline | mg/kg | 0.506 | 95UCL | 8.6E+02 | -- | 6E-04 | -- |
| 24608 PANAMA AVE | TPH as Motor Oil | mg/kg | 17897 | 95UCL | 1.6E+05 | -- | 1E-01 | -- |
| 24608 PANAMA AVE | Xylenes, Total | µg/kg | 50.76 | 95UCL | 4.7E+05 | -- | 1E-04 | -- |
| 24608 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1379 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24608 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 164.5 | 95UCL | 7.7E+04 | -- | 2E-03 | -- |
| 24608 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 4.617 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24608 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 7.22 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 24608 RAVENNA AVE | Benzene | µg/kg | 35.79 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-04 | 2E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24608 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.27 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24608 RAVENNA AVE | Bromomethane | µg/kg | 2.7 | Max | 7.8E+03 | -- | 4E-04 | -- |
| 24608 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.289 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24608 RAVENNA AVE | Ethylbenzene | µg/kg | 261.4 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-05 | 5E-08 |
| 24608 RAVENNA AVE | Methylene Chloride | µg/kg | 2.9 | Max | 1.2E+06 | 5.9E+04 | 2E-06 | 5E-10 |
| 24608 RAVENNA AVE | Naphthalene | mg/kg | 2.048 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 5E-07 |
| 24608 RAVENNA AVE | Pyrene | mg/kg | 1.664 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24608 RAVENNA AVE | Toluene | µg/kg | 3.572 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 24608 RAVENNA AVE | TPH as Diesel | mg/kg | 3181 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24608 RAVENNA AVE | TPH as Gasoline | mg/kg | 138.7 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24608 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4248 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24608 RAVENNA AVE | Xylenes, Total | µg/kg | 626.2 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24609 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 8061 | 95UCL | 7.5E+04 | -- | 1E-01 | -- |
| 24609 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 2369 | 95UCL | 7.7E+04 | -- | 3E-02 | -- |
| 24609 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 13.44 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-05 | 5E-08 |
| 24609 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 29.89 | 95UCL | 1.1E+04 | -- | 3E-03 | -- |
| 24609 NEPTUNE AVE | Benzene | µg/kg | 1244 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-02 | 6E-06 |
| 24609 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 3.5 | Max | 6.3E+04 | 6.4E+03 | 6E-05 | 6E-09 |
| 24609 NEPTUNE AVE | Bromomethane | µg/kg | 310 | Max | 7.8E+03 | -- | 4E-02 | -- |
| 24609 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24609 NEPTUNE AVE | Ethylbenzene | µg/kg | 3195 | 95UCL | 4.5E+06 | 5.1E+04 | 7E-04 | 6E-07 |
| 24609 NEPTUNE AVE | Naphthalene | mg/kg | 10.67 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-02 | 3E-06 |
| 24609 NEPTUNE AVE | Pyrene | mg/kg | 4.114 | 95UCL | 6.7E+04 | -- | 6E-05 | -- |
| 24609 NEPTUNE AVE | Toluene | µg/kg | 872.8 | 95UCL | 1.6E+07 | -- | 5E-05 | -- |
| 24609 NEPTUNE AVE | TPH as Diesel | mg/kg | 13029 | 95UCL | 1.9E+03 | -- | **7E+00** | -- |
| 24609 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1010 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24609 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 11557 | 95UCL | 1.6E+05 | -- | 7E-02 | -- |
| 24609 NEPTUNE AVE | Xylenes, Total | µg/kg | 12604 | 95UCL | 4.7E+05 | -- | 3E-02 | -- |
| 24609 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 576.6 | 95UCL | 7.5E+04 | -- | 8E-03 | -- |
| 24609 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2.191 | 95UCL | 7.7E+04 | -- | 3E-05 | -- |
| 24609 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.442 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-06 | 5E-09 |
| 24609 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 3.878 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24609 PANAMA AVE | Benzene | µg/kg | 67.13 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 3E-07 |
| 24609 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24609 PANAMA AVE | Ethylbenzene | µg/kg | 159 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-05 | 3E-08 |
| 24609 PANAMA AVE | Naphthalene | mg/kg | 1.456 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 4E-07 |
| 24609 PANAMA AVE | Pyrene | mg/kg | 1.415 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24609 PANAMA AVE | Toluene | µg/kg | 0.455 | 95UCL | 1.6E+07 | -- | 3E-08 | -- |
| 24609 PANAMA AVE | TPH as Diesel | mg/kg | 2131 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24609 PANAMA AVE | TPH as Gasoline | mg/kg | 114.9 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24609 PANAMA AVE | TPH as Motor Oil | mg/kg | 3021 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24609 PANAMA AVE | Xylenes, Total | µg/kg | 42.68 | 95UCL | 4.7E+05 | -- | 9E-05 | -- |
| 24609 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.53 | Max | 7.5E+04 | -- | 7E-06 | -- |
| 24609 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.084 | Max | 7.7E+04 | -- | 1E-06 | -- |
| 24609 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.00245 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-08 | 9E-12 |
| 24609 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00351 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 24609 RAVENNA AVE | Benzene | µg/kg | 0.201 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24609 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24609 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24609 RAVENNA AVE | Naphthalene | mg/kg | 0.00271 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-05 | 7E-10 |
| 24609 RAVENNA AVE | Pyrene | mg/kg | 0.0178 | 95UCL | 6.7E+04 | -- | 3E-07 | -- |
| 24609 RAVENNA AVE | Toluene | µg/kg | 0.237 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24609 RAVENNA AVE | TPH as Diesel | mg/kg | 800 | Max | 1.9E+03 | -- | 4E-01 | -- |
| 24609 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.0672 | 95UCL | 8.6E+02 | -- | 8E-05 | -- |
| 24609 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2000 | Max | 1.6E+05 | -- | 1E-02 | -- |
| 24609 RAVENNA AVE | Xylenes, Total | µg/kg | 0.411 | 95UCL | 4.7E+05 | -- | 9E-07 | -- |
| 24612 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.36 | Max | 8.3E+05 | 5.7E+03 | 4E-07 | 6E-10 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24612 MARBELLA AVE | 1,2,3-Trichloropropane | µg/kg | 0.48 | Max | 2.0E+03 | 7.2E+03 | 3E-04 | 7E-10 |
| 24612 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3094 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24612 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 313.2 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24612 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 10.23 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-05 | 4E-08 |
| 24612 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 15.37 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24612 MARBELLA AVE | Benzene | µg/kg | 918.5 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-02 | 4E-06 |
| 24612 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.617 | 95UCL | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24612 MARBELLA AVE | Bromomethane | µg/kg | 510 | Max | 7.8E+03 | -- | 7E-02 | -- |
| 24612 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24612 MARBELLA AVE | Cobalt | mg/kg | 10.77 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 1E-06 |
| 24612 MARBELLA AVE | Ethylbenzene | µg/kg | 2200 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-04 | 4E-07 |
| 24612 MARBELLA AVE | Naphthalene | mg/kg | 6.526 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24612 MARBELLA AVE | Pyrene | mg/kg | 2.292 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24612 MARBELLA AVE | Toluene | µg/kg | 7.089 | 95UCL | 1.6E+07 | -- | 4E-07 | -- |
| 24612 MARBELLA AVE | TPH as Diesel | mg/kg | 7375 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24612 MARBELLA AVE | TPH as Gasoline | mg/kg | 612.3 | 95UCL | 8.6E+02 | -- | 7E-01 | -- |
| 24612 MARBELLA AVE | TPH as Motor Oil | mg/kg | 7147 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24612 MARBELLA AVE | Xylenes, Total | µg/kg | 943.7 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24612 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 2445 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24612 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 583.9 | 95UCL | 7.7E+04 | -- | 8E-03 | -- |
| 24612 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 14.31 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-05 | 5E-08 |
| 24612 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 20.15 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24612 NEPTUNE AVE | Benzene | µg/kg | 416 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-03 | 2E-06 |
| 24612 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 0.715 | 95UCL | -- | 2.6E+02 | -- | 3E-08 |
| 24612 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.239 | 95UCL | -- | 2.6E+01 | -- | 9E-08 |
| 24612 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.0477 | 95UCL | -- | 2.6E+02 | -- | 2E-09 |
| 24612 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.00849 | 95UCL | -- | 2.6E+02 | -- | 3E-10 |
| 24612 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.23 | Max | 3.2E+03 | 6.7E+00 | 7E-05 | 3E-07 |
| 24612 NEPTUNE AVE | Chrysene | mg/kg | 1.358 | 95UCL | -- | 2.6E+03 | -- | 5E-09 |
| 24612 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.004 | Max | -- | 1.9E+01 | -- | 2E-09 |
| 24612 NEPTUNE AVE | Ethylbenzene | µg/kg | 3231 | 95UCL | 4.5E+06 | 5.1E+04 | 7E-04 | 6E-07 |
| 24612 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.00565 | 95UCL | -- | 2.6E+02 | -- | 2E-10 |
| 24612 NEPTUNE AVE | Naphthalene | mg/kg | 8.47 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-02 | 2E-06 |
| 24612 NEPTUNE AVE | Pyrene | mg/kg | 3.863 | 95UCL | 6.7E+04 | -- | 6E-05 | -- |
| 24612 NEPTUNE AVE | Toluene | µg/kg | 46.16 | 95UCL | 1.6E+07 | -- | 3E-06 | -- |
| 24612 NEPTUNE AVE | TPH as Diesel | mg/kg | 8815 | 95UCL | 1.9E+03 | -- | **5E+00** | -- |
| 24612 NEPTUNE AVE | TPH as Gasoline | mg/kg | 731.8 | 95UCL | 8.6E+02 | -- | 9E-01 | -- |
| 24612 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 10300 | 95UCL | 1.6E+05 | -- | 6E-02 | -- |
| 24612 NEPTUNE AVE | Xylenes, Total | µg/kg | 1051 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24612 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 28.12 | 95UCL | 7.5E+04 | -- | 4E-04 | -- |
| 24612 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 9.327 | 95UCL | 7.7E+04 | -- | 1E-04 | -- |
| 24612 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 2.059 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 8E-09 |
| 24612 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 4.509 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24612 PANAMA AVE | Benzene | µg/kg | 4.887 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-05 | 2E-08 |
| 24612 PANAMA AVE | Ethylbenzene | µg/kg | 251.7 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-05 | 5E-08 |
| 24612 PANAMA AVE | Naphthalene | mg/kg | 1.321 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-03 | 3E-07 |
| 24612 PANAMA AVE | Pyrene | mg/kg | 3.554 | 95UCL | 6.7E+04 | -- | 5E-05 | -- |
| 24612 PANAMA AVE | Toluene | µg/kg | 0.878 | 95UCL | 1.6E+07 | -- | 5E-08 | -- |
| 24612 PANAMA AVE | TPH as Diesel | mg/kg | 1219 | 95UCL | 1.9E+03 | -- | 6E-01 | -- |
| 24612 PANAMA AVE | TPH as Gasoline | mg/kg | 97.52 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24612 PANAMA AVE | TPH as Motor Oil | mg/kg | 1788 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24612 PANAMA AVE | Xylenes, Total | µg/kg | 15.45 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 24612 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 29.27 | 95UCL | 7.5E+04 | -- | 4E-04 | -- |
| 24612 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 7.661 | 95UCL | 7.7E+04 | -- | 1E-04 | -- |
| 24612 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.13 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 5E-11 |
| 24612 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.671 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-06 | 3E-09 |
| 24612 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.858 | 95UCL | 1.1E+04 | -- | 8E-05 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24612 RAVENNA AVE | Benzene | µg/kg | 2.513 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-05 | 1E-08 |
| 24612 RAVENNA AVE | Bromomethane | µg/kg | 2 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24612 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.27 | Max | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24612 RAVENNA AVE | Ethylbenzene | µg/kg | 21.52 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-06 | 4E-09 |
| 24612 RAVENNA AVE | Methylene Chloride | µg/kg | 6.2 | Max | 1.2E+06 | 5.9E+04 | 5E-06 | 1E-09 |
| 24612 RAVENNA AVE | Naphthalene | mg/kg | 0.139 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-03 | 4E-08 |
| 24612 RAVENNA AVE | Pyrene | mg/kg | 0.392 | 95UCL | 6.7E+04 | -- | 6E-06 | -- |
| 24612 RAVENNA AVE | Toluene | µg/kg | 0.388 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24612 RAVENNA AVE | TPH as Diesel | mg/kg | 2302 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24612 RAVENNA AVE | TPH as Gasoline | mg/kg | 14 | 95UCL | 8.6E+02 | -- | 2E-02 | -- |
| 24612 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6250 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24612 RAVENNA AVE | Xylenes, Total | µg/kg | 12.73 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 24613 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2.1 | Max | 7.5E+04 | -- | 3E-05 | -- |
| 24613 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.51 | Max | 7.7E+04 | -- | 7E-06 | -- |
| 24613 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.009 | Max | 1.9E+05 | 2.7E+03 | 5E-08 | 3E-11 |
| 24613 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0018 | 95UCL | 1.1E+04 | -- | 2E-07 | -- |
| 24613 MARBELLA AVE | Benzene | µg/kg | 0.849 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-05 | 4E-09 |
| 24613 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.48 | Max | 6.3E+04 | 6.4E+03 | 8E-06 | 8E-10 |
| 24613 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24613 MARBELLA AVE | Cobalt | mg/kg | 12.38 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24613 MARBELLA AVE | Ethylbenzene | µg/kg | 0.99 | Max | 4.5E+06 | 5.1E+04 | 2E-07 | 2E-10 |
| 24613 MARBELLA AVE | Naphthalene | mg/kg | 0.00121 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-06 | 3E-10 |
| 24613 MARBELLA AVE | Pyrene | mg/kg | 0.0238 | 95UCL | 6.7E+04 | -- | 4E-07 | -- |
| 24613 MARBELLA AVE | Toluene | µg/kg | 0.536 | 95UCL | 1.6E+07 | -- | 3E-08 | -- |
| 24613 MARBELLA AVE | TPH as Diesel | mg/kg | 27.71 | 95UCL | 1.9E+03 | -- | 2E-02 | -- |
| 24613 MARBELLA AVE | TPH as Gasoline | mg/kg | 1.547 | 95UCL | 8.6E+02 | -- | 2E-03 | -- |
| 24613 MARBELLA AVE | TPH as Motor Oil | mg/kg | 68.17 | 95UCL | 1.6E+05 | -- | 4E-04 | -- |
| 24613 MARBELLA AVE | Vanadium | mg/kg | 43.91 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24613 MARBELLA AVE | Xylenes, Total | µg/kg | 6.3 | Max | 4.7E+05 | -- | 1E-05 | -- |
| 24613 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 3222 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24613 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 678.9 | 95UCL | 7.7E+04 | -- | 9E-03 | -- |
| 24613 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 21.12 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-04 | 8E-08 |
| 24613 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 33.31 | 95UCL | 1.1E+04 | -- | 3E-03 | -- |
| 24613 NEPTUNE AVE | Benzene | µg/kg | 1141 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-02 | 5E-06 |
| 24613 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.75 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24613 NEPTUNE AVE | Bromomethane | µg/kg | 320 | Max | 7.8E+03 | -- | 4E-02 | -- |
| 24613 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 2.8 | Max | 3.2E+03 | 6.7E+00 | 9E-04 | 4E-06 |
| 24613 NEPTUNE AVE | Ethylbenzene | µg/kg | 1644 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-04 | 3E-07 |
| 24613 NEPTUNE AVE | Naphthalene | mg/kg | 11.35 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-02 | 3E-06 |
| 24613 NEPTUNE AVE | Pyrene | mg/kg | 7.22 | 95UCL | 6.7E+04 | -- | 1E-04 | -- |
| 24613 NEPTUNE AVE | Toluene | µg/kg | 49 | 95UCL | 1.6E+07 | -- | 3E-06 | -- |
| 24613 NEPTUNE AVE | TPH as Diesel | mg/kg | 7819 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24613 NEPTUNE AVE | TPH as Gasoline | mg/kg | 596 | 95UCL | 8.6E+02 | -- | 7E-01 | -- |
| 24613 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7859 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24613 NEPTUNE AVE | Xylenes, Total | µg/kg | 2057 | 95UCL | 4.7E+05 | -- | 4E-03 | -- |
| 24613 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 7.2 | Max | 2.0E+03 | 7.2E+03 | 4E-03 | 1E-08 |
| 24613 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 734.3 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24613 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 106.9 | 95UCL | 7.7E+04 | -- | 1E-03 | -- |
| 24613 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 24613 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.784 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-06 | 7E-09 |
| 24613 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 3.636 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 24613 PANAMA AVE | Benzene | µg/kg | 66.51 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 3E-07 |
| 24613 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.36 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24613 PANAMA AVE | Bromomethane | µg/kg | 3.1 | Max | 7.8E+03 | -- | 4E-04 | -- |
| 24613 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24613 PANAMA AVE | Ethylbenzene | µg/kg | 218 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-05 | 4E-08 |
| 24613 PANAMA AVE | Naphthalene | mg/kg | 1.278 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-03 | 3E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24613 PANAMA AVE | Pyrene | mg/kg | 7.063 | 95UCL | 6.7E+04 | -- | 1E-04 | -- |
| 24613 PANAMA AVE | Toluene | µg/kg | 13.48 | 95UCL | 1.6E+07 | -- | 8E-07 | -- |
| 24613 PANAMA AVE | TPH as Diesel | mg/kg | 5447 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24613 PANAMA AVE | TPH as Gasoline | mg/kg | 72.51 | 95UCL | 8.6E+02 | -- | 8E-02 | -- |
| 24613 PANAMA AVE | TPH as Motor Oil | mg/kg | 9469 | 95UCL | 1.6E+05 | -- | 6E-02 | -- |
| 24613 PANAMA AVE | Trichloroethene | µg/kg | 0.15 | Max | 5.5E+03 | 1.9E+04 | 3E-05 | 8E-11 |
| 24613 PANAMA AVE | Vinyl Chloride | µg/kg | 0.23 | Max | 8.7E+04 | 3.1E+02 | 3E-06 | 7E-09 |
| 24613 PANAMA AVE | Xylenes, Total | µg/kg | 442.8 | 95UCL | 4.7E+05 | -- | 9E-04 | -- |
| 24613 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3636 | 95UCL | 7.5E+04 | -- | 5E-02 | -- |
| 24613 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 724.1 | 95UCL | 7.7E+04 | -- | 9E-03 | -- |
| 24613 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 2.888 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24613 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 7.468 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 24613 RAVENNA AVE | Benzene | µg/kg | 9.217 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-04 | 4E-08 |
| 24613 RAVENNA AVE | Bromomethane | µg/kg | 1.5 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24613 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.155 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 2E-07 |
| 24613 RAVENNA AVE | Ethylbenzene | µg/kg | 228.5 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-05 | 5E-08 |
| 24613 RAVENNA AVE | Naphthalene | mg/kg | 3.611 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 9E-07 |
| 24613 RAVENNA AVE | Pyrene | mg/kg | 0.237 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24613 RAVENNA AVE | Toluene | µg/kg | 14.34 | 95UCL | 1.6E+07 | -- | 9E-07 | -- |
| 24613 RAVENNA AVE | TPH as Diesel | mg/kg | 2388 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24613 RAVENNA AVE | TPH as Gasoline | mg/kg | 252.4 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24613 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1492 | 95UCL | 1.6E+05 | -- | 9E-03 | -- |
| 24613 RAVENNA AVE | Xylenes, Total | µg/kg | 1701 | 95UCL | 4.7E+05 | -- | 4E-03 | -- |
| 24616 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 11357 | 95UCL | 7.5E+04 | -- | 2E-01 | -- |
| 24616 MARBELLA AVE | 1,2-Dichloropropane | µg/kg | 0.31 | Max | 1.2E+04 | 8.5E+03 | 3E-05 | 4E-10 |
| 24616 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1551 | 95UCL | 7.7E+04 | -- | 2E-02 | -- |
| 24616 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.186 | 95UCL | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 24616 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 37.75 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-04 | 1E-07 |
| 24616 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 55.46 | 95UCL | 1.1E+04 | -- | 5E-03 | -- |
| 24616 MARBELLA AVE | Benzene | µg/kg | 2494 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-02 | 1E-05 |
| 24616 MARBELLA AVE | Benzo (a) Anthracene | mg/kg | 1.232 | 95UCL | -- | 2.6E+02 | -- | 5E-08 |
| 24616 MARBELLA AVE | Benzo (a) Pyrene | mg/kg | 0.66 | 95UCL | -- | 2.6E+01 | -- | 3E-07 |
| 24616 MARBELLA AVE | Benzo (b) Fluoranthene | mg/kg | 0.0793 | 95UCL | -- | 2.6E+02 | -- | 3E-09 |
| 24616 MARBELLA AVE | Benzo (k) Fluoranthene | mg/kg | 0.0241 | 95UCL | -- | 2.6E+02 | -- | 9E-10 |
| 24616 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24616 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.88 | Max | 3.2E+03 | 6.7E+00 | 3E-04 | 1E-06 |
| 24616 MARBELLA AVE | Chrysene | mg/kg | 2.64 | 95UCL | -- | 2.6E+03 | -- | 1E-08 |
| 24616 MARBELLA AVE | Cobalt | mg/kg | 9.121 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24616 MARBELLA AVE | Dibenz (a,h) Anthracene | mg/kg | 0.0131 | 95UCL | -- | 1.9E+01 | -- | 7E-09 |
| 24616 MARBELLA AVE | Ethylbenzene | µg/kg | 2972 | 95UCL | 4.5E+06 | 5.1E+04 | 7E-04 | 6E-07 |
| 24616 MARBELLA AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0243 | 95UCL | -- | 2.6E+02 | -- | 9E-10 |
| 24616 MARBELLA AVE | Naphthalene | mg/kg | 20.74 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-01 | 5E-06 |
| 24616 MARBELLA AVE | Pyrene | mg/kg | 6.406 | 95UCL | 6.7E+04 | -- | 1E-04 | -- |
| 24616 MARBELLA AVE | Toluene | µg/kg | 154.3 | 95UCL | 1.6E+07 | -- | 9E-06 | -- |
| 24616 MARBELLA AVE | TPH as Diesel | mg/kg | 16937 | 95UCL | 1.9E+03 | -- | **9E+00** | -- |
| 24616 MARBELLA AVE | TPH as Gasoline | mg/kg | 1212 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24616 MARBELLA AVE | TPH as Motor Oil | mg/kg | 16975 | 95UCL | 1.6E+05 | -- | 1E-01 | -- |
| 24616 MARBELLA AVE | Trichloroethene | µg/kg | 29 | Max | 5.5E+03 | 1.9E+04 | 5E-03 | 2E-08 |
| 24616 MARBELLA AVE | Vinyl Chloride | µg/kg | 49 | Max | 8.7E+04 | 3.1E+02 | 6E-04 | 2E-06 |
| 24616 MARBELLA AVE | Xylenes, Total | µg/kg | 5109 | 95UCL | 4.7E+05 | -- | 1E-02 | -- |
| 24617 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0019 | Max | 1.9E+05 | 2.7E+03 | 1E-08 | 7E-12 |
| 24617 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00158 | 95UCL | 1.1E+04 | -- | 1E-07 | -- |
| 24617 MARBELLA AVE | Benzene | µg/kg | 0.289 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24617 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24617 MARBELLA AVE | Cobalt | mg/kg | 12.95 | 95UCL | 2.0E+02 | 1.1E+02 | 7E-02 | 1E-06 |
| 24617 MARBELLA AVE | Naphthalene | mg/kg | 0.0015 | Max | 1.4E+02 | 3.9E+01 | 1E-05 | 4E-10 |
| 24617 MARBELLA AVE | Pyrene | mg/kg | 0.00349 | 95UCL | 6.7E+04 | -- | 5E-08 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24617 MARBELLA AVE | Thallium | mg/kg | 0.604 | 95UCL | 7.7E+01 | -- | 8E-03 | -- |
| 24617 MARBELLA AVE | Toluene | µg/kg | 0.319 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24617 MARBELLA AVE | TPH as Diesel | mg/kg | 13.2 | 95UCL | 1.9E+03 | -- | 7E-03 | -- |
| 24617 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.051 | Max | 8.6E+02 | -- | 6E-05 | -- |
| 24617 MARBELLA AVE | TPH as Motor Oil | mg/kg | 56.1 | 95UCL | 1.6E+05 | -- | 4E-04 | -- |
| 24617 MARBELLA AVE | Vanadium | mg/kg | 48.21 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24617 MARBELLA AVE | Xylenes, Total | µg/kg | 0.77 | Max | 4.7E+05 | -- | 2E-06 | -- |
| 24618 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 966.3 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24618 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 37.07 | 95UCL | 7.7E+04 | -- | 5E-04 | -- |
| 24618 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 16.45 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-05 | 6E-08 |
| 24618 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 24.36 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24618 NEPTUNE AVE | Benzene | µg/kg | 192.5 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-03 | 9E-07 |
| 24618 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24618 NEPTUNE AVE | Bromomethane | µg/kg | 1.9 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24618 NEPTUNE AVE | Ethylbenzene | µg/kg | 424 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-05 | 8E-08 |
| 24618 NEPTUNE AVE | Naphthalene | mg/kg | 8.077 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-02 | 2E-06 |
| 24618 NEPTUNE AVE | Pyrene | mg/kg | 1.625 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24618 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.2 | Max | 8.6E+04 | 1.0E+04 | 2E-06 | 2E-10 |
| 24618 NEPTUNE AVE | Toluene | µg/kg | 1.706 | 95UCL | 1.6E+07 | -- | 1E-07 | -- |
| 24618 NEPTUNE AVE | TPH as Diesel | mg/kg | 5404 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24618 NEPTUNE AVE | TPH as Gasoline | mg/kg | 118.8 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24618 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 4956 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24618 NEPTUNE AVE | Xylenes, Total | µg/kg | 961.6 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24618 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 189.9 | 95UCL | 7.5E+04 | -- | 3E-03 | -- |
| 24618 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 28.98 | 95UCL | 7.7E+04 | -- | 4E-04 | -- |
| 24618 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.188 | 95UCL | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 24618 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.73 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-06 | 7E-09 |
| 24618 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 3.77 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 24618 PANAMA AVE | Benzene | µg/kg | 0.435 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-06 | 2E-09 |
| 24618 PANAMA AVE | Bromomethane | µg/kg | 170 | Max | 7.8E+03 | -- | 2E-02 | -- |
| 24618 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24618 PANAMA AVE | Ethylbenzene | µg/kg | 24.31 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-06 | 5E-09 |
| 24618 PANAMA AVE | Naphthalene | mg/kg | 0.922 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-03 | 2E-07 |
| 24618 PANAMA AVE | Pyrene | mg/kg | 2.05 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24618 PANAMA AVE | Toluene | µg/kg | 6.61 | 95UCL | 1.6E+07 | -- | 4E-07 | -- |
| 24618 PANAMA AVE | TPH as Diesel | mg/kg | 3224 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24618 PANAMA AVE | TPH as Gasoline | mg/kg | 59.32 | 95UCL | 8.6E+02 | -- | 7E-02 | -- |
| 24618 PANAMA AVE | TPH as Motor Oil | mg/kg | 4803 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24618 PANAMA AVE | Trichloroethene | µg/kg | 0.42 | Max | 5.5E+03 | 1.9E+04 | 8E-05 | 2E-10 |
| 24618 PANAMA AVE | Xylenes, Total | µg/kg | 47.96 | 95UCL | 4.7E+05 | -- | 1E-04 | -- |
| 24618 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 290 | Max | 7.5E+04 | -- | 4E-03 | -- |
| 24618 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 84 | Max | 7.7E+04 | -- | 1E-03 | -- |
| 24618 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.663 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-06 | 6E-09 |
| 24618 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.358 | 95UCL | 1.1E+04 | -- | 1E-04 | -- |
| 24618 RAVENNA AVE | Benzene | µg/kg | 0.222 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 24618 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 7E-07 |
| 24618 RAVENNA AVE | Naphthalene | mg/kg | 0.3 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-03 | 8E-08 |
| 24618 RAVENNA AVE | Pyrene | mg/kg | 0.289 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24618 RAVENNA AVE | Toluene | µg/kg | 0.296 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24618 RAVENNA AVE | TPH as Diesel | mg/kg | 724.8 | 95UCL | 1.9E+03 | -- | 4E-01 | -- |
| 24618 RAVENNA AVE | TPH as Gasoline | mg/kg | 11.4 | 95UCL | 8.6E+02 | -- | 1E-02 | -- |
| 24618 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1070 | 95UCL | 1.6E+05 | -- | 7E-03 | -- |
| 24618 RAVENNA AVE | Xylenes, Total | µg/kg | 18 | Max | 4.7E+05 | -- | 4E-05 | -- |
| 24619 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1893 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24619 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 341.3 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24619 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.14 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 5E-11 |
| 24619 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 18.75 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-04 | 7E-08 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24619 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 27.07 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24619 NEPTUNE AVE | Benzene | µg/kg | 629.2 | 95UCL | 6.9E+04 | 2.2E+03 | 9E-03 | 3E-06 |
| 24619 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.897 | 95UCL | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24619 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.8 | Max | 3.2E+03 | 6.7E+00 | 3E-04 | 1E-06 |
| 24619 NEPTUNE AVE | Ethylbenzene | µg/kg | 889.5 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24619 NEPTUNE AVE | Naphthalene | mg/kg | 10.26 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-02 | 3E-06 |
| 24619 NEPTUNE AVE | Pyrene | mg/kg | 2.792 | 95UCL | 6.7E+04 | -- | 4E-05 | -- |
| 24619 NEPTUNE AVE | Toluene | µg/kg | 31.67 | 95UCL | 1.6E+07 | -- | 2E-06 | -- |
| 24619 NEPTUNE AVE | TPH as Diesel | mg/kg | 9889 | 95UCL | 1.9E+03 | -- | **5E+00** | -- |
| 24619 NEPTUNE AVE | TPH as Gasoline | mg/kg | 444.6 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24619 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7534 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24619 NEPTUNE AVE | Xylenes, Total | µg/kg | 773.6 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24619 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2132 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24619 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 291.7 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24619 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 5.239 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24619 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 8.029 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 24619 PANAMA AVE | Benzene | µg/kg | 270.8 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-03 | 1E-06 |
| 24619 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.65 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24619 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.23 | Max | 3.2E+03 | 6.7E+00 | 7E-05 | 3E-07 |
| 24619 PANAMA AVE | Ethylbenzene | µg/kg | 753.2 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24619 PANAMA AVE | Naphthalene | mg/kg | 3.273 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 8E-07 |
| 24619 PANAMA AVE | Pyrene | mg/kg | 1.006 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24619 PANAMA AVE | Toluene | µg/kg | 0.243 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24619 PANAMA AVE | TPH as Diesel | mg/kg | 3017 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24619 PANAMA AVE | TPH as Gasoline | mg/kg | 251.2 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24619 PANAMA AVE | TPH as Motor Oil | mg/kg | 3418 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24619 PANAMA AVE | Xylenes, Total | µg/kg | 1061 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24619 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1334 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24619 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2400 | Max | 7.7E+04 | -- | 3E-02 | -- |
| 24619 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 9.012 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-05 | 3E-08 |
| 24619 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 12.91 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24619 RAVENNA AVE | Benzene | µg/kg | 284.8 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-03 | 1E-06 |
| 24619 RAVENNA AVE | Bromomethane | µg/kg | 1.7 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24619 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.273 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24619 RAVENNA AVE | Ethylbenzene | µg/kg | 557.2 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24619 RAVENNA AVE | Naphthalene | mg/kg | 3.428 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 9E-07 |
| 24619 RAVENNA AVE | Pyrene | mg/kg | 2.837 | 95UCL | 6.7E+04 | -- | 4E-05 | -- |
| 24619 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.97 | Max | 8.6E+04 | 1.0E+04 | 1E-05 | 1E-09 |
| 24619 RAVENNA AVE | Toluene | µg/kg | 233 | 95UCL | 1.6E+07 | -- | 1E-05 | -- |
| 24619 RAVENNA AVE | TPH as Diesel | mg/kg | 3874 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24619 RAVENNA AVE | TPH as Gasoline | mg/kg | 229 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24619 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4092 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24619 RAVENNA AVE | Xylenes, Total | µg/kg | 1328 | 95UCL | 4.7E+05 | -- | 3E-03 | -- |
| 24622 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3135 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24622 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 421.1 | 95UCL | 7.7E+04 | -- | 5E-03 | -- |
| 24622 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.46 | Max | 8.7E+06 | 2.8E+04 | 5E-08 | 2E-10 |
| 24622 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 19.27 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-04 | 7E-08 |
| 24622 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 46.57 | 95UCL | 1.1E+04 | -- | 4E-03 | -- |
| 24622 MARBELLA AVE | Benzene | µg/kg | 280.8 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-03 | 1E-06 |
| 24622 MARBELLA AVE | Benzo (a) Anthracene | mg/kg | 1.566 | 95UCL | -- | 2.6E+02 | -- | 6E-08 |
| 24622 MARBELLA AVE | Benzo (a) Pyrene | mg/kg | 0.766 | 95UCL | -- | 2.6E+01 | -- | 3E-07 |
| 24622 MARBELLA AVE | Benzo (b) Fluoranthene | mg/kg | 0.227 | 95UCL | -- | 2.6E+02 | -- | 9E-09 |
| 24622 MARBELLA AVE | Benzo (k) Fluoranthene | mg/kg | 0.0127 | 95UCL | -- | 2.6E+02 | -- | 5E-10 |
| 24622 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.4 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24622 MARBELLA AVE | Bromomethane | µg/kg | 310 | Max | 7.8E+03 | -- | 4E-02 | -- |
| 24622 MARBELLA AVE | Chrysene | mg/kg | 2.471 | 95UCL | -- | 2.6E+03 | -- | 1E-08 |
| 24622 MARBELLA AVE | Cobalt | mg/kg | 9.844 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24622 MARBELLA AVE | Dibenz (a,h) Anthracene | mg/kg | 0.072 | Max | -- | 1.9E+01 | -- | 4E-08 |
| 24622 MARBELLA AVE | Ethylbenzene | µg/kg | 575.9 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24622 MARBELLA AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.00907 | 95UCL | -- | 2.6E+02 | -- | 4E-10 |
| 24622 MARBELLA AVE | Naphthalene | mg/kg | 15.79 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-01 | 4E-06 |
| 24622 MARBELLA AVE | Pyrene | mg/kg | 5.807 | 95UCL | 6.7E+04 | -- | 9E-05 | -- |
| 24622 MARBELLA AVE | Toluene | µg/kg | 60.5 | 95UCL | 1.6E+07 | -- | 4E-06 | -- |
| 24622 MARBELLA AVE | TPH as Diesel | mg/kg | 8163 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24622 MARBELLA AVE | TPH as Gasoline | mg/kg | 531.1 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24622 MARBELLA AVE | TPH as Motor Oil | mg/kg | 8257 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24622 MARBELLA AVE | Vanadium | mg/kg | 35.2 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24622 MARBELLA AVE | Xylenes, Total | µg/kg | 1181 | 95UCL | 4.7E+05 | -- | 3E-03 | -- |
| 24622 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 991.1 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24622 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 61.19 | 95UCL | 7.7E+04 | -- | 8E-04 | -- |
| 24622 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 11.4 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-05 | 4E-08 |
| 24622 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 1.9 | Max | 6.3E+03 | 2.8E+02 | 3E-04 | 7E-08 |
| 24622 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 17.45 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24622 NEPTUNE AVE | Benzene | µg/kg | 354.7 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-03 | 2E-06 |
| 24622 NEPTUNE AVE | Bromomethane | µg/kg | 4.8 | Max | 7.8E+03 | -- | 6E-04 | -- |
| 24622 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24622 NEPTUNE AVE | Ethylbenzene | µg/kg | 745.2 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24622 NEPTUNE AVE | Naphthalene | mg/kg | 6.486 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24622 NEPTUNE AVE | Pyrene | mg/kg | 1.654 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24622 NEPTUNE AVE | Toluene | µg/kg | 7.426 | 95UCL | 1.6E+07 | -- | 5E-07 | -- |
| 24622 NEPTUNE AVE | TPH as Diesel | mg/kg | 6578 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24622 NEPTUNE AVE | TPH as Gasoline | mg/kg | 177.5 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24622 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7894 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24622 NEPTUNE AVE | Trichloroethene | µg/kg | 20 | Max | 5.5E+03 | 1.9E+04 | 4E-03 | 1E-08 |
| 24622 NEPTUNE AVE | Vinyl Chloride | µg/kg | 0.19 | Max | 8.7E+04 | 3.1E+02 | 2E-06 | 6E-09 |
| 24622 NEPTUNE AVE | Xylenes, Total | µg/kg | 269.2 | 95UCL | 4.7E+05 | -- | 6E-04 | -- |
| 24623 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 11000 | Max | 7.5E+04 | -- | 2E-01 | -- |
| 24623 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 280 | Max | 7.7E+04 | -- | 4E-03 | -- |
| 24623 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 4.2 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24623 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 6.743 | 95UCL | 1.1E+04 | -- | 6E-04 | -- |
| 24623 MARBELLA AVE | Benzene | µg/kg | 15.53 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-04 | 7E-08 |
| 24623 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.35 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24623 MARBELLA AVE | Cobalt | mg/kg | 12.06 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24623 MARBELLA AVE | Ethylbenzene | µg/kg | 4200 | Max | 4.5E+06 | 5.1E+04 | 9E-04 | 8E-07 |
| 24623 MARBELLA AVE | Naphthalene | mg/kg | 4.204 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24623 MARBELLA AVE | Pyrene | mg/kg | 0.058 | 95UCL | 6.7E+04 | -- | 9E-07 | -- |
| 24623 MARBELLA AVE | Toluene | µg/kg | 0.153 | 95UCL | 1.6E+07 | -- | 9E-09 | -- |
| 24623 MARBELLA AVE | TPH as Diesel | mg/kg | 3230 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24623 MARBELLA AVE | TPH as Gasoline | mg/kg | 2200 | Max | 8.6E+02 | -- | **3E+00** | -- |
| 24623 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3101 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24623 MARBELLA AVE | Vanadium | mg/kg | 44.48 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24623 MARBELLA AVE | Xylenes, Total | µg/kg | 1200 | Max | 4.7E+05 | -- | 3E-03 | -- |
| 24623 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 751.1 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24623 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 128.4 | 95UCL | 7.7E+04 | -- | 2E-03 | -- |
| 24623 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.16 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 6E-11 |
| 24623 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 22.29 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-04 | 8E-08 |
| 24623 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 55.47 | 95UCL | 1.1E+04 | -- | 5E-03 | -- |
| 24623 NEPTUNE AVE | Benzene | µg/kg | 302.8 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-03 | 1E-06 |
| 24623 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 1.426 | 95UCL | -- | 2.6E+02 | -- | 6E-08 |
| 24623 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.844 | 95UCL | -- | 2.6E+01 | -- | 3E-07 |
| 24623 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.0655 | 95UCL | -- | 2.6E+02 | -- | 3E-09 |
| 24623 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.0137 | 95UCL | -- | 2.6E+02 | -- | 5E-10 |
| 24623 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.36 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24623 NEPTUNE AVE | Bromodichloromethane | µg/kg | 0.21 | Max | 4.9E+05 | 5.3E+03 | 4E-07 | 4E-10 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24623 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.289 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24623 NEPTUNE AVE | Chrysene | mg/kg | 2.494 | 95UCL | -- | 2.6E+03 | -- | 1E-08 |
| 24623 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.0129 | 95UCL | -- | 1.9E+01 | -- | 7E-09 |
| 24623 NEPTUNE AVE | Ethylbenzene | µg/kg | 735.3 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 1E-07 |
| 24623 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0166 | 95UCL | -- | 2.6E+02 | -- | 6E-10 |
| 24623 NEPTUNE AVE | Naphthalene | mg/kg | 10.38 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-02 | 3E-06 |
| 24623 NEPTUNE AVE | Pyrene | mg/kg | 6.868 | 95UCL | 6.7E+04 | -- | 1E-04 | -- |
| 24623 NEPTUNE AVE | Toluene | µg/kg | 19.51 | 95UCL | 1.6E+07 | -- | 1E-06 | -- |
| 24623 NEPTUNE AVE | TPH as Diesel | mg/kg | 6745 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24623 NEPTUNE AVE | TPH as Gasoline | mg/kg | 455.1 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24623 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7105 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24623 NEPTUNE AVE | Trichloroethene | µg/kg | 23 | Max | 5.5E+03 | 1.9E+04 | 4E-03 | 1E-08 |
| 24623 NEPTUNE AVE | Xylenes, Total | µg/kg | 419.7 | 95UCL | 4.7E+05 | -- | 9E-04 | -- |
| 24627 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3042 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24627 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 746.7 | 95UCL | 7.7E+04 | -- | 1E-02 | -- |
| 24627 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 12.39 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-05 | 5E-08 |
| 24627 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 20.13 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24627 MARBELLA AVE | Benzene | µg/kg | 329.3 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-03 | 2E-06 |
| 24627 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24627 MARBELLA AVE | Cobalt | mg/kg | 12.21 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24627 MARBELLA AVE | Ethylbenzene | µg/kg | 1032 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24627 MARBELLA AVE | Naphthalene | mg/kg | 7.727 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-02 | 2E-06 |
| 24627 MARBELLA AVE | Pyrene | mg/kg | 0.695 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24627 MARBELLA AVE | Toluene | µg/kg | 14.51 | 95UCL | 1.6E+07 | -- | 9E-07 | -- |
| 24627 MARBELLA AVE | TPH as Diesel | mg/kg | 6527 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24627 MARBELLA AVE | TPH as Gasoline | mg/kg | 561.2 | 95UCL | 8.6E+02 | -- | 7E-01 | -- |
| 24627 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4819 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24627 MARBELLA AVE | Trichloroethene | µg/kg | 20 | Max | 5.5E+03 | 1.9E+04 | 4E-03 | 1E-08 |
| 24627 MARBELLA AVE | Vanadium | mg/kg | 43.03 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24627 MARBELLA AVE | Xylenes, Total | µg/kg | 1458 | 95UCL | 4.7E+05 | -- | 3E-03 | -- |
| 24628 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1252 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24628 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 258.8 | 95UCL | 7.7E+04 | -- | 3E-03 | -- |
| 24628 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 8.198 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24628 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 13.65 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24628 MARBELLA AVE | Benzene | µg/kg | 440 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-03 | 2E-06 |
| 24628 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.45 | Max | 4.9E+05 | 5.3E+03 | 9E-07 | 9E-10 |
| 24628 MARBELLA AVE | Bromomethane | µg/kg | 92.44 | 95UCL | 7.8E+03 | -- | 1E-02 | -- |
| 24628 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 1.5 | Max | 3.2E+03 | 6.7E+00 | 5E-04 | 2E-06 |
| 24628 MARBELLA AVE | Cobalt | mg/kg | 9.959 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24628 MARBELLA AVE | Ethylbenzene | µg/kg | 703.6 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 1E-07 |
| 24628 MARBELLA AVE | Methylene Chloride | µg/kg | 2100 | Max | 1.2E+06 | 5.9E+04 | 2E-03 | 4E-07 |
| 24628 MARBELLA AVE | Naphthalene | mg/kg | 6.617 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24628 MARBELLA AVE | Pyrene | mg/kg | 0.932 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24628 MARBELLA AVE | Toluene | µg/kg | 22.2 | 95UCL | 1.6E+07 | -- | 1E-06 | -- |
| 24628 MARBELLA AVE | TPH as Diesel | mg/kg | 7226 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24628 MARBELLA AVE | TPH as Gasoline | mg/kg | 469.9 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24628 MARBELLA AVE | TPH as Motor Oil | mg/kg | 10466 | 95UCL | 1.6E+05 | -- | 7E-02 | -- |
| 24628 MARBELLA AVE | Vanadium | mg/kg | 35.61 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 24628 MARBELLA AVE | Xylenes, Total | µg/kg | 1248 | 95UCL | 4.7E+05 | -- | 3E-03 | -- |
| 24628 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 24.89 | 95UCL | 7.5E+04 | -- | 3E-04 | -- |
| 24628 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 23 | Max | 7.7E+04 | -- | 3E-04 | -- |
| 24628 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 4.06 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24628 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 10.01 | 95UCL | 1.1E+04 | -- | 9E-04 | -- |
| 24628 NEPTUNE AVE | Benzene | µg/kg | 148.4 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-03 | 7E-07 |
| 24628 NEPTUNE AVE | Ethylbenzene | µg/kg | 410.4 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-05 | 8E-08 |
| 24628 NEPTUNE AVE | Naphthalene | mg/kg | 3.244 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 8E-07 |
| 24628 NEPTUNE AVE | Pyrene | mg/kg | 1.294 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24628 NEPTUNE AVE | Toluene | µg/kg | 0.329 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24628 NEPTUNE AVE | TPH as Diesel | mg/kg | 6223 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24628 NEPTUNE AVE | TPH as Gasoline | mg/kg | 163.9 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24628 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6429 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24628 NEPTUNE AVE | Xylenes, Total | µg/kg | 49.62 | 95UCL | 4.7E+05 | -- | 1E-04 | -- |
| 24629 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1614 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24629 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 295.6 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24629 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 7.984 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24629 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 3.1 | Max | 6.3E+03 | 2.8E+02 | 5E-04 | 1E-07 |
| 24629 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 18.24 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24629 NEPTUNE AVE | Benzene | µg/kg | 501.2 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-03 | 2E-06 |
| 24629 NEPTUNE AVE | Bromomethane | µg/kg | 3.7 | Max | 7.8E+03 | -- | 5E-04 | -- |
| 24629 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24629 NEPTUNE AVE | Ethylbenzene | µg/kg | 1129 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 2E-07 |
| 24629 NEPTUNE AVE | Naphthalene | mg/kg | 6.311 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24629 NEPTUNE AVE | Pyrene | mg/kg | 2.314 | 95UCL | 6.7E+04 | -- | 4E-05 | -- |
| 24629 NEPTUNE AVE | Toluene | µg/kg | 13.89 | 95UCL | 1.6E+07 | -- | 9E-07 | -- |
| 24629 NEPTUNE AVE | TPH as Diesel | mg/kg | 6721 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24629 NEPTUNE AVE | TPH as Gasoline | mg/kg | 473.7 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24629 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6367 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24629 NEPTUNE AVE | Trichloroethene | µg/kg | 0.15 | Max | 5.5E+03 | 1.9E+04 | 3E-05 | 8E-11 |
| 24629 NEPTUNE AVE | Xylenes, Total | µg/kg | 923 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24632 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1900 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24632 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 540 | Max | 7.7E+04 | -- | 7E-03 | -- |
| 24632 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 15.51 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-05 | 6E-08 |
| 24632 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 37.87 | 95UCL | 1.1E+04 | -- | 3E-03 | -- |
| 24632 NEPTUNE AVE | Benzene | µg/kg | 79.61 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 4E-07 |
| 24632 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.1 | Max | 3.2E+03 | 6.7E+00 | 3E-05 | 2E-07 |
| 24632 NEPTUNE AVE | Ethylbenzene | µg/kg | 1043 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24632 NEPTUNE AVE | Naphthalene | mg/kg | 7.925 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-02 | 2E-06 |
| 24632 NEPTUNE AVE | Pyrene | mg/kg | 4.015 | 95UCL | 6.7E+04 | -- | 6E-05 | -- |
| 24632 NEPTUNE AVE | Toluene | µg/kg | 10.68 | 95UCL | 1.6E+07 | -- | 7E-07 | -- |
| 24632 NEPTUNE AVE | TPH as Diesel | mg/kg | 5797 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24632 NEPTUNE AVE | TPH as Gasoline | mg/kg | 157.2 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24632 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5133 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24632 NEPTUNE AVE | Xylenes, Total | µg/kg | 575 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24633 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.017 | Max | 1.9E+05 | 2.7E+03 | 9E-08 | 6E-11 |
| 24633 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0334 | 95UCL | 1.1E+04 | -- | 3E-06 | -- |
| 24633 MARBELLA AVE | Benzene | µg/kg | 0.364 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |
| 24633 MARBELLA AVE | Cobalt | mg/kg | 12.25 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 24633 MARBELLA AVE | Naphthalene | mg/kg | 0.213 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-03 | 6E-08 |
| 24633 MARBELLA AVE | Pyrene | mg/kg | 0.797 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24633 MARBELLA AVE | Toluene | µg/kg | 0.89 | Max | 1.6E+07 | -- | 5E-08 | -- |
| 24633 MARBELLA AVE | TPH as Diesel | mg/kg | 1809 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24633 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0618 | 95UCL | 8.6E+02 | -- | 7E-05 | -- |
| 24633 MARBELLA AVE | TPH as Motor Oil | mg/kg | 6627 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24633 MARBELLA AVE | Xylenes, Total | µg/kg | 0.29 | Max | 4.7E+05 | -- | 6E-07 | -- |
| 24700 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1395 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24700 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 176.9 | 95UCL | 7.7E+04 | -- | 2E-03 | -- |
| 24700 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.639 | 95UCL | 8.7E+06 | 2.8E+04 | 7E-08 | 2E-10 |
| 24700 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 7.279 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24700 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 17.46 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24700 MARBELLA AVE | Benzene | µg/kg | 20.84 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-04 | 9E-08 |
| 24700 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24700 MARBELLA AVE | Bromomethane | µg/kg | 280 | Max | 7.8E+03 | -- | 4E-02 | -- |
| 24700 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.25 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24700 MARBELLA AVE | Cobalt | mg/kg | 9.143 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24700 MARBELLA AVE | Ethylbenzene | µg/kg | 1291 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24700 MARBELLA AVE | Naphthalene | mg/kg | 7.118 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24700 MARBELLA AVE | Pyrene | mg/kg | 1.255 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24700 MARBELLA AVE | Toluene | µg/kg | 1.526 | 95UCL | 1.6E+07 | -- | 9E-08 | -- |
| 24700 MARBELLA AVE | TPH as Diesel | mg/kg | 5984 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24700 MARBELLA AVE | TPH as Gasoline | mg/kg | 416.5 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24700 MARBELLA AVE | TPH as Motor Oil | mg/kg | 6277 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24700 MARBELLA AVE | Xylenes, Total | µg/kg | 949 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24700 RAVENNA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.31 | Max | 8.3E+05 | 5.7E+03 | 4E-07 | 5E-10 |
| 24700 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 35.67 | 95UCL | 7.5E+04 | -- | 5E-04 | -- |
| 24700 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 3.065 | 95UCL | 7.7E+04 | -- | 4E-05 | -- |
| 24700 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.1 | Max | 1.9E+05 | 2.7E+03 | 6E-06 | 4E-09 |
| 24700 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.175 | 95UCL | 1.1E+04 | -- | 2E-05 | -- |
| 24700 RAVENNA AVE | Benzene | µg/kg | 0.28 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24700 RAVENNA AVE | Bromomethane | µg/kg | 2 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24700 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.262 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24700 RAVENNA AVE | Ethylbenzene | µg/kg | 9.648 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-06 | 2E-09 |
| 24700 RAVENNA AVE | Naphthalene | mg/kg | 0.0437 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-04 | 1E-08 |
| 24700 RAVENNA AVE | Pyrene | mg/kg | 0.0779 | 95UCL | 6.7E+04 | -- | 1E-06 | -- |
| 24700 RAVENNA AVE | Toluene | µg/kg | 0.257 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24700 RAVENNA AVE | TPH as Diesel | mg/kg | 445.3 | 95UCL | 1.9E+03 | -- | 2E-01 | -- |
| 24700 RAVENNA AVE | TPH as Gasoline | mg/kg | 36.49 | 95UCL | 8.6E+02 | -- | 4E-02 | -- |
| 24700 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1442 | 95UCL | 1.6E+05 | -- | 9E-03 | -- |
| 24700 RAVENNA AVE | Xylenes, Total | µg/kg | 0.532 | 95UCL | 4.7E+05 | -- | 1E-06 | -- |
| 24702 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 2158 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24702 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 66.13 | 95UCL | 7.7E+04 | -- | 9E-04 | -- |
| 24702 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.24 | Max | 8.7E+06 | 2.8E+04 | 3E-08 | 9E-11 |
| 24702 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 9.328 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-05 | 4E-08 |
| 24702 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 14.04 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24702 NEPTUNE AVE | Benzene | µg/kg | 67.9 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 3E-07 |
| 24702 NEPTUNE AVE | Ethylbenzene | µg/kg | 481.1 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 9E-08 |
| 24702 NEPTUNE AVE | Naphthalene | mg/kg | 5.967 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 2E-06 |
| 24702 NEPTUNE AVE | Pyrene | mg/kg | 2.719 | 95UCL | 6.7E+04 | -- | 4E-05 | -- |
| 24702 NEPTUNE AVE | Toluene | µg/kg | 11.42 | 95UCL | 1.6E+07 | -- | 7E-07 | -- |
| 24702 NEPTUNE AVE | TPH as Diesel | mg/kg | 5898 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24702 NEPTUNE AVE | TPH as Gasoline | mg/kg | 278 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24702 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 7050 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24702 NEPTUNE AVE | Trichloroethene | µg/kg | 0.41 | Max | 5.5E+03 | 1.9E+04 | 8E-05 | 2E-10 |
| 24702 NEPTUNE AVE | Xylenes, Total | µg/kg | 600 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24702 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 5950 | 95UCL | 7.5E+04 | -- | 8E-02 | -- |
| 24702 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 303.1 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24702 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.23 | Max | 8.7E+06 | 2.8E+04 | 3E-08 | 8E-11 |
| 24702 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 4.641 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24702 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 10.65 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24702 PANAMA AVE | Benzene | µg/kg | 610.1 | 95UCL | 6.9E+04 | 2.2E+03 | 9E-03 | 3E-06 |
| 24702 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.3 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24702 PANAMA AVE | Bromomethane | µg/kg | 3 | Max | 7.8E+03 | -- | 4E-04 | -- |
| 24702 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24702 PANAMA AVE | Ethylbenzene | µg/kg | 869.7 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24702 PANAMA AVE | Naphthalene | mg/kg | 3.169 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 8E-07 |
| 24702 PANAMA AVE | Pyrene | mg/kg | 2.975 | 95UCL | 6.7E+04 | -- | 5E-05 | -- |
| 24702 PANAMA AVE | Toluene | µg/kg | 25.72 | 95UCL | 1.6E+07 | -- | 2E-06 | -- |
| 24702 PANAMA AVE | TPH as Diesel | mg/kg | 5670 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24702 PANAMA AVE | TPH as Gasoline | mg/kg | 516 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24702 PANAMA AVE | TPH as Motor Oil | mg/kg | 6493 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24702 PANAMA AVE | Xylenes, Total | µg/kg | 2211 | 95UCL | 4.7E+05 | -- | 5E-03 | -- |
| 24703 MARBELLA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.132 | 95UCL | 8.3E+05 | 5.7E+03 | 2E-07 | 2E-10 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24703 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.8 | Max | 7.5E+04 | -- | 2E-05 | -- |
| 24703 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.37 | Max | 7.7E+04 | -- | 5E-06 | -- |
| 24703 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0644 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-07 | 2E-10 |
| 24703 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0507 | 95UCL | 1.1E+04 | -- | 5E-06 | -- |
| 24703 MARBELLA AVE | Benzene | µg/kg | 0.191 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24703 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 5.4 | Max | 6.3E+04 | 6.4E+03 | 9E-05 | 8E-09 |
| 24703 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.17 | Max | 4.9E+05 | 5.3E+03 | 4E-07 | 3E-10 |
| 24703 MARBELLA AVE | Cobalt | mg/kg | 10.66 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24703 MARBELLA AVE | Ethylbenzene | µg/kg | 0.3 | Max | 4.5E+06 | 5.1E+04 | 7E-08 | 6E-11 |
| 24703 MARBELLA AVE | Naphthalene | mg/kg | 0.0249 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-04 | 6E-09 |
| 24703 MARBELLA AVE | Pyrene | mg/kg | 0.808 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24703 MARBELLA AVE | Tetrachloroethene | µg/kg | 1.1 | Max | 8.6E+04 | 1.0E+04 | 1E-05 | 1E-09 |
| 24703 MARBELLA AVE | Toluene | µg/kg | 0.202 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24703 MARBELLA AVE | TPH as Diesel | mg/kg | 821.1 | 95UCL | 1.9E+03 | -- | 4E-01 | -- |
| 24703 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.146 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 24703 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1644 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24703 MARBELLA AVE | Trichloroethene | µg/kg | 0.33 | Max | 5.5E+03 | 1.9E+04 | 6E-05 | 2E-10 |
| 24703 MARBELLA AVE | Xylenes, Total | µg/kg | 1.7 | Max | 4.7E+05 | -- | 4E-06 | -- |
| 24703 NEPTUNE AVE | 1,2,3-Trichloropropane | µg/kg | 0.81 | Max | 2.0E+03 | 7.2E+03 | 4E-04 | 1E-09 |
| 24703 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 30.99 | 95UCL | 7.5E+04 | -- | 4E-04 | -- |
| 24703 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 2.343 | 95UCL | 7.7E+04 | -- | 3E-05 | -- |
| 24703 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 6.225 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24703 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 0.061 | Max | 6.3E+03 | 2.8E+02 | 1E-05 | 2E-09 |
| 24703 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 8.367 | 95UCL | 1.1E+04 | -- | 8E-04 | -- |
| 24703 NEPTUNE AVE | Benzene | µg/kg | 16.3 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-04 | 7E-08 |
| 24703 NEPTUNE AVE | Bromomethane | µg/kg | 200 | Max | 7.8E+03 | -- | 3E-02 | -- |
| 24703 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.169 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 3E-07 |
| 24703 NEPTUNE AVE | Ethylbenzene | µg/kg | 431.3 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 9E-08 |
| 24703 NEPTUNE AVE | Naphthalene | mg/kg | 2.811 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 7E-07 |
| 24703 NEPTUNE AVE | Pyrene | mg/kg | 1.565 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24703 NEPTUNE AVE | Toluene | µg/kg | 2.873 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 24703 NEPTUNE AVE | TPH as Diesel | mg/kg | 4763 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24703 NEPTUNE AVE | TPH as Gasoline | mg/kg | 290.4 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24703 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5202 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24703 NEPTUNE AVE | Xylenes, Total | µg/kg | 10.51 | 95UCL | 4.7E+05 | -- | 2E-05 | -- |
| 24703 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 101.3 | 95UCL | 7.5E+04 | -- | 1E-03 | -- |
| 24703 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 63.76 | 95UCL | 7.7E+04 | -- | 8E-04 | -- |
| 24703 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.761 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-06 | 3E-09 |
| 24703 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.915 | 95UCL | 1.1E+04 | -- | 8E-05 | -- |
| 24703 PANAMA AVE | Benzene | µg/kg | 3.947 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-05 | 2E-08 |
| 24703 PANAMA AVE | Cadmium | mg/kg | 0.435 | Max | 6.4E+02 | 2.4E+02 | 7E-04 | 2E-08 |
| 24703 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.31 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24703 PANAMA AVE | Cobalt | mg/kg | 7.181 | 95UCL | 2.0E+02 | 1.1E+02 | 4E-02 | 6E-07 |
| 24703 PANAMA AVE | Copper | mg/kg | 11.57 | 95UCL | 3.1E+05 | -- | 4E-05 | -- |
| 24703 PANAMA AVE | Ethylbenzene | µg/kg | 80.21 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-05 | 2E-08 |
| 24703 PANAMA AVE | Lead | mg/kg | 19.19 | 95UCL | 1.2E+03 | -- | 2E-02 | -- |
| 24703 PANAMA AVE | Naphthalene | mg/kg | 0.53 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-03 | 1E-07 |
| 24703 PANAMA AVE | Pyrene | mg/kg | 0.644 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24703 PANAMA AVE | Toluene | µg/kg | 0.9 | Max | 1.6E+07 | -- | 6E-08 | -- |
| 24703 PANAMA AVE | TPH as Diesel | mg/kg | 1032 | 95UCL | 1.9E+03 | -- | 5E-01 | -- |
| 24703 PANAMA AVE | TPH as Gasoline | mg/kg | 44.35 | 95UCL | 8.6E+02 | -- | 5E-02 | -- |
| 24703 PANAMA AVE | TPH as Motor Oil | mg/kg | 1909 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24703 PANAMA AVE | Vanadium | mg/kg | 27.64 | 95UCL | 3.3E+03 | -- | 8E-03 | -- |
| 24703 PANAMA AVE | Xylenes, Total | µg/kg | 27.6 | 95UCL | 4.7E+05 | -- | 6E-05 | -- |
| 24703 PANAMA AVE | Zinc | mg/kg | 50.07 | 95UCL | 2.3E+06 | -- | 2E-05 | -- |
| 24703 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1950 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24703 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 312.4 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24703 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 21.92 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-04 | 8E-08 |
| 24703 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 34.34 | 95UCL | 1.1E+04 | -- | 3E-03 | -- |
| 24703 RAVENNA AVE | Benzene | µg/kg | 409.9 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-03 | 2E-06 |
| 24703 RAVENNA AVE | Bromomethane | µg/kg | 2.5 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24703 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24703 RAVENNA AVE | Ethylbenzene | µg/kg | 1404 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24703 RAVENNA AVE | Naphthalene | mg/kg | 14.17 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-01 | 4E-06 |
| 24703 RAVENNA AVE | Pyrene | mg/kg | 2.846 | 95UCL | 6.7E+04 | -- | 4E-05 | -- |
| 24703 RAVENNA AVE | Toluene | µg/kg | 39.84 | 95UCL | 1.6E+07 | -- | 2E-06 | -- |
| 24703 RAVENNA AVE | TPH as Diesel | mg/kg | 6709 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24703 RAVENNA AVE | TPH as Gasoline | mg/kg | 408.4 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24703 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6244 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24703 RAVENNA AVE | Xylenes, Total | µg/kg | 1130 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24706 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1026 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24706 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 275.8 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 24706 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 16 | Max | 8.7E+06 | 2.8E+04 | 2E-06 | 6E-09 |
| 24706 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 14.98 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-05 | 6E-08 |
| 24706 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 23.53 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24706 MARBELLA AVE | Benzene | µg/kg | 27.97 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-04 | 1E-07 |
| 24706 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.316 | 95UCL | 6.3E+04 | 6.4E+03 | 5E-06 | 5E-10 |
| 24706 MARBELLA AVE | Cobalt | mg/kg | 8.964 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24706 MARBELLA AVE | Ethylbenzene | µg/kg | 2604 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-04 | 5E-07 |
| 24706 MARBELLA AVE | Naphthalene | mg/kg | 8.768 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-02 | 2E-06 |
| 24706 MARBELLA AVE | Pyrene | mg/kg | 2.143 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24706 MARBELLA AVE | Toluene | µg/kg | 26.69 | 95UCL | 1.6E+07 | -- | 2E-06 | -- |
| 24706 MARBELLA AVE | TPH as Diesel | mg/kg | 7358 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24706 MARBELLA AVE | TPH as Gasoline | mg/kg | 665.1 | 95UCL | 8.6E+02 | -- | 8E-01 | -- |
| 24706 MARBELLA AVE | TPH as Motor Oil | mg/kg | 6918 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24706 MARBELLA AVE | Xylenes, Total | µg/kg | 862.1 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24706 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.296 | 95UCL | 7.5E+04 | -- | 4E-06 | -- |
| 24706 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 9.9 | Max | 7.7E+04 | -- | 1E-04 | -- |
| 24706 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.014 | Max | 1.9E+05 | 2.7E+03 | 7E-08 | 5E-11 |
| 24706 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.0154 | 95UCL | 1.1E+04 | -- | 1E-06 | -- |
| 24706 RAVENNA AVE | Benzene | µg/kg | 0.304 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24706 RAVENNA AVE | Bromomethane | µg/kg | 2 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24706 RAVENNA AVE | Ethylbenzene | µg/kg | 0.588 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-07 | 1E-10 |
| 24706 RAVENNA AVE | Naphthalene | mg/kg | 0.00654 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-05 | 2E-09 |
| 24706 RAVENNA AVE | Pyrene | mg/kg | 0.861 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24706 RAVENNA AVE | Toluene | µg/kg | 0.225 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24706 RAVENNA AVE | TPH as Diesel | mg/kg | 1224 | 95UCL | 1.9E+03 | -- | 6E-01 | -- |
| 24706 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.126 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 24706 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2494 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24706 RAVENNA AVE | Xylenes, Total | µg/kg | 3.55 | 95UCL | 4.7E+05 | -- | 8E-06 | -- |
| 24707 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.337 | 95UCL | 7.5E+04 | -- | 5E-06 | -- |
| 24707 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.123 | 95UCL | 7.7E+04 | -- | 2E-06 | -- |
| 24707 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.25 | Max | 1.9E+05 | 2.7E+03 | 1E-06 | 9E-10 |
| 24707 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0078 | 95UCL | 1.1E+04 | -- | 7E-07 | -- |
| 24707 MARBELLA AVE | Benzene | µg/kg | 0.18 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24707 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.304 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24707 MARBELLA AVE | Cobalt | mg/kg | 9.172 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24707 MARBELLA AVE | Ethylbenzene | µg/kg | 2.375 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-07 | 5E-10 |
| 24707 MARBELLA AVE | Naphthalene | mg/kg | 0.00369 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-05 | 1E-09 |
| 24707 MARBELLA AVE | Pyrene | mg/kg | 0.126 | 95UCL | 6.7E+04 | -- | 2E-06 | -- |
| 24707 MARBELLA AVE | Toluene | µg/kg | 0.241 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24707 MARBELLA AVE | TPH as Diesel | mg/kg | 171.3 | 95UCL | 1.9E+03 | -- | 9E-02 | -- |
| 24707 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.19 | Max | 8.6E+02 | -- | 2E-04 | -- |
| 24707 MARBELLA AVE | TPH as Motor Oil | mg/kg | 338.6 | 95UCL | 1.6E+05 | -- | 2E-03 | -- |

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**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24707 MARBELLA AVE | Xylenes, Total | µg/kg | 3.651 | 95UCL | 4.7E+05 | -- | 8E-06 | -- |
| 24708 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 28.72 | 95UCL | 7.5E+04 | -- | 4E-04 | -- |
| 24708 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2.278 | 95UCL | 7.7E+04 | -- | 3E-05 | -- |
| 24708 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.57 | Max | 8.7E+06 | 2.8E+04 | 7E-08 | 2E-10 |
| 24708 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.207 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-06 | 8E-10 |
| 24708 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.266 | 95UCL | 1.1E+04 | -- | 2E-05 | -- |
| 24708 PANAMA AVE | Benzene | µg/kg | 0.282 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24708 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24708 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.458 | 95UCL | 3.2E+03 | 6.7E+00 | 2E-04 | 7E-07 |
| 24708 PANAMA AVE | Ethylbenzene | µg/kg | 11.17 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-06 | 2E-09 |
| 24708 PANAMA AVE | Naphthalene | mg/kg | 0.156 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-03 | 4E-08 |
| 24708 PANAMA AVE | Pyrene | mg/kg | 1.182 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24708 PANAMA AVE | Toluene | µg/kg | 0.328 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24708 PANAMA AVE | TPH as Diesel | mg/kg | 1895 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24708 PANAMA AVE | TPH as Gasoline | mg/kg | 30.07 | 95UCL | 8.6E+02 | -- | 4E-02 | -- |
| 24708 PANAMA AVE | TPH as Motor Oil | mg/kg | 3314 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24708 PANAMA AVE | Trichloroethene | µg/kg | 0.18 | Max | 5.5E+03 | 1.9E+04 | 3E-05 | 1E-10 |
| 24708 PANAMA AVE | Xylenes, Total | µg/kg | 8.95 | 95UCL | 4.7E+05 | -- | 2E-05 | -- |
| 24709 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 816.6 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24709 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 46.1 | 95UCL | 7.7E+04 | -- | 6E-04 | -- |
| 24709 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 7.057 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24709 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 8.152 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 24709 NEPTUNE AVE | Benzene | µg/kg | 78.09 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 4E-07 |
| 24709 NEPTUNE AVE | Ethylbenzene | µg/kg | 827.7 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24709 NEPTUNE AVE | Naphthalene | mg/kg | 3.686 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24709 NEPTUNE AVE | Pyrene | mg/kg | 2.063 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24709 NEPTUNE AVE | Toluene | µg/kg | 6.055 | 95UCL | 1.6E+07 | -- | 4E-07 | -- |
| 24709 NEPTUNE AVE | TPH as Diesel | mg/kg | 6118 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24709 NEPTUNE AVE | TPH as Gasoline | mg/kg | 301.6 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 24709 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5245 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24709 NEPTUNE AVE | Xylenes, Total | µg/kg | 216.3 | 95UCL | 4.7E+05 | -- | 5E-04 | -- |
| 24709 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2787 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24709 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 364.2 | 95UCL | 7.7E+04 | -- | 5E-03 | -- |
| 24709 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 4.054 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24709 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 4.876 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24709 PANAMA AVE | Benzene | µg/kg | 115 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-03 | 5E-07 |
| 24709 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.202 | 95UCL | 3.2E+03 | 6.7E+00 | 6E-05 | 3E-07 |
| 24709 PANAMA AVE | Ethylbenzene | µg/kg | 772.1 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24709 PANAMA AVE | Methylene Chloride | µg/kg | 35 | Max | 1.2E+06 | 5.9E+04 | 3E-05 | 6E-09 |
| 24709 PANAMA AVE | Naphthalene | mg/kg | 1.402 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 4E-07 |
| 24709 PANAMA AVE | Pyrene | mg/kg | 4.407 | 95UCL | 6.7E+04 | -- | 7E-05 | -- |
| 24709 PANAMA AVE | Toluene | µg/kg | 32.87 | 95UCL | 1.6E+07 | -- | 2E-06 | -- |
| 24709 PANAMA AVE | TPH as Diesel | mg/kg | 7540 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24709 PANAMA AVE | TPH as Gasoline | mg/kg | 288.6 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24709 PANAMA AVE | TPH as Motor Oil | mg/kg | 11807 | 95UCL | 1.6E+05 | -- | 7E-02 | -- |
| 24709 PANAMA AVE | Xylenes, Total | µg/kg | 1106 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24709 RAVENNA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 330 | Max | 8.3E+05 | 5.7E+03 | 4E-04 | 6E-07 |
| 24709 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3424 | 95UCL | 7.5E+04 | -- | 5E-02 | -- |
| 24709 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 583.9 | 95UCL | 7.7E+04 | -- | 8E-03 | -- |
| 24709 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 13.14 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-05 | 5E-08 |
| 24709 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 19.5 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24709 RAVENNA AVE | Benzene | µg/kg | 145.8 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-03 | 7E-07 |
| 24709 RAVENNA AVE | Bromomethane | µg/kg | 240.6 | 95UCL | 7.8E+03 | -- | 3E-02 | -- |
| 24709 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 3.2E+03 | 6.7E+00 | 7E-05 | 3E-07 |
| 24709 RAVENNA AVE | Ethylbenzene | µg/kg | 1887 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-04 | 4E-07 |
| 24709 RAVENNA AVE | Naphthalene | mg/kg | 6.461 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24709 RAVENNA AVE | Pyrene | mg/kg | 5.429 | 95UCL | 6.7E+04 | -- | 8E-05 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24709 RAVENNA AVE | Toluene | µg/kg | 4.463 | 95UCL | 1.6E+07 | -- | 3E-07 | -- |
| 24709 RAVENNA AVE | TPH as Diesel | mg/kg | 5772 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24709 RAVENNA AVE | TPH as Gasoline | mg/kg | 414.2 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24709 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6029 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24709 RAVENNA AVE | Xylenes, Total | µg/kg | 3307 | 95UCL | 4.7E+05 | -- | 7E-03 | -- |
| 24710 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 6553 | 95UCL | 7.5E+04 | -- | 9E-02 | -- |
| 24710 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 770.5 | 95UCL | 7.7E+04 | -- | 1E-02 | -- |
| 24710 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 69 | Max | 8.7E+06 | 2.8E+04 | 8E-06 | 3E-08 |
| 24710 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 13.28 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-05 | 5E-08 |
| 24710 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 33.05 | 95UCL | 1.1E+04 | -- | 3E-03 | -- |
| 24710 MARBELLA AVE | Benzene | µg/kg | 2867 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-02 | 1E-05 |
| 24710 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24710 MARBELLA AVE | Bromodichloromethane | µg/kg | 0.21 | Max | 4.9E+05 | 5.3E+03 | 4E-07 | 4E-10 |
| 24710 MARBELLA AVE | Cobalt | mg/kg | 9.693 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24710 MARBELLA AVE | Ethylbenzene | µg/kg | 2712 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-04 | 5E-07 |
| 24710 MARBELLA AVE | Naphthalene | mg/kg | 11.11 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-02 | 3E-06 |
| 24710 MARBELLA AVE | Pyrene | mg/kg | 2.284 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24710 MARBELLA AVE | Toluene | µg/kg | 0.406 | 95UCL | 1.6E+07 | -- | 3E-08 | -- |
| 24710 MARBELLA AVE | TPH as Diesel | mg/kg | 7400 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24710 MARBELLA AVE | TPH as Gasoline | mg/kg | 571.5 | 95UCL | 8.6E+02 | -- | 7E-01 | -- |
| 24710 MARBELLA AVE | TPH as Motor Oil | mg/kg | 6906 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24710 MARBELLA AVE | Xylenes, Total | µg/kg | 7344 | 95UCL | 4.7E+05 | -- | 2E-02 | -- |
| 24712 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 311.7 | 95UCL | 7.5E+04 | -- | 4E-03 | -- |
| 24712 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 320 | Max | 7.7E+04 | -- | 4E-03 | -- |
| 24712 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 7.249 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24712 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 19.04 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24712 NEPTUNE AVE | Benzene | µg/kg | 78 | Max | 6.9E+04 | 2.2E+03 | 1E-03 | 4E-07 |
| 24712 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.563 | 95UCL | 6.3E+04 | 6.4E+03 | 9E-06 | 9E-10 |
| 24712 NEPTUNE AVE | Bromomethane | µg/kg | 2.1 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24712 NEPTUNE AVE | Ethylbenzene | µg/kg | 360.5 | 95UCL | 4.5E+06 | 5.1E+04 | 8E-05 | 7E-08 |
| 24712 NEPTUNE AVE | Naphthalene | mg/kg | 6.945 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24712 NEPTUNE AVE | Pyrene | mg/kg | 1.335 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24712 NEPTUNE AVE | Toluene | µg/kg | 0.69 | Max | 1.6E+07 | -- | 4E-08 | -- |
| 24712 NEPTUNE AVE | TPH as Diesel | mg/kg | 4193 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24712 NEPTUNE AVE | TPH as Gasoline | mg/kg | 319.2 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 24712 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 5141 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24712 NEPTUNE AVE | Xylenes, Total | µg/kg | 760 | Max | 4.7E+05 | -- | 2E-03 | -- |
| 24712 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 11.15 | 95UCL | 7.5E+04 | -- | 2E-04 | -- |
| 24712 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 3.352 | 95UCL | 7.7E+04 | -- | 4E-05 | -- |
| 24712 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.86 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-06 | 3E-09 |
| 24712 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.004 | 95UCL | 1.1E+04 | -- | 9E-05 | -- |
| 24712 PANAMA AVE | Benzene | µg/kg | 0.238 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 24712 PANAMA AVE | Bromomethane | µg/kg | 3.7 | Max | 7.8E+03 | -- | 5E-04 | -- |
| 24712 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.44 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 7E-07 |
| 24712 PANAMA AVE | Ethylbenzene | µg/kg | 6.535 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-06 | 1E-09 |
| 24712 PANAMA AVE | Naphthalene | mg/kg | 1.025 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-03 | 3E-07 |
| 24712 PANAMA AVE | Pyrene | mg/kg | 1.135 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24712 PANAMA AVE | Toluene | µg/kg | 0.239 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24712 PANAMA AVE | TPH as Diesel | mg/kg | 4241 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24712 PANAMA AVE | TPH as Gasoline | mg/kg | 124.2 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24712 PANAMA AVE | TPH as Motor Oil | mg/kg | 9058 | 95UCL | 1.6E+05 | -- | 6E-02 | -- |
| 24712 PANAMA AVE | Xylenes, Total | µg/kg | 1.75 | 95UCL | 4.7E+05 | -- | 4E-06 | -- |
| 24712 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 307.9 | 95UCL | 7.5E+04 | -- | 4E-03 | -- |
| 24712 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 61.7 | 95UCL | 7.7E+04 | -- | 8E-04 | -- |
| 24712 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.273 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-06 | 5E-09 |
| 24712 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.639 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24712 RAVENNA AVE | Benzene | µg/kg | 5.023 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-05 | 2E-08 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24712 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 6.3 | Max | 6.3E+04 | 6.4E+03 | 1E-04 | 1E-08 |
| 24712 RAVENNA AVE | Bromomethane | µg/kg | 800 | Max | 7.8E+03 | -- | 1E-01 | -- |
| 24712 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.168 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 3E-07 |
| 24712 RAVENNA AVE | Ethylbenzene | µg/kg | 21.58 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-06 | 4E-09 |
| 24712 RAVENNA AVE | Naphthalene | mg/kg | 0.552 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-03 | 1E-07 |
| 24712 RAVENNA AVE | Pyrene | mg/kg | 0.878 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24712 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.17 | Max | 8.6E+04 | 1.0E+04 | 2E-06 | 2E-10 |
| 24712 RAVENNA AVE | Toluene | µg/kg | 13.53 | 95UCL | 1.6E+07 | -- | 8E-07 | -- |
| 24712 RAVENNA AVE | TPH as Diesel | mg/kg | 1512 | 95UCL | 1.9E+03 | -- | 8E-01 | -- |
| 24712 RAVENNA AVE | TPH as Gasoline | mg/kg | 35.54 | 95UCL | 8.6E+02 | -- | 4E-02 | -- |
| 24712 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1574 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24712 RAVENNA AVE | Xylenes, Total | µg/kg | 54.59 | 95UCL | 4.7E+05 | -- | 1E-04 | -- |
| 24713 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.234 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24713 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0329 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-07 | 1E-10 |
| 24713 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0911 | 95UCL | 1.1E+04 | -- | 8E-06 | -- |
| 24713 MARBELLA AVE | Benzene | µg/kg | 0.327 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |
| 24713 MARBELLA AVE | Cobalt | mg/kg | 9.607 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 24713 MARBELLA AVE | Naphthalene | mg/kg | 0.575 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-03 | 2E-07 |
| 24713 MARBELLA AVE | Pyrene | mg/kg | 0.0413 | 95UCL | 6.7E+04 | -- | 6E-07 | -- |
| 24713 MARBELLA AVE | Toluene | µg/kg | 0.237 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24713 MARBELLA AVE | TPH as Diesel | mg/kg | 121.9 | 95UCL | 1.9E+03 | -- | 6E-02 | -- |
| 24713 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.075 | Max | 8.6E+02 | -- | 9E-05 | -- |
| 24713 MARBELLA AVE | TPH as Motor Oil | mg/kg | 388.4 | 95UCL | 1.6E+05 | -- | 2E-03 | -- |
| 24713 MARBELLA AVE | Xylenes, Total | µg/kg | 0.35 | Max | 4.7E+05 | -- | 7E-07 | -- |
| 24713 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 12.61 | 95UCL | 7.5E+04 | -- | 2E-04 | -- |
| 24713 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.635 | 95UCL | 7.7E+04 | -- | 2E-05 | -- |
| 24713 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.524 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-06 | 2E-09 |
| 24713 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.06 | 95UCL | 1.1E+04 | -- | 1E-04 | -- |
| 24713 PANAMA AVE | Benzene | µg/kg | 7.011 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-04 | 3E-08 |
| 24713 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.65 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24713 PANAMA AVE | Bromomethane | µg/kg | 1.362 | 95UCL | 7.8E+03 | -- | 2E-04 | -- |
| 24713 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.9 | Max | 3.2E+03 | 6.7E+00 | 3E-04 | 1E-06 |
| 24713 PANAMA AVE | Ethylbenzene | µg/kg | 13.7 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-06 | 3E-09 |
| 24713 PANAMA AVE | Methylene Chloride | µg/kg | 6.459 | 95UCL | 1.2E+06 | 5.9E+04 | 5E-06 | 1E-09 |
| 24713 PANAMA AVE | Naphthalene | mg/kg | 0.299 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-03 | 8E-08 |
| 24713 PANAMA AVE | Pyrene | mg/kg | 1.52 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24713 PANAMA AVE | Toluene | µg/kg | 0.346 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24713 PANAMA AVE | TPH as Diesel | mg/kg | 3081 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24713 PANAMA AVE | TPH as Gasoline | mg/kg | 54.79 | 95UCL | 8.6E+02 | -- | 6E-02 | -- |
| 24713 PANAMA AVE | TPH as Motor Oil | mg/kg | 7188 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24713 PANAMA AVE | Xylenes, Total | µg/kg | 12.2 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 24713 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2003 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24713 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 615.9 | 95UCL | 7.7E+04 | -- | 8E-03 | -- |
| 24713 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 4.152 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 24713 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 9.485 | 95UCL | 1.1E+04 | -- | 9E-04 | -- |
| 24713 RAVENNA AVE | Benzene | µg/kg | 83.76 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 4E-07 |
| 24713 RAVENNA AVE | Ethylbenzene | µg/kg | 698.3 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 1E-07 |
| 24713 RAVENNA AVE | Naphthalene | mg/kg | 3.575 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 9E-07 |
| 24713 RAVENNA AVE | Pyrene | mg/kg | 2.083 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24713 RAVENNA AVE | Toluene | µg/kg | 8.984 | 95UCL | 1.6E+07 | -- | 6E-07 | -- |
| 24713 RAVENNA AVE | TPH as Diesel | mg/kg | 5056 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24713 RAVENNA AVE | TPH as Gasoline | mg/kg | 370.5 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 24713 RAVENNA AVE | TPH as Motor Oil | mg/kg | 5851 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24713 RAVENNA AVE | Xylenes, Total | µg/kg | 897.3 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24715 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 3100 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24715 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 821.9 | 95UCL | 7.7E+04 | -- | 1E-02 | -- |
| 24715 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 13.71 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-05 | 5E-08 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24715 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 19.05 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24715 NEPTUNE AVE | Benzene | µg/kg | 997.3 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-02 | 5E-06 |
| 24715 NEPTUNE AVE | Benzo (a) Anthracene | mg/kg | 0.824 | 95UCL | -- | 2.6E+02 | -- | 3E-08 |
| 24715 NEPTUNE AVE | Benzo (a) Pyrene | mg/kg | 0.501 | 95UCL | -- | 2.6E+01 | -- | 2E-07 |
| 24715 NEPTUNE AVE | Benzo (b) Fluoranthene | mg/kg | 0.233 | 95UCL | -- | 2.6E+02 | -- | 9E-09 |
| 24715 NEPTUNE AVE | Benzo (k) Fluoranthene | mg/kg | 0.0671 | 95UCL | -- | 2.6E+02 | -- | 3E-09 |
| 24715 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.34 | Max | 6.3E+04 | 6.4E+03 | 5E-06 | 5E-10 |
| 24715 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.33 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24715 NEPTUNE AVE | Chrysene | mg/kg | 2.049 | 95UCL | -- | 2.6E+03 | -- | 8E-09 |
| 24715 NEPTUNE AVE | Dibenz (a,h) Anthracene | mg/kg | 0.108 | 95UCL | -- | 1.9E+01 | -- | 6E-08 |
| 24715 NEPTUNE AVE | Ethylbenzene | µg/kg | 1287 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 24715 NEPTUNE AVE | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.0544 | 95UCL | -- | 2.6E+02 | -- | 2E-09 |
| 24715 NEPTUNE AVE | Naphthalene | mg/kg | 8.789 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-02 | 2E-06 |
| 24715 NEPTUNE AVE | Pyrene | mg/kg | 3.566 | 95UCL | 6.7E+04 | -- | 5E-05 | -- |
| 24715 NEPTUNE AVE | Toluene | µg/kg | 49.16 | 95UCL | 1.6E+07 | -- | 3E-06 | -- |
| 24715 NEPTUNE AVE | TPH as Diesel | mg/kg | 8860 | 95UCL | 1.9E+03 | -- | **5E+00** | -- |
| 24715 NEPTUNE AVE | TPH as Gasoline | mg/kg | 538.4 | 95UCL | 8.6E+02 | -- | 6E-01 | -- |
| 24715 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 9922 | 95UCL | 1.6E+05 | -- | 6E-02 | -- |
| 24715 NEPTUNE AVE | Xylenes, Total | µg/kg | 1678 | 95UCL | 4.7E+05 | -- | 4E-03 | -- |
| 24716 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2821 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24716 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 10000 | Max | 7.7E+04 | -- | 1E-01 | -- |
| 24716 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 5.149 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24716 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 14.85 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24716 MARBELLA AVE | Benzene | µg/kg | 312.3 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-03 | 1E-06 |
| 24716 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24716 MARBELLA AVE | Cobalt | mg/kg | 9.291 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24716 MARBELLA AVE | Ethylbenzene | µg/kg | 1927 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-04 | 4E-07 |
| 24716 MARBELLA AVE | Naphthalene | mg/kg | 3.178 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 8E-07 |
| 24716 MARBELLA AVE | Pyrene | mg/kg | 1.584 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24716 MARBELLA AVE | Toluene | µg/kg | 0.281 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24716 MARBELLA AVE | TPH as Diesel | mg/kg | 4813 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24716 MARBELLA AVE | TPH as Gasoline | mg/kg | 427.8 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24716 MARBELLA AVE | TPH as Motor Oil | mg/kg | 4480 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24716 MARBELLA AVE | Xylenes, Total | µg/kg | 5119 | 95UCL | 4.7E+05 | -- | 1E-02 | -- |
| 24716 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.903 | 95UCL | 7.5E+04 | -- | 1E-05 | -- |
| 24716 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.2 | Max | 7.7E+04 | -- | 2E-05 | -- |
| 24716 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.349 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-06 | 1E-09 |
| 24716 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.358 | 95UCL | 1.1E+04 | -- | 3E-05 | -- |
| 24716 RAVENNA AVE | Benzene | µg/kg | 0.445 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-06 | 2E-09 |
| 24716 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.26 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24716 RAVENNA AVE | Ethylbenzene | µg/kg | 0.45 | Max | 4.5E+06 | 5.1E+04 | 1E-07 | 9E-11 |
| 24716 RAVENNA AVE | Naphthalene | mg/kg | 0.0481 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-04 | 1E-08 |
| 24716 RAVENNA AVE | Pyrene | mg/kg | 0.702 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24716 RAVENNA AVE | Toluene | µg/kg | 0.254 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24716 RAVENNA AVE | TPH as Diesel | mg/kg | 2170 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24716 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.483 | 95UCL | 8.6E+02 | -- | 6E-04 | -- |
| 24716 RAVENNA AVE | TPH as Motor Oil | mg/kg | 2839 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24716 RAVENNA AVE | Xylenes, Total | µg/kg | 2.8 | Max | 4.7E+05 | -- | 6E-06 | -- |
| 24717 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 29.68 | 95UCL | 7.5E+04 | -- | 4E-04 | -- |
| 24717 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 9.711 | 95UCL | 7.7E+04 | -- | 1E-04 | -- |
| 24717 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.29 | Max | 8.7E+06 | 2.8E+04 | 3E-08 | 1E-10 |
| 24717 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 3.675 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24717 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 4.353 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24717 MARBELLA AVE | Benzene | µg/kg | 2.491 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-05 | 1E-08 |
| 24717 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.241 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24717 MARBELLA AVE | Cobalt | mg/kg | 9.428 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24717 MARBELLA AVE | Ethylbenzene | µg/kg | 27.33 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-06 | 5E-09 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24717 MARBELLA AVE | Naphthalene | mg/kg | 1.461 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 4E-07 |
| 24717 MARBELLA AVE | Pyrene | mg/kg | 0.866 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24717 MARBELLA AVE | Toluene | µg/kg | 0.355 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24717 MARBELLA AVE | TPH as Diesel | mg/kg | 3183 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24717 MARBELLA AVE | TPH as Gasoline | mg/kg | 53 | 95UCL | 8.6E+02 | -- | 6E-02 | -- |
| 24717 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3252 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24717 MARBELLA AVE | Xylenes, Total | µg/kg | 8.597 | 95UCL | 4.7E+05 | -- | 2E-05 | -- |
| 24718 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 4731 | 95UCL | 7.5E+04 | -- | 6E-02 | -- |
| 24718 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 1961 | 95UCL | 7.7E+04 | -- | 3E-02 | -- |
| 24718 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 8.584 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24718 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 13.43 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24718 NEPTUNE AVE | Antimony | mg/kg | 0.621 | 95UCL | 3.1E+03 | -- | 2E-04 | -- |
| 24718 NEPTUNE AVE | Benzene | µg/kg | 93.32 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 4E-07 |
| 24718 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.22 | Max | 3.2E+03 | 6.7E+00 | 7E-05 | 3E-07 |
| 24718 NEPTUNE AVE | Ethylbenzene | µg/kg | 4676 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-03 | 9E-07 |
| 24718 NEPTUNE AVE | Naphthalene | mg/kg | 6.05 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 2E-06 |
| 24718 NEPTUNE AVE | Pyrene | mg/kg | 0.545 | 95UCL | 6.7E+04 | -- | 8E-06 | -- |
| 24718 NEPTUNE AVE | Toluene | µg/kg | 1.414 | 95UCL | 1.6E+07 | -- | 9E-08 | -- |
| 24718 NEPTUNE AVE | TPH as Diesel | mg/kg | 6056 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24718 NEPTUNE AVE | TPH as Gasoline | mg/kg | 664 | 95UCL | 8.6E+02 | -- | 8E-01 | -- |
| 24718 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6494 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24718 NEPTUNE AVE | Trichloroethene | µg/kg | 0.23 | Max | 5.5E+03 | 1.9E+04 | 4E-05 | 1E-10 |
| 24718 NEPTUNE AVE | Xylenes, Total | µg/kg | 6169 | 95UCL | 4.7E+05 | -- | 1E-02 | -- |
| 24718 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 0.882 | 95UCL | 2.0E+03 | 7.2E+03 | 5E-04 | 1E-09 |
| 24718 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 25.37 | 95UCL | 7.5E+04 | -- | 3E-04 | -- |
| 24718 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 10.65 | 95UCL | 7.7E+04 | -- | 1E-04 | -- |
| 24718 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.784 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-06 | 3E-09 |
| 24718 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 1.61 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24718 PANAMA AVE | Benzene | µg/kg | 0.519 | 95UCL | 6.9E+04 | 2.2E+03 | 8E-06 | 2E-09 |
| 24718 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24718 PANAMA AVE | Bromomethane | µg/kg | 680 | Max | 7.8E+03 | -- | 9E-02 | -- |
| 24718 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.267 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24718 PANAMA AVE | Ethylbenzene | µg/kg | 9.913 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-06 | 2E-09 |
| 24718 PANAMA AVE | Naphthalene | mg/kg | 0.477 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-03 | 1E-07 |
| 24718 PANAMA AVE | Pyrene | mg/kg | 8.026 | 95UCL | 6.7E+04 | -- | 1E-04 | -- |
| 24718 PANAMA AVE | Toluene | µg/kg | 0.342 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24718 PANAMA AVE | TPH as Diesel | mg/kg | 1462 | 95UCL | 1.9E+03 | -- | 8E-01 | -- |
| 24718 PANAMA AVE | TPH as Gasoline | mg/kg | 0.555 | 95UCL | 8.6E+02 | -- | 7E-04 | -- |
| 24718 PANAMA AVE | TPH as Motor Oil | mg/kg | 5358 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24718 PANAMA AVE | Xylenes, Total | µg/kg | 13.44 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 24719 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 2056 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 24719 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 40.63 | 95UCL | 7.7E+04 | -- | 5E-04 | -- |
| 24719 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 170 | Max | 8.7E+06 | 2.8E+04 | 2E-05 | 6E-08 |
| 24719 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 5.513 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24719 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 16.69 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24719 NEPTUNE AVE | Benzene | µg/kg | 97.49 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 4E-07 |
| 24719 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.603 | 95UCL | 6.3E+04 | 6.4E+03 | 1E-05 | 9E-10 |
| 24719 NEPTUNE AVE | Bromomethane | µg/kg | 1.8 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24719 NEPTUNE AVE | Ethylbenzene | µg/kg | 4826 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-03 | 1E-06 |
| 24719 NEPTUNE AVE | Naphthalene | mg/kg | 7.111 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24719 NEPTUNE AVE | Pyrene | mg/kg | 0.666 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24719 NEPTUNE AVE | Toluene | µg/kg | 0.62 | 95UCL | 1.6E+07 | -- | 4E-08 | -- |
| 24719 NEPTUNE AVE | TPH as Diesel | mg/kg | 5679 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24719 NEPTUNE AVE | TPH as Gasoline | mg/kg | 864.4 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24719 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6129 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24719 NEPTUNE AVE | Xylenes, Total | µg/kg | 346.5 | 95UCL | 4.7E+05 | -- | 7E-04 | -- |
| 24719 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 21.71 | 95UCL | 7.5E+04 | -- | 3E-04 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24719 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 16.29 | 95UCL | 7.7E+04 | -- | 2E-04 | -- |
| 24719 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.518 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-06 | 2E-09 |
| 24719 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.468 | 95UCL | 1.1E+04 | -- | 4E-05 | -- |
| 24719 PANAMA AVE | Benzene | µg/kg | 0.415 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-06 | 2E-09 |
| 24719 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.22 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 3E-10 |
| 24719 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.315 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24719 PANAMA AVE | Ethylbenzene | µg/kg | 2.192 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-07 | 4E-10 |
| 24719 PANAMA AVE | Naphthalene | mg/kg | 0.006 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-05 | 2E-09 |
| 24719 PANAMA AVE | Pyrene | mg/kg | 1.353 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24719 PANAMA AVE | Toluene | µg/kg | 0.217 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24719 PANAMA AVE | TPH as Diesel | mg/kg | 2787 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24719 PANAMA AVE | TPH as Gasoline | mg/kg | 0.182 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 24719 PANAMA AVE | TPH as Motor Oil | mg/kg | 5080 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24719 PANAMA AVE | Xylenes, Total | µg/kg | 11.61 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 24719 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4973 | 95UCL | 7.5E+04 | -- | 7E-02 | -- |
| 24719 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1184 | 95UCL | 7.7E+04 | -- | 2E-02 | -- |
| 24719 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.27 | Max | 8.7E+06 | 2.8E+04 | 3E-08 | 1E-10 |
| 24719 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 6.458 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24719 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 16.56 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24719 RAVENNA AVE | Benzene | µg/kg | 272.1 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-03 | 1E-06 |
| 24719 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.5 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24719 RAVENNA AVE | Bromomethane | µg/kg | 453.8 | 95UCL | 7.8E+03 | -- | 6E-02 | -- |
| 24719 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.64 | 95UCL | 3.2E+03 | 6.7E+00 | 2E-04 | 1E-06 |
| 24719 RAVENNA AVE | Ethylbenzene | µg/kg | 1771 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-04 | 4E-07 |
| 24719 RAVENNA AVE | Naphthalene | mg/kg | 4.361 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24719 RAVENNA AVE | Pyrene | mg/kg | 1.208 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24719 RAVENNA AVE | Toluene | µg/kg | 814.4 | 95UCL | 1.6E+07 | -- | 5E-05 | -- |
| 24719 RAVENNA AVE | TPH as Diesel | mg/kg | 5988 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24719 RAVENNA AVE | TPH as Gasoline | mg/kg | 635.5 | 95UCL | 8.6E+02 | -- | 7E-01 | -- |
| 24719 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6355 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24719 RAVENNA AVE | Xylenes, Total | µg/kg | 8658 | 95UCL | 4.7E+05 | -- | 2E-02 | -- |
| 24722 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.54 | Max | 7.5E+04 | -- | 7E-06 | -- |
| 24722 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.00643 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-08 | 2E-11 |
| 24722 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0183 | 95UCL | 1.1E+04 | -- | 2E-06 | -- |
| 24722 MARBELLA AVE | Benzene | µg/kg | 0.476 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-06 | 2E-09 |
| 24722 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.34 | Max | 6.3E+04 | 6.4E+03 | 5E-06 | 5E-10 |
| 24722 MARBELLA AVE | Bromomethane | µg/kg | 0.92 | Max | 7.8E+03 | -- | 1E-04 | -- |
| 24722 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.7 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 1E-06 |
| 24722 MARBELLA AVE | Ethylbenzene | µg/kg | 0.41 | Max | 4.5E+06 | 5.1E+04 | 9E-08 | 8E-11 |
| 24722 MARBELLA AVE | Naphthalene | mg/kg | 0.0055 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-05 | 1E-09 |
| 24722 MARBELLA AVE | Pyrene | mg/kg | 0.591 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24722 MARBELLA AVE | Toluene | µg/kg | 0.886 | 95UCL | 1.6E+07 | -- | 5E-08 | -- |
| 24722 MARBELLA AVE | TPH as Diesel | mg/kg | 961.7 | 95UCL | 1.9E+03 | -- | 5E-01 | -- |
| 24722 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.343 | 95UCL | 8.6E+02 | -- | 4E-04 | -- |
| 24722 MARBELLA AVE | TPH as Motor Oil | mg/kg | 2248 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24722 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.51 | Max | 7.5E+04 | -- | 7E-06 | -- |
| 24722 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00393 | 95UCL | 1.1E+04 | -- | 4E-07 | -- |
| 24722 NEPTUNE AVE | Benzene | µg/kg | 0.743 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-05 | 3E-09 |
| 24722 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24722 NEPTUNE AVE | Bromomethane | µg/kg | 2.4 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24722 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.25 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24722 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.78 | Max | 4.5E+06 | 5.1E+04 | 2E-07 | 2E-10 |
| 24722 NEPTUNE AVE | Naphthalene | mg/kg | 0.00236 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-05 | 6E-10 |
| 24722 NEPTUNE AVE | Pyrene | mg/kg | 0.00662 | 95UCL | 6.7E+04 | -- | 1E-07 | -- |
| 24722 NEPTUNE AVE | Toluene | µg/kg | 0.625 | 95UCL | 1.6E+07 | -- | 4E-08 | -- |
| 24722 NEPTUNE AVE | TPH as Diesel | mg/kg | 21.44 | 95UCL | 1.9E+03 | -- | 1E-02 | -- |
| 24722 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0748 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24722 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 62.32 | 95UCL | 1.6E+05 | -- | 4E-04 | -- |
| 24722 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.306 | 95UCL | 4.7E+05 | -- | 7E-07 | -- |
| 24722 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.21 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24722 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.12 | Max | 7.7E+04 | -- | 2E-06 | -- |
| 24722 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.436 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-06 | 2E-09 |
| 24722 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.347 | 95UCL | 1.1E+04 | -- | 3E-05 | -- |
| 24722 PANAMA AVE | Benzene | µg/kg | 0.229 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 24722 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24722 PANAMA AVE | Naphthalene | mg/kg | 0.0868 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-04 | 2E-08 |
| 24722 PANAMA AVE | Pyrene | mg/kg | 0.576 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24722 PANAMA AVE | Toluene | µg/kg | 0.25 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24722 PANAMA AVE | TPH as Diesel | mg/kg | 1080 | 95UCL | 1.9E+03 | -- | 6E-01 | -- |
| 24722 PANAMA AVE | TPH as Gasoline | mg/kg | 0.122 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24722 PANAMA AVE | TPH as Motor Oil | mg/kg | 1623 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24722 PANAMA AVE | Xylenes, Total | µg/kg | 0.46 | Max | 4.7E+05 | -- | 1E-06 | -- |
| 24722 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 135.8 | 95UCL | 7.5E+04 | -- | 2E-03 | -- |
| 24722 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 58.18 | 95UCL | 7.7E+04 | -- | 8E-04 | -- |
| 24722 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.048 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-06 | 4E-09 |
| 24722 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.361 | 95UCL | 1.1E+04 | -- | 1E-04 | -- |
| 24722 RAVENNA AVE | Benzene | µg/kg | 2.43 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-05 | 1E-08 |
| 24722 RAVENNA AVE | Bromomethane | µg/kg | 0.894 | 95UCL | 7.8E+03 | -- | 1E-04 | -- |
| 24722 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.366 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24722 RAVENNA AVE | Ethylbenzene | µg/kg | 18.82 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-06 | 4E-09 |
| 24722 RAVENNA AVE | Naphthalene | mg/kg | 0.467 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-03 | 1E-07 |
| 24722 RAVENNA AVE | Pyrene | mg/kg | 0.972 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24722 RAVENNA AVE | Toluene | µg/kg | 5.087 | 95UCL | 1.6E+07 | -- | 3E-07 | -- |
| 24722 RAVENNA AVE | TPH as Diesel | mg/kg | 2431 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24722 RAVENNA AVE | TPH as Gasoline | mg/kg | 1.371 | 95UCL | 8.6E+02 | -- | 2E-03 | -- |
| 24722 RAVENNA AVE | TPH as Motor Oil | mg/kg | 5422 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24722 RAVENNA AVE | Xylenes, Total | µg/kg | 47.11 | 95UCL | 4.7E+05 | -- | 1E-04 | -- |
| 24723 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 12.87 | 95UCL | 7.5E+04 | -- | 2E-04 | -- |
| 24723 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 9.3 | Max | 7.7E+04 | -- | 1E-04 | -- |
| 24723 MARBELLA AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 24723 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0731 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-07 | 3E-10 |
| 24723 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0903 | 95UCL | 1.1E+04 | -- | 8E-06 | -- |
| 24723 MARBELLA AVE | Benzene | µg/kg | 1.427 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-05 | 6E-09 |
| 24723 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.39 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24723 MARBELLA AVE | Bromomethane | µg/kg | 2.1 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24723 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.23 | Max | 3.2E+03 | 6.7E+00 | 7E-05 | 3E-07 |
| 24723 MARBELLA AVE | Cobalt | mg/kg | 8.553 | 95UCL | 2.0E+02 | 1.1E+02 | 4E-02 | 8E-07 |
| 24723 MARBELLA AVE | Ethylbenzene | µg/kg | 5.74 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-06 | 1E-09 |
| 24723 MARBELLA AVE | Naphthalene | mg/kg | 0.0847 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-04 | 2E-08 |
| 24723 MARBELLA AVE | Pyrene | mg/kg | 0.65 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24723 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.32 | Max | 8.6E+04 | 1.0E+04 | 4E-06 | 3E-10 |
| 24723 MARBELLA AVE | Toluene | µg/kg | 0.891 | 95UCL | 1.6E+07 | -- | 5E-08 | -- |
| 24723 MARBELLA AVE | TPH as Diesel | mg/kg | 1442 | 95UCL | 1.9E+03 | -- | 8E-01 | -- |
| 24723 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.195 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 24723 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1803 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24723 MARBELLA AVE | Xylenes, Total | µg/kg | 0.581 | 95UCL | 4.7E+05 | -- | 1E-06 | -- |
| 24723 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2.782 | 95UCL | 7.5E+04 | -- | 4E-05 | -- |
| 24723 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 170 | Max | 8.7E+06 | 2.8E+04 | 2E-05 | 6E-08 |
| 24723 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 1.179 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-06 | 4E-09 |
| 24723 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 1.919 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24723 RAVENNA AVE | Benzene | µg/kg | 0.184 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24723 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.34 | Max | 6.3E+04 | 6.4E+03 | 5E-06 | 5E-10 |
| 24723 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.371 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24723 RAVENNA AVE | Ethylbenzene | µg/kg | 595.7 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24723 RAVENNA AVE | Naphthalene | mg/kg | 0.782 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-03 | 2E-07 |
| 24723 RAVENNA AVE | Pyrene | mg/kg | 0.166 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 24723 RAVENNA AVE | Toluene | µg/kg | 0.281 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24723 RAVENNA AVE | TPH as Diesel | mg/kg | 1239 | 95UCL | 1.9E+03 | -- | 7E-01 | -- |
| 24723 RAVENNA AVE | TPH as Gasoline | mg/kg | 117.4 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24723 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1264 | 95UCL | 1.6E+05 | -- | 8E-03 | -- |
| 24723 RAVENNA AVE | Xylenes, Total | µg/kg | 15.65 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 24725 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.1 | Max | 7.5E+04 | -- | 2E-05 | -- |
| 24725 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0052 | Max | 1.9E+05 | 2.7E+03 | 3E-08 | 2E-11 |
| 24725 NEPTUNE AVE | 2,4-Dinitrotoluene | mg/kg | 0.12 | Max | 6.3E+03 | 2.8E+02 | 2E-05 | 4E-09 |
| 24725 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.00776 | 95UCL | 1.1E+04 | -- | 7E-07 | -- |
| 24725 NEPTUNE AVE | Benzene | µg/kg | 0.14 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 6E-10 |
| 24725 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.36 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 24725 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.199 | 95UCL | 3.2E+03 | 6.7E+00 | 6E-05 | 3E-07 |
| 24725 NEPTUNE AVE | Naphthalene | mg/kg | 0.00441 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-05 | 1E-09 |
| 24725 NEPTUNE AVE | Pyrene | mg/kg | 0.317 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24725 NEPTUNE AVE | Toluene | µg/kg | 0.282 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24725 NEPTUNE AVE | TPH as Diesel | mg/kg | 194.6 | 95UCL | 1.9E+03 | -- | 1E-01 | -- |
| 24725 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.08 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 24725 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 422.8 | 95UCL | 1.6E+05 | -- | 3E-03 | -- |
| 24726 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 9.743 | 95UCL | 7.5E+04 | -- | 1E-04 | -- |
| 24726 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.752 | 95UCL | 7.7E+04 | -- | 1E-05 | -- |
| 24726 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.289 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-06 | 1E-09 |
| 24726 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.347 | 95UCL | 1.1E+04 | -- | 3E-05 | -- |
| 24726 MARBELLA AVE | Benzene | µg/kg | 1.663 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-05 | 8E-09 |
| 24726 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.1 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24726 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.331 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24726 MARBELLA AVE | Cobalt | mg/kg | 9.568 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24726 MARBELLA AVE | Ethylbenzene | µg/kg | 6.755 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-06 | 1E-09 |
| 24726 MARBELLA AVE | Naphthalene | mg/kg | 0.0674 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-04 | 2E-08 |
| 24726 MARBELLA AVE | Pyrene | mg/kg | 0.252 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24726 MARBELLA AVE | Toluene | µg/kg | 1.474 | 95UCL | 1.6E+07 | -- | 9E-08 | -- |
| 24726 MARBELLA AVE | TPH as Diesel | mg/kg | 257.5 | 95UCL | 1.9E+03 | -- | 1E-01 | -- |
| 24726 MARBELLA AVE | TPH as Gasoline | mg/kg | 7.425 | 95UCL | 8.6E+02 | -- | 9E-03 | -- |
| 24726 MARBELLA AVE | TPH as Motor Oil | mg/kg | 589.8 | 95UCL | 1.6E+05 | -- | 4E-03 | -- |
| 24726 MARBELLA AVE | Xylenes, Total | µg/kg | 6.515 | 95UCL | 4.7E+05 | -- | 1E-05 | -- |
| 24726 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4.7 | Max | 7.5E+04 | -- | 6E-05 | -- |
| 24726 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.7 | Max | 7.7E+04 | -- | 2E-05 | -- |
| 24726 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.234 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-06 | 9E-10 |
| 24726 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.345 | 95UCL | 1.1E+04 | -- | 3E-05 | -- |
| 24726 RAVENNA AVE | Benzene | µg/kg | 0.22 | Max | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 24726 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24726 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.281 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24726 RAVENNA AVE | Ethylbenzene | µg/kg | 1.2 | Max | 4.5E+06 | 5.1E+04 | 3E-07 | 2E-10 |
| 24726 RAVENNA AVE | Naphthalene | mg/kg | 0.121 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-04 | 3E-08 |
| 24726 RAVENNA AVE | Pyrene | mg/kg | 1.089 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24726 RAVENNA AVE | TPH as Diesel | mg/kg | 563.9 | 95UCL | 1.9E+03 | -- | 3E-01 | -- |
| 24726 RAVENNA AVE | TPH as Gasoline | mg/kg | 1 | Max | 8.6E+02 | -- | 1E-03 | -- |
| 24726 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1562 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24726 RAVENNA AVE | Trichloroethene | µg/kg | 0.43 | Max | 5.5E+03 | 1.9E+04 | 8E-05 | 2E-10 |
| 24726 RAVENNA AVE | Xylenes, Total | µg/kg | 0.85 | Max | 4.7E+05 | -- | 2E-06 | -- |
| 24727 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 9200 | Max | 7.5E+04 | -- | 1E-01 | -- |
| 24727 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 850 | Max | 7.7E+04 | -- | 1E-02 | -- |
| 24727 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.108 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-07 | 4E-10 |
| 24727 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.127 | 95UCL | 1.1E+04 | -- | 1E-05 | -- |
| 24727 MARBELLA AVE | Benzene | µg/kg | 18.24 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-04 | 8E-08 |
| 24727 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.259 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24727 MARBELLA AVE | Ethylbenzene | µg/kg | 44.25 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-05 | 9E-09 |
| 24727 MARBELLA AVE | Naphthalene | mg/kg | 1.517 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 4E-07 |
| 24727 MARBELLA AVE | Pyrene | mg/kg | 0.535 | 95UCL | 6.7E+04 | -- | 8E-06 | -- |
| 24727 MARBELLA AVE | Toluene | µg/kg | 0.225 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24727 MARBELLA AVE | TPH as Diesel | mg/kg | 2542 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24727 MARBELLA AVE | TPH as Gasoline | mg/kg | 87.32 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24727 MARBELLA AVE | TPH as Motor Oil | mg/kg | 7445 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24727 MARBELLA AVE | Xylenes, Total | µg/kg | 2000 | Max | 4.7E+05 | -- | 4E-03 | -- |
| 24728 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 710 | Max | 7.5E+04 | -- | 9E-03 | -- |
| 24728 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 210 | Max | 7.7E+04 | -- | 3E-03 | -- |
| 24728 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.806 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-06 | 7E-09 |
| 24728 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 3.005 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 24728 NEPTUNE AVE | Benzene | µg/kg | 537.9 | 95UCL | 6.9E+04 | 2.2E+03 | 8E-03 | 2E-06 |
| 24728 NEPTUNE AVE | Bromomethane | µg/kg | 2.3 | 95UCL | 7.8E+03 | -- | 3E-04 | -- |
| 24728 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.57 | 95UCL | 3.2E+03 | 6.7E+00 | 2E-04 | 9E-07 |
| 24728 NEPTUNE AVE | Ethylbenzene | µg/kg | 6900 | Max | 4.5E+06 | 5.1E+04 | 2E-03 | 1E-06 |
| 24728 NEPTUNE AVE | Naphthalene | mg/kg | 1.406 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 4E-07 |
| 24728 NEPTUNE AVE | Pyrene | mg/kg | 0.24 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24728 NEPTUNE AVE | Toluene | µg/kg | 3.838 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 24728 NEPTUNE AVE | TPH as Diesel | mg/kg | 1340 | 95UCL | 1.9E+03 | -- | 7E-01 | -- |
| 24728 NEPTUNE AVE | TPH as Gasoline | mg/kg | 294.8 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24728 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1845 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24728 NEPTUNE AVE | Xylenes, Total | µg/kg | 46.83 | 95UCL | 4.7E+05 | -- | 1E-04 | -- |
| 24728 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.91 | 95UCL | 7.5E+04 | -- | 1E-05 | -- |
| 24728 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 2.7 | Max | 7.7E+04 | -- | 4E-05 | -- |
| 24728 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 2.099 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 8E-09 |
| 24728 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 2.247 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24728 PANAMA AVE | Benzene | µg/kg | 0.24 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24728 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.56 | Max | 6.3E+04 | 6.4E+03 | 9E-06 | 9E-10 |
| 24728 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.41 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24728 PANAMA AVE | Ethylbenzene | µg/kg | 0.37 | Max | 4.5E+06 | 5.1E+04 | 8E-08 | 7E-11 |
| 24728 PANAMA AVE | Naphthalene | mg/kg | 0.215 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-03 | 6E-08 |
| 24728 PANAMA AVE | Pyrene | mg/kg | 3.117 | 95UCL | 6.7E+04 | -- | 5E-05 | -- |
| 24728 PANAMA AVE | Toluene | µg/kg | 0.193 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24728 PANAMA AVE | TPH as Diesel | mg/kg | 13864 | 95UCL | 1.9E+03 | -- | **7E+00** | -- |
| 24728 PANAMA AVE | TPH as Gasoline | mg/kg | 70.49 | 95UCL | 8.6E+02 | -- | 8E-02 | -- |
| 24728 PANAMA AVE | TPH as Motor Oil | mg/kg | 19203 | 95UCL | 1.6E+05 | -- | 1E-01 | -- |
| 24728 PANAMA AVE | Xylenes, Total | µg/kg | 4.2 | Max | 4.7E+05 | -- | 9E-06 | -- |
| 24729 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.191 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24729 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.2 | Max | 1.9E+05 | 2.7E+03 | 1E-06 | 8E-10 |
| 24729 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0695 | 95UCL | 1.1E+04 | -- | 6E-06 | -- |
| 24729 NEPTUNE AVE | Benzene | µg/kg | 0.157 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 7E-10 |
| 24729 NEPTUNE AVE | Bromomethane | µg/kg | 2.1 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24729 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.332 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24729 NEPTUNE AVE | Naphthalene | mg/kg | 0.12 | Max | 1.4E+02 | 3.9E+01 | 9E-04 | 3E-08 |
| 24729 NEPTUNE AVE | Pyrene | mg/kg | 0.29 | 95UCL | 6.7E+04 | -- | 4E-06 | -- |
| 24729 NEPTUNE AVE | Toluene | µg/kg | 0.7 | 95UCL | 1.6E+07 | -- | 4E-08 | -- |
| 24729 NEPTUNE AVE | TPH as Diesel | mg/kg | 592.5 | 95UCL | 1.9E+03 | -- | 3E-01 | -- |
| 24729 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.444 | 95UCL | 8.6E+02 | -- | 5E-04 | -- |
| 24729 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1087 | 95UCL | 1.6E+05 | -- | 7E-03 | -- |
| 24729 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.25 | Max | 7.5E+04 | -- | 3E-06 | -- |
| 24729 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.18 | Max | 7.7E+04 | -- | 2E-06 | -- |
| 24729 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00824 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-08 | 3E-11 |
| 24729 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0316 | 95UCL | 1.1E+04 | -- | 3E-06 | -- |
| 24729 PANAMA AVE | Benzene | µg/kg | 0.176 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24729 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.281 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24729 PANAMA AVE | Ethylbenzene | µg/kg | 0.15 | Max | 4.5E+06 | 5.1E+04 | 3E-08 | 3E-11 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24729 PANAMA AVE | Naphthalene | mg/kg | 0.0422 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-04 | 1E-08 |
| 24729 PANAMA AVE | Pyrene | mg/kg | 0.176 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 24729 PANAMA AVE | Tetrachloroethene | µg/kg | 0.26 | Max | 8.6E+04 | 1.0E+04 | 3E-06 | 3E-10 |
| 24729 PANAMA AVE | Toluene | µg/kg | 0.168 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24729 PANAMA AVE | TPH as Diesel | mg/kg | 345 | 95UCL | 1.9E+03 | -- | 2E-01 | -- |
| 24729 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0665 | 95UCL | 8.6E+02 | -- | 8E-05 | -- |
| 24729 PANAMA AVE | TPH as Motor Oil | mg/kg | 788.8 | 95UCL | 1.6E+05 | -- | 5E-03 | -- |
| 24729 PANAMA AVE | Xylenes, Total | µg/kg | 0.42 | Max | 4.7E+05 | -- | 9E-07 | -- |
| 24729 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.22 | Max | 7.5E+04 | -- | 3E-06 | -- |
| 24729 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.0039 | Max | 1.9E+05 | 2.7E+03 | 2E-08 | 2E-11 |
| 24729 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.00341 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 24729 RAVENNA AVE | Benzene | µg/kg | 0.184 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24729 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.32 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24729 RAVENNA AVE | Naphthalene | mg/kg | 0.0368 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-04 | 1E-08 |
| 24729 RAVENNA AVE | Pyrene | mg/kg | 0.0086 | 95UCL | 6.7E+04 | -- | 1E-07 | -- |
| 24729 RAVENNA AVE | Toluene | µg/kg | 0.391 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24729 RAVENNA AVE | TPH as Diesel | mg/kg | 89 | Max | 1.9E+03 | -- | 5E-02 | -- |
| 24729 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.096 | Max | 8.6E+02 | -- | 1E-04 | -- |
| 24729 RAVENNA AVE | TPH as Motor Oil | mg/kg | 320 | Max | 1.6E+05 | -- | 2E-03 | -- |
| 24729 RAVENNA AVE | Xylenes, Total | µg/kg | 0.28 | Max | 4.7E+05 | -- | 6E-07 | -- |
| 24732 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.297 | 95UCL | 7.5E+04 | -- | 4E-06 | -- |
| 24732 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.118 | 95UCL | 7.7E+04 | -- | 2E-06 | -- |
| 24732 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 9 | Max | 1.9E+05 | 2.7E+03 | 5E-05 | 3E-08 |
| 24732 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 1.467 | 95UCL | 1.1E+04 | -- | 1E-04 | -- |
| 24732 MARBELLA AVE | Benzene | µg/kg | 0.382 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-06 | 2E-09 |
| 24732 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.319 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24732 MARBELLA AVE | Ethylbenzene | µg/kg | 0.299 | 95UCL | 4.5E+06 | 5.1E+04 | 7E-08 | 6E-11 |
| 24732 MARBELLA AVE | Naphthalene | mg/kg | 0.337 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-03 | 9E-08 |
| 24732 MARBELLA AVE | Pyrene | mg/kg | 0.618 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24732 MARBELLA AVE | Toluene | µg/kg | 0.334 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24732 MARBELLA AVE | TPH as Diesel | mg/kg | 1897 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24732 MARBELLA AVE | TPH as Gasoline | mg/kg | 11.7 | 95UCL | 8.6E+02 | -- | 1E-02 | -- |
| 24732 MARBELLA AVE | TPH as Motor Oil | mg/kg | 3253 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24732 MARBELLA AVE | Xylenes, Total | µg/kg | 0.461 | 95UCL | 4.7E+05 | -- | 1E-06 | -- |
| 24732 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 8033 | 95UCL | 7.5E+04 | -- | 1E-01 | -- |
| 24732 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 6723 | 95UCL | 7.7E+04 | -- | 9E-02 | -- |
| 24732 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 7.68 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24732 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 18.6 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24732 NEPTUNE AVE | Benzene | µg/kg | 4697 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-02 | **2E-05** |
| 24732 NEPTUNE AVE | Ethylbenzene | µg/kg | 4314 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-03 | 9E-07 |
| 24732 NEPTUNE AVE | Naphthalene | mg/kg | 7.697 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24732 NEPTUNE AVE | Pyrene | mg/kg | 3.818 | 95UCL | 6.7E+04 | -- | 6E-05 | -- |
| 24732 NEPTUNE AVE | Toluene | µg/kg | 9975 | 95UCL | 1.6E+07 | -- | 6E-04 | -- |
| 24732 NEPTUNE AVE | TPH as Diesel | mg/kg | 4977 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24732 NEPTUNE AVE | TPH as Gasoline | mg/kg | 957.9 | 95UCL | 8.6E+02 | -- | 1E+00 | -- |
| 24732 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 6028 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24732 NEPTUNE AVE | Trichloroethene | µg/kg | 300 | Max | 5.5E+03 | 1.9E+04 | 6E-02 | 2E-07 |
| 24732 NEPTUNE AVE | Xylenes, Total | µg/kg | 17119 | 95UCL | 4.7E+05 | -- | 4E-02 | -- |
| 24732 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.114 | 95UCL | 8.3E+05 | 5.7E+03 | 1E-07 | 2E-10 |
| 24732 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.22 | Max | 7.5E+04 | -- | 3E-06 | -- |
| 24732 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.00613 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-08 | 2E-11 |
| 24732 PANAMA AVE | 2,4-Dinitrotoluene | mg/kg | 0.067 | Max | 6.3E+03 | 2.8E+02 | 1E-05 | 2E-09 |
| 24732 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0342 | 95UCL | 1.1E+04 | -- | 3E-06 | -- |
| 24732 PANAMA AVE | Benzene | µg/kg | 0.208 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24732 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.46 | Max | 6.3E+04 | 6.4E+03 | 7E-06 | 7E-10 |
| 24732 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.241 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24732 PANAMA AVE | Naphthalene | mg/kg | 0.0109 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-05 | 3E-09 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24732 PANAMA AVE | Pyrene | mg/kg | 0.368 | 95UCL | 6.7E+04 | -- | 6E-06 | -- |
| 24732 PANAMA AVE | Toluene | µg/kg | 0.186 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24732 PANAMA AVE | TPH as Diesel | mg/kg | 286 | 95UCL | 1.9E+03 | -- | 2E-01 | -- |
| 24732 PANAMA AVE | TPH as Gasoline | mg/kg | 0.22 | Max | 8.6E+02 | -- | 3E-04 | -- |
| 24732 PANAMA AVE | TPH as Motor Oil | mg/kg | 722.7 | 95UCL | 1.6E+05 | -- | 5E-03 | -- |
| 24732 PANAMA AVE | Xylenes, Total | µg/kg | 0.41 | Max | 4.7E+05 | -- | 9E-07 | -- |
| 24732 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 146.9 | 95UCL | 7.5E+04 | -- | 2E-03 | -- |
| 24732 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 15.28 | 95UCL | 7.7E+04 | -- | 2E-04 | -- |
| 24732 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.207 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-06 | 8E-10 |
| 24732 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.205 | 95UCL | 1.1E+04 | -- | 2E-05 | -- |
| 24732 RAVENNA AVE | Benzene | µg/kg | 0.201 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24732 RAVENNA AVE | Bromomethane | µg/kg | 270 | Max | 7.8E+03 | -- | 4E-02 | -- |
| 24732 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.28 | Max | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24732 RAVENNA AVE | Ethylbenzene | µg/kg | 71 | Max | 4.5E+06 | 5.1E+04 | 2E-05 | 1E-08 |
| 24732 RAVENNA AVE | Naphthalene | mg/kg | 0.103 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-04 | 3E-08 |
| 24732 RAVENNA AVE | Pyrene | mg/kg | 0.325 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24732 RAVENNA AVE | Toluene | µg/kg | 0.225 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24732 RAVENNA AVE | TPH as Diesel | mg/kg | 990.6 | 95UCL | 1.9E+03 | -- | 5E-01 | -- |
| 24732 RAVENNA AVE | TPH as Gasoline | mg/kg | 26.99 | 95UCL | 8.6E+02 | -- | 3E-02 | -- |
| 24732 RAVENNA AVE | TPH as Motor Oil | mg/kg | 1062 | 95UCL | 1.6E+05 | -- | 7E-03 | -- |
| 24732 RAVENNA AVE | Xylenes, Total | µg/kg | 17.25 | 95UCL | 4.7E+05 | -- | 4E-05 | -- |
| 24733 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.4 | Max | 7.5E+04 | -- | 5E-06 | -- |
| 24733 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.095 | Max | 7.7E+04 | -- | 1E-06 | -- |
| 24733 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.183 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-07 | 7E-10 |
| 24733 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.397 | 95UCL | 1.1E+04 | -- | 4E-05 | -- |
| 24733 MARBELLA AVE | Benzene | µg/kg | 0.467 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-06 | 2E-09 |
| 24733 MARBELLA AVE | Bromomethane | µg/kg | 1.6 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24733 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.246 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24733 MARBELLA AVE | Cobalt | mg/kg | 8.062 | 95UCL | 2.0E+02 | 1.1E+02 | 4E-02 | 7E-07 |
| 24733 MARBELLA AVE | Ethylbenzene | µg/kg | 280 | Max | 4.5E+06 | 5.1E+04 | 6E-05 | 6E-08 |
| 24733 MARBELLA AVE | Naphthalene | mg/kg | 1.112 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-03 | 3E-07 |
| 24733 MARBELLA AVE | Pyrene | mg/kg | 0.106 | 95UCL | 6.7E+04 | -- | 2E-06 | -- |
| 24733 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.27 | Max | 8.6E+04 | 1.0E+04 | 3E-06 | 3E-10 |
| 24733 MARBELLA AVE | Toluene | µg/kg | 0.182 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24733 MARBELLA AVE | TPH as Diesel | mg/kg | 574 | 95UCL | 1.9E+03 | -- | 3E-01 | -- |
| 24733 MARBELLA AVE | TPH as Gasoline | mg/kg | 123 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24733 MARBELLA AVE | TPH as Motor Oil | mg/kg | 527.9 | 95UCL | 1.6E+05 | -- | 3E-03 | -- |
| 24733 MARBELLA AVE | Xylenes, Total | µg/kg | 0.25 | Max | 4.7E+05 | -- | 5E-07 | -- |
| 24733 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.13 | Max | 7.5E+04 | -- | 2E-06 | -- |
| 24733 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0757 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-07 | 3E-10 |
| 24733 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.185 | 95UCL | 1.1E+04 | -- | 2E-05 | -- |
| 24733 PANAMA AVE | Benzene | µg/kg | 0.269 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24733 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.59 | Max | 6.3E+04 | 6.4E+03 | 9E-06 | 9E-10 |
| 24733 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.331 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24733 PANAMA AVE | Naphthalene | mg/kg | 0.0928 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-04 | 2E-08 |
| 24733 PANAMA AVE | Pyrene | mg/kg | 1.024 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24733 PANAMA AVE | Toluene | µg/kg | 1.042 | 95UCL | 1.6E+07 | -- | 6E-08 | -- |
| 24733 PANAMA AVE | TPH as Diesel | mg/kg | 757.8 | 95UCL | 1.9E+03 | -- | 4E-01 | -- |
| 24733 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0705 | 95UCL | 8.6E+02 | -- | 8E-05 | -- |
| 24733 PANAMA AVE | TPH as Motor Oil | mg/kg | 1582 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24733 PANAMA AVE | Xylenes, Total | µg/kg | 0.49 | Max | 4.7E+05 | -- | 1E-06 | -- |
| 24733 RAVENNA AVE | 1,2,3-Trichloropropane | µg/kg | 0.75 | Max | 2.0E+03 | 7.2E+03 | 4E-04 | 1E-09 |
| 24733 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.362 | 95UCL | 7.5E+04 | -- | 5E-06 | -- |
| 24733 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.292 | 95UCL | 7.7E+04 | -- | 4E-06 | -- |
| 24733 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 0.157 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-07 | 6E-10 |
| 24733 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 0.153 | 95UCL | 1.1E+04 | -- | 1E-05 | -- |
| 24733 RAVENNA AVE | Benzene | µg/kg | 0.333 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24733 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.98 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24733 RAVENNA AVE | Bromomethane | µg/kg | 1.028 | 95UCL | 7.8E+03 | -- | 1E-04 | -- |
| 24733 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.38 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24733 RAVENNA AVE | Ethylbenzene | µg/kg | 0.83 | Max | 4.5E+06 | 5.1E+04 | 2E-07 | 2E-10 |
| 24733 RAVENNA AVE | Naphthalene | mg/kg | 0.0281 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-04 | 7E-09 |
| 24733 RAVENNA AVE | Pyrene | mg/kg | 0.0827 | 95UCL | 6.7E+04 | -- | 1E-06 | -- |
| 24733 RAVENNA AVE | Tetrachloroethene | µg/kg | 0.29 | Max | 8.6E+04 | 1.0E+04 | 3E-06 | 3E-10 |
| 24733 RAVENNA AVE | Thallium | mg/kg | 0.291 | 95UCL | 7.7E+01 | -- | 4E-03 | -- |
| 24733 RAVENNA AVE | Toluene | µg/kg | 2.194 | 95UCL | 1.6E+07 | -- | 1E-07 | -- |
| 24733 RAVENNA AVE | TPH as Diesel | mg/kg | 519.7 | 95UCL | 1.9E+03 | -- | 3E-01 | -- |
| 24733 RAVENNA AVE | TPH as Gasoline | mg/kg | 0.196 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 24733 RAVENNA AVE | TPH as Motor Oil | mg/kg | 863.4 | 95UCL | 1.6E+05 | -- | 5E-03 | -- |
| 24733 RAVENNA AVE | Trichloroethene | µg/kg | 0.18 | Max | 5.5E+03 | 1.9E+04 | 3E-05 | 1E-10 |
| 24733 RAVENNA AVE | Xylenes, Total | µg/kg | 0.352 | 95UCL | 4.7E+05 | -- | 8E-07 | -- |
| 24735 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.919 | 95UCL | 7.5E+04 | -- | 1E-05 | -- |
| 24735 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.2 | Max | 7.7E+04 | -- | 2E-05 | -- |
| 24735 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0172 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-08 | 6E-11 |
| 24735 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0419 | 95UCL | 1.1E+04 | -- | 4E-06 | -- |
| 24735 NEPTUNE AVE | Benzene | µg/kg | 0.189 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24735 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24735 NEPTUNE AVE | Ethylbenzene | µg/kg | 2.1 | Max | 4.5E+06 | 5.1E+04 | 5E-07 | 4E-10 |
| 24735 NEPTUNE AVE | Naphthalene | mg/kg | 0.0216 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-04 | 6E-09 |
| 24735 NEPTUNE AVE | Pyrene | mg/kg | 0.298 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 24735 NEPTUNE AVE | Toluene | µg/kg | 0.539 | 95UCL | 1.6E+07 | -- | 3E-08 | -- |
| 24735 NEPTUNE AVE | TPH as Diesel | mg/kg | 1621 | 95UCL | 1.9E+03 | -- | 9E-01 | -- |
| 24735 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.133 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 24735 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3530 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24735 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.536 | 95UCL | 4.7E+05 | -- | 1E-06 | -- |
| 24736 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.32 | Max | 7.5E+04 | -- | 4E-06 | -- |
| 24736 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.022 | Max | 1.9E+05 | 2.7E+03 | 1E-07 | 8E-11 |
| 24736 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.00814 | 95UCL | 1.1E+04 | -- | 7E-07 | -- |
| 24736 MARBELLA AVE | Benzene | µg/kg | 0.263 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24736 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.258 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24736 MARBELLA AVE | Cobalt | mg/kg | 8.927 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24736 MARBELLA AVE | Ethylbenzene | µg/kg | 0.37 | Max | 4.5E+06 | 5.1E+04 | 8E-08 | 7E-11 |
| 24736 MARBELLA AVE | Naphthalene | mg/kg | 0.00361 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-05 | 9E-10 |
| 24736 MARBELLA AVE | Pyrene | mg/kg | 0.082 | 95UCL | 6.7E+04 | -- | 1E-06 | -- |
| 24736 MARBELLA AVE | Toluene | µg/kg | 0.268 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24736 MARBELLA AVE | TPH as Diesel | mg/kg | 136.5 | 95UCL | 1.9E+03 | -- | 7E-02 | -- |
| 24736 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.0918 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24736 MARBELLA AVE | TPH as Motor Oil | mg/kg | 438.3 | 95UCL | 1.6E+05 | -- | 3E-03 | -- |
| 24736 MARBELLA AVE | Xylenes, Total | µg/kg | 0.24 | Max | 4.7E+05 | -- | 5E-07 | -- |
| 24736 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1476 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24736 RAVENNA AVE | 1,2-Dichloropropane | µg/kg | 2.8 | Max | 1.2E+04 | 8.5E+03 | 2E-04 | 3E-09 |
| 24736 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 375.2 | 95UCL | 7.7E+04 | -- | 5E-03 | -- |
| 24736 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 7.392 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 24736 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 16.4 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24736 RAVENNA AVE | Benzene | µg/kg | 112.4 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-03 | 5E-07 |
| 24736 RAVENNA AVE | Ethylbenzene | µg/kg | 690.8 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 1E-07 |
| 24736 RAVENNA AVE | Naphthalene | mg/kg | 5.104 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 1E-06 |
| 24736 RAVENNA AVE | Pyrene | mg/kg | 1.252 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24736 RAVENNA AVE | Toluene | µg/kg | 17.29 | 95UCL | 1.6E+07 | -- | 1E-06 | -- |
| 24736 RAVENNA AVE | TPH as Diesel | mg/kg | 5527 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24736 RAVENNA AVE | TPH as Gasoline | mg/kg | 289 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24736 RAVENNA AVE | TPH as Motor Oil | mg/kg | 6060 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24736 RAVENNA AVE | Xylenes, Total | µg/kg | 551.7 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24737 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 42.12 | 95UCL | 7.5E+04 | -- | 6E-04 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24737 MARBELLA AVE | 1,3,5-Trimethylbenzene | µg/kg | 67 | Max | 7.7E+04 | -- | 9E-04 | -- |
| 24737 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 2.533 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 1E-08 |
| 24737 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 7.399 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 24737 MARBELLA AVE | Benzene | µg/kg | 6.619 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-04 | 3E-08 |
| 24737 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24737 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.427 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24737 MARBELLA AVE | Ethylbenzene | µg/kg | 26.33 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-06 | 5E-09 |
| 24737 MARBELLA AVE | Naphthalene | mg/kg | 2.603 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 7E-07 |
| 24737 MARBELLA AVE | Pyrene | mg/kg | 0.749 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24737 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.42 | Max | 8.6E+04 | 1.0E+04 | 5E-06 | 4E-10 |
| 24737 MARBELLA AVE | Toluene | µg/kg | 0.289 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24737 MARBELLA AVE | TPH as Diesel | mg/kg | 5141 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24737 MARBELLA AVE | TPH as Gasoline | mg/kg | 209 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24737 MARBELLA AVE | TPH as Motor Oil | mg/kg | 6435 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24737 MARBELLA AVE | Xylenes, Total | µg/kg | 210 | Max | 4.7E+05 | -- | 5E-04 | -- |
| 24738 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 13235 | 95UCL | 7.5E+04 | -- | 2E-01 | -- |
| 24738 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 3041 | 95UCL | 7.7E+04 | -- | 4E-02 | -- |
| 24738 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 9.694 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-05 | 4E-08 |
| 24738 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 23.75 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24738 NEPTUNE AVE | Benzene | µg/kg | 4470 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-02 | **2E-05** |
| 24738 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.171 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 3E-07 |
| 24738 NEPTUNE AVE | Ethylbenzene | µg/kg | 3625 | 95UCL | 4.5E+06 | 5.1E+04 | 8E-04 | 7E-07 |
| 24738 NEPTUNE AVE | Naphthalene | mg/kg | 8.857 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-02 | 2E-06 |
| 24738 NEPTUNE AVE | Pyrene | mg/kg | 2.631 | 95UCL | 6.7E+04 | -- | 4E-05 | -- |
| 24738 NEPTUNE AVE | Tetrachloroethene | µg/kg | 37 | Max | 8.6E+04 | 1.0E+04 | 4E-04 | 4E-08 |
| 24738 NEPTUNE AVE | Toluene | µg/kg | 10185 | 95UCL | 1.6E+07 | -- | 6E-04 | -- |
| 24738 NEPTUNE AVE | TPH as Diesel | mg/kg | 8002 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24738 NEPTUNE AVE | TPH as Gasoline | mg/kg | 1871 | 95UCL | 8.6E+02 | -- | **2E+00** | -- |
| 24738 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 8607 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24738 NEPTUNE AVE | Xylenes, Total | µg/kg | 28276 | 95UCL | 4.7E+05 | -- | 6E-02 | -- |
| 24738 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.36 | Max | 8.3E+05 | 5.7E+03 | 4E-07 | 6E-10 |
| 24738 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.371 | 95UCL | 7.5E+04 | -- | 5E-06 | -- |
| 24738 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.26 | Max | 7.7E+04 | -- | 3E-06 | -- |
| 24738 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.161 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-07 | 6E-10 |
| 24738 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.246 | 95UCL | 1.1E+04 | -- | 2E-05 | -- |
| 24738 PANAMA AVE | Benzene | µg/kg | 0.184 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24738 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.43 | Max | 6.3E+04 | 6.4E+03 | 7E-06 | 7E-10 |
| 24738 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.274 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24738 PANAMA AVE | Ethylbenzene | µg/kg | 0.472 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-07 | 9E-11 |
| 24738 PANAMA AVE | Naphthalene | mg/kg | 0.0452 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-04 | 1E-08 |
| 24738 PANAMA AVE | Pyrene | mg/kg | 3.992 | 95UCL | 6.7E+04 | -- | 6E-05 | -- |
| 24738 PANAMA AVE | Toluene | µg/kg | 0.292 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24738 PANAMA AVE | TPH as Diesel | mg/kg | 1976 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24738 PANAMA AVE | TPH as Gasoline | mg/kg | 89 | Max | 8.6E+02 | -- | 1E-01 | -- |
| 24738 PANAMA AVE | TPH as Motor Oil | mg/kg | 3578 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24738 PANAMA AVE | Trichloroethene | µg/kg | 0.25 | Max | 5.5E+03 | 1.9E+04 | 5E-05 | 1E-10 |
| 24738 PANAMA AVE | Xylenes, Total | µg/kg | 0.92 | 95UCL | 4.7E+05 | -- | 2E-06 | -- |
| 24739 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.248 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24739 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.18 | Max | 7.7E+04 | -- | 2E-06 | -- |
| 24739 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.0241 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-07 | 9E-11 |
| 24739 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0509 | 95UCL | 1.1E+04 | -- | 5E-06 | -- |
| 24739 NEPTUNE AVE | Benzene | µg/kg | 0.155 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 7E-10 |
| 24739 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.42 | Max | 6.3E+04 | 6.4E+03 | 7E-06 | 7E-10 |
| 24739 NEPTUNE AVE | Bromomethane | µg/kg | 2 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24739 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.261 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24739 NEPTUNE AVE | Naphthalene | mg/kg | 0.00735 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-05 | 2E-09 |
| 24739 NEPTUNE AVE | Pyrene | mg/kg | 0.408 | 95UCL | 6.7E+04 | -- | 6E-06 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24739 NEPTUNE AVE | Toluene | µg/kg | 0.184 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24739 NEPTUNE AVE | TPH as Diesel | mg/kg | 1415 | 95UCL | 1.9E+03 | -- | 7E-01 | -- |
| 24739 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0729 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 24739 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3197 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24739 NEPTUNE AVE | Trichloroethene | µg/kg | 0.18 | Max | 5.5E+03 | 1.9E+04 | 3E-05 | 1E-10 |
| 24739 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.208 | 95UCL | 4.7E+05 | -- | 4E-07 | -- |
| 24739 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 7473 | 95UCL | 7.5E+04 | -- | 1E-01 | -- |
| 24739 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 866 | 95UCL | 7.7E+04 | -- | 1E-02 | -- |
| 24739 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.5 | Max | 8.7E+06 | 2.8E+04 | 6E-08 | 2E-10 |
| 24739 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 6.084 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24739 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 9.747 | 95UCL | 1.1E+04 | -- | 9E-04 | -- |
| 24739 PANAMA AVE | Benzene | µg/kg | 248.2 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-03 | 1E-06 |
| 24739 PANAMA AVE | Bromomethane | µg/kg | 72.57 | 95UCL | 7.8E+03 | -- | 9E-03 | -- |
| 24739 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.24 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24739 PANAMA AVE | Ethylbenzene | µg/kg | 957.6 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24739 PANAMA AVE | Methylene Chloride | µg/kg | 5.21 | 95UCL | 1.2E+06 | 5.9E+04 | 4E-06 | 9E-10 |
| 24739 PANAMA AVE | Naphthalene | mg/kg | 5.346 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 1E-06 |
| 24739 PANAMA AVE | Pyrene | mg/kg | 1.003 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24739 PANAMA AVE | Toluene | µg/kg | 52.99 | 95UCL | 1.6E+07 | -- | 3E-06 | -- |
| 24739 PANAMA AVE | TPH as Diesel | mg/kg | 5246 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24739 PANAMA AVE | TPH as Gasoline | mg/kg | 638.7 | 95UCL | 8.6E+02 | -- | 7E-01 | -- |
| 24739 PANAMA AVE | TPH as Motor Oil | mg/kg | 12134 | 95UCL | 1.6E+05 | -- | 8E-02 | -- |
| 24739 PANAMA AVE | Xylenes, Total | µg/kg | 2431 | 95UCL | 4.7E+05 | -- | 5E-03 | -- |
| 24739 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 9412 | 95UCL | 7.5E+04 | -- | 1E-01 | -- |
| 24739 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1972 | 95UCL | 7.7E+04 | -- | 3E-02 | -- |
| 24739 RAVENNA AVE | 1,4-Dichlorobenzene | µg/kg | 0.36 | Max | 8.7E+06 | 2.8E+04 | 4E-08 | 1E-10 |
| 24739 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 27.5 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-04 | 1E-07 |
| 24739 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 41.49 | 95UCL | 1.1E+04 | -- | 4E-03 | -- |
| 24739 RAVENNA AVE | Benzene | µg/kg | 3386 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-02 | **2E-05** |
| 24739 RAVENNA AVE | Bromomethane | µg/kg | 270 | Max | 7.8E+03 | -- | 4E-02 | -- |
| 24739 RAVENNA AVE | Ethylbenzene | µg/kg | 6275 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-03 | 1E-06 |
| 24739 RAVENNA AVE | Naphthalene | mg/kg | 16.35 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-01 | 4E-06 |
| 24739 RAVENNA AVE | Pyrene | mg/kg | 3.993 | 95UCL | 6.7E+04 | -- | 6E-05 | -- |
| 24739 RAVENNA AVE | Toluene | µg/kg | 6369 | 95UCL | 1.6E+07 | -- | 4E-04 | -- |
| 24739 RAVENNA AVE | TPH as Diesel | mg/kg | 12401 | 95UCL | 1.9E+03 | -- | **7E+00** | -- |
| 24739 RAVENNA AVE | TPH as Gasoline | mg/kg | 1421 | 95UCL | 8.6E+02 | -- | **2E+00** | -- |
| 24739 RAVENNA AVE | TPH as Motor Oil | mg/kg | 12761 | 95UCL | 1.6E+05 | -- | 8E-02 | -- |
| 24739 RAVENNA AVE | Xylenes, Total | µg/kg | 15623 | 95UCL | 4.7E+05 | -- | 3E-02 | -- |
| 24740 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.499 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-06 | 2E-09 |
| 24740 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.181 | 95UCL | 1.1E+04 | -- | 2E-05 | -- |
| 24740 MARBELLA AVE | Benzene | µg/kg | 0.212 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 24740 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.3 | Max | 6.3E+04 | 6.4E+03 | 5E-06 | 5E-10 |
| 24740 MARBELLA AVE | Bromomethane | µg/kg | 1.753 | 95UCL | 7.8E+03 | -- | 2E-04 | -- |
| 24740 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.305 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24740 MARBELLA AVE | Ethylbenzene | µg/kg | 0.18 | Max | 4.5E+06 | 5.1E+04 | 4E-08 | 4E-11 |
| 24740 MARBELLA AVE | Naphthalene | mg/kg | 0.0195 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-04 | 5E-09 |
| 24740 MARBELLA AVE | Pyrene | mg/kg | 0.754 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24740 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.47 | Max | 8.6E+04 | 1.0E+04 | 6E-06 | 5E-10 |
| 24740 MARBELLA AVE | Toluene | µg/kg | 0.265 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24740 MARBELLA AVE | TPH as Diesel | mg/kg | 1449 | 95UCL | 1.9E+03 | -- | 8E-01 | -- |
| 24740 MARBELLA AVE | TPH as Gasoline | mg/kg | 85.02 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24740 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1313 | 95UCL | 1.6E+05 | -- | 8E-03 | -- |
| 24740 MARBELLA AVE | Xylenes, Total | µg/kg | 0.214 | 95UCL | 4.7E+05 | -- | 5E-07 | -- |
| 24741 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 0.0072 | Max | 1.9E+05 | 2.7E+03 | 4E-08 | 3E-11 |
| 24741 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.0123 | 95UCL | 1.1E+04 | -- | 1E-06 | -- |
| 24741 MARBELLA AVE | Bromomethane | µg/kg | 2.1 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24741 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.311 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |

**Table E-4**
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**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24741 MARBELLA AVE | Naphthalene | mg/kg | 0.00568 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-05 | 2E-09 |
| 24741 MARBELLA AVE | Pyrene | mg/kg | 0.0261 | 95UCL | 6.7E+04 | -- | 4E-07 | -- |
| 24741 MARBELLA AVE | Tetrachloroethene | µg/kg | 0.46 | Max | 8.6E+04 | 1.0E+04 | 5E-06 | 5E-10 |
| 24741 MARBELLA AVE | Toluene | µg/kg | 0.251 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24741 MARBELLA AVE | TPH as Diesel | mg/kg | 360.7 | 95UCL | 1.9E+03 | -- | 2E-01 | -- |
| 24741 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.21 | Max | 8.6E+02 | -- | 2E-04 | -- |
| 24741 MARBELLA AVE | TPH as Motor Oil | mg/kg | 1095 | 95UCL | 1.6E+05 | -- | 7E-03 | -- |
| 24743 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1526 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24743 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 468.7 | 95UCL | 7.7E+04 | -- | 6E-03 | -- |
| 24743 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 10.73 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-05 | 4E-08 |
| 24743 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 16.11 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24743 RAVENNA AVE | Benzene | µg/kg | 707.9 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-02 | 3E-06 |
| 24743 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 6.9 | Max | 6.3E+04 | 6.4E+03 | 1E-04 | 1E-08 |
| 24743 RAVENNA AVE | Bromomethane | µg/kg | 160 | Max | 7.8E+03 | -- | 2E-02 | -- |
| 24743 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.54 | 95UCL | 3.2E+03 | 6.7E+00 | 2E-04 | 8E-07 |
| 24743 RAVENNA AVE | Ethylbenzene | µg/kg | 633 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24743 RAVENNA AVE | Naphthalene | mg/kg | 5.979 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 2E-06 |
| 24743 RAVENNA AVE | Pyrene | mg/kg | 1.858 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24743 RAVENNA AVE | Toluene | µg/kg | 1147 | 95UCL | 1.6E+07 | -- | 7E-05 | -- |
| 24743 RAVENNA AVE | TPH as Diesel | mg/kg | 8659 | 95UCL | 1.9E+03 | -- | **5E+00** | -- |
| 24743 RAVENNA AVE | TPH as Gasoline | mg/kg | 271.2 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24743 RAVENNA AVE | TPH as Motor Oil | mg/kg | 13466 | 95UCL | 1.6E+05 | -- | 8E-02 | -- |
| 24743 RAVENNA AVE | Xylenes, Total | µg/kg | 1850 | 95UCL | 4.7E+05 | -- | 4E-03 | -- |
| 24744 MARBELLA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.31 | Max | 7.5E+04 | -- | 4E-06 | -- |
| 24744 MARBELLA AVE | 1-Methylnaphthalene | mg/kg | 1.037 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-06 | 4E-09 |
| 24744 MARBELLA AVE | 2-Methylnaphthalene | mg/kg | 0.872 | 95UCL | 1.1E+04 | -- | 8E-05 | -- |
| 24744 MARBELLA AVE | Benzene | µg/kg | 0.22 | Max | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 24744 MARBELLA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.25 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24744 MARBELLA AVE | Bromomethane | µg/kg | 2.5 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24744 MARBELLA AVE | Chromium, Hexavalent | mg/kg | 0.298 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24744 MARBELLA AVE | Naphthalene | mg/kg | 0.111 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-04 | 3E-08 |
| 24744 MARBELLA AVE | Pyrene | mg/kg | 0.598 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24744 MARBELLA AVE | Tetrachloroethene | µg/kg | 1.9 | Max | 8.6E+04 | 1.0E+04 | 2E-05 | 2E-09 |
| 24744 MARBELLA AVE | Toluene | µg/kg | 0.21 | Max | 1.6E+07 | -- | 1E-08 | -- |
| 24744 MARBELLA AVE | TPH as Diesel | mg/kg | 4009 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24744 MARBELLA AVE | TPH as Gasoline | mg/kg | 0.213 | 95UCL | 8.6E+02 | -- | 3E-04 | -- |
| 24744 MARBELLA AVE | TPH as Motor Oil | mg/kg | 7352 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24744 MARBELLA AVE | Trichloroethene | µg/kg | 0.91 | Max | 5.5E+03 | 1.9E+04 | 2E-04 | 5E-10 |
| 24748 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 447.8 | 95UCL | 7.5E+04 | -- | 6E-03 | -- |
| 24748 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 38.7 | 95UCL | 7.7E+04 | -- | 5E-04 | -- |
| 24748 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 11.96 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-05 | 5E-08 |
| 24748 RAVENNA AVE | 2,4-Dinitrotoluene | mg/kg | 0.074 | Max | 6.3E+03 | 2.8E+02 | 1E-05 | 3E-09 |
| 24748 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 17.42 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24748 RAVENNA AVE | Benzene | µg/kg | 44.72 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-04 | 2E-07 |
| 24748 RAVENNA AVE | Bromomethane | µg/kg | 1.6 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24748 RAVENNA AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24748 RAVENNA AVE | Ethylbenzene | µg/kg | 820.5 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24748 RAVENNA AVE | Naphthalene | mg/kg | 7.34 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24748 RAVENNA AVE | Pyrene | mg/kg | 1.479 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24748 RAVENNA AVE | Toluene | µg/kg | 3.529 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 24748 RAVENNA AVE | TPH as Diesel | mg/kg | 4224 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24748 RAVENNA AVE | TPH as Gasoline | mg/kg | 440 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24748 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4460 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24748 RAVENNA AVE | Xylenes, Total | µg/kg | 221.6 | 95UCL | 4.7E+05 | -- | 5E-04 | -- |
| 24749 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 812.7 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24749 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 103.8 | 95UCL | 7.7E+04 | -- | 1E-03 | -- |
| 24749 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 5.053 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24749 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 10.71 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24749 RAVENNA AVE | Benzene | µg/kg | 266.8 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-03 | 1E-06 |
| 24749 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.5 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 24749 RAVENNA AVE | Ethylbenzene | µg/kg | 578.7 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 24749 RAVENNA AVE | Naphthalene | mg/kg | 3.553 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 9E-07 |
| 24749 RAVENNA AVE | Pyrene | mg/kg | 1.672 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24749 RAVENNA AVE | Toluene | µg/kg | 0.516 | 95UCL | 1.6E+07 | -- | 3E-08 | -- |
| 24749 RAVENNA AVE | TPH as Diesel | mg/kg | 6826 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24749 RAVENNA AVE | TPH as Gasoline | mg/kg | 261.8 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24749 RAVENNA AVE | TPH as Motor Oil | mg/kg | 8955 | 95UCL | 1.6E+05 | -- | 6E-02 | -- |
| 24749 RAVENNA AVE | Xylenes, Total | µg/kg | 200.7 | 95UCL | 4.7E+05 | -- | 4E-04 | -- |
| 24752 RAVENNA AVE | 1,2,4-Trimethylbenzene | µg/kg | 998.8 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24752 RAVENNA AVE | 1,3,5-Trimethylbenzene | µg/kg | 62.38 | 95UCL | 7.7E+04 | -- | 8E-04 | -- |
| 24752 RAVENNA AVE | 1-Methylnaphthalene | mg/kg | 6.277 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24752 RAVENNA AVE | 2-Methylnaphthalene | mg/kg | 13.25 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24752 RAVENNA AVE | Benzene | µg/kg | 18.41 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-04 | 8E-08 |
| 24752 RAVENNA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.63 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24752 RAVENNA AVE | Bromomethane | µg/kg | 340 | Max | 7.8E+03 | -- | 4E-02 | -- |
| 24752 RAVENNA AVE | Ethylbenzene | µg/kg | 220.1 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-05 | 4E-08 |
| 24752 RAVENNA AVE | Naphthalene | mg/kg | 5.282 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 1E-06 |
| 24752 RAVENNA AVE | Pyrene | mg/kg | 0.992 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24752 RAVENNA AVE | Toluene | µg/kg | 5.522 | 95UCL | 1.6E+07 | -- | 3E-07 | -- |
| 24752 RAVENNA AVE | TPH as Diesel | mg/kg | 4161 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24752 RAVENNA AVE | TPH as Gasoline | mg/kg | 197.2 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24752 RAVENNA AVE | TPH as Motor Oil | mg/kg | 4568 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24752 RAVENNA AVE | Xylenes, Total | µg/kg | 283.5 | 95UCL | 4.7E+05 | -- | 6E-04 | -- |
| 24802 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.695 | 95UCL | 7.5E+04 | -- | 2E-05 | -- |
| 24802 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 1.313 | 95UCL | 7.7E+04 | -- | 2E-05 | -- |
| 24802 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.128 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-07 | 5E-10 |
| 24802 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.2 | 95UCL | 1.1E+04 | -- | 2E-05 | -- |
| 24802 PANAMA AVE | Benzene | µg/kg | 0.188 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24802 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 9.9 | Max | 6.3E+04 | 6.4E+03 | 2E-04 | 2E-08 |
| 24802 PANAMA AVE | Bromomethane | µg/kg | 160 | Max | 7.8E+03 | -- | 2E-02 | -- |
| 24802 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.27 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24802 PANAMA AVE | Ethylbenzene | µg/kg | 0.163 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-08 | 3E-11 |
| 24802 PANAMA AVE | Naphthalene | mg/kg | 0.0387 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-04 | 1E-08 |
| 24802 PANAMA AVE | Pyrene | mg/kg | 0.624 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24802 PANAMA AVE | Toluene | µg/kg | 1.087 | 95UCL | 1.6E+07 | -- | 7E-08 | -- |
| 24802 PANAMA AVE | TPH as Diesel | mg/kg | 1840 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24802 PANAMA AVE | TPH as Gasoline | mg/kg | 39.76 | 95UCL | 8.6E+02 | -- | 5E-02 | -- |
| 24802 PANAMA AVE | TPH as Motor Oil | mg/kg | 4040 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24802 PANAMA AVE | Trichloroethene | µg/kg | 0.36 | Max | 5.5E+03 | 1.9E+04 | 7E-05 | 2E-10 |
| 24802 PANAMA AVE | Xylenes, Total | µg/kg | 1.845 | 95UCL | 4.7E+05 | -- | 4E-06 | -- |
| 24803 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.228 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24803 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.092 | Max | 1.9E+05 | 2.7E+03 | 5E-07 | 3E-10 |
| 24803 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0371 | 95UCL | 1.1E+04 | -- | 3E-06 | -- |
| 24803 NEPTUNE AVE | Benzene | µg/kg | 0.216 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 24803 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.241 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24803 NEPTUNE AVE | Naphthalene | mg/kg | 0.00203 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-05 | 5E-10 |
| 24803 NEPTUNE AVE | Pyrene | mg/kg | 0.0974 | 95UCL | 6.7E+04 | -- | 2E-06 | -- |
| 24803 NEPTUNE AVE | Toluene | µg/kg | 0.269 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24803 NEPTUNE AVE | TPH as Diesel | mg/kg | 1216 | 95UCL | 1.9E+03 | -- | 6E-01 | -- |
| 24803 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.22 | Max | 8.6E+02 | -- | 3E-04 | -- |
| 24803 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 2770 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24803 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.58 | Max | 4.7E+05 | -- | 1E-06 | -- |
| 24803 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 3894 | 95UCL | 7.5E+04 | -- | 5E-02 | -- |
| 24803 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 980 | Max | 7.7E+04 | -- | 1E-02 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24803 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 10.59 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-05 | 4E-08 |
| 24803 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 16.41 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24803 PANAMA AVE | Benzene | µg/kg | 444.7 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-03 | 2E-06 |
| 24803 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.4 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24803 PANAMA AVE | Ethylbenzene | µg/kg | 2550 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-04 | 5E-07 |
| 24803 PANAMA AVE | Naphthalene | mg/kg | 6.172 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 2E-06 |
| 24803 PANAMA AVE | Pyrene | mg/kg | 1.093 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24803 PANAMA AVE | Toluene | µg/kg | 11.27 | 95UCL | 1.6E+07 | -- | 7E-07 | -- |
| 24803 PANAMA AVE | TPH as Diesel | mg/kg | 2568 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24803 PANAMA AVE | TPH as Gasoline | mg/kg | 271.1 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 24803 PANAMA AVE | TPH as Motor Oil | mg/kg | 3011 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24803 PANAMA AVE | Xylenes, Total | µg/kg | 1384 | 95UCL | 4.7E+05 | -- | 3E-03 | -- |
| 24808 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.016 | Max | 1.9E+05 | 2.7E+03 | 8E-08 | 6E-11 |
| 24808 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0206 | 95UCL | 1.1E+04 | -- | 2E-06 | -- |
| 24808 PANAMA AVE | Benzene | µg/kg | 0.453 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-06 | 2E-09 |
| 24808 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.14 | Max | 6.3E+04 | 6.4E+03 | 2E-06 | 2E-10 |
| 24808 PANAMA AVE | Cadmium | mg/kg | 0.371 | Max | 6.4E+02 | 2.4E+02 | 6E-04 | 2E-08 |
| 24808 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.556 | 95UCL | 3.2E+03 | 6.7E+00 | 2E-04 | 8E-07 |
| 24808 PANAMA AVE | Cobalt | mg/kg | 7.597 | 95UCL | 2.0E+02 | 1.1E+02 | 4E-02 | 7E-07 |
| 24808 PANAMA AVE | Copper | mg/kg | 10.14 | 95UCL | 3.1E+05 | -- | 3E-05 | -- |
| 24808 PANAMA AVE | Lead | mg/kg | 13.12 | 95UCL | 1.2E+03 | -- | 1E-02 | -- |
| 24808 PANAMA AVE | Naphthalene | mg/kg | 0.00937 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-05 | 2E-09 |
| 24808 PANAMA AVE | Pyrene | mg/kg | 0.0997 | 95UCL | 6.7E+04 | -- | 2E-06 | -- |
| 24808 PANAMA AVE | Toluene | µg/kg | 1.8 | Max | 1.6E+07 | -- | 1E-07 | -- |
| 24808 PANAMA AVE | TPH as Diesel | mg/kg | 326.3 | 95UCL | 1.9E+03 | -- | 2E-01 | -- |
| 24808 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0887 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24808 PANAMA AVE | TPH as Motor Oil | mg/kg | 806.5 | 95UCL | 1.6E+05 | -- | 5E-03 | -- |
| 24808 PANAMA AVE | Vanadium | mg/kg | 26.04 | 95UCL | 3.3E+03 | -- | 8E-03 | -- |
| 24808 PANAMA AVE | Xylenes, Total | µg/kg | 0.33 | Max | 4.7E+05 | -- | 7E-07 | -- |
| 24808 PANAMA AVE | Zinc | mg/kg | 40.24 | 95UCL | 2.3E+06 | -- | 2E-05 | -- |
| 24809 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.233 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24809 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.196 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-06 | 7E-10 |
| 24809 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0652 | 95UCL | 1.1E+04 | -- | 6E-06 | -- |
| 24809 NEPTUNE AVE | Benzene | µg/kg | 0.128 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 6E-10 |
| 24809 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.596 | 95UCL | 6.3E+04 | 6.4E+03 | 3E-05 | 3E-09 |
| 24809 NEPTUNE AVE | Bromomethane | µg/kg | 5.1 | Max | 7.8E+03 | -- | 7E-04 | -- |
| 24809 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.39 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 24809 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.14 | Max | 4.5E+06 | 5.1E+04 | 3E-08 | 3E-11 |
| 24809 NEPTUNE AVE | Naphthalene | mg/kg | 0.0181 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-04 | 5E-09 |
| 24809 NEPTUNE AVE | Pyrene | mg/kg | 0.585 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 24809 NEPTUNE AVE | Toluene | µg/kg | 1.081 | 95UCL | 1.6E+07 | -- | 7E-08 | -- |
| 24809 NEPTUNE AVE | TPH as Diesel | mg/kg | 1985 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24809 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.132 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 24809 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3129 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24809 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.53 | Max | 4.7E+05 | -- | 1E-06 | -- |
| 24809 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 4962 | 95UCL | 7.5E+04 | -- | 7E-02 | -- |
| 24809 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 617.8 | 95UCL | 7.7E+04 | -- | 8E-03 | -- |
| 24809 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 11.34 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-05 | 4E-08 |
| 24809 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 18.69 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 24809 PANAMA AVE | Benzene | µg/kg | 604 | 95UCL | 6.9E+04 | 2.2E+03 | 9E-03 | 3E-06 |
| 24809 PANAMA AVE | Bromomethane | µg/kg | 750 | Max | 7.8E+03 | -- | 1E-01 | -- |
| 24809 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.144 | 95UCL | 3.2E+03 | 6.7E+00 | 5E-05 | 2E-07 |
| 24809 PANAMA AVE | Ethylbenzene | µg/kg | 2463 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-04 | 5E-07 |
| 24809 PANAMA AVE | Naphthalene | mg/kg | 7.515 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 24809 PANAMA AVE | Pyrene | mg/kg | 1.298 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24809 PANAMA AVE | Toluene | µg/kg | 3.754 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |

**Table E-4**
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**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24809 PANAMA AVE | TPH as Diesel | mg/kg | 3779 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24809 PANAMA AVE | TPH as Gasoline | mg/kg | 691.2 | 95UCL | 8.6E+02 | -- | 8E-01 | -- |
| 24809 PANAMA AVE | TPH as Motor Oil | mg/kg | 4240 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24809 PANAMA AVE | Xylenes, Total | µg/kg | 2057 | 95UCL | 4.7E+05 | -- | 4E-03 | -- |
| 24812 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 0.36 | Max | 8.3E+05 | 5.7E+03 | 4E-07 | 6E-10 |
| 24812 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.157 | 95UCL | 7.5E+04 | -- | 2E-06 | -- |
| 24812 PANAMA AVE | 1,4-Dichlorobenzene | µg/kg | 0.17 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 6E-11 |
| 24812 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0184 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-07 | 7E-11 |
| 24812 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0537 | 95UCL | 1.1E+04 | -- | 5E-06 | -- |
| 24812 PANAMA AVE | Benzene | µg/kg | 0.151 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 7E-10 |
| 24812 PANAMA AVE | Bromomethane | µg/kg | 1.8 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24812 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.251 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24812 PANAMA AVE | Naphthalene | mg/kg | 0.0236 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-04 | 6E-09 |
| 24812 PANAMA AVE | Pyrene | mg/kg | 0.141 | 95UCL | 6.7E+04 | -- | 2E-06 | -- |
| 24812 PANAMA AVE | Toluene | µg/kg | 0.159 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24812 PANAMA AVE | TPH as Diesel | mg/kg | 528.4 | 95UCL | 1.9E+03 | -- | 3E-01 | -- |
| 24812 PANAMA AVE | TPH as Gasoline | mg/kg | 0.088 | Max | 8.6E+02 | -- | 1E-04 | -- |
| 24812 PANAMA AVE | TPH as Motor Oil | mg/kg | 1286 | 95UCL | 1.6E+05 | -- | 8E-03 | -- |
| 24812 PANAMA AVE | Xylenes, Total | µg/kg | 0.18 | Max | 4.7E+05 | -- | 4E-07 | -- |
| 24813 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 999.3 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 24813 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 230 | 95UCL | 7.7E+04 | -- | 3E-03 | -- |
| 24813 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 18.04 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-05 | 7E-08 |
| 24813 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 31.9 | 95UCL | 1.1E+04 | -- | 3E-03 | -- |
| 24813 PANAMA AVE | Benzene | µg/kg | 196.9 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-03 | 9E-07 |
| 24813 PANAMA AVE | Cobalt | mg/kg | 9.378 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 8E-07 |
| 24813 PANAMA AVE | Ethylbenzene | µg/kg | 908.2 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24813 PANAMA AVE | Naphthalene | mg/kg | 13.04 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-02 | 3E-06 |
| 24813 PANAMA AVE | Pyrene | mg/kg | 1.718 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 24813 PANAMA AVE | Toluene | µg/kg | 1.5 | Max | 1.6E+07 | -- | 9E-08 | -- |
| 24813 PANAMA AVE | TPH as Diesel | mg/kg | 5770 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 24813 PANAMA AVE | TPH as Gasoline | mg/kg | 153.3 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24813 PANAMA AVE | TPH as Motor Oil | mg/kg | 6351 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 24813 PANAMA AVE | Xylenes, Total | µg/kg | 463.2 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24815 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 79.12 | 95UCL | 7.5E+04 | -- | 1E-03 | -- |
| 24815 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 210 | Max | 7.7E+04 | -- | 3E-03 | -- |
| 24815 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 1.544 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-06 | 6E-09 |
| 24815 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 1.494 | 95UCL | 1.1E+04 | -- | 1E-04 | -- |
| 24815 NEPTUNE AVE | Benzene | µg/kg | 0.222 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 24815 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.55 | Max | 6.3E+04 | 6.4E+03 | 9E-06 | 9E-10 |
| 24815 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.3 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24815 NEPTUNE AVE | Ethylbenzene | µg/kg | 71 | Max | 4.5E+06 | 5.1E+04 | 2E-05 | 1E-08 |
| 24815 NEPTUNE AVE | Naphthalene | mg/kg | 0.145 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-03 | 4E-08 |
| 24815 NEPTUNE AVE | Pyrene | mg/kg | 1.2 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24815 NEPTUNE AVE | Toluene | µg/kg | 1.872 | 95UCL | 1.6E+07 | -- | 1E-07 | -- |
| 24815 NEPTUNE AVE | TPH as Diesel | mg/kg | 1742 | 95UCL | 1.9E+03 | -- | 9E-01 | -- |
| 24815 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.953 | 95UCL | 8.6E+02 | -- | 1E-03 | -- |
| 24815 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 3141 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24815 NEPTUNE AVE | Xylenes, Total | µg/kg | 29.08 | 95UCL | 4.7E+05 | -- | 6E-05 | -- |
| 24818 PANAMA AVE | 1,1,2,2-Tetrachloroethane | µg/kg | 420 | Max | 8.3E+05 | 5.7E+03 | 5E-04 | 7E-07 |
| 24818 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 144.6 | 95UCL | 7.5E+04 | -- | 2E-03 | -- |
| 24818 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 270 | Max | 7.7E+04 | -- | 4E-03 | -- |
| 24818 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 9.967 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-05 | 4E-08 |
| 24818 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 8.949 | 95UCL | 1.1E+04 | -- | 8E-04 | -- |
| 24818 PANAMA AVE | Benzene | µg/kg | 0.358 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |
| 24818 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.29 | Max | 6.3E+04 | 6.4E+03 | 5E-06 | 5E-10 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24818 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.299 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24818 PANAMA AVE | Ethylbenzene | µg/kg | 670 | Max | 4.5E+06 | 5.1E+04 | 2E-04 | 1E-07 |
| 24818 PANAMA AVE | Naphthalene | mg/kg | 1.287 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-03 | 3E-07 |
| 24818 PANAMA AVE | Pyrene | mg/kg | 20.76 | 95UCL | 6.7E+04 | -- | 3E-04 | -- |
| 24818 PANAMA AVE | Toluene | µg/kg | 5.434 | 95UCL | 1.6E+07 | -- | 3E-07 | -- |
| 24818 PANAMA AVE | TPH as Diesel | mg/kg | 7446 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24818 PANAMA AVE | TPH as Gasoline | mg/kg | 109.8 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24818 PANAMA AVE | TPH as Motor Oil | mg/kg | 10273 | 95UCL | 1.6E+05 | -- | 6E-02 | -- |
| 24818 PANAMA AVE | Xylenes, Total | µg/kg | 46.92 | 95UCL | 4.7E+05 | -- | 1E-04 | -- |
| 24819 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 1.3 | Max | 2.0E+03 | 7.2E+03 | 7E-04 | 2E-09 |
| 24819 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1713 | 95UCL | 7.5E+04 | -- | 2E-02 | -- |
| 24819 PANAMA AVE | 1,2-Dichloropropane | µg/kg | 90 | Max | 1.2E+04 | 8.5E+03 | 7E-03 | 1E-07 |
| 24819 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 260.2 | 95UCL | 7.7E+04 | -- | 3E-03 | -- |
| 24819 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 6.395 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 24819 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 10.51 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 24819 PANAMA AVE | Benzene | µg/kg | 350.5 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-03 | 2E-06 |
| 24819 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.9 | Max | 6.3E+04 | 6.4E+03 | 3E-05 | 3E-09 |
| 24819 PANAMA AVE | Bromomethane | µg/kg | 257.1 | 95UCL | 7.8E+03 | -- | 3E-02 | -- |
| 24819 PANAMA AVE | Ethylbenzene | µg/kg | 746.7 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 24819 PANAMA AVE | Naphthalene | mg/kg | 4.034 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-02 | 1E-06 |
| 24819 PANAMA AVE | Pyrene | mg/kg | 0.436 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24819 PANAMA AVE | Toluene | µg/kg | 8.253 | 95UCL | 1.6E+07 | -- | 5E-07 | -- |
| 24819 PANAMA AVE | TPH as Diesel | mg/kg | 3369 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24819 PANAMA AVE | TPH as Gasoline | mg/kg | 413.4 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 24819 PANAMA AVE | TPH as Motor Oil | mg/kg | 3640 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24819 PANAMA AVE | Xylenes, Total | µg/kg | 770.7 | 95UCL | 4.7E+05 | -- | 2E-03 | -- |
| 24822 PANAMA AVE | 1,2,3-Trichloropropane | µg/kg | 2 | Max | 2.0E+03 | 7.2E+03 | 1E-03 | 3E-09 |
| 24822 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 5.605 | 95UCL | 7.5E+04 | -- | 7E-05 | -- |
| 24822 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.311 | 95UCL | 7.7E+04 | -- | 4E-06 | -- |
| 24822 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 2.427 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 9E-09 |
| 24822 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 3.452 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 24822 PANAMA AVE | Benzene | µg/kg | 1.071 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-05 | 5E-09 |
| 24822 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.63 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 24822 PANAMA AVE | Bromomethane | µg/kg | 1.8 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 24822 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.275 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24822 PANAMA AVE | Ethylbenzene | µg/kg | 4.756 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-06 | 9E-10 |
| 24822 PANAMA AVE | Naphthalene | mg/kg | 0.94 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-03 | 2E-07 |
| 24822 PANAMA AVE | Pyrene | mg/kg | 0.848 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24822 PANAMA AVE | Toluene | µg/kg | 0.228 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24822 PANAMA AVE | TPH as Diesel | mg/kg | 6676 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 24822 PANAMA AVE | TPH as Gasoline | mg/kg | 34.46 | 95UCL | 8.6E+02 | -- | 4E-02 | -- |
| 24822 PANAMA AVE | TPH as Motor Oil | mg/kg | 11607 | 95UCL | 1.6E+05 | -- | 7E-02 | -- |
| 24822 PANAMA AVE | Xylenes, Total | µg/kg | 22.36 | 95UCL | 4.7E+05 | -- | 5E-05 | -- |
| 24823 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 490.5 | 95UCL | 7.5E+04 | -- | 7E-03 | -- |
| 24823 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 198 | 95UCL | 7.7E+04 | -- | 3E-03 | -- |
| 24823 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 3.049 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 24823 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 6.967 | 95UCL | 1.1E+04 | -- | 6E-04 | -- |
| 24823 PANAMA AVE | Benzene | µg/kg | 45.34 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-04 | 2E-07 |
| 24823 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.45 | Max | 6.3E+04 | 6.4E+03 | 7E-06 | 7E-10 |
| 24823 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.12 | 95UCL | 3.2E+03 | 6.7E+00 | 4E-05 | 2E-07 |
| 24823 PANAMA AVE | Ethylbenzene | µg/kg | 136.8 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-05 | 3E-08 |
| 24823 PANAMA AVE | Naphthalene | mg/kg | 2.344 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 6E-07 |
| 24823 PANAMA AVE | Pyrene | mg/kg | 0.984 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24823 PANAMA AVE | Toluene | µg/kg | 4.819 | 95UCL | 1.6E+07 | -- | 3E-07 | -- |
| 24823 PANAMA AVE | TPH as Diesel | mg/kg | 4581 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24823 PANAMA AVE | TPH as Gasoline | mg/kg | 116.4 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 24823 PANAMA AVE | TPH as Motor Oil | mg/kg | 4086 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 24823 PANAMA AVE | Xylenes, Total | µg/kg | 449.9 | 95UCL | 4.7E+05 | -- | 1E-03 | -- |
| 24825 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.192 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 24825 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.24 | Max | 8.7E+06 | 2.8E+04 | 3E-08 | 9E-11 |
| 24825 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.00323 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-08 | 1E-11 |
| 24825 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.0136 | 95UCL | 1.1E+04 | -- | 1E-06 | -- |
| 24825 NEPTUNE AVE | Benzene | µg/kg | 0.145 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 7E-10 |
| 24825 NEPTUNE AVE | Bromomethane | µg/kg | 2.724 | 95UCL | 7.8E+03 | -- | 4E-04 | -- |
| 24825 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.219 | 95UCL | 3.2E+03 | 6.7E+00 | 7E-05 | 3E-07 |
| 24825 NEPTUNE AVE | Naphthalene | mg/kg | 0.00745 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-05 | 2E-09 |
| 24825 NEPTUNE AVE | Pyrene | mg/kg | 0.0418 | 95UCL | 6.7E+04 | -- | 6E-07 | -- |
| 24825 NEPTUNE AVE | Tetrachloroethene | µg/kg | 0.28 | Max | 8.6E+04 | 1.0E+04 | 3E-06 | 3E-10 |
| 24825 NEPTUNE AVE | Toluene | µg/kg | 0.809 | 95UCL | 1.6E+07 | -- | 5E-08 | -- |
| 24825 NEPTUNE AVE | TPH as Diesel | mg/kg | 94.81 | 95UCL | 1.9E+03 | -- | 5E-02 | -- |
| 24825 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.238 | 95UCL | 8.6E+02 | -- | 3E-04 | -- |
| 24825 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 465.8 | 95UCL | 1.6E+05 | -- | 3E-03 | -- |
| 24825 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.29 | Max | 4.7E+05 | -- | 6E-07 | -- |
| 24828 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.4 | Max | 7.5E+04 | -- | 2E-05 | -- |
| 24828 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0228 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-07 | 9E-11 |
| 24828 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0546 | 95UCL | 1.1E+04 | -- | 5E-06 | -- |
| 24828 PANAMA AVE | Benzene | µg/kg | 0.179 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 24828 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.12 | Max | 6.3E+04 | 6.4E+03 | 2E-06 | 2E-10 |
| 24828 PANAMA AVE | Bromodichloromethane | µg/kg | 0.37 | Max | 4.9E+05 | 5.3E+03 | 8E-07 | 7E-10 |
| 24828 PANAMA AVE | Ethylbenzene | µg/kg | 0.79 | Max | 4.5E+06 | 5.1E+04 | 2E-07 | 2E-10 |
| 24828 PANAMA AVE | Methylene Chloride | µg/kg | 1.5 | Max | 1.2E+06 | 5.9E+04 | 1E-06 | 3E-10 |
| 24828 PANAMA AVE | Naphthalene | mg/kg | 0.00542 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-05 | 1E-09 |
| 24828 PANAMA AVE | Pyrene | mg/kg | 2.468 | 95UCL | 6.7E+04 | -- | 4E-05 | -- |
| 24828 PANAMA AVE | TPH as Diesel | mg/kg | 15101 | 95UCL | 1.9E+03 | -- | **8E+00** | -- |
| 24828 PANAMA AVE | TPH as Gasoline | mg/kg | 2.853 | 95UCL | 8.6E+02 | -- | 3E-03 | -- |
| 24828 PANAMA AVE | TPH as Motor Oil | mg/kg | 25488 | 95UCL | 1.6E+05 | -- | 2E-01 | -- |
| 24828 PANAMA AVE | Xylenes, Total | µg/kg | 1.8 | Max | 4.7E+05 | -- | 4E-06 | -- |
| 24829 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 570.7 | 95UCL | 7.5E+04 | -- | 8E-03 | -- |
| 24829 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 28.92 | 95UCL | 7.7E+04 | -- | 4E-04 | -- |
| 24829 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.942 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-06 | 4E-09 |
| 24829 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 2.326 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 24829 PANAMA AVE | Benzene | µg/kg | 12.22 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-04 | 6E-08 |
| 24829 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 22 | Max | 6.3E+04 | 6.4E+03 | 4E-04 | 3E-08 |
| 24829 PANAMA AVE | Bromomethane | µg/kg | 2.1 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24829 PANAMA AVE | Chromium, Hexavalent | mg/kg | 4.8 | Max | 3.2E+03 | 6.7E+00 | 2E-03 | 7E-06 |
| 24829 PANAMA AVE | Ethylbenzene | µg/kg | 68.25 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-05 | 1E-08 |
| 24829 PANAMA AVE | Naphthalene | mg/kg | 0.795 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-03 | 2E-07 |
| 24829 PANAMA AVE | Pyrene | mg/kg | 0.487 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 24829 PANAMA AVE | Toluene | µg/kg | 0.336 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24829 PANAMA AVE | TPH as Diesel | mg/kg | 1129 | 95UCL | 1.9E+03 | -- | 6E-01 | -- |
| 24829 PANAMA AVE | TPH as Gasoline | mg/kg | 40.37 | 95UCL | 8.6E+02 | -- | 5E-02 | -- |
| 24829 PANAMA AVE | TPH as Motor Oil | mg/kg | 1554 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24829 PANAMA AVE | Xylenes, Total | µg/kg | 153.6 | 95UCL | 4.7E+05 | -- | 3E-04 | -- |
| 24832 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.495 | 95UCL | 7.5E+04 | -- | 7E-06 | -- |
| 24832 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.147 | 95UCL | 7.7E+04 | -- | 2E-06 | -- |
| 24832 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0123 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-08 | 5E-11 |
| 24832 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.0732 | 95UCL | 1.1E+04 | -- | 7E-06 | -- |
| 24832 PANAMA AVE | Benzene | µg/kg | 0.196 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 24832 PANAMA AVE | Bromomethane | µg/kg | 2.1 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24832 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.29 | Max | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24832 PANAMA AVE | Ethylbenzene | µg/kg | 0.166 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-08 | 3E-11 |
| 24832 PANAMA AVE | Naphthalene | mg/kg | 0.0347 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-04 | 9E-09 |
| 24832 PANAMA AVE | Pyrene | mg/kg | 0.539 | 95UCL | 6.7E+04 | -- | 8E-06 | -- |
| 24832 PANAMA AVE | Toluene | µg/kg | 0.193 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 24832 PANAMA AVE | TPH as Diesel | mg/kg | 687.2 | 95UCL | 1.9E+03 | -- | 4E-01 | -- |
| 24832 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0928 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24832 PANAMA AVE | TPH as Motor Oil | mg/kg | 1110 | 95UCL | 1.6E+05 | -- | 7E-03 | -- |
| 24832 PANAMA AVE | Vinyl Chloride | µg/kg | 0.292 | 95UCL | 8.7E+04 | 3.1E+02 | 3E-06 | 9E-09 |
| 24832 PANAMA AVE | Xylenes, Total | µg/kg | 0.468 | 95UCL | 4.7E+05 | -- | 1E-06 | -- |
| 24833 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 2838 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 24833 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 451.3 | 95UCL | 7.7E+04 | -- | 6E-03 | -- |
| 24833 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 1.572 | 95UCL | 1.9E+05 | 2.7E+03 | 8E-06 | 6E-09 |
| 24833 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 4.292 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 24833 PANAMA AVE | Benzene | µg/kg | 88.7 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 4E-07 |
| 24833 PANAMA AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.24 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 24833 PANAMA AVE | Bromomethane | µg/kg | 2 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 24833 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.24 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 24833 PANAMA AVE | Ethylbenzene | µg/kg | 662.9 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 1E-07 |
| 24833 PANAMA AVE | Naphthalene | mg/kg | 1.928 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 5E-07 |
| 24833 PANAMA AVE | Pyrene | mg/kg | 0.877 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 24833 PANAMA AVE | Toluene | µg/kg | 14.8 | 95UCL | 1.6E+07 | -- | 9E-07 | -- |
| 24833 PANAMA AVE | TPH as Diesel | mg/kg | 2277 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 24833 PANAMA AVE | TPH as Gasoline | mg/kg | 171.7 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 24833 PANAMA AVE | TPH as Motor Oil | mg/kg | 2732 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 24833 PANAMA AVE | Xylenes, Total | µg/kg | 2971 | 95UCL | 4.7E+05 | -- | 6E-03 | -- |
| 24838 PANAMA AVE | 1,2,4-Trimethylbenzene | µg/kg | 0.32 | 95UCL | 7.5E+04 | -- | 4E-06 | -- |
| 24838 PANAMA AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.15 | Max | 7.7E+04 | -- | 2E-06 | -- |
| 24838 PANAMA AVE | 1-Methylnaphthalene | mg/kg | 0.0137 | 95UCL | 1.9E+05 | 2.7E+03 | 7E-08 | 5E-11 |
| 24838 PANAMA AVE | 2-Methylnaphthalene | mg/kg | 0.119 | 95UCL | 1.1E+04 | -- | 1E-05 | -- |
| 24838 PANAMA AVE | Benzene | µg/kg | 0.3 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 24838 PANAMA AVE | Chromium, Hexavalent | mg/kg | 0.299 | 95UCL | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24838 PANAMA AVE | Ethylbenzene | µg/kg | 0.2 | Max | 4.5E+06 | 5.1E+04 | 4E-08 | 4E-11 |
| 24838 PANAMA AVE | Methylene Chloride | µg/kg | 29 | Max | 1.2E+06 | 5.9E+04 | 2E-05 | 5E-09 |
| 24838 PANAMA AVE | Naphthalene | mg/kg | 0.0176 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-04 | 5E-09 |
| 24838 PANAMA AVE | Pyrene | mg/kg | 1.065 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 24838 PANAMA AVE | Toluene | µg/kg | 0.252 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24838 PANAMA AVE | TPH as Diesel | mg/kg | 3355 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 24838 PANAMA AVE | TPH as Gasoline | mg/kg | 0.0868 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 24838 PANAMA AVE | TPH as Motor Oil | mg/kg | 8022 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 24838 PANAMA AVE | Xylenes, Total | µg/kg | 0.246 | 95UCL | 4.7E+05 | -- | 5E-07 | -- |
| 24904 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 1.178 | 95UCL | 7.5E+04 | -- | 2E-05 | -- |
| 24904 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 0.205 | 95UCL | 7.7E+04 | -- | 3E-06 | -- |
| 24904 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.493 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-06 | 2E-09 |
| 24904 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.737 | 95UCL | 1.1E+04 | -- | 7E-05 | -- |
| 24904 NEPTUNE AVE | Benzene | µg/kg | 0.225 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 24904 NEPTUNE AVE | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 24904 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.34 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 24904 NEPTUNE AVE | Ethylbenzene | µg/kg | 0.944 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-07 | 2E-10 |
| 24904 NEPTUNE AVE | Naphthalene | mg/kg | 0.204 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-03 | 5E-08 |
| 24904 NEPTUNE AVE | Pyrene | mg/kg | 0.549 | 95UCL | 6.7E+04 | -- | 8E-06 | -- |
| 24904 NEPTUNE AVE | Toluene | µg/kg | 0.265 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24904 NEPTUNE AVE | TPH as Diesel | mg/kg | 1025 | 95UCL | 1.9E+03 | -- | 5E-01 | -- |
| 24904 NEPTUNE AVE | TPH as Gasoline | mg/kg | 5.832 | 95UCL | 8.6E+02 | -- | 7E-03 | -- |
| 24904 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 1867 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 24904 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.787 | 95UCL | 4.7E+05 | -- | 2E-06 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24912 NEPTUNE AVE | 1,2,3-Trichloropropane | µg/kg | 0.71 | Max | 2.0E+03 | 7.2E+03 | 4E-04 | 1E-09 |
| 24912 NEPTUNE AVE | 1,2,4-Trimethylbenzene | µg/kg | 4.28 | 95UCL | 7.5E+04 | -- | 6E-05 | -- |
| 24912 NEPTUNE AVE | 1,3,5-Trimethylbenzene | µg/kg | 7.9 | Max | 7.7E+04 | -- | 1E-04 | -- |
| 24912 NEPTUNE AVE | 1,4-Dichlorobenzene | µg/kg | 0.2 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 24912 NEPTUNE AVE | 1-Methylnaphthalene | mg/kg | 0.094 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-07 | 4E-10 |
| 24912 NEPTUNE AVE | 2-Methylnaphthalene | mg/kg | 0.139 | 95UCL | 1.1E+04 | -- | 1E-05 | -- |
| 24912 NEPTUNE AVE | Benzene | µg/kg | 0.319 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 1E-09 |
| 24912 NEPTUNE AVE | Bromomethane | µg/kg | 3.3 | Max | 7.8E+03 | -- | 4E-04 | -- |
| 24912 NEPTUNE AVE | Chromium, Hexavalent | mg/kg | 0.268 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 24912 NEPTUNE AVE | Ethylbenzene | µg/kg | 4.089 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-07 | 8E-10 |
| 24912 NEPTUNE AVE | Naphthalene | mg/kg | 0.0344 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-04 | 9E-09 |
| 24912 NEPTUNE AVE | Pyrene | mg/kg | 0.205 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 24912 NEPTUNE AVE | Toluene | µg/kg | 0.326 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 24912 NEPTUNE AVE | TPH as Diesel | mg/kg | 464.1 | 95UCL | 1.9E+03 | -- | 2E-01 | -- |
| 24912 NEPTUNE AVE | TPH as Gasoline | mg/kg | 0.0739 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 24912 NEPTUNE AVE | TPH as Motor Oil | mg/kg | 804.4 | 95UCL | 1.6E+05 | -- | 5E-03 | -- |
| 24912 NEPTUNE AVE | Xylenes, Total | µg/kg | 0.876 | 95UCL | 4.7E+05 | -- | 2E-06 | -- |
| 301 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.432 | 95UCL | 7.5E+04 | -- | 6E-06 | -- |
| 301 244TH ST | 1-Methylnaphthalene | mg/kg | 0.00751 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-08 | 3E-11 |
| 301 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0214 | 95UCL | 1.1E+04 | -- | 2E-06 | -- |
| 301 244TH ST | Benzene | µg/kg | 0.241 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 301 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.493 | 95UCL | 6.3E+04 | 6.4E+03 | 8E-06 | 8E-10 |
| 301 244TH ST | Chromium, Hexavalent | mg/kg | 0.66 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 1E-06 |
| 301 244TH ST | Cobalt | mg/kg | 11.74 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 301 244TH ST | Naphthalene | mg/kg | 0.00946 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-05 | 2E-09 |
| 301 244TH ST | Pyrene | mg/kg | 0.168 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 301 244TH ST | Tetrachloroethene | µg/kg | 0.62 | Max | 8.6E+04 | 1.0E+04 | 7E-06 | 6E-10 |
| 301 244TH ST | Toluene | µg/kg | 0.335 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 301 244TH ST | TPH as Diesel | mg/kg | 146.4 | 95UCL | 1.9E+03 | -- | 8E-02 | -- |
| 301 244TH ST | TPH as Gasoline | mg/kg | 0.098 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 301 244TH ST | TPH as Motor Oil | mg/kg | 365.3 | 95UCL | 1.6E+05 | -- | 2E-03 | -- |
| 301 244TH ST | Xylenes, Total | µg/kg | 0.37 | Max | 4.7E+05 | -- | 8E-07 | -- |
| 305 244TH ST | 1,2,3-Trichloropropane | µg/kg | 0.6 | Max | 2.0E+03 | 7.2E+03 | 3E-04 | 8E-10 |
| 305 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 670 | Max | 7.5E+04 | -- | 9E-03 | -- |
| 305 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 210 | Max | 7.7E+04 | -- | 3E-03 | -- |
| 305 244TH ST | 1-Methylnaphthalene | mg/kg | 2.024 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 8E-09 |
| 305 244TH ST | 2-Methylnaphthalene | mg/kg | 2.38 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 305 244TH ST | Benzene | µg/kg | 0.157 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 7E-10 |
| 305 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 2.4 | Max | 6.3E+04 | 6.4E+03 | 4E-05 | 4E-09 |
| 305 244TH ST | Bromomethane | µg/kg | 1.7 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 305 244TH ST | Chromium, Hexavalent | mg/kg | 0.254 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 305 244TH ST | Cobalt | mg/kg | 11.34 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 305 244TH ST | Ethylbenzene | µg/kg | 120 | Max | 4.5E+06 | 5.1E+04 | 3E-05 | 2E-08 |
| 305 244TH ST | Naphthalene | mg/kg | 0.142 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-03 | 4E-08 |
| 305 244TH ST | Pyrene | mg/kg | 10.96 | 95UCL | 6.7E+04 | -- | 2E-04 | -- |
| 305 244TH ST | Tetrachloroethene | µg/kg | 0.48 | Max | 8.6E+04 | 1.0E+04 | 6E-06 | 5E-10 |
| 305 244TH ST | Toluene | µg/kg | 9.085 | 95UCL | 1.6E+07 | -- | 6E-07 | -- |
| 305 244TH ST | TPH as Diesel | mg/kg | 13460 | 95UCL | 1.9E+03 | -- | **7E+00** | -- |
| 305 244TH ST | TPH as Gasoline | mg/kg | 9.395 | 95UCL | 8.6E+02 | -- | 1E-02 | -- |
| 305 244TH ST | TPH as Motor Oil | mg/kg | 27368 | 95UCL | 1.6E+05 | -- | 2E-01 | -- |
| 305 244TH ST | Xylenes, Total | µg/kg | 670 | Max | 4.7E+05 | -- | 1E-03 | -- |
| 311 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 477.3 | 95UCL | 7.5E+04 | -- | 6E-03 | -- |
| 311 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 37.48 | 95UCL | 7.7E+04 | -- | 5E-04 | -- |
| 311 244TH ST | 1-Methylnaphthalene | mg/kg | 8.199 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-05 | 3E-08 |
| 311 244TH ST | 2-Methylnaphthalene | mg/kg | 14.61 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 311 244TH ST | Benzene | µg/kg | 14.97 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-04 | 7E-08 |
| 311 244TH ST | Benzo (a) Anthracene | mg/kg | 6.028 | 95UCL | -- | 2.6E+02 | -- | 2E-07 |
| 311 244TH ST | Benzo (a) Pyrene | mg/kg | 3.193 | 95UCL | -- | 2.6E+01 | -- | 1E-06 |
| 311 244TH ST | Benzo (b) Fluoranthene | mg/kg | 1.92 | 95UCL | -- | 2.6E+02 | -- | 7E-08 |
| 311 244TH ST | Benzo (k) Fluoranthene | mg/kg | 0.00678 | 95UCL | -- | 2.6E+02 | -- | 3E-10 |
| 311 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.334 | 95UCL | 6.3E+04 | 6.4E+03 | 5E-06 | 5E-10 |
| 311 244TH ST | Bromomethane | µg/kg | 2.1 | Max | 7.8E+03 | -- | 3E-04 | -- |
| 311 244TH ST | Chromium, Hexavalent | mg/kg | 0.182 | 95UCL | 3.2E+03 | 6.7E+00 | 6E-05 | 3E-07 |
| 311 244TH ST | Chrysene | mg/kg | 16.88 | 95UCL | -- | 2.6E+03 | -- | 7E-08 |
| 311 244TH ST | Cobalt | mg/kg | 9.628 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 311 244TH ST | Dibenz (a,h) Anthracene | mg/kg | 0.0144 | 95UCL | -- | 1.9E+01 | -- | 8E-09 |
| 311 244TH ST | Ethylbenzene | µg/kg | 74.46 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-05 | 2E-08 |
| 311 244TH ST | Indeno (1,2,3-c,d) Pyrene | mg/kg | 0.258 | 95UCL | -- | 2.6E+02 | -- | 1E-08 |
| 311 244TH ST | Naphthalene | mg/kg | 2.66 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 7E-07 |
| 311 244TH ST | Pyrene | mg/kg | 30.89 | 95UCL | 6.7E+04 | -- | 5E-04 | -- |
| 311 244TH ST | Toluene | µg/kg | 35.7 | 95UCL | 1.6E+07 | -- | 2E-06 | -- |
| 311 244TH ST | TPH as Diesel | mg/kg | 26022 | 95UCL | 1.9E+03 | -- | **1E+01** | -- |
| 311 244TH ST | TPH as Gasoline | mg/kg | 72.65 | 95UCL | 8.6E+02 | -- | 8E-02 | -- |
| 311 244TH ST | TPH as Motor Oil | mg/kg | 51311 | 95UCL | 1.6E+05 | -- | 3E-01 | -- |
| 311 244TH ST | Vanadium | mg/kg | 35.17 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 311 244TH ST | Xylenes, Total | µg/kg | 208.8 | 95UCL | 4.7E+05 | -- | 4E-04 | -- |
| 317 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.144 | 95UCL | 7.5E+04 | -- | 2E-06 | -- |
| 317 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.16 | Max | 7.7E+04 | -- | 2E-06 | -- |
| 317 244TH ST | 1-Methylnaphthalene | mg/kg | 3.17 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 317 244TH ST | 2-Methylnaphthalene | mg/kg | 2.66 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 317 244TH ST | Benzene | µg/kg | 0.235 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 317 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.64 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 317 244TH ST | Bromodichloromethane | µg/kg | 1.1 | Max | 4.9E+05 | 5.3E+03 | 2E-06 | 2E-09 |
| 317 244TH ST | Cobalt | mg/kg | 10.36 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 317 244TH ST | Naphthalene | mg/kg | 0.217 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-03 | 6E-08 |
| 317 244TH ST | Pyrene | mg/kg | 20.84 | 95UCL | 6.7E+04 | -- | 3E-04 | -- |
| 317 244TH ST | Toluene | µg/kg | 0.264 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 317 244TH ST | TPH as Diesel | mg/kg | 12384 | 95UCL | 1.9E+03 | -- | **7E+00** | -- |
| 317 244TH ST | TPH as Gasoline | mg/kg | 0.207 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 317 244TH ST | TPH as Motor Oil | mg/kg | 23974 | 95UCL | 1.6E+05 | -- | 2E-01 | -- |
| 317 244TH ST | Xylenes, Total | µg/kg | 0.31 | Max | 4.7E+05 | -- | 7E-07 | -- |
| 321 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.19 | Max | 7.5E+04 | -- | 3E-06 | -- |
| 321 244TH ST | 1-Methylnaphthalene | mg/kg | 0.00352 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-08 | 1E-11 |
| 321 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00801 | 95UCL | 1.1E+04 | -- | 7E-07 | -- |
| 321 244TH ST | Benzene | µg/kg | 0.202 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 321 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.19 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 321 244TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 321 244TH ST | Cobalt | mg/kg | 12.32 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 321 244TH ST | Naphthalene | mg/kg | 0.00367 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-05 | 9E-10 |
| 321 244TH ST | Pyrene | mg/kg | 0.0361 | 95UCL | 6.7E+04 | -- | 5E-07 | -- |
| 321 244TH ST | Toluene | µg/kg | 0.824 | 95UCL | 1.6E+07 | -- | 5E-08 | -- |
| 321 244TH ST | TPH as Diesel | mg/kg | 36.66 | 95UCL | 1.9E+03 | -- | 2E-02 | -- |
| 321 244TH ST | TPH as Gasoline | mg/kg | 0.0777 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 321 244TH ST | TPH as Motor Oil | mg/kg | 157.8 | 95UCL | 1.6E+05 | -- | 1E-03 | -- |
| 321 244TH ST | Vanadium | mg/kg | 43.2 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 321 244TH ST | Xylenes, Total | µg/kg | 0.72 | Max | 4.7E+05 | -- | 2E-06 | -- |
| 327 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00264 | 95UCL | 1.1E+04 | -- | 2E-07 | -- |
| 327 244TH ST | Benzene | µg/kg | 0.147 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 7E-10 |
| 327 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 327 244TH ST | Chromium, Hexavalent | mg/kg | 0.76 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 1E-06 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 327 244TH ST | Cobalt | mg/kg | 11.46 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 327 244TH ST | Naphthalene | mg/kg | 0.0046 | Max | 1.4E+02 | 3.9E+01 | 3E-05 | 1E-09 |
| 327 244TH ST | Pyrene | mg/kg | 0.0064 | 95UCL | 6.7E+04 | -- | 1E-07 | -- |
| 327 244TH ST | Toluene | µg/kg | 0.23 | Max | 1.6E+07 | -- | 1E-08 | -- |
| 327 244TH ST | TPH as Diesel | mg/kg | 64.75 | 95UCL | 1.9E+03 | -- | 3E-02 | -- |
| 327 244TH ST | TPH as Gasoline | mg/kg | 0.056 | Max | 8.6E+02 | -- | 7E-05 | -- |
| 327 244TH ST | TPH as Motor Oil | mg/kg | 124.6 | 95UCL | 1.6E+05 | -- | 8E-04 | -- |
| 327 244TH ST | Vanadium | mg/kg | 43.76 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 331 244TH ST | 1-Methylnaphthalene | mg/kg | 0.004 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-08 | 2E-11 |
| 331 244TH ST | 2,4-Dinitrotoluene | mg/kg | 0.34 | Max | 6.3E+03 | 2.8E+02 | 5E-05 | 1E-08 |
| 331 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00627 | 95UCL | 1.1E+04 | -- | 6E-07 | -- |
| 331 244TH ST | Benzene | µg/kg | 0.221 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 331 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.73 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 331 244TH ST | Chromium, Hexavalent | mg/kg | 0.6 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 9E-07 |
| 331 244TH ST | Cobalt | mg/kg | 11.99 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 331 244TH ST | Naphthalene | mg/kg | 0.00387 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-05 | 1E-09 |
| 331 244TH ST | Pyrene | mg/kg | 0.167 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 331 244TH ST | Toluene | µg/kg | 0.235 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 331 244TH ST | TPH as Diesel | mg/kg | 64.04 | 95UCL | 1.9E+03 | -- | 3E-02 | -- |
| 331 244TH ST | TPH as Gasoline | mg/kg | 0.0751 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 331 244TH ST | TPH as Motor Oil | mg/kg | 234.3 | 95UCL | 1.6E+05 | -- | 2E-03 | -- |
| 331 244TH ST | Vanadium | mg/kg | 41.43 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 337 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.19 | Max | 7.5E+04 | -- | 3E-06 | -- |
| 337 244TH ST | 1-Methylnaphthalene | mg/kg | 0.00311 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-08 | 1E-11 |
| 337 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0053 | 95UCL | 1.1E+04 | -- | 5E-07 | -- |
| 337 244TH ST | Benzene | µg/kg | 0.183 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 337 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.361 | 95UCL | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 337 244TH ST | Chromium, Hexavalent | mg/kg | 0.3 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 337 244TH ST | Cobalt | mg/kg | 10.51 | 95UCL | 2.0E+02 | 1.1E+02 | 5E-02 | 9E-07 |
| 337 244TH ST | Ethylbenzene | µg/kg | 0.35 | Max | 4.5E+06 | 5.1E+04 | 8E-08 | 7E-11 |
| 337 244TH ST | Naphthalene | mg/kg | 0.00528 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-05 | 1E-09 |
| 337 244TH ST | Pyrene | mg/kg | 0.0181 | 95UCL | 6.7E+04 | -- | 3E-07 | -- |
| 337 244TH ST | Toluene | µg/kg | 0.238 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 337 244TH ST | TPH as Diesel | mg/kg | 403.8 | 95UCL | 1.9E+03 | -- | 2E-01 | -- |
| 337 244TH ST | TPH as Gasoline | mg/kg | 1.153 | 95UCL | 8.6E+02 | -- | 1E-03 | -- |
| 337 244TH ST | TPH as Motor Oil | mg/kg | 504.5 | 95UCL | 1.6E+05 | -- | 3E-03 | -- |
| 337 244TH ST | Vanadium | mg/kg | 38.82 | 95UCL | 3.3E+03 | -- | 1E-02 | -- |
| 337 244TH ST | Xylenes, Total | µg/kg | 0.2 | Max | 4.7E+05 | -- | 4E-07 | -- |
| 341 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.152 | 95UCL | 7.5E+04 | -- | 2E-06 | -- |
| 341 244TH ST | 1,4-Dichlorobenzene | µg/kg | 0.29 | Max | 8.7E+06 | 2.8E+04 | 3E-08 | 1E-10 |
| 341 244TH ST | 1-Methylnaphthalene | mg/kg | 0.00246 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-08 | 9E-12 |
| 341 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00294 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 341 244TH ST | Benzene | µg/kg | 0.21 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |
| 341 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.86 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 341 244TH ST | Bromomethane | µg/kg | 13 | Max | 7.8E+03 | -- | 2E-03 | -- |
| 341 244TH ST | Chromium, Hexavalent | mg/kg | 0.56 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 8E-07 |
| 341 244TH ST | Cobalt | mg/kg | 11.33 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 341 244TH ST | Ethylbenzene | µg/kg | 0.16 | Max | 4.5E+06 | 5.1E+04 | 4E-08 | 3E-11 |
| 341 244TH ST | Naphthalene | mg/kg | 0.00177 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-05 | 5E-10 |
| 341 244TH ST | Pyrene | mg/kg | 0.0348 | 95UCL | 6.7E+04 | -- | 5E-07 | -- |
| 341 244TH ST | Toluene | µg/kg | 0.2 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 341 244TH ST | TPH as Diesel | mg/kg | 35.68 | 95UCL | 1.9E+03 | -- | 2E-02 | -- |
| 341 244TH ST | TPH as Gasoline | mg/kg | 0.075 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 341 244TH ST | TPH as Motor Oil | mg/kg | 84.26 | 95UCL | 1.6E+05 | -- | 5E-04 | -- |
| 341 244TH ST | Xylenes, Total | µg/kg | 0.45 | Max | 4.7E+05 | -- | 1E-06 | -- |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 344 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 9.086 | 95UCL | 7.5E+04 | -- | 1E-04 | -- |
| 344 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 1.532 | 95UCL | 7.7E+04 | -- | 2E-05 | -- |
| 344 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0603 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-07 | 2E-10 |
| 344 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0833 | 95UCL | 1.1E+04 | -- | 8E-06 | -- |
| 344 249TH ST | Benzene | µg/kg | 0.393 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-06 | 2E-09 |
| 344 249TH ST | Ethylbenzene | µg/kg | 1.11 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-07 | 2E-10 |
| 344 249TH ST | Naphthalene | mg/kg | 0.0162 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-04 | 4E-09 |
| 344 249TH ST | Pyrene | mg/kg | 0.568 | 95UCL | 6.7E+04 | -- | 9E-06 | -- |
| 344 249TH ST | Toluene | µg/kg | 0.237 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 344 249TH ST | TPH as Diesel | mg/kg | 775 | 95UCL | 1.9E+03 | -- | 4E-01 | -- |
| 344 249TH ST | TPH as Gasoline | mg/kg | 0.0934 | 95UCL | 8.6E+02 | -- | 1E-04 | -- |
| 344 249TH ST | TPH as Motor Oil | mg/kg | 1881 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 344 249TH ST | Xylenes, Total | µg/kg | 1.257 | 95UCL | 4.7E+05 | -- | 3E-06 | -- |
| 345 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 18.17 | 95UCL | 7.5E+04 | -- | 2E-04 | -- |
| 345 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 1.382 | 95UCL | 7.7E+04 | -- | 2E-05 | -- |
| 345 249TH ST | 1-Methylnaphthalene | mg/kg | 1.744 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-06 | 7E-09 |
| 345 249TH ST | 2-Methylnaphthalene | mg/kg | 1.619 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 345 249TH ST | Benzene | µg/kg | 2.61 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-05 | 1E-08 |
| 345 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.44 | Max | 6.3E+04 | 6.4E+03 | 7E-06 | 7E-10 |
| 345 249TH ST | Chromium, Hexavalent | mg/kg | 0.253 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 345 249TH ST | Ethylbenzene | µg/kg | 9.775 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-06 | 2E-09 |
| 345 249TH ST | Naphthalene | mg/kg | 0.2 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-03 | 5E-08 |
| 345 249TH ST | Pyrene | mg/kg | 1.749 | 95UCL | 6.7E+04 | -- | 3E-05 | -- |
| 345 249TH ST | Toluene | µg/kg | 2.433 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 345 249TH ST | TPH as Diesel | mg/kg | 3131 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 345 249TH ST | TPH as Gasoline | mg/kg | 4.445 | 95UCL | 8.6E+02 | -- | 5E-03 | -- |
| 345 249TH ST | TPH as Motor Oil | mg/kg | 4529 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 345 249TH ST | Xylenes, Total | µg/kg | 17.59 | 95UCL | 4.7E+05 | -- | 4E-05 | -- |
| 347 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.213 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 347 244TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.13 | Max | 7.7E+04 | -- | 2E-06 | -- |
| 347 244TH ST | 1-Methylnaphthalene | mg/kg | 0.011 | Max | 1.9E+05 | 2.7E+03 | 6E-08 | 4E-11 |
| 347 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00367 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 347 244TH ST | Benzene | µg/kg | 0.278 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 347 244TH ST | Chromium, Hexavalent | mg/kg | 0.48 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 7E-07 |
| 347 244TH ST | Cobalt | mg/kg | 11.08 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 347 244TH ST | Ethylbenzene | µg/kg | 0.41 | Max | 4.5E+06 | 5.1E+04 | 9E-08 | 8E-11 |
| 347 244TH ST | Naphthalene | mg/kg | 0.00239 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-05 | 6E-10 |
| 347 244TH ST | Pyrene | mg/kg | 0.0106 | 95UCL | 6.7E+04 | -- | 2E-07 | -- |
| 347 244TH ST | Toluene | µg/kg | 0.286 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 347 244TH ST | TPH as Diesel | mg/kg | 61.71 | 95UCL | 1.9E+03 | -- | 3E-02 | -- |
| 347 244TH ST | TPH as Gasoline | mg/kg | 0.096 | Max | 8.6E+02 | -- | 1E-04 | -- |
| 347 244TH ST | TPH as Motor Oil | mg/kg | 196.6 | 95UCL | 1.6E+05 | -- | 1E-03 | -- |
| 347 244TH ST | Xylenes, Total | µg/kg | 0.23 | Max | 4.7E+05 | -- | 5E-07 | -- |
| 348 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 2754 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 348 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 625.6 | 95UCL | 7.7E+04 | -- | 8E-03 | -- |
| 348 248TH ST | 1-Methylnaphthalene | mg/kg | 22.16 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-04 | 8E-08 |
| 348 248TH ST | 2-Methylnaphthalene | mg/kg | 33.99 | 95UCL | 1.1E+04 | -- | 3E-03 | -- |
| 348 248TH ST | Benzene | µg/kg | 509.3 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-03 | 2E-06 |
| 348 248TH ST | Bromodichloromethane | µg/kg | 0.19 | Max | 4.9E+05 | 5.3E+03 | 4E-07 | 4E-10 |
| 348 248TH ST | Bromomethane | µg/kg | 3.7 | Max | 7.8E+03 | -- | 5E-04 | -- |
| 348 248TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 348 248TH ST | Ethylbenzene | µg/kg | 840.1 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-04 | 2E-07 |
| 348 248TH ST | Naphthalene | mg/kg | 12.37 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-02 | 3E-06 |
| 348 248TH ST | Pyrene | mg/kg | 5.926 | 95UCL | 6.7E+04 | -- | 9E-05 | -- |
| 348 248TH ST | Tetrachloroethene | µg/kg | 0.34 | Max | 8.6E+04 | 1.0E+04 | 4E-06 | 3E-10 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 348 248TH ST | Toluene | µg/kg | 146 | 95UCL | 1.6E+07 | -- | 9E-06 | -- |
| 348 248TH ST | TPH as Diesel | mg/kg | 9153 | 95UCL | 1.9E+03 | -- | **5E+00** | -- |
| 348 248TH ST | TPH as Gasoline | mg/kg | 360.9 | 95UCL | 8.6E+02 | -- | 4E-01 | -- |
| 348 248TH ST | TPH as Motor Oil | mg/kg | 8265 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 348 248TH ST | Xylenes, Total | µg/kg | 1850 | 95UCL | 4.7E+05 | -- | 4E-03 | -- |
| 348 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 34.46 | 95UCL | 7.5E+04 | -- | 5E-04 | -- |
| 348 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 13.74 | 95UCL | 7.7E+04 | -- | 2E-04 | -- |
| 348 249TH ST | 1-Methylnaphthalene | mg/kg | 0.189 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-06 | 7E-10 |
| 348 249TH ST | 2-Methylnaphthalene | mg/kg | 0.221 | 95UCL | 1.1E+04 | -- | 2E-05 | -- |
| 348 249TH ST | Benzene | µg/kg | 0.566 | 95UCL | 6.9E+04 | 2.2E+03 | 8E-06 | 3E-09 |
| 348 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.35 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 348 249TH ST | Bromomethane | µg/kg | 300 | Max | 7.8E+03 | -- | 4E-02 | -- |
| 348 249TH ST | Chromium, Hexavalent | mg/kg | 0.468 | 95UCL | 3.2E+03 | 6.7E+00 | 2E-04 | 7E-07 |
| 348 249TH ST | Ethylbenzene | µg/kg | 4.271 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-07 | 8E-10 |
| 348 249TH ST | Naphthalene | mg/kg | 0.0798 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-04 | 2E-08 |
| 348 249TH ST | Pyrene | mg/kg | 0.896 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 348 249TH ST | Toluene | µg/kg | 0.322 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 348 249TH ST | TPH as Diesel | mg/kg | 925.7 | 95UCL | 1.9E+03 | -- | 5E-01 | -- |
| 348 249TH ST | TPH as Gasoline | mg/kg | 0.928 | 95UCL | 8.6E+02 | -- | 1E-03 | -- |
| 348 249TH ST | TPH as Motor Oil | mg/kg | 1945 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 348 249TH ST | Xylenes, Total | µg/kg | 12.6 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 351 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.158 | 95UCL | 7.5E+04 | -- | 2E-06 | -- |
| 351 244TH ST | 1-Methylnaphthalene | mg/kg | 1.685 | 95UCL | 1.9E+05 | 2.7E+03 | 9E-06 | 6E-09 |
| 351 244TH ST | 2-Methylnaphthalene | mg/kg | 2.388 | 95UCL | 1.1E+04 | -- | 2E-04 | -- |
| 351 244TH ST | Benzene | µg/kg | 0.398 | 95UCL | 6.9E+04 | 2.2E+03 | 6E-06 | 2E-09 |
| 351 244TH ST | Chromium, Hexavalent | mg/kg | 0.185 | 95UCL | 3.2E+03 | 6.7E+00 | 6E-05 | 3E-07 |
| 351 244TH ST | Cobalt | mg/kg | 10.95 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 351 244TH ST | Ethylbenzene | µg/kg | 0.21 | Max | 4.5E+06 | 5.1E+04 | 5E-08 | 4E-11 |
| 351 244TH ST | Naphthalene | mg/kg | 0.77 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-03 | 2E-07 |
| 351 244TH ST | Pyrene | mg/kg | 0.501 | 95UCL | 6.7E+04 | -- | 8E-06 | -- |
| 351 244TH ST | Toluene | µg/kg | 0.295 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 351 244TH ST | TPH as Diesel | mg/kg | 1180 | 95UCL | 1.9E+03 | -- | 6E-01 | -- |
| 351 244TH ST | TPH as Gasoline | mg/kg | 0.21 | Max | 8.6E+02 | -- | 2E-04 | -- |
| 351 244TH ST | TPH as Motor Oil | mg/kg | 2728 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 351 244TH ST | Xylenes, Total | µg/kg | 0.53 | Max | 4.7E+05 | -- | 1E-06 | -- |
| 352 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.46 | 95UCL | 7.5E+04 | -- | 6E-06 | -- |
| 352 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.56 | Max | 7.7E+04 | -- | 7E-06 | -- |
| 352 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0719 | 95UCL | 1.9E+05 | 2.7E+03 | 4E-07 | 3E-10 |
| 352 249TH ST | 2-Methylnaphthalene | mg/kg | 0.106 | 95UCL | 1.1E+04 | -- | 1E-05 | -- |
| 352 249TH ST | Benzene | µg/kg | 0.35 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |
| 352 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.26 | Max | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 352 249TH ST | Chromium, Hexavalent | mg/kg | 0.185 | 95UCL | 3.2E+03 | 6.7E+00 | 6E-05 | 3E-07 |
| 352 249TH ST | Ethylbenzene | µg/kg | 0.215 | 95UCL | 4.5E+06 | 5.1E+04 | 5E-08 | 4E-11 |
| 352 249TH ST | Naphthalene | mg/kg | 0.0347 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-04 | 9E-09 |
| 352 249TH ST | Pyrene | mg/kg | 0.773 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 352 249TH ST | Toluene | µg/kg | 7.832 | 95UCL | 1.6E+07 | -- | 5E-07 | -- |
| 352 249TH ST | TPH as Diesel | mg/kg | 1156 | 95UCL | 1.9E+03 | -- | 6E-01 | -- |
| 352 249TH ST | TPH as Gasoline | mg/kg | 0.73 | 95UCL | 8.6E+02 | -- | 9E-04 | -- |
| 352 249TH ST | TPH as Motor Oil | mg/kg | 2150 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 352 249TH ST | Xylenes, Total | µg/kg | 0.627 | 95UCL | 4.7E+05 | -- | 1E-06 | -- |
| 353 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 2475 | 95UCL | 7.5E+04 | -- | 3E-02 | -- |
| 353 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 2800 | Max | 7.7E+04 | -- | 4E-02 | -- |
| 353 249TH ST | 1-Methylnaphthalene | mg/kg | 4.141 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 353 249TH ST | 2-Methylnaphthalene | mg/kg | 6.211 | 95UCL | 1.1E+04 | -- | 6E-04 | -- |
| 353 249TH ST | Benzene | µg/kg | 345 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-03 | 2E-06 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 353 249TH ST | Bromomethane | µg/kg | 190 | Max | 7.8E+03 | -- | 2E-02 | -- |
| 353 249TH ST | Chromium, Hexavalent | mg/kg | 0.268 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 353 249TH ST | Ethylbenzene | µg/kg | 3200 | Max | 4.5E+06 | 5.1E+04 | 7E-04 | 6E-07 |
| 353 249TH ST | Naphthalene | mg/kg | 2.911 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 8E-07 |
| 353 249TH ST | Pyrene | mg/kg | 0.437 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 353 249TH ST | Toluene | µg/kg | 2.525 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 353 249TH ST | TPH as Diesel | mg/kg | 2177 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 353 249TH ST | TPH as Gasoline | mg/kg | 214.5 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 353 249TH ST | TPH as Motor Oil | mg/kg | 2308 | 95UCL | 1.6E+05 | -- | 1E-02 | -- |
| 353 249TH ST | Xylenes, Total | µg/kg | 1608 | 95UCL | 4.7E+05 | -- | 3E-03 | -- |
| 354 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 679.3 | 95UCL | 7.5E+04 | -- | 9E-03 | -- |
| 354 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 83.36 | 95UCL | 7.7E+04 | -- | 1E-03 | -- |
| 354 248TH ST | 1-Methylnaphthalene | mg/kg | 10.59 | 95UCL | 1.9E+05 | 2.7E+03 | 6E-05 | 4E-08 |
| 354 248TH ST | 2-Methylnaphthalene | mg/kg | 21.37 | 95UCL | 1.1E+04 | -- | 2E-03 | -- |
| 354 248TH ST | Benzene | µg/kg | 277.1 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-03 | 1E-06 |
| 354 248TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.52 | Max | 6.3E+04 | 6.4E+03 | 8E-06 | 8E-10 |
| 354 248TH ST | Chromium, Hexavalent | mg/kg | 0.36 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 354 248TH ST | Ethylbenzene | µg/kg | 416.8 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-05 | 8E-08 |
| 354 248TH ST | Naphthalene | mg/kg | 7.662 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 354 248TH ST | Pyrene | mg/kg | 2.545 | 95UCL | 6.7E+04 | -- | 4E-05 | -- |
| 354 248TH ST | Toluene | µg/kg | 14.07 | 95UCL | 1.6E+07 | -- | 9E-07 | -- |
| 354 248TH ST | TPH as Diesel | mg/kg | 7944 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 354 248TH ST | TPH as Gasoline | mg/kg | 267.4 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 354 248TH ST | TPH as Motor Oil | mg/kg | 7229 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 354 248TH ST | Xylenes, Total | µg/kg | 332.3 | 95UCL | 4.7E+05 | -- | 7E-04 | -- |
| 357 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0068 | Max | 1.9E+05 | 2.7E+03 | 4E-08 | 3E-11 |
| 357 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0029 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 357 244TH ST | Benzene | µg/kg | 0.24 | Max | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 357 244TH ST | Chromium, Hexavalent | mg/kg | 0.44 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 7E-07 |
| 357 244TH ST | Cobalt | mg/kg | 11.51 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 357 244TH ST | Naphthalene | mg/kg | 0.00227 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-05 | 6E-10 |
| 357 244TH ST | Pyrene | mg/kg | 0.013 | 95UCL | 6.7E+04 | -- | 2E-07 | -- |
| 357 244TH ST | Toluene | µg/kg | 0.28 | Max | 1.6E+07 | -- | 2E-08 | -- |
| 357 244TH ST | TPH as Diesel | mg/kg | 24.46 | 95UCL | 1.9E+03 | -- | 1E-02 | -- |
| 357 244TH ST | TPH as Gasoline | mg/kg | 0.0812 | 95UCL | 8.6E+02 | -- | 9E-05 | -- |
| 357 244TH ST | TPH as Motor Oil | mg/kg | 108.7 | 95UCL | 1.6E+05 | -- | 7E-04 | -- |
| 357 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 734.4 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 357 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 263.8 | 95UCL | 7.7E+04 | -- | 3E-03 | -- |
| 357 249TH ST | 1-Methylnaphthalene | mg/kg | 3.622 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 357 249TH ST | 2-Methylnaphthalene | mg/kg | 9.831 | 95UCL | 1.1E+04 | -- | 9E-04 | -- |
| 357 249TH ST | Benzene | µg/kg | 179.7 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-03 | 8E-07 |
| 357 249TH ST | Bromomethane | µg/kg | 550 | Max | 7.8E+03 | -- | 7E-02 | -- |
| 357 249TH ST | Ethylbenzene | µg/kg | 316.5 | 95UCL | 4.5E+06 | 5.1E+04 | 7E-05 | 6E-08 |
| 357 249TH ST | Naphthalene | mg/kg | 5.015 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-02 | 1E-06 |
| 357 249TH ST | Pyrene | mg/kg | 0.973 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 357 249TH ST | Toluene | µg/kg | 25.49 | 95UCL | 1.6E+07 | -- | 2E-06 | -- |
| 357 249TH ST | TPH as Diesel | mg/kg | 3611 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 357 249TH ST | TPH as Gasoline | mg/kg | 271.3 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 357 249TH ST | TPH as Motor Oil | mg/kg | 4672 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 357 249TH ST | Xylenes, Total | µg/kg | 423.4 | 95UCL | 4.7E+05 | -- | 9E-04 | -- |
| 358 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 148.5 | 95UCL | 7.5E+04 | -- | 2E-03 | -- |
| 358 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 53.48 | 95UCL | 7.7E+04 | -- | 7E-04 | -- |
| 358 249TH ST | 1-Methylnaphthalene | mg/kg | 2.571 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 1E-08 |
| 358 249TH ST | 2-Methylnaphthalene | mg/kg | 3.655 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 358 249TH ST | Benzene | µg/kg | 0.14 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-06 | 6E-10 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 358 249TH ST | Chromium, Hexavalent | mg/kg | 0.44 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 7E-07 |
| 358 249TH ST | Ethylbenzene | µg/kg | 12.54 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-06 | 3E-09 |
| 358 249TH ST | Naphthalene | mg/kg | 1.027 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-03 | 3E-07 |
| 358 249TH ST | Pyrene | mg/kg | 0.421 | 95UCL | 6.7E+04 | -- | 6E-06 | -- |
| 358 249TH ST | Tetrachloroethene | µg/kg | 2.4 | Max | 8.6E+04 | 1.0E+04 | 3E-05 | 2E-09 |
| 358 249TH ST | Toluene | µg/kg | 0.259 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 358 249TH ST | TPH as Diesel | mg/kg | 1973 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 358 249TH ST | TPH as Gasoline | mg/kg | 19.25 | 95UCL | 8.6E+02 | -- | 2E-02 | -- |
| 358 249TH ST | TPH as Motor Oil | mg/kg | 2840 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 358 249TH ST | Xylenes, Total | µg/kg | 80.66 | 95UCL | 4.7E+05 | -- | 2E-04 | -- |
| 360 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 79.55 | 95UCL | 7.5E+04 | -- | 1E-03 | -- |
| 360 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 25.97 | 95UCL | 7.7E+04 | -- | 3E-04 | -- |
| 360 248TH ST | 1-Methylnaphthalene | mg/kg | 3.885 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 360 248TH ST | 2-Methylnaphthalene | mg/kg | 5.382 | 95UCL | 1.1E+04 | -- | 5E-04 | -- |
| 360 248TH ST | Benzene | µg/kg | 70.89 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-03 | 3E-07 |
| 360 248TH ST | Ethylbenzene | µg/kg | 178.8 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-05 | 4E-08 |
| 360 248TH ST | Naphthalene | mg/kg | 1.773 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 5E-07 |
| 360 248TH ST | Pyrene | mg/kg | 0.701 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 360 248TH ST | Toluene | µg/kg | 15 | Max | 1.6E+07 | -- | 9E-07 | -- |
| 360 248TH ST | TPH as Diesel | mg/kg | 2488 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 360 248TH ST | TPH as Gasoline | mg/kg | 142 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 360 248TH ST | TPH as Motor Oil | mg/kg | 2685 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 360 248TH ST | Xylenes, Total | µg/kg | 86.46 | 95UCL | 4.7E+05 | -- | 2E-04 | -- |
| 361 244TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.69 | Max | 7.5E+04 | -- | 9E-06 | -- |
| 361 244TH ST | 2-Methylnaphthalene | mg/kg | 0.00317 | 95UCL | 1.1E+04 | -- | 3E-07 | -- |
| 361 244TH ST | Benzene | µg/kg | 0.17 | Max | 6.9E+04 | 2.2E+03 | 3E-06 | 8E-10 |
| 361 244TH ST | Chromium, Hexavalent | mg/kg | 0.76 | Max | 3.2E+03 | 6.7E+00 | 2E-04 | 1E-06 |
| 361 244TH ST | Cobalt | mg/kg | 10.91 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 361 244TH ST | Naphthalene | mg/kg | 0.00817 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-05 | 2E-09 |
| 361 244TH ST | Pyrene | mg/kg | 0.0122 | 95UCL | 6.7E+04 | -- | 2E-07 | -- |
| 361 244TH ST | Toluene | µg/kg | 0.17 | Max | 1.6E+07 | -- | 1E-08 | -- |
| 361 244TH ST | TPH as Diesel | mg/kg | 38.73 | 95UCL | 1.9E+03 | -- | 2E-02 | -- |
| 361 244TH ST | TPH as Gasoline | mg/kg | 0.12 | Max | 8.6E+02 | -- | 1E-04 | -- |
| 361 244TH ST | TPH as Motor Oil | mg/kg | 137.9 | 95UCL | 1.6E+05 | -- | 9E-04 | -- |
| 361 244TH ST | Xylenes, Total | µg/kg | 0.52 | Max | 4.7E+05 | -- | 1E-06 | -- |
| 362 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.16 | Max | 7.5E+04 | -- | 2E-06 | -- |
| 362 249TH ST | 1-Methylnaphthalene | mg/kg | 0.0045 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-08 | 2E-11 |
| 362 249TH ST | 2-Methylnaphthalene | mg/kg | 0.00579 | 95UCL | 1.1E+04 | -- | 5E-07 | -- |
| 362 249TH ST | Benzene | µg/kg | 0.3 | 95UCL | 6.9E+04 | 2.2E+03 | 4E-06 | 1E-09 |
| 362 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.2 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 362 249TH ST | Chromium, Hexavalent | mg/kg | 0.44 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 7E-07 |
| 362 249TH ST | Ethylbenzene | µg/kg | 0.19 | Max | 4.5E+06 | 5.1E+04 | 4E-08 | 4E-11 |
| 362 249TH ST | Naphthalene | mg/kg | 0.0034 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-05 | 9E-10 |
| 362 249TH ST | Pyrene | mg/kg | 0.0566 | 95UCL | 6.7E+04 | -- | 9E-07 | -- |
| 362 249TH ST | Toluene | µg/kg | 0.261 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 362 249TH ST | TPH as Diesel | mg/kg | 472.1 | 95UCL | 1.9E+03 | -- | 3E-01 | -- |
| 362 249TH ST | TPH as Gasoline | mg/kg | 0.151 | 95UCL | 8.6E+02 | -- | 2E-04 | -- |
| 362 249TH ST | TPH as Motor Oil | mg/kg | 953.6 | 95UCL | 1.6E+05 | -- | 6E-03 | -- |
| 362 249TH ST | Xylenes, Total | µg/kg | 0.27 | Max | 4.7E+05 | -- | 6E-07 | -- |
| 363 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 72.71 | 95UCL | 7.5E+04 | -- | 1E-03 | -- |
| 363 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 10 | Max | 7.7E+04 | -- | 1E-04 | -- |
| 363 249TH ST | 1-Methylnaphthalene | mg/kg | 9.933 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-05 | 4E-08 |
| 363 249TH ST | 2-Methylnaphthalene | mg/kg | 14.89 | 95UCL | 1.1E+04 | -- | 1E-03 | -- |
| 363 249TH ST | Benzene | µg/kg | 31.43 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-04 | 1E-07 |
| 363 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.46 | 95UCL | 6.3E+04 | 6.4E+03 | 7E-06 | 7E-10 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 363 249TH ST | Ethylbenzene | µg/kg | 292.3 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-05 | 6E-08 |
| 363 249TH ST | Naphthalene | mg/kg | 6.424 | 95UCL | 1.4E+02 | 3.9E+01 | 5E-02 | 2E-06 |
| 363 249TH ST | Pyrene | mg/kg | 5.776 | 95UCL | 6.7E+04 | -- | 9E-05 | -- |
| 363 249TH ST | Toluene | µg/kg | 16.56 | 95UCL | 1.6E+07 | -- | 1E-06 | -- |
| 363 249TH ST | TPH as Diesel | mg/kg | 7483 | 95UCL | 1.9E+03 | -- | **4E+00** | -- |
| 363 249TH ST | TPH as Gasoline | mg/kg | 171.1 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 363 249TH ST | TPH as Motor Oil | mg/kg | 9862 | 95UCL | 1.6E+05 | -- | 6E-02 | -- |
| 363 249TH ST | Xylenes, Total | µg/kg | 152 | 95UCL | 4.7E+05 | -- | 3E-04 | -- |
| 364 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 648.7 | 95UCL | 7.5E+04 | -- | 9E-03 | -- |
| 364 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 194.8 | 95UCL | 7.7E+04 | -- | 3E-03 | -- |
| 364 248TH ST | 1-Methylnaphthalene | mg/kg | 3.976 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 2E-08 |
| 364 248TH ST | 2-Methylnaphthalene | mg/kg | 5.752 | 95UCL | 1.1E+04 | -- | 5E-04 | -- |
| 364 248TH ST | Benzene | µg/kg | 49.73 | 95UCL | 6.9E+04 | 2.2E+03 | 7E-04 | 2E-07 |
| 364 248TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.8 | Max | 6.3E+04 | 6.4E+03 | 1E-05 | 1E-09 |
| 364 248TH ST | Bromomethane | µg/kg | 190 | Max | 7.8E+03 | -- | 2E-02 | -- |
| 364 248TH ST | Ethylbenzene | µg/kg | 290.7 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-05 | 6E-08 |
| 364 248TH ST | Naphthalene | mg/kg | 2.31 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 6E-07 |
| 364 248TH ST | Pyrene | mg/kg | 0.764 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 364 248TH ST | Toluene | µg/kg | 2.778 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 364 248TH ST | TPH as Diesel | mg/kg | 3313 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 364 248TH ST | TPH as Gasoline | mg/kg | 134.3 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 364 248TH ST | TPH as Motor Oil | mg/kg | 4572 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 364 248TH ST | Xylenes, Total | µg/kg | 240 | 95UCL | 4.7E+05 | -- | 5E-04 | -- |
| 367 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0472 | 95UCL | 1.1E+04 | -- | 4E-06 | -- |
| 367 244TH ST | Benzene | µg/kg | 0.16 | Max | 6.9E+04 | 2.2E+03 | 2E-06 | 7E-10 |
| 367 244TH ST | Pyrene | mg/kg | 0.447 | 95UCL | 6.7E+04 | -- | 7E-06 | -- |
| 367 244TH ST | Toluene | µg/kg | 0.18 | Max | 1.6E+07 | -- | 1E-08 | -- |
| 367 244TH ST | TPH as Diesel | mg/kg | 3867 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 367 244TH ST | TPH as Motor Oil | mg/kg | 10116 | 95UCL | 1.6E+05 | -- | 6E-02 | -- |
| 367 249TH ST | 1,2,3-Trichloropropane | µg/kg | 12 | Max | 2.0E+03 | 7.2E+03 | 6E-03 | 2E-08 |
| 367 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 106.8 | 95UCL | 7.5E+04 | -- | 1E-03 | -- |
| 367 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 7.465 | 95UCL | 7.7E+04 | -- | 1E-04 | -- |
| 367 249TH ST | 1-Methylnaphthalene | mg/kg | 0.566 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-06 | 2E-09 |
| 367 249TH ST | 2-Methylnaphthalene | mg/kg | 1.144 | 95UCL | 1.1E+04 | -- | 1E-04 | -- |
| 367 249TH ST | Benzene | µg/kg | 1.512 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-05 | 7E-09 |
| 367 249TH ST | Bromomethane | µg/kg | 3.1 | Max | 7.8E+03 | -- | 4E-04 | -- |
| 367 249TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 367 249TH ST | Ethylbenzene | µg/kg | 29.12 | 95UCL | 4.5E+06 | 5.1E+04 | 6E-06 | 6E-09 |
| 367 249TH ST | Naphthalene | mg/kg | 0.383 | 95UCL | 1.4E+02 | 3.9E+01 | 3E-03 | 1E-07 |
| 367 249TH ST | Pyrene | mg/kg | 0.41 | 95UCL | 6.7E+04 | -- | 6E-06 | -- |
| 367 249TH ST | Toluene | µg/kg | 0.221 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 367 249TH ST | TPH as Diesel | mg/kg | 1813 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 367 249TH ST | TPH as Gasoline | mg/kg | 45.45 | 95UCL | 8.6E+02 | -- | 5E-02 | -- |
| 367 249TH ST | TPH as Motor Oil | mg/kg | 2736 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 367 249TH ST | Xylenes, Total | µg/kg | 12.82 | 95UCL | 4.7E+05 | -- | 3E-05 | -- |
| 368 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 3992 | 95UCL | 7.5E+04 | -- | 5E-02 | -- |
| 368 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 1626 | 95UCL | 7.7E+04 | -- | 2E-02 | -- |
| 368 249TH ST | 1-Methylnaphthalene | mg/kg | 3.117 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 368 249TH ST | 2-Methylnaphthalene | mg/kg | 4.543 | 95UCL | 1.1E+04 | -- | 4E-04 | -- |
| 368 249TH ST | Benzene | µg/kg | 155.1 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-03 | 7E-07 |
| 368 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.7 | Max | 6.3E+04 | 6.4E+03 | 3E-05 | 3E-09 |
| 368 249TH ST | Chromium, Hexavalent | mg/kg | 0.289 | 95UCL | 3.2E+03 | 6.7E+00 | 9E-05 | 4E-07 |
| 368 249TH ST | Ethylbenzene | µg/kg | 1210 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 2E-07 |
| 368 249TH ST | Methylene Chloride | µg/kg | 51 | Max | 1.2E+06 | 5.9E+04 | 4E-05 | 9E-09 |
| 368 249TH ST | Naphthalene | mg/kg | 1.852 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-02 | 5E-07 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 368 249TH ST | Pyrene | mg/kg | 5.678 | 95UCL | 6.7E+04 | -- | 9E-05 | -- |
| 368 249TH ST | Toluene | µg/kg | 77.6 | 95UCL | 1.6E+07 | -- | 5E-06 | -- |
| 368 249TH ST | TPH as Diesel | mg/kg | 3543 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 368 249TH ST | TPH as Gasoline | mg/kg | 393 | 95UCL | 8.6E+02 | -- | 5E-01 | -- |
| 368 249TH ST | TPH as Motor Oil | mg/kg | 4284 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 368 249TH ST | Xylenes, Total | µg/kg | 7394 | 95UCL | 4.7E+05 | -- | 2E-02 | -- |
| 373 249TH ST | 1,2,3-Trichloropropane | µg/kg | 4.2 | Max | 2.0E+03 | 7.2E+03 | 2E-03 | 6E-09 |
| 373 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 396.8 | 95UCL | 7.5E+04 | -- | 5E-03 | -- |
| 373 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 38.67 | 95UCL | 7.7E+04 | -- | 5E-04 | -- |
| 373 249TH ST | 1-Methylnaphthalene | mg/kg | 2.226 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 8E-09 |
| 373 249TH ST | 2-Methylnaphthalene | mg/kg | 3.169 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 373 249TH ST | Benzene | µg/kg | 14.75 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-04 | 7E-08 |
| 373 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.2 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 373 249TH ST | Bromomethane | µg/kg | 2.9 | Max | 7.8E+03 | -- | 4E-04 | -- |
| 373 249TH ST | Ethylbenzene | µg/kg | 121.7 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-05 | 2E-08 |
| 373 249TH ST | Methylene Chloride | µg/kg | 3.2 | 95UCL | 1.2E+06 | 5.9E+04 | 3E-06 | 5E-10 |
| 373 249TH ST | Naphthalene | mg/kg | 1.123 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-03 | 3E-07 |
| 373 249TH ST | Pyrene | mg/kg | 1.059 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 373 249TH ST | Toluene | µg/kg | 1.603 | 95UCL | 1.6E+07 | -- | 1E-07 | -- |
| 373 249TH ST | TPH as Diesel | mg/kg | 2475 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 373 249TH ST | TPH as Gasoline | mg/kg | 24.96 | 95UCL | 8.6E+02 | -- | 3E-02 | -- |
| 373 249TH ST | TPH as Motor Oil | mg/kg | 2439 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 373 249TH ST | Xylenes, Total | µg/kg | 136.8 | 95UCL | 4.7E+05 | -- | 3E-04 | -- |
| 374 248TH ST | 1,2,4-Trimethylbenzene | µg/kg | 530.6 | 95UCL | 7.5E+04 | -- | 7E-03 | -- |
| 374 248TH ST | 1,3,5-Trimethylbenzene | µg/kg | 71.51 | 95UCL | 7.7E+04 | -- | 9E-04 | -- |
| 374 248TH ST | 1-Methylnaphthalene | mg/kg | 5.089 | 95UCL | 1.9E+05 | 2.7E+03 | 3E-05 | 2E-08 |
| 374 248TH ST | 2-Methylnaphthalene | mg/kg | 6.083 | 95UCL | 1.1E+04 | -- | 6E-04 | -- |
| 374 248TH ST | Benzene | µg/kg | 52.13 | 95UCL | 6.9E+04 | 2.2E+03 | 8E-04 | 2E-07 |
| 374 248TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.238 | 95UCL | 6.3E+04 | 6.4E+03 | 4E-06 | 4E-10 |
| 374 248TH ST | Ethylbenzene | µg/kg | 102 | 95UCL | 4.5E+06 | 5.1E+04 | 2E-05 | 2E-08 |
| 374 248TH ST | Methylene Chloride | µg/kg | 23 | Max | 1.2E+06 | 5.9E+04 | 2E-05 | 4E-09 |
| 374 248TH ST | Naphthalene | mg/kg | 1.145 | 95UCL | 1.4E+02 | 3.9E+01 | 8E-03 | 3E-07 |
| 374 248TH ST | Pyrene | mg/kg | 13.92 | 95UCL | 6.7E+04 | -- | 2E-04 | -- |
| 374 248TH ST | Toluene | µg/kg | 6.156 | 95UCL | 1.6E+07 | -- | 4E-07 | -- |
| 374 248TH ST | TPH as Diesel | mg/kg | 5172 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 374 248TH ST | TPH as Gasoline | mg/kg | 50.5 | 95UCL | 8.6E+02 | -- | 6E-02 | -- |
| 374 248TH ST | TPH as Motor Oil | mg/kg | 8017 | 95UCL | 1.6E+05 | -- | 5E-02 | -- |
| 374 248TH ST | Xylenes, Total | µg/kg | 266.4 | 95UCL | 4.7E+05 | -- | 6E-04 | -- |
| 374 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 2655 | 95UCL | 7.5E+04 | -- | 4E-02 | -- |
| 374 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 996.8 | 95UCL | 7.7E+04 | -- | 1E-02 | -- |
| 374 249TH ST | 1-Methylnaphthalene | mg/kg | 2.902 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 374 249TH ST | 2-Methylnaphthalene | mg/kg | 7.222 | 95UCL | 1.1E+04 | -- | 7E-04 | -- |
| 374 249TH ST | Benzene | µg/kg | 837.4 | 95UCL | 6.9E+04 | 2.2E+03 | 1E-02 | 4E-06 |
| 374 249TH ST | Chromium, Hexavalent | mg/kg | 0.34 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 5E-07 |
| 374 249TH ST | Ethylbenzene | µg/kg | 1504 | 95UCL | 4.5E+06 | 5.1E+04 | 3E-04 | 3E-07 |
| 374 249TH ST | Naphthalene | mg/kg | 2.897 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 7E-07 |
| 374 249TH ST | Pyrene | mg/kg | 1.198 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 374 249TH ST | Toluene | µg/kg | 103.4 | 95UCL | 1.6E+07 | -- | 6E-06 | -- |
| 374 249TH ST | TPH as Diesel | mg/kg | 4645 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 374 249TH ST | TPH as Gasoline | mg/kg | 278.6 | 95UCL | 8.6E+02 | -- | 3E-01 | -- |
| 374 249TH ST | TPH as Motor Oil | mg/kg | 4704 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 374 249TH ST | Xylenes, Total | µg/kg | 2603 | 95UCL | 4.7E+05 | -- | 6E-03 | -- |
| 377 244TH ST | 1-Methylnaphthalene | mg/kg | 0.0036 | Max | 1.9E+05 | 2.7E+03 | 2E-08 | 1E-11 |
| 377 244TH ST | 2-Methylnaphthalene | mg/kg | 0.0117 | 95UCL | 1.1E+04 | -- | 1E-06 | -- |
| 377 244TH ST | Benzene | µg/kg | 0.19 | Max | 6.9E+04 | 2.2E+03 | 3E-06 | 9E-10 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 377 244TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.51 | Max | 6.3E+04 | 6.4E+03 | 8E-06 | 8E-10 |
| 377 244TH ST | Chromium, Hexavalent | mg/kg | 0.4 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 377 244TH ST | Cobalt | mg/kg | 11.86 | 95UCL | 2.0E+02 | 1.1E+02 | 6E-02 | 1E-06 |
| 377 244TH ST | Naphthalene | mg/kg | 0.00177 | 95UCL | 1.4E+02 | 3.9E+01 | 1E-05 | 5E-10 |
| 377 244TH ST | Pyrene | mg/kg | 0.0705 | 95UCL | 6.7E+04 | -- | 1E-06 | -- |
| 377 244TH ST | Toluene | µg/kg | 0.21 | Max | 1.6E+07 | -- | 1E-08 | -- |
| 377 244TH ST | TPH as Diesel | mg/kg | 105.7 | 95UCL | 1.9E+03 | -- | 6E-02 | -- |
| 377 244TH ST | TPH as Gasoline | mg/kg | 0.088 | Max | 8.6E+02 | -- | 1E-04 | -- |
| 377 244TH ST | TPH as Motor Oil | mg/kg | 295.4 | 95UCL | 1.6E+05 | -- | 2E-03 | -- |
| 377 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 908.5 | 95UCL | 7.5E+04 | -- | 1E-02 | -- |
| 377 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 287.9 | 95UCL | 7.7E+04 | -- | 4E-03 | -- |
| 377 249TH ST | 1-Methylnaphthalene | mg/kg | 2.857 | 95UCL | 1.9E+05 | 2.7E+03 | 2E-05 | 1E-08 |
| 377 249TH ST | 2-Methylnaphthalene | mg/kg | 6.513 | 95UCL | 1.1E+04 | -- | 6E-04 | -- |
| 377 249TH ST | Benzene | µg/kg | 62.35 | 95UCL | 6.9E+04 | 2.2E+03 | 9E-04 | 3E-07 |
| 377 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.4 | Max | 6.3E+04 | 6.4E+03 | 6E-06 | 6E-10 |
| 377 249TH ST | Ethylbenzene | µg/kg | 156.6 | 95UCL | 4.5E+06 | 5.1E+04 | 4E-05 | 3E-08 |
| 377 249TH ST | Naphthalene | mg/kg | 2.108 | 95UCL | 1.4E+02 | 3.9E+01 | 2E-02 | 5E-07 |
| 377 249TH ST | Pyrene | mg/kg | 0.901 | 95UCL | 6.7E+04 | -- | 1E-05 | -- |
| 377 249TH ST | Toluene | µg/kg | 0.183 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 377 249TH ST | TPH as Diesel | mg/kg | 4736 | 95UCL | 1.9E+03 | -- | **3E+00** | -- |
| 377 249TH ST | TPH as Gasoline | mg/kg | 139.5 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 377 249TH ST | TPH as Motor Oil | mg/kg | 4976 | 95UCL | 1.6E+05 | -- | 3E-02 | -- |
| 377 249TH ST | Xylenes, Total | µg/kg | 386.2 | 95UCL | 4.7E+05 | -- | 8E-04 | -- |
| 378 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 51.16 | 95UCL | 7.5E+04 | -- | 7E-04 | -- |
| 378 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 5.627 | 95UCL | 7.7E+04 | -- | 7E-05 | -- |
| 378 249TH ST | 1-Methylnaphthalene | mg/kg | 2.182 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 8E-09 |
| 378 249TH ST | 2-Methylnaphthalene | mg/kg | 3.18 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 378 249TH ST | Benzene | µg/kg | 33.67 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-04 | 2E-07 |
| 378 249TH ST | Chromium, Hexavalent | mg/kg | 0.25 | Max | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 378 249TH ST | Ethylbenzene | µg/kg | 495.7 | 95UCL | 4.5E+06 | 5.1E+04 | 1E-04 | 1E-07 |
| 378 249TH ST | Naphthalene | mg/kg | 1.196 | 95UCL | 1.4E+02 | 3.9E+01 | 9E-03 | 3E-07 |
| 378 249TH ST | Pyrene | mg/kg | 0.186 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 378 249TH ST | Toluene | µg/kg | 2.545 | 95UCL | 1.6E+07 | -- | 2E-07 | -- |
| 378 249TH ST | TPH as Diesel | mg/kg | 2492 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 378 249TH ST | TPH as Gasoline | mg/kg | 151 | 95UCL | 8.6E+02 | -- | 2E-01 | -- |
| 378 249TH ST | TPH as Motor Oil | mg/kg | 2461 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 378 249TH ST | Xylenes, Total | µg/kg | 27.97 | 95UCL | 4.7E+05 | -- | 6E-05 | -- |
| 383 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 164.6 | 95UCL | 7.5E+04 | -- | 2E-03 | -- |
| 383 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 6.205 | 95UCL | 7.7E+04 | -- | 8E-05 | -- |
| 383 249TH ST | 1-Methylnaphthalene | mg/kg | 1.962 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 7E-09 |
| 383 249TH ST | 2,4-Dinitrotoluene | mg/kg | 0.12 | Max | 6.3E+03 | 2.8E+02 | 2E-05 | 4E-09 |
| 383 249TH ST | 2-Methylnaphthalene | mg/kg | 2.992 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 383 249TH ST | Benzene | µg/kg | 12.35 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-04 | 6E-08 |
| 383 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 0.17 | Max | 6.3E+04 | 6.4E+03 | 3E-06 | 3E-10 |
| 383 249TH ST | Ethylbenzene | µg/kg | 41.66 | 95UCL | 4.5E+06 | 5.1E+04 | 9E-06 | 8E-09 |
| 383 249TH ST | Naphthalene | mg/kg | 0.863 | 95UCL | 1.4E+02 | 3.9E+01 | 6E-03 | 2E-07 |
| 383 249TH ST | Pyrene | mg/kg | 1.449 | 95UCL | 6.7E+04 | -- | 2E-05 | -- |
| 383 249TH ST | Toluene | µg/kg | 0.485 | 95UCL | 1.6E+07 | -- | 3E-08 | -- |
| 383 249TH ST | TPH as Diesel | mg/kg | 2431 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 383 249TH ST | TPH as Gasoline | mg/kg | 102.3 | 95UCL | 8.6E+02 | -- | 1E-01 | -- |
| 383 249TH ST | TPH as Motor Oil | mg/kg | 2864 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 383 249TH ST | Xylenes, Total | µg/kg | 21.61 | 95UCL | 4.7E+05 | -- | 5E-05 | -- |
| 402 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 23.42 | 95UCL | 7.5E+04 | -- | 3E-04 | -- |
| 402 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 8.1 | Max | 7.7E+04 | -- | 1E-04 | -- |
| 402 249TH ST | 1-Methylnaphthalene | mg/kg | 2.412 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-05 | 9E-09 |

**Table E-4**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Location | Constituent of Concern | Units | EPC | EPC Basis | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 402 249TH ST | 2-Methylnaphthalene | mg/kg | 3.208 | 95UCL | 1.1E+04 | -- | 3E-04 | -- |
| 402 249TH ST | Benzene | µg/kg | 0.345 | 95UCL | 6.9E+04 | 2.2E+03 | 5E-06 | 2E-09 |
| 402 249TH ST | Ethylbenzene | µg/kg | 220 | Max | 4.5E+06 | 5.1E+04 | 5E-05 | 4E-08 |
| 402 249TH ST | Naphthalene | mg/kg | 0.953 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-03 | 3E-07 |
| 402 249TH ST | Pyrene | mg/kg | 0.343 | 95UCL | 6.7E+04 | -- | 5E-06 | -- |
| 402 249TH ST | Toluene | µg/kg | 0.244 | 95UCL | 1.6E+07 | -- | 2E-08 | -- |
| 402 249TH ST | TPH as Diesel | mg/kg | 1995 | 95UCL | 1.9E+03 | -- | 1E+00 | -- |
| 402 249TH ST | TPH as Gasoline | mg/kg | 49.75 | 95UCL | 8.6E+02 | -- | 6E-02 | -- |
| 402 249TH ST | TPH as Motor Oil | mg/kg | 2500 | 95UCL | 1.6E+05 | -- | 2E-02 | -- |
| 402 249TH ST | Xylenes, Total | µg/kg | 19.75 | 95UCL | 4.7E+05 | -- | 4E-05 | -- |
| 408 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.212 | 95UCL | 7.5E+04 | -- | 3E-06 | -- |
| 408 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 0.15 | Max | 7.7E+04 | -- | 2E-06 | -- |
| 408 249TH ST | 1-Methylnaphthalene | mg/kg | 0.00905 | 95UCL | 1.9E+05 | 2.7E+03 | 5E-08 | 3E-11 |
| 408 249TH ST | 2-Methylnaphthalene | mg/kg | 0.0337 | 95UCL | 1.1E+04 | -- | 3E-06 | -- |
| 408 249TH ST | Benzene | µg/kg | 1.613 | 95UCL | 6.9E+04 | 2.2E+03 | 2E-05 | 7E-09 |
| 408 249TH ST | Bis(2-Ethylhexyl) Phthalate | mg/kg | 1.4 | Max | 6.3E+04 | 6.4E+03 | 2E-05 | 2E-09 |
| 408 249TH ST | Bromodichloromethane | µg/kg | 0.3 | Max | 4.9E+05 | 5.3E+03 | 6E-07 | 6E-10 |
| 408 249TH ST | Chromium, Hexavalent | mg/kg | 0.37 | Max | 3.2E+03 | 6.7E+00 | 1E-04 | 6E-07 |
| 408 249TH ST | Naphthalene | mg/kg | 0.00966 | 95UCL | 1.4E+02 | 3.9E+01 | 7E-05 | 3E-09 |
| 408 249TH ST | Pyrene | mg/kg | 0.216 | 95UCL | 6.7E+04 | -- | 3E-06 | -- |
| 408 249TH ST | Toluene | µg/kg | 0.62 | 95UCL | 1.6E+07 | -- | 4E-08 | -- |
| 408 249TH ST | TPH as Diesel | mg/kg | 89.96 | 95UCL | 1.9E+03 | -- | 5E-02 | -- |
| 408 249TH ST | TPH as Gasoline | mg/kg | 0.16 | Max | 8.6E+02 | -- | 2E-04 | -- |
| 408 249TH ST | TPH as Motor Oil | mg/kg | 217.1 | 95UCL | 1.6E+05 | -- | 1E-03 | -- |
| 408 249TH ST | Xylenes, Total | µg/kg | 1.1 | Max | 4.7E+05 | -- | 2E-06 | -- |
| 412 249TH ST | 1,2,4-Trimethylbenzene | µg/kg | 0.46 | 95UCL | 7.5E+04 | -- | 6E-06 | -- |
| 412 249TH ST | 1,3,5-Trimethylbenzene | µg/kg | 1.5 | Max | 7.7E+04 | -- | 2E-05 | -- |
| 412 249TH ST | 1,4-Dichlorobenzene | µg/kg | 0.19 | Max | 8.7E+06 | 2.8E+04 | 2E-08 | 7E-11 |
| 412 249TH ST | 1-Methylnaphthalene | mg/kg | 0.24 | 95UCL | 1.9E+05 | 2.7E+03 | 1E-06 | 9E-10 |
| 412 249TH ST | 2,4-Dinitrotoluene | mg/kg | 0.18 | Max | 6.3E+03 | 2.8E+02 | 3E-05 | 6E-09 |
| 412 249TH ST | 2-Methylnaphthalene | mg/kg | 0.118 | 95UCL | 1.1E+04 | -- | 1E-05 | -- |
| 412 249TH ST | Benzene | µg/kg | 0.214 | 95UCL | 6.9E+04 | 2.2E+03 | 3E-06 | 1E-09 |
| 412 249TH ST | Bromomethane | µg/kg | 1.9 | Max | 7.8E+03 | -- | 2E-04 | -- |
| 412 249TH ST | Chromium, Hexavalent | mg/kg | 0.242 | 95UCL | 3.2E+03 | 6.7E+00 | 8E-05 | 4E-07 |
| 412 249TH ST | Ethylbenzene | µg/kg | 0.79 | Max | 4.5E+06 | 5.1E+04 | 2E-07 | 2E-10 |
| 412 249TH ST | Naphthalene | mg/kg | 0.0495 | 95UCL | 1.4E+02 | 3.9E+01 | 4E-04 | 1E-08 |
| 412 249TH ST | Pyrene | mg/kg | 7.081 | 95UCL | 6.7E+04 | -- | 1E-04 | -- |
| 412 249TH ST | Toluene | µg/kg | 0.156 | 95UCL | 1.6E+07 | -- | 1E-08 | -- |
| 412 249TH ST | TPH as Diesel | mg/kg | 4199 | 95UCL | 1.9E+03 | -- | **2E+00** | -- |
| 412 249TH ST | TPH as Gasoline | mg/kg | 0.545 | 95UCL | 8.6E+02 | -- | 6E-04 | -- |
| 412 249TH ST | TPH as Motor Oil | mg/kg | 6600 | 95UCL | 1.6E+05 | -- | 4E-02 | -- |
| 412 249TH ST | Xylenes, Total | µg/kg | 0.652 | 95UCL | 4.7E+05 | -- | 1E-06 | -- |

Notes:
" -- " not applicable; COC = Constituent of Concern; 95UCL = 95 percent upper confidence limit
Soil ≤10 ft bgs = less than or equal to 10 feet below ground surface
SSCG = Site-specific cleanup goals; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects
EPC = exposure point concentration based on the 95UCLs; if not available, maximum detect (Max) was used as the EPC.
**Bold** + Shaded if COC-specific noncancer hazard >1 or COC-specific cancer risk >1E-05

**Table E-5**
**COC-Specific Risk and Hazard Results, Streets**
**Construction and Utility Maintenance Worker**
**Soil ≤10 ft bgs**

| Constituent of Concern | Units | SSCGnc | SSCGc | Construction and Utility Maintenance Worker | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | EPC Based on Max | | | | EPC Based on 95UCL[1] | | | |
| | | | | EPC | EPC Basis | Noncancer Hazard | Cancer Risk | EPC | EPC Basis | Noncancer Hazard | Cancer Risk |
| 1,2,3-Trichloropropane | ug/kg | 2.0E+03 | 7.2E+03 | 1.3E+02 | Max | 7E-02 | 2E-07 | 1.3E+02 | Max | 7E-02 | 2E-07 |
| 1,2,4-Trimethylbenzene | ug/kg | 7.5E+04 | -- | 8.4E+04 | Max | 1E+00 | -- | 8.0E+03 | 95UCL | 1E-01 | -- |
| 1,3,5-Trimethylbenzene | ug/kg | 7.7E+04 | -- | 3.1E+04 | Max | 4E-01 | -- | 1.7E+03 | 95UCL | 2E-02 | -- |
| 1-Methylnaphthalene | mg/kg | 1.9E+05 | 2.7E+03 | 4.9E+01 | Max | 3E-04 | 2E-07 | 6.1E+00 | 95UCL | 3E-05 | 2E-08 |
| 2-Methylnaphthalene | mg/kg | 1.1E+04 | -- | 8.5E+01 | Max | 8E-03 | -- | 1.3E+01 | 95UCL | 1E-03 | -- |
| Antimony | mg/kg | 3.1E+03 | -- | 4.9E+00 | Max | 2E-03 | -- | 3.5E-01 | 95UCL | 1E-04 | -- |
| Benzene | ug/kg | 6.9E+04 | 2.2E+03 | 3.3E+04 | Max | 5E-01 | **1E-04** | 2.6E+03 | 95UCL | 4E-02 | 1E-05 |
| Benzo (a) Anthracene | mg/kg | -- | 2.6E+02 | 9.7E+00 | Max | -- | 4E-07 | 4.7E-01 | 95UCL | -- | 2E-08 |
| Benzo (a) Pyrene | mg/kg | -- | 2.6E+01 | 6.2E+00 | Max | -- | 2E-06 | 3.1E-01 | 95UCL | -- | 1E-07 |
| Benzo (b) Fluoranthene | mg/kg | -- | 2.6E+02 | 3.2E+00 | Max | -- | 1E-07 | 1.7E-01 | 95UCL | -- | 7E-09 |
| Benzo (k) Fluoranthene | mg/kg | -- | 2.6E+02 | 2.7E-01 | Max | -- | 1E-08 | 8.5E-03 | 95UCL | -- | 3E-10 |
| Bromodichloromethane | ug/kg | 4.9E+05 | 5.3E+03 | 1.3E+03 | Max | 3E-03 | 3E-06 | 1.3E+03 | Max | 3E-03 | 3E-06 |
| Bromomethane | ug/kg | 7.8E+03 | -- | 4.9E+02 | Max | 6E-02 | -- | 3.3E+02 | 95UCL | 6E-02 | -- |
| Cadmium | mg/kg | 6.4E+02 | 2.4E+02 | 1.3E+00 | Max | 2E-03 | 5E-08 | 2.0E-01 | 95UCL | 3E-04 | 8E-09 |
| Chrysene | mg/kg | -- | 2.6E+03 | 7.2E+01 | Max | -- | 3E-07 | 3.9E+00 | 95UCL | -- | 2E-08 |
| Cobalt | mg/kg | 2.0E+02 | 1.1E+02 | 2.7E+01 | Max | 1E-01 | 2E-06 | 9.5E+00 | 95UCL | 5E-02 | 8E-07 |
| Copper | mg/kg | 3.1E+05 | -- | 4.7E+01 | Max | 2E-04 | -- | 1.9E+01 | 95UCL | 6E-05 | -- |
| Dibenz (a,h) Anthracene | mg/kg | -- | 1.9E+01 | 1.1E-01 | Max | -- | 6E-08 | 6.3E-03 | 95UCL | -- | 3E-09 |
| Ethylbenzene | ug/kg | 4.5E+06 | 5.1E+04 | 4.2E+04 | Max | 9E-03 | 8E-06 | 5.3E+03 | 95UCL | 1E-03 | 1E-06 |
| Indeno (1,2,3-c,d) Pyrene | mg/kg | -- | 2.6E+02 | 1.8E+00 | Max | -- | 7E-08 | 5.8E-02 | 95UCL | -- | 2E-09 |
| Lead | mg/kg | 1.2E+03 | -- | 2.0E+02 | Max | 2E-01 | -- | 1.6E+01 | 95UCL | 1E-02 | -- |
| Methylene Chloride | ug/kg | 1.2E+06 | 5.9E+04 | 2.3E+02 | Max | 2E-04 | 4E-08 | 2.3E+02 | Max | 2E-04 | 4E-08 |
| Naphthalene | mg/kg | 1.4E+02 | 3.9E+01 | 4.7E+01 | Max | 3E-01 | 1E-05 | 7.0E+00 | 95UCL | 5E-02 | 2E-06 |
| Pyrene | mg/kg | 6.7E+04 | -- | 1.2E+02 | Max | 2E-03 | -- | 6.1E+00 | 95UCL | 9E-05 | -- |
| Tetrachloroethene | ug/kg | 8.6E+04 | 1.0E+04 | 2.9E+01 | Max | 3E-04 | 3E-08 | 2.9E+01 | Max | 3E-04 | 3E-08 |
| Thallium | mg/kg | 7.7E+01 | -- | 2.9E+00 | Max | 4E-02 | -- | 2.1E-01 | 95UCL | 3E-03 | -- |
| Toluene | ug/kg | 1.6E+07 | -- | 1.2E+04 | Max | 7E-04 | -- | 5.8E+02 | 95UCL | 4E-05 | -- |
| TPH as Diesel | mg/kg | 1.9E+03 | -- | 8.2E+04 | Max | **4E+01** | -- | 8.3E+03 | 95UCL | **4E+00** | -- |
| TPH as Gasoline | mg/kg | 8.6E+02 | -- | 9.8E+03 | Max | **1E+01** | -- | 1.2E+03 | 95UCL | 1E+00 | -- |
| TPH as Motor Oil | mg/kg | 1.6E+05 | -- | 1.2E+05 | Max | 8E-01 | -- | 1.2E+04 | 95UCL | 7E-02 | -- |
| Vanadium | mg/kg | 3.3E+03 | -- | 7.8E+01 | Max | 2E-02 | -- | 3.5E+01 | 95UCL | 1E-02 | -- |
| Xylenes, Total | ug/kg | 4.7E+05 | -- | 1.4E+05 | Max | 3E-01 | -- | 1.2E+04 | 95UCL | 2E-02 | -- |
| Zinc | mg/kg | 2.3E+06 | -- | 4.3E+02 | Max | 2E-04 | -- | 5.6E+01 | 95UCL | 2E-05 | -- |
| **Cumulative Noncancer Hazard and Cancer Risk =** | | | | | | **6E+01** | **2E-04** | | | **6E+00** | **2E-05** |

Notes:

" -- " not applicable

COC = Constituent of Concern; EPC = exposure point concentration; 95UCL = 95 percent upper confidence limit

Soil ≤10 ft bgs = less than or equal to 10 feet below ground surface

SSCG = Site-specific cleanup goals; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects

[1] EPCs were based on the 95UCLs; however, if not available, the maximum detect (Max) was used as the EPC.

**Bold** + Shaded if COC-specific noncancer hazard >1 or COC-specific cancer risk >1E-05

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24401 MARBELLA AVE | 1,2-Dichloroethane | 4.5E+00 | 3.7E+03 | 5.9E+01 | 1E-03 | 8E-08 |
| 24401 MARBELLA AVE | 1,4-Dioxane | 3.4E+01 | 1.6E+06 | 1.6E+02 | 2E-05 | 2E-07 |
| 24401 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.4E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24401 MARBELLA AVE | Benzene | 5.9E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 24401 MARBELLA AVE | Chloroform | 4.2E+00 | 5.1E+04 | 2.3E+02 | 8E-05 | 2E-08 |
| 24401 MARBELLA AVE | Ethanol | 1.5E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24401 MARBELLA AVE | Heptane | 7.1E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24401 MARBELLA AVE | Methylene Chloride | 4.0E+00 | 3.1E+05 | 1.2E+03 | 1E-05 | 3E-09 |
| 24401 MARBELLA AVE | Naphthalene | 2.9E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24401 MARBELLA AVE | Tetrachloroethene | 1.7E+02 | 2.1E+04 | 2.1E+02 | 8E-03 | 8E-07 |
| 24401 MARBELLA AVE | Toluene | 6.7E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24402 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.9E+01 | 3.7E+03 | -- | 5E-03 | -- |
| 24402 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 6.6E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24402 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24402 NEPTUNE AVE | 4-Ethyltoluene | 1.3E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24402 NEPTUNE AVE | Benzene | 5.1E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24402 NEPTUNE AVE | Ethanol | 1.5E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24402 NEPTUNE AVE | Hexane | 4.3E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24402 NEPTUNE AVE | Naphthalene | 2.7E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24402 NEPTUNE AVE | o-Xylene | 1.0E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24402 NEPTUNE AVE | p/m-Xylene | 2.3E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24402 NEPTUNE AVE | Toluene | 4.3E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24402 PANAMA AVE | Chloroform | 7.2E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24402 PANAMA AVE | Cyclohexane | 9.9E+00 | 3.1E+06 | -- | 3E-06 | -- |
| 24402 PANAMA AVE | Naphthalene | 1.1E+01 | 1.6E+03 | 3.6E+01 | 7E-03 | 3E-07 |
| 24402 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24402 RAVENNA AVE | Bromodichloromethane | 9.0E+00 | 3.7E+04 | 3.3E+01 | 3E-04 | 3E-07 |
| 24402 RAVENNA AVE | Chloroform | 2.4E+02 | 5.1E+04 | 2.3E+02 | 5E-03 | 1E-06 |
| 24402 RAVENNA AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24402 RAVENNA AVE | Hexane | 2.0E+00 | 3.7E+05 | -- | 6E-06 | -- |
| 24402 RAVENNA AVE | Isopropanol | 1.7E+03 | 3.7E+06 | -- | 5E-04 | -- |
| 24402 RAVENNA AVE | Naphthalene | 1.0E+00 | 1.6E+03 | 3.6E+01 | 6E-04 | 3E-08 |
| 24402 RAVENNA AVE | Toluene | 3.0E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 24403 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.1E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24403 NEPTUNE AVE | Carbon Disulfide | 2.1E+01 | 3.7E+05 | -- | 6E-05 | -- |
| 24403 NEPTUNE AVE | Chloroform | 7.1E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24403 NEPTUNE AVE | Ethanol | 1.8E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24403 NEPTUNE AVE | Naphthalene | 3.9E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24403 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.0E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24403 RAVENNA AVE | Benzene | 5.9E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 24403 RAVENNA AVE | Carbon Disulfide | 4.7E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24403 RAVENNA AVE | Naphthalene | 6.1E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24403 RAVENNA AVE | Toluene | 3.4E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 24405 MARBELLA AVE | 1,4-Dioxane | 2.5E+01 | 1.6E+06 | 1.6E+02 | 2E-05 | 2E-07 |
| 24405 MARBELLA AVE | Isopropanol | 1.1E+01 | 3.7E+06 | -- | 3E-06 | -- |
| 24405 MARBELLA AVE | Naphthalene | 6.3E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24405 MARBELLA AVE | Tetrachloroethene | 1.2E+02 | 2.1E+04 | 2.1E+02 | 6E-03 | 6E-07 |
| 24406 MARBELLA AVE | 2,2,4-Trimethylpentane | 7.5E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24406 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24406 MARBELLA AVE | Benzene | 8.7E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 24406 MARBELLA AVE | Chloroform | 6.4E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24406 MARBELLA AVE | Cumene (Isopropylbenzene) | 8.8E+00 | 2.1E+05 | -- | 4E-05 | -- |
| 24406 MARBELLA AVE | Cyclohexane | 8.9E+01 | 3.1E+06 | -- | 3E-05 | -- |
| 24406 MARBELLA AVE | Ethanol | 2.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24406 MARBELLA AVE | Ethylbenzene | 1.4E+01 | 5.2E+05 | 4.9E+02 | 3E-05 | 3E-08 |
| 24406 MARBELLA AVE | Heptane | 7.0E+00 | 3.7E+05 | -- | 2E-05 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | **Onsite Resident** (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24406 MARBELLA AVE | Hexane | 4.7E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24406 MARBELLA AVE | Isopropanol | 2.9E+01 | 3.7E+06 | -- | 8E-06 | -- |
| 24406 MARBELLA AVE | Naphthalene | 1.8E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 24406 MARBELLA AVE | p/m-Xylene | 1.2E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24406 MARBELLA AVE | Toluene | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24406 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 9.1E+00 | 3.7E+03 | -- | 3E-03 | -- |
| 24406 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.1E+02 | 2.6E+06 | -- | 8E-05 | -- |
| 24406 NEPTUNE AVE | 2-Hexanone | 2.8E+00 | 1.6E+04 | -- | 2E-04 | -- |
| 24406 NEPTUNE AVE | 4-Ethyltoluene | 6.1E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24406 NEPTUNE AVE | Benzene | 7.6E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 24406 NEPTUNE AVE | Carbon Disulfide | 1.8E+01 | 3.7E+05 | -- | 5E-05 | -- |
| 24406 NEPTUNE AVE | Carbon Tetrachloride | 8.8E+01 | 5.2E+04 | 2.9E+01 | 2E-03 | **3E-06** |
| 24406 NEPTUNE AVE | Chloroform | 4.2E+01 | 5.1E+04 | 2.3E+02 | 8E-04 | 2E-07 |
| 24406 NEPTUNE AVE | Ethanol | 1.2E+03 | 2.1E+06 | -- | 6E-04 | -- |
| 24406 NEPTUNE AVE | Ethylbenzene | 6.5E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 1E-08 |
| 24406 NEPTUNE AVE | Isopropanol | 2.0E+02 | 3.7E+06 | -- | 6E-05 | -- |
| 24406 NEPTUNE AVE | Methylene Chloride | 7.3E+01 | 3.1E+05 | 1.2E+03 | 2E-04 | 6E-08 |
| 24406 NEPTUNE AVE | Naphthalene | 8.0E+01 | 1.6E+03 | 3.6E+01 | 5E-02 | **2E-06** |
| 24406 NEPTUNE AVE | o-Xylene | 6.0E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24406 NEPTUNE AVE | p/m-Xylene | 1.3E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24406 NEPTUNE AVE | Tetrahydrofuran | 7.7E+01 | 1.0E+06 | -- | 7E-05 | -- |
| 24406 NEPTUNE AVE | Toluene | 9.4E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24406 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24406 PANAMA AVE | Carbon Disulfide | 4.5E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24406 PANAMA AVE | Chloroform | 6.4E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24406 PANAMA AVE | Cumene (Isopropylbenzene) | 8.7E+00 | 2.1E+05 | -- | 4E-05 | -- |
| 24406 PANAMA AVE | Ethanol | 4.2E+02 | 2.1E+06 | -- | 2E-04 | -- |
| 24406 PANAMA AVE | Hexane | 4.1E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24406 PANAMA AVE | Isopropanol | 2.4E+01 | 3.7E+06 | -- | 7E-06 | -- |
| 24406 PANAMA AVE | Naphthalene | 6.0E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24406 PANAMA AVE | Toluene | 6.6E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24406 PANAMA AVE | Trichloroethene | 6.7E+01 | 1.0E+03 | 2.2E+02 | 6E-02 | 3E-07 |
| 24406 RAVENNA AVE | Naphthalene | 1.2E+00 | 1.6E+03 | 3.6E+01 | 8E-04 | 3E-08 |
| 24409 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.7E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24409 NEPTUNE AVE | Carbon Disulfide | 5.7E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24409 NEPTUNE AVE | Chloroform | 1.7E+00 | 5.1E+04 | 2.3E+02 | 3E-05 | 7E-09 |
| 24409 NEPTUNE AVE | Ethanol | 1.9E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24409 NEPTUNE AVE | Naphthalene | 4.7E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24409 RAVENNA AVE | 1,4-Dioxane | 3.6E+01 | 1.6E+06 | 1.6E+02 | 2E-05 | 2E-07 |
| 24409 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.4E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 24409 RAVENNA AVE | Chloroform | 9.8E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 24409 RAVENNA AVE | Naphthalene | 1.5E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 4E-08 |
| 24410 PANAMA AVE | 1,2,4-Trimethylbenzene | 7.9E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24410 PANAMA AVE | 4-Ethyltoluene | 6.2E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24410 PANAMA AVE | Chloroform | 4.2E+00 | 5.1E+04 | 2.3E+02 | 8E-05 | 2E-08 |
| 24410 PANAMA AVE | Ethanol | 1.7E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24410 PANAMA AVE | Naphthalene | 1.0E+00 | 1.6E+03 | 3.6E+01 | 6E-04 | 3E-08 |
| 24410 PANAMA AVE | p/m-Xylene | 7.5E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24410 PANAMA AVE | Tetrachloroethene | 1.9E+00 | 2.1E+04 | 2.1E+02 | 9E-05 | 9E-09 |
| 24411 MARBELLA AVE | 1,2,4-Trimethylbenzene | 1.5E+01 | 3.7E+03 | -- | 4E-03 | -- |
| 24411 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24411 MARBELLA AVE | 4-Ethyltoluene | 1.3E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24411 MARBELLA AVE | Benzene | 8.4E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 24411 MARBELLA AVE | Carbon Disulfide | 6.4E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24411 MARBELLA AVE | Ethanol | 2.8E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24411 MARBELLA AVE | Ethylbenzene | 7.5E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 2E-08 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24411 MARBELLA AVE | Hexane | 6.1E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24411 MARBELLA AVE | Isopropanol | 2.7E+01 | 3.7E+06 | -- | 7E-06 | -- |
| 24411 MARBELLA AVE | Naphthalene | 2.5E+01 | 1.6E+03 | 3.6E+01 | 2E-02 | 7E-07 |
| 24411 MARBELLA AVE | o-Xylene | 1.3E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24411 MARBELLA AVE | p/m-Xylene | 2.7E+01 | 5.2E+04 | -- | 5E-04 | -- |
| 24411 MARBELLA AVE | Tetrachloroethene | 1.9E+01 | 2.1E+04 | 2.1E+02 | 9E-04 | 9E-08 |
| 24411 MARBELLA AVE | Toluene | 4.8E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24411 MARBELLA AVE | Trichloroethene | 3.7E+01 | 1.0E+03 | 2.2E+02 | 4E-02 | 2E-07 |
| 24411 PANAMA AVE | 1,2,4-Trimethylbenzene | 3.2E+01 | 3.7E+03 | -- | 9E-03 | -- |
| 24411 PANAMA AVE | 1,3,5-Trimethylbenzene | 1.2E+01 | 3.7E+03 | -- | 3E-03 | -- |
| 24411 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24411 PANAMA AVE | 4-Ethyltoluene | 2.9E+01 | 5.2E+04 | -- | 6E-04 | -- |
| 24411 PANAMA AVE | Benzene | 3.4E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 8E-07 |
| 24411 PANAMA AVE | Carbon Disulfide | 6.6E+01 | 3.7E+05 | -- | 2E-04 | -- |
| 24411 PANAMA AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24411 PANAMA AVE | Ethylbenzene | 2.2E+01 | 5.2E+05 | 4.9E+02 | 4E-05 | 5E-08 |
| 24411 PANAMA AVE | Naphthalene | 3.7E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24411 PANAMA AVE | o-Xylene | 8.7E+01 | 5.2E+04 | -- | 2E-03 | -- |
| 24411 PANAMA AVE | p/m-Xylene | 1.9E+02 | 5.2E+04 | -- | 4E-03 | -- |
| 24411 PANAMA AVE | Tetrachloroethene | 7.4E+01 | 2.1E+04 | 2.1E+02 | 4E-03 | 4E-07 |
| 24411 PANAMA AVE | Toluene | 1.9E+02 | 2.6E+06 | -- | 7E-05 | -- |
| 24412 MARBELLA AVE | 1,4-Dioxane | 2.0E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 24412 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24412 MARBELLA AVE | 2-Hexanone | 2.2E+00 | 1.6E+04 | -- | 1E-04 | -- |
| 24412 MARBELLA AVE | Benzene | 5.1E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24412 MARBELLA AVE | Chloroform | 3.0E+01 | 5.1E+04 | 2.3E+02 | 6E-04 | 1E-07 |
| 24412 MARBELLA AVE | cis-1,2-Dichloroethene | 3.2E+01 | 3.7E+03 | -- | 9E-03 | -- |
| 24412 MARBELLA AVE | Cumene (Isopropylbenzene) | 2.2E+00 | 2.1E+05 | -- | 1E-05 | -- |
| 24412 MARBELLA AVE | Ethanol | 2.2E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24412 MARBELLA AVE | Isopropanol | 4.7E+01 | 3.7E+06 | -- | 1E-05 | -- |
| 24412 MARBELLA AVE | Methyl-tert-Butyl Ether | 1.9E+01 | 1.6E+06 | 4.7E+03 | 1E-05 | 4E-09 |
| 24412 MARBELLA AVE | Naphthalene | 6.7E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24412 MARBELLA AVE | Tetrachloroethene | 1.8E+00 | 2.1E+04 | 2.1E+02 | 9E-05 | 9E-09 |
| 24412 MARBELLA AVE | Toluene | 1.4E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24412 MARBELLA AVE | Trichloroethene | 7.2E+02 | 1.0E+03 | 2.2E+02 | 7E-01 | **3E-06** |
| 24412 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.4E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24412 RAVENNA AVE | Benzene | 8.7E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 24412 RAVENNA AVE | Ethanol | 1.7E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24412 RAVENNA AVE | Tetrahydrofuran | 4.6E+00 | 1.0E+06 | -- | 4E-06 | -- |
| 24413 NEPTUNE AVE | Benzene | 3.9E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 9E-08 |
| 24413 NEPTUNE AVE | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24413 NEPTUNE AVE | Ethylbenzene | 3.1E+01 | 5.2E+05 | 4.9E+02 | 6E-05 | 6E-08 |
| 24413 NEPTUNE AVE | Heptane | 3.8E+01 | 3.7E+05 | -- | 1E-04 | -- |
| 24413 NEPTUNE AVE | Hexane | 3.2E+01 | 3.7E+05 | -- | 9E-05 | -- |
| 24413 NEPTUNE AVE | Naphthalene | 6.3E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24413 NEPTUNE AVE | p/m-Xylene | 8.7E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24413 NEPTUNE AVE | Toluene | 1.2E+03 | 2.6E+06 | -- | 5E-04 | -- |
| 24413 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.2E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24413 RAVENNA AVE | Benzene | 4.1E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24413 RAVENNA AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24413 RAVENNA AVE | Hexane | 4.2E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24413 RAVENNA AVE | Naphthalene | 8.0E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24416 MARBELLA AVE | Carbon Disulfide | 3.8E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24416 MARBELLA AVE | Chloroform | 1.9E+01 | 5.1E+04 | 2.3E+02 | 4E-04 | 8E-08 |
| 24416 MARBELLA AVE | Naphthalene | 1.5E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 4E-08 |
| 24416 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.7E+00 | 2.6E+06 | -- | 3E-06 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24416 NEPTUNE AVE | Chloroform | 1.3E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 6E-08 |
| 24416 NEPTUNE AVE | Isopropanol | 1.2E+01 | 3.7E+06 | -- | 3E-06 | -- |
| 24416 NEPTUNE AVE | Naphthalene | 2.1E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24416 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.4E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24416 PANAMA AVE | Benzene | 2.7E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 6E-07 |
| 24416 PANAMA AVE | Ethanol | 1.7E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24416 PANAMA AVE | Hexane | 4.2E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24416 PANAMA AVE | Isopropanol | 5.1E+00 | 3.7E+06 | -- | 1E-06 | -- |
| 24416 PANAMA AVE | Naphthalene | 7.5E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24416 PANAMA AVE | Toluene | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24416 PANAMA AVE | Trichloroethene | 5.9E+00 | 1.0E+03 | 2.2E+02 | 6E-03 | 3E-08 |
| 24416 RAVENNA AVE | 1,2,4-Trimethylbenzene | 7.3E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24416 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.9E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24416 RAVENNA AVE | Benzene | 2.2E+02 | 1.6E+04 | 4.2E+01 | 1E-02 | **5E-06** |
| 24416 RAVENNA AVE | Carbon Disulfide | 1.4E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24416 RAVENNA AVE | Cumene (Isopropylbenzene) | 2.4E+01 | 2.1E+05 | -- | 1E-04 | -- |
| 24416 RAVENNA AVE | Ethanol | 2.8E+02 | 2.1E+06 | -- | 1E-04 | -- |
| 24416 RAVENNA AVE | Isopropanol | 1.9E+01 | 3.7E+06 | -- | 5E-06 | -- |
| 24416 RAVENNA AVE | Methylene Chloride | 6.9E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 6E-09 |
| 24416 RAVENNA AVE | Naphthalene | 9.3E+00 | 1.6E+03 | 3.6E+01 | 6E-03 | 3E-07 |
| 24416 RAVENNA AVE | p/m-Xylene | 9.0E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24416 RAVENNA AVE | Tetrahydrofuran | 7.4E+00 | 1.0E+06 | -- | 7E-06 | -- |
| 24416 RAVENNA AVE | Toluene | 9.5E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24417 MARBELLA AVE | Naphthalene | 3.3E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 9E-08 |
| 24417 MARBELLA AVE | Tetrachloroethene | 1.9E+01 | 2.1E+04 | 2.1E+02 | 9E-04 | 9E-08 |
| 24417 MARBELLA AVE | Tetrahydrofuran | 3.8E+00 | 1.0E+06 | -- | 4E-06 | -- |
| 24417 PANAMA AVE | Naphthalene | 2.9E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24417 PANAMA AVE | Toluene | 3.0E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24419 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24419 NEPTUNE AVE | Benzene | 8.9E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 24419 NEPTUNE AVE | Chloroform | 1.4E+03 | 5.1E+04 | 2.3E+02 | 3E-02 | **6E-06** |
| 24419 NEPTUNE AVE | Ethanol | 9.2E+01 | 2.1E+06 | -- | 4E-05 | -- |
| 24419 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24419 RAVENNA AVE | Benzene | 3.2E+00 | 1.6E+04 | 4.2E+01 | 2E-04 | 8E-08 |
| 24419 RAVENNA AVE | Chloroform | 2.5E+01 | 5.1E+04 | 2.3E+02 | 5E-04 | 1E-07 |
| 24419 RAVENNA AVE | Ethanol | 1.5E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24419 RAVENNA AVE | Naphthalene | 1.6E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 24420 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24420 PANAMA AVE | Ethanol | 3.4E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24420 PANAMA AVE | Naphthalene | 2.6E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 7E-08 |
| 24421 PANAMA AVE | 2,2,4-Trimethylpentane | 2.0E+00 | 5.2E+05 | -- | 4E-06 | -- |
| 24421 PANAMA AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24421 PANAMA AVE | Naphthalene | 2.0E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24421 PANAMA AVE | Tetrachloroethene | 2.3E+00 | 2.1E+04 | 2.1E+02 | 1E-04 | 1E-08 |
| 24421 PANAMA AVE | Trichloroethene | 2.7E+00 | 1.0E+03 | 2.2E+02 | 3E-03 | 1E-08 |
| 24422 MARBELLA AVE | 2,2,4-Trimethylpentane | 6.3E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24422 MARBELLA AVE | Bromodichloromethane | 3.5E+00 | 3.7E+04 | 3.3E+01 | 1E-04 | 1E-07 |
| 24422 MARBELLA AVE | Chloroform | 1.8E+01 | 5.1E+04 | 2.3E+02 | 4E-04 | 8E-08 |
| 24422 MARBELLA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24422 MARBELLA AVE | Naphthalene | 4.6E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24422 MARBELLA AVE | p/m-Xylene | 5.4E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24422 MARBELLA AVE | Toluene | 4.6E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24422 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 4.3E+01 | 3.7E+03 | -- | 1E-02 | -- |
| 24422 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 1.4E+01 | 3.7E+03 | -- | 4E-03 | -- |
| 24422 NEPTUNE AVE | 1,4-Dioxane | 2.2E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 24422 NEPTUNE AVE | 4-Ethyltoluene | 2.8E+01 | 5.2E+04 | -- | 5E-04 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24422 NEPTUNE AVE | Benzene | 5.8E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 24422 NEPTUNE AVE | Chloroform | 4.8E+01 | 5.1E+04 | 2.3E+02 | 9E-04 | 2E-07 |
| 24422 NEPTUNE AVE | Cumene (Isopropylbenzene) | 6.3E+00 | 2.1E+05 | -- | 3E-05 | -- |
| 24422 NEPTUNE AVE | Ethanol | 2.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24422 NEPTUNE AVE | Ethylbenzene | 6.8E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 1E-08 |
| 24422 NEPTUNE AVE | Hexane | 6.9E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24422 NEPTUNE AVE | o-Xylene | 2.2E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24422 NEPTUNE AVE | p/m-Xylene | 4.6E+01 | 5.2E+04 | -- | 9E-04 | -- |
| 24422 NEPTUNE AVE | Toluene | 1.7E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24422 RAVENNA AVE | Ethanol | 1.0E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24422 RAVENNA AVE | Naphthalene | 2.2E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24422 RAVENNA AVE | Toluene | 7.8E+01 | 2.6E+06 | -- | 3E-05 | -- |
| 24423 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.9E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24423 MARBELLA AVE | Benzene | 5.6E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 24423 MARBELLA AVE | Carbon Disulfide | 2.7E+01 | 3.7E+05 | -- | 7E-05 | -- |
| 24423 MARBELLA AVE | Ethanol | 2.9E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24423 MARBELLA AVE | Naphthalene | 1.2E+00 | 1.6E+03 | 3.6E+01 | 8E-04 | 3E-08 |
| 24423 MARBELLA AVE | Tetrachloroethene | 2.6E+02 | 2.1E+04 | 2.1E+02 | 1E-02 | 1E-06 |
| 24423 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 4.5E+00 | 3.7E+03 | -- | 1E-03 | -- |
| 24423 NEPTUNE AVE | 2,2,4-Trimethylpentane | 6.9E+01 | 5.2E+05 | -- | 1E-04 | -- |
| 24423 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24423 NEPTUNE AVE | 4-Ethyltoluene | 5.4E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24423 NEPTUNE AVE | Benzene | 1.6E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 4E-07 |
| 24423 NEPTUNE AVE | Bromomethane | 3.5E+01 | 2.6E+03 | -- | 1E-02 | -- |
| 24423 NEPTUNE AVE | Carbon Disulfide | 8.1E+01 | 3.7E+05 | -- | 2E-04 | -- |
| 24423 NEPTUNE AVE | Chloroform | 9.3E+02 | 5.1E+04 | 2.3E+02 | 2E-02 | **4E-06** |
| 24423 NEPTUNE AVE | Cyclohexane | 2.3E+01 | 3.1E+06 | -- | 7E-06 | -- |
| 24423 NEPTUNE AVE | Ethanol | 2.2E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24423 NEPTUNE AVE | Ethylbenzene | 4.2E+00 | 5.2E+05 | 4.9E+02 | 8E-06 | 9E-09 |
| 24423 NEPTUNE AVE | Heptane | 8.6E+02 | 3.7E+05 | -- | 2E-03 | -- |
| 24423 NEPTUNE AVE | Hexane | 6.3E+02 | 3.7E+05 | -- | 2E-03 | -- |
| 24423 NEPTUNE AVE | Isopropanol | 1.7E+04 | 3.7E+06 | -- | 5E-03 | -- |
| 24423 NEPTUNE AVE | Methylene Chloride | 5.5E+02 | 3.1E+05 | 1.2E+03 | 2E-03 | 5E-07 |
| 24423 NEPTUNE AVE | Naphthalene | 2.8E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24423 NEPTUNE AVE | o-Xylene | 5.8E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24423 NEPTUNE AVE | p/m-Xylene | 1.6E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24423 NEPTUNE AVE | Toluene | 1.8E+02 | 2.6E+06 | -- | 7E-05 | -- |
| 24423 NEPTUNE AVE | Vinyl Chloride | 2.7E+01 | 5.2E+04 | 1.6E+01 | 5E-04 | **2E-06** |
| 24423 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.9E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24423 RAVENNA AVE | Benzene | 3.9E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 9E-08 |
| 24423 RAVENNA AVE | Chloroform | 1.0E+02 | 5.1E+04 | 2.3E+02 | 2E-03 | 4E-07 |
| 24423 RAVENNA AVE | Cumene (Isopropylbenzene) | 6.0E+00 | 2.1E+05 | -- | 3E-05 | -- |
| 24423 RAVENNA AVE | Naphthalene | 5.8E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24426 MARBELLA AVE | 1,2,4-Trimethylbenzene | 5.7E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24426 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24426 MARBELLA AVE | Carbon Disulfide | 5.7E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24426 MARBELLA AVE | Naphthalene | 1.4E+01 | 1.6E+03 | 3.6E+01 | 9E-03 | 4E-07 |
| 24426 MARBELLA AVE | Tetrachloroethene | 1.9E+01 | 2.1E+04 | 2.1E+02 | 9E-04 | 9E-08 |
| 24426 NEPTUNE AVE | 1,4-Dioxane | 1.8E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 24426 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24426 NEPTUNE AVE | Benzene | 1.7E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 4E-07 |
| 24426 NEPTUNE AVE | Bromomethane | 4.5E+00 | 2.6E+03 | -- | 2E-03 | -- |
| 24426 NEPTUNE AVE | Carbon Disulfide | 1.3E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24426 NEPTUNE AVE | Cumene (Isopropylbenzene) | 1.1E+01 | 2.1E+05 | -- | 5E-05 | -- |
| 24426 NEPTUNE AVE | Ethanol | 9.6E+00 | 2.1E+06 | -- | 5E-06 | -- |
| 24426 NEPTUNE AVE | Isopropanol | 1.9E+01 | 3.7E+06 | -- | 5E-06 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24426 NEPTUNE AVE | Methylene Chloride | 5.0E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 4E-09 |
| 24426 NEPTUNE AVE | Naphthalene | 5.2E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 2E-07 |
| 24426 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.7E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24426 PANAMA AVE | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24426 PANAMA AVE | Heptane | 6.8E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24426 PANAMA AVE | Hexane | 1.2E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24426 PANAMA AVE | Methylene Chloride | 4.5E+00 | 3.1E+05 | 1.2E+03 | 1E-05 | 4E-09 |
| 24426 PANAMA AVE | Naphthalene | 2.1E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24426 PANAMA AVE | Toluene | 2.4E+01 | 2.6E+06 | -- | 9E-06 | -- |
| 24426 RAVENNA AVE | 1,2,4-Trimethylbenzene | 2.2E+01 | 3.7E+03 | -- | 6E-03 | -- |
| 24426 RAVENNA AVE | 1,3,5-Trimethylbenzene | 5.7E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24426 RAVENNA AVE | 2,2,4-Trimethylpentane | 6.2E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24426 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.2E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24426 RAVENNA AVE | 4-Ethyltoluene | 1.5E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24426 RAVENNA AVE | Ethanol | 8.9E+00 | 2.1E+06 | -- | 4E-06 | -- |
| 24426 RAVENNA AVE | Ethylbenzene | 5.6E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 1E-08 |
| 24426 RAVENNA AVE | Naphthalene | 2.6E+01 | 1.6E+03 | 3.6E+01 | 2E-02 | 7E-07 |
| 24426 RAVENNA AVE | o-Xylene | 9.8E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24426 RAVENNA AVE | p/m-Xylene | 1.9E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24426 RAVENNA AVE | Toluene | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24427 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24427 MARBELLA AVE | Ethanol | 1.9E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24427 MARBELLA AVE | Naphthalene | 2.9E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24427 MARBELLA AVE | Tetrachloroethene | 8.0E+00 | 2.1E+04 | 2.1E+02 | 4E-04 | 4E-08 |
| 24427 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24427 PANAMA AVE | Benzene | 6.7E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 2E-07 |
| 24427 PANAMA AVE | Chloroform | 3.4E+01 | 5.1E+04 | 2.3E+02 | 7E-04 | 2E-07 |
| 24427 PANAMA AVE | Naphthalene | 7.4E-01 | 1.6E+03 | 3.6E+01 | 5E-04 | 2E-08 |
| 24429 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 6.2E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24429 NEPTUNE AVE | 2,2,4-Trimethylpentane | 5.5E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24429 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.0E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24429 NEPTUNE AVE | Bromomethane | 1.0E+01 | 2.6E+03 | -- | 4E-03 | -- |
| 24429 NEPTUNE AVE | cis-1,2-Dichloroethene | 3.1E+01 | 3.7E+03 | -- | 9E-03 | -- |
| 24429 NEPTUNE AVE | Ethanol | 4.0E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24429 NEPTUNE AVE | Isopropanol | 3.5E+01 | 3.7E+06 | -- | 1E-05 | -- |
| 24429 NEPTUNE AVE | Methylene Chloride | 4.6E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 4E-09 |
| 24429 NEPTUNE AVE | Naphthalene | 1.4E+00 | 1.6E+03 | 3.6E+01 | 9E-04 | 4E-08 |
| 24429 NEPTUNE AVE | p/m-Xylene | 4.5E+00 | 5.2E+04 | -- | 9E-05 | -- |
| 24429 NEPTUNE AVE | Tetrachloroethene | 3.6E+02 | 2.1E+04 | 2.1E+02 | 2E-02 | **2E-06** |
| 24429 NEPTUNE AVE | Tetrahydrofuran | 3.3E+01 | 1.0E+06 | -- | 3E-05 | -- |
| 24429 NEPTUNE AVE | Toluene | 3.3E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24429 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.8E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24429 RAVENNA AVE | Carbon Disulfide | 7.0E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24429 RAVENNA AVE | Chloroform | 2.4E+01 | 5.1E+04 | 2.3E+02 | 5E-04 | 1E-07 |
| 24429 RAVENNA AVE | Isopropanol | 2.5E+01 | 3.7E+06 | -- | 7E-06 | -- |
| 24429 RAVENNA AVE | Naphthalene | 1.6E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 24430 PANAMA AVE | 1,4-Dichlorobenzene | 1.1E+01 | 4.2E+05 | 1.1E+02 | 3E-05 | 1E-07 |
| 24430 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.9E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24430 PANAMA AVE | Benzene | 5.8E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 24430 PANAMA AVE | Carbon Disulfide | 1.7E+01 | 3.7E+05 | -- | 5E-05 | -- |
| 24430 PANAMA AVE | Ethanol | 3.7E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24430 PANAMA AVE | Isopropanol | 1.8E+01 | 3.7E+06 | -- | 5E-06 | -- |
| 24430 PANAMA AVE | Naphthalene | 1.1E+01 | 1.6E+03 | 3.6E+01 | 7E-03 | 3E-07 |
| 24430 PANAMA AVE | p/m-Xylene | 1.9E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24430 PANAMA AVE | Tetrachloroethene | 2.1E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 1E-07 |
| 24430 PANAMA AVE | Toluene | 3.1E+01 | 2.6E+06 | -- | 1E-05 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24431 PANAMA AVE | 1,2,4-Trimethylbenzene | 6.1E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24431 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.2E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24431 PANAMA AVE | Ethanol | 9.7E+00 | 2.1E+06 | -- | 5E-06 | -- |
| 24431 PANAMA AVE | Naphthalene | 4.3E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24431 PANAMA AVE | o-Xylene | 7.7E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24431 PANAMA AVE | p/m-Xylene | 2.1E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24431 PANAMA AVE | Toluene | 2.1E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24432 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24432 MARBELLA AVE | Benzene | 8.3E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 24432 MARBELLA AVE | Chloroform | 1.4E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 6E-08 |
| 24432 MARBELLA AVE | Ethanol | 1.8E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24432 MARBELLA AVE | Isopropanol | 1.2E+01 | 3.7E+06 | -- | 3E-06 | -- |
| 24432 MARBELLA AVE | Naphthalene | 5.9E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24432 MARBELLA AVE | o-Xylene | 6.9E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24432 MARBELLA AVE | p/m-Xylene | 1.9E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24432 MARBELLA AVE | Toluene | 4.1E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24433 MARBELLA AVE | 1,2,4-Trimethylbenzene | 2.0E+02 | 3.7E+03 | -- | 6E-02 | -- |
| 24433 MARBELLA AVE | 1,3,5-Trimethylbenzene | 9.3E+01 | 3.7E+03 | -- | 3E-02 | -- |
| 24433 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.9E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24433 MARBELLA AVE | 4-Ethyltoluene | 2.3E+02 | 5.2E+04 | -- | 4E-03 | -- |
| 24433 MARBELLA AVE | Benzene | 5.8E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 24433 MARBELLA AVE | Chloroform | 7.1E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24433 MARBELLA AVE | Cumene (Isopropylbenzene) | 1.3E+01 | 2.1E+05 | -- | 6E-05 | -- |
| 24433 MARBELLA AVE | Ethanol | 2.6E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24433 MARBELLA AVE | Ethylbenzene | 1.0E+01 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 24433 MARBELLA AVE | Heptane | 3.7E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24433 MARBELLA AVE | Isopropanol | 9.3E+00 | 3.7E+06 | -- | 3E-06 | -- |
| 24433 MARBELLA AVE | Naphthalene | 3.1E+01 | 1.6E+03 | 3.6E+01 | 2E-02 | 9E-07 |
| 24433 MARBELLA AVE | o-Xylene | 1.1E+02 | 5.2E+04 | -- | 2E-03 | -- |
| 24433 MARBELLA AVE | p/m-Xylene | 8.7E+01 | 5.2E+04 | -- | 2E-03 | -- |
| 24433 MARBELLA AVE | Propylbenzene | 1.4E+01 | 5.2E+05 | -- | 3E-05 | -- |
| 24433 MARBELLA AVE | Tetrachloroethene | 2.0E+02 | 2.1E+04 | 2.1E+02 | 1E-02 | 1E-06 |
| 24433 MARBELLA AVE | Toluene | 9.3E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24436 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24436 PANAMA AVE | Benzene | 7.1E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 24436 PANAMA AVE | Chloroform | 9.8E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 24436 PANAMA AVE | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24436 PANAMA AVE | Isopropanol | 2.8E+01 | 3.7E+06 | -- | 8E-06 | -- |
| 24436 PANAMA AVE | Naphthalene | 3.4E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24436 PANAMA AVE | Tetrachloroethene | 9.6E+00 | 2.1E+04 | 2.1E+02 | 5E-04 | 5E-08 |
| 24436 PANAMA AVE | Toluene | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24502 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24502 MARBELLA AVE | Bromodichloromethane | 1.5E+01 | 3.7E+04 | 3.3E+01 | 4E-04 | 5E-07 |
| 24502 MARBELLA AVE | Bromomethane | 5.9E+00 | 2.6E+03 | -- | 2E-03 | -- |
| 24502 MARBELLA AVE | Chloroform | 8.3E+01 | 5.1E+04 | 2.3E+02 | 2E-03 | 4E-07 |
| 24502 MARBELLA AVE | Ethanol | 2.4E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24502 MARBELLA AVE | Heptane | 3.6E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24502 MARBELLA AVE | Naphthalene | 3.4E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24502 MARBELLA AVE | Tetrahydrofuran | 6.4E+00 | 1.0E+06 | -- | 6E-06 | -- |
| 24502 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.0E+01 | 3.7E+03 | -- | 3E-03 | -- |
| 24502 NEPTUNE AVE | 4-Ethyltoluene | 7.3E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24502 NEPTUNE AVE | Bromodichloromethane | 4.2E+01 | 3.7E+04 | 3.3E+01 | 1E-03 | 1E-06 |
| 24502 NEPTUNE AVE | Chloroform | 5.2E+02 | 5.1E+04 | 2.3E+02 | 1E-02 | **2E-06** |
| 24502 NEPTUNE AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24502 NEPTUNE AVE | Heptane | 5.9E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24502 NEPTUNE AVE | Naphthalene | 8.8E+00 | 1.6E+03 | 3.6E+01 | 6E-03 | 3E-07 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | **Onsite Resident** (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24502 NEPTUNE AVE | p/m-Xylene | 1.2E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24502 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.7E+01 | 3.7E+03 | -- | 5E-03 | -- |
| 24502 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.1E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24502 PANAMA AVE | 4-Ethyltoluene | 6.9E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24502 PANAMA AVE | Benzene | 4.9E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24502 PANAMA AVE | Naphthalene | 1.2E+01 | 1.6E+03 | 3.6E+01 | 8E-03 | 3E-07 |
| 24502 PANAMA AVE | o-Xylene | 1.4E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24502 PANAMA AVE | p/m-Xylene | 2.6E+01 | 5.2E+04 | -- | 5E-04 | -- |
| 24502 PANAMA AVE | Toluene | 2.5E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24502 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24502 RAVENNA AVE | Benzene | 9.6E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 24502 RAVENNA AVE | Carbon Disulfide | 5.7E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24502 RAVENNA AVE | Chloroform | 7.7E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 3E-08 |
| 24502 RAVENNA AVE | Ethanol | 3.9E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24502 RAVENNA AVE | Naphthalene | 3.8E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24502 RAVENNA AVE | Tetrachloroethene | 1.3E+01 | 2.1E+04 | 2.1E+02 | 6E-04 | 6E-08 |
| 24503 MARBELLA AVE | 1,2,4-Trimethylbenzene | 5.6E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24503 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.7E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24503 MARBELLA AVE | Ethanol | 6.0E+00 | 2.1E+06 | -- | 3E-06 | -- |
| 24503 MARBELLA AVE | Naphthalene | 3.5E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24503 MARBELLA AVE | Tetrachloroethene | 2.2E+02 | 2.1E+04 | 2.1E+02 | 1E-02 | 1E-06 |
| 24503 MARBELLA AVE | Trichloroethene | 4.7E+00 | 1.0E+03 | 2.2E+02 | 5E-03 | 2E-08 |
| 24503 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.7E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24503 NEPTUNE AVE | Benzene | 4.1E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24503 NEPTUNE AVE | Chloroform | 1.1E+03 | 5.1E+04 | 2.3E+02 | 2E-02 | **5E-06** |
| 24503 NEPTUNE AVE | Ethanol | 8.3E+00 | 2.1E+06 | -- | 4E-06 | -- |
| 24503 NEPTUNE AVE | Ethylbenzene | 6.2E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 1E-08 |
| 24503 NEPTUNE AVE | Isopropanol | 2.1E+01 | 3.7E+06 | -- | 6E-06 | -- |
| 24503 NEPTUNE AVE | Naphthalene | 3.2E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 9E-08 |
| 24503 NEPTUNE AVE | o-Xylene | 4.6E+00 | 5.2E+04 | -- | 9E-05 | -- |
| 24503 NEPTUNE AVE | p/m-Xylene | 2.0E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24503 NEPTUNE AVE | Toluene | 2.1E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24503 PANAMA AVE | 2,2,4-Trimethylpentane | 1.3E+01 | 5.2E+05 | -- | 3E-05 | -- |
| 24503 PANAMA AVE | Benzene | 1.2E+01 | 1.6E+04 | 4.2E+01 | 8E-04 | 3E-07 |
| 24503 PANAMA AVE | Chloroform | 2.2E+01 | 5.1E+04 | 2.3E+02 | 4E-04 | 1E-07 |
| 24503 PANAMA AVE | Cyclohexane | 5.4E+01 | 3.1E+06 | -- | 2E-05 | -- |
| 24503 PANAMA AVE | Ethanol | 2.9E+02 | 2.1E+06 | -- | 1E-04 | -- |
| 24503 PANAMA AVE | Heptane | 1.5E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24503 PANAMA AVE | Hexane | 6.2E+01 | 3.7E+05 | -- | 2E-04 | -- |
| 24503 PANAMA AVE | Naphthalene | 4.5E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24503 PANAMA AVE | Tetrachloroethene | 2.3E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 1E-07 |
| 24503 PANAMA AVE | Toluene | 2.7E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24503 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24503 RAVENNA AVE | Carbon Disulfide | 9.5E+00 | 3.7E+05 | -- | 3E-05 | -- |
| 24503 RAVENNA AVE | Chloroform | 1.3E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 6E-08 |
| 24503 RAVENNA AVE | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24503 RAVENNA AVE | Methylene Chloride | 5.4E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 4E-09 |
| 24503 RAVENNA AVE | Naphthalene | 6.0E-01 | 1.6E+03 | 3.6E+01 | 4E-04 | 2E-08 |
| 24503 RAVENNA AVE | Tetrachloroethene | 1.9E+01 | 2.1E+04 | 2.1E+02 | 9E-04 | 9E-08 |
| 24506 MARBELLA AVE | 1,2,4-Trimethylbenzene | 8.5E+01 | 3.7E+03 | -- | 2E-02 | -- |
| 24506 MARBELLA AVE | 1,3,5-Trimethylbenzene | 2.9E+01 | 3.7E+03 | -- | 8E-03 | -- |
| 24506 MARBELLA AVE | 2,2,4-Trimethylpentane | 7.4E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24506 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.9E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24506 MARBELLA AVE | 4-Ethyltoluene | 1.0E+02 | 5.2E+04 | -- | 2E-03 | -- |
| 24506 MARBELLA AVE | Benzene | 1.3E+02 | 1.6E+04 | 4.2E+01 | 8E-03 | **3E-06** |
| 24506 MARBELLA AVE | Bromomethane | 6.9E+00 | 2.6E+03 | -- | 3E-03 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | **Onsite Resident** (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24506 MARBELLA AVE | Cyclohexane | 4.8E+00 | 3.1E+06 | -- | 2E-06 | -- |
| 24506 MARBELLA AVE | Ethanol | 3.5E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24506 MARBELLA AVE | Ethylbenzene | 9.8E+01 | 5.2E+05 | 4.9E+02 | 2E-04 | 2E-07 |
| 24506 MARBELLA AVE | Heptane | 1.1E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24506 MARBELLA AVE | Hexane | 1.3E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24506 MARBELLA AVE | Methylene Chloride | 5.7E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 5E-09 |
| 24506 MARBELLA AVE | Naphthalene | 3.8E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24506 MARBELLA AVE | o-Xylene | 1.9E+02 | 5.2E+04 | -- | 4E-03 | -- |
| 24506 MARBELLA AVE | p/m-Xylene | 5.3E+02 | 5.2E+04 | -- | 1E-02 | -- |
| 24506 MARBELLA AVE | Propylbenzene | 1.2E+01 | 5.2E+05 | -- | 2E-05 | -- |
| 24506 MARBELLA AVE | Toluene | 4.0E+02 | 2.6E+06 | -- | 2E-04 | -- |
| 24507 MARBELLA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24507 MARBELLA AVE | Hexane | 4.4E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24507 MARBELLA AVE | Naphthalene | 1.4E+00 | 1.6E+03 | 3.6E+01 | 9E-04 | 4E-08 |
| 24507 MARBELLA AVE | Tetrachloroethene | 1.3E+01 | 2.1E+04 | 2.1E+02 | 6E-04 | 6E-08 |
| 24508 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24508 NEPTUNE AVE | Ethanol | 2.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24508 NEPTUNE AVE | Naphthalene | 2.3E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 6E-08 |
| 24508 NEPTUNE AVE | Trichloroethene | 6.9E+00 | 1.0E+03 | 2.2E+02 | 7E-03 | 3E-08 |
| 24508 PANAMA AVE | 1,2,4-Trichlorobenzene | 1.3E+03 | 1.0E+03 | -- | 1E+00 | -- |
| 24508 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.2E+03 | 3.7E+03 | -- | 3E-01 | -- |
| 24508 PANAMA AVE | 1,3,5-Trimethylbenzene | 1.6E+02 | 3.7E+03 | -- | 4E-02 | -- |
| 24508 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24508 PANAMA AVE | 4-Ethyltoluene | 2.4E+02 | 5.2E+04 | -- | 5E-03 | -- |
| 24508 PANAMA AVE | Benzene | 9.9E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 24508 PANAMA AVE | Cumene (Isopropylbenzene) | 1.0E+01 | 2.1E+05 | -- | 5E-05 | -- |
| 24508 PANAMA AVE | Ethanol | 1.7E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24508 PANAMA AVE | Isopropanol | 2.1E+01 | 3.7E+06 | -- | 6E-06 | -- |
| 24508 PANAMA AVE | Naphthalene | 1.8E+02 | 1.6E+03 | 3.6E+01 | 1E-01 | **5E-06** |
| 24508 PANAMA AVE | o-Xylene | 8.0E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24508 PANAMA AVE | p/m-Xylene | 7.9E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24508 PANAMA AVE | Propylbenzene | 2.7E+01 | 5.2E+05 | -- | 5E-05 | -- |
| 24508 PANAMA AVE | Toluene | 3.4E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 24508 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24508 RAVENNA AVE | Chloroform | 3.7E+00 | 5.1E+04 | 2.3E+02 | 7E-05 | 2E-08 |
| 24508 RAVENNA AVE | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24508 RAVENNA AVE | Hexane | 4.8E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24508 RAVENNA AVE | Naphthalene | 2.0E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24509 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.1E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24509 NEPTUNE AVE | Benzene | 4.4E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24509 NEPTUNE AVE | Cumene (Isopropylbenzene) | 2.8E+00 | 2.1E+05 | -- | 1E-05 | -- |
| 24509 NEPTUNE AVE | Ethanol | 2.6E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24509 NEPTUNE AVE | Naphthalene | 2.6E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 7E-08 |
| 24509 NEPTUNE AVE | Toluene | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24509 PANAMA AVE | Carbon Disulfide | 4.0E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24509 PANAMA AVE | Naphthalene | 3.7E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24509 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24509 RAVENNA AVE | Carbon Disulfide | 5.1E+01 | 3.7E+05 | -- | 1E-04 | -- |
| 24509 RAVENNA AVE | Chloroform | 2.0E+01 | 5.1E+04 | 2.3E+02 | 4E-04 | 9E-08 |
| 24509 RAVENNA AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24509 RAVENNA AVE | Naphthalene | 5.1E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24509 RAVENNA AVE | Tetrachloroethene | 1.3E+01 | 2.1E+04 | 2.1E+02 | 6E-04 | 6E-08 |
| 24509 RAVENNA AVE | Toluene | 5.2E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24512 MARBELLA AVE | Chloroform | 2.3E+00 | 5.1E+04 | 2.3E+02 | 5E-05 | 1E-08 |
| 24512 MARBELLA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24512 MARBELLA AVE | Methylene Chloride | 6.2E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 5E-09 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24512 MARBELLA AVE | Naphthalene | 4.5E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24512 MARBELLA AVE | Toluene | 2.0E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24512 NEPTUNE AVE | Ethanol | 5.6E+01 | 2.1E+06 | -- | 3E-05 | -- |
| 24512 NEPTUNE AVE | Isopropanol | 1.2E+01 | 3.7E+06 | -- | 3E-06 | -- |
| 24512 NEPTUNE AVE | Naphthalene | 4.4E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24512 NEPTUNE AVE | Toluene | 8.4E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24512 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.0E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24512 PANAMA AVE | 2-Hexanone | 3.3E+00 | 1.6E+04 | -- | 2E-04 | -- |
| 24512 PANAMA AVE | Chloroform | 1.9E+01 | 5.1E+04 | 2.3E+02 | 4E-04 | 8E-08 |
| 24512 PANAMA AVE | Ethanol | 1.1E+02 | 2.1E+06 | -- | 5E-05 | -- |
| 24512 PANAMA AVE | Isopropanol | 8.1E+00 | 3.7E+06 | -- | 2E-06 | -- |
| 24512 PANAMA AVE | Naphthalene | 3.0E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24512 PANAMA AVE | p/m-Xylene | 6.6E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24512 PANAMA AVE | Toluene | 5.5E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24512 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.1E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24512 RAVENNA AVE | Ethanol | 5.1E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24512 RAVENNA AVE | Isopropanol | 1.2E+01 | 3.7E+06 | -- | 3E-06 | -- |
| 24512 RAVENNA AVE | Naphthalene | 4.1E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24513 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.9E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24513 NEPTUNE AVE | Carbon Disulfide | 5.6E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24513 NEPTUNE AVE | Ethanol | 1.0E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24513 NEPTUNE AVE | Naphthalene | 1.0E+01 | 1.6E+03 | 3.6E+01 | 6E-03 | 3E-07 |
| 24513 NEPTUNE AVE | Toluene | 5.9E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24513 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.0E+01 | 3.7E+03 | -- | 3E-03 | -- |
| 24513 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.5E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24513 PANAMA AVE | 4-Ethyltoluene | 7.7E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24513 PANAMA AVE | Ethanol | 9.7E+00 | 2.1E+06 | -- | 5E-06 | -- |
| 24513 PANAMA AVE | Naphthalene | 7.0E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24513 PANAMA AVE | o-Xylene | 6.8E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24513 PANAMA AVE | p/m-Xylene | 1.4E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24513 PANAMA AVE | Toluene | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24513 RAVENNA AVE | 1,2,4-Trimethylbenzene | 9.7E+00 | 3.7E+03 | -- | 3E-03 | -- |
| 24513 RAVENNA AVE | 1,3-Butadiene | 2.2E+00 | 1.0E+03 | 7.2E+00 | 2E-03 | 3E-07 |
| 24513 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24513 RAVENNA AVE | Benzene | 5.7E+01 | 1.6E+04 | 4.2E+01 | 4E-03 | 1E-06 |
| 24513 RAVENNA AVE | Cumene (Isopropylbenzene) | 6.2E+01 | 2.1E+05 | -- | 3E-04 | -- |
| 24513 RAVENNA AVE | Cyclohexane | 2.8E+01 | 3.1E+06 | -- | 9E-06 | -- |
| 24513 RAVENNA AVE | Ethanol | 1.1E+02 | 2.1E+06 | -- | 5E-05 | -- |
| 24513 RAVENNA AVE | Ethylbenzene | 1.1E+01 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 24513 RAVENNA AVE | Heptane | 7.5E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24513 RAVENNA AVE | Hexane | 8.3E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24513 RAVENNA AVE | Isopropanol | 2.3E+01 | 3.7E+06 | -- | 6E-06 | -- |
| 24513 RAVENNA AVE | Naphthalene | 3.0E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24513 RAVENNA AVE | p/m-Xylene | 1.8E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24513 RAVENNA AVE | Toluene | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24516 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.4E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24516 MARBELLA AVE | Benzene | 9.2E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 24516 MARBELLA AVE | Carbon Disulfide | 5.0E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24516 MARBELLA AVE | Ethanol | 8.7E+01 | 2.1E+06 | -- | 4E-05 | -- |
| 24516 MARBELLA AVE | Heptane | 6.8E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24516 MARBELLA AVE | Naphthalene | 1.4E+01 | 1.6E+03 | 3.6E+01 | 9E-03 | 4E-07 |
| 24516 MARBELLA AVE | Toluene | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24517 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.0E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24517 MARBELLA AVE | 2-Hexanone | 4.2E+01 | 1.6E+04 | -- | 3E-03 | -- |
| 24517 MARBELLA AVE | Benzene | 6.4E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 2E-07 |
| 24517 MARBELLA AVE | Carbon Disulfide | 4.2E+01 | 3.7E+05 | -- | 1E-04 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24517 MARBELLA AVE | Ethanol | 6.6E+01 | 2.1E+06 | -- | 3E-05 | -- |
| 24517 MARBELLA AVE | Ethylbenzene | 4.9E+00 | 5.2E+05 | 4.9E+02 | 9E-06 | 1E-08 |
| 24517 MARBELLA AVE | Naphthalene | 4.8E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24517 MARBELLA AVE | o-Xylene | 6.5E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24517 MARBELLA AVE | p/m-Xylene | 1.6E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24517 MARBELLA AVE | Tetrachloroethene | 6.6E+01 | 2.1E+04 | 2.1E+02 | 3E-03 | 3E-07 |
| 24517 MARBELLA AVE | Tetrahydrofuran | 8.3E+00 | 1.0E+06 | -- | 8E-06 | -- |
| 24517 MARBELLA AVE | Toluene | 4.5E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24518 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24518 NEPTUNE AVE | Benzene | 1.8E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 4E-07 |
| 24518 NEPTUNE AVE | Chloroform | 9.7E+02 | 5.1E+04 | 2.3E+02 | 2E-02 | **4E-06** |
| 24518 NEPTUNE AVE | Cumene (Isopropylbenzene) | 6.0E+00 | 2.1E+05 | -- | 3E-05 | -- |
| 24518 NEPTUNE AVE | Ethanol | 1.5E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24518 NEPTUNE AVE | Naphthalene | 4.0E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24518 NEPTUNE AVE | Tetrachloroethene | 9.3E+00 | 2.1E+04 | 2.1E+02 | 5E-04 | 5E-08 |
| 24518 NEPTUNE AVE | Tetrahydrofuran | 1.2E+01 | 1.0E+06 | -- | 1E-05 | -- |
| 24518 NEPTUNE AVE | Toluene | 5.2E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24518 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.1E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24518 PANAMA AVE | Bromomethane | 4.7E+00 | 2.6E+03 | -- | 2E-03 | -- |
| 24518 PANAMA AVE | Carbon Disulfide | 3.2E+01 | 3.7E+05 | -- | 9E-05 | -- |
| 24518 PANAMA AVE | Heptane | 5.1E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24518 PANAMA AVE | Hexane | 6.0E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24518 PANAMA AVE | Naphthalene | 4.1E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24518 PANAMA AVE | p/m-Xylene | 8.4E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24518 PANAMA AVE | Toluene | 6.8E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24518 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24518 RAVENNA AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24518 RAVENNA AVE | Isopropanol | 1.4E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24518 RAVENNA AVE | Naphthalene | 7.9E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24518 RAVENNA AVE | Tetrachloroethene | 3.7E+01 | 2.1E+04 | 2.1E+02 | 2E-03 | 2E-07 |
| 24518 RAVENNA AVE | Toluene | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24519 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24519 NEPTUNE AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24519 NEPTUNE AVE | Methylene Chloride | 4.3E+00 | 3.1E+05 | 1.2E+03 | 1E-05 | 4E-09 |
| 24519 NEPTUNE AVE | Naphthalene | 3.9E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24519 PANAMA AVE | 1,4-Dioxane | 1.6E+00 | 1.6E+06 | 1.6E+02 | 1E-06 | 1E-08 |
| 24519 PANAMA AVE | Chloroform | 9.3E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 24519 PANAMA AVE | Isopropanol | 4.0E+00 | 3.7E+06 | -- | 1E-06 | -- |
| 24519 PANAMA AVE | Naphthalene | 4.6E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24519 PANAMA AVE | Toluene | 1.8E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24522 MARBELLA AVE | 1,4-Dioxane | 2.7E+01 | 1.6E+06 | 1.6E+02 | 2E-05 | 2E-07 |
| 24522 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.4E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24522 MARBELLA AVE | Benzene | 1.3E+01 | 1.6E+04 | 4.2E+01 | 8E-04 | 3E-07 |
| 24522 MARBELLA AVE | Bromomethane | 6.5E+00 | 2.6E+03 | -- | 3E-03 | -- |
| 24522 MARBELLA AVE | Ethanol | 1.8E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24522 MARBELLA AVE | Ethylbenzene | 1.1E+01 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 24522 MARBELLA AVE | Isopropanol | 1.4E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24522 MARBELLA AVE | Naphthalene | 5.7E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24522 MARBELLA AVE | p/m-Xylene | 1.9E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24522 MARBELLA AVE | Toluene | 2.3E+01 | 2.6E+06 | -- | 9E-06 | -- |
| 24522 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.8E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24522 NEPTUNE AVE | 4-Ethyltoluene | 7.2E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24522 NEPTUNE AVE | Bromomethane | 1.0E+01 | 2.6E+03 | -- | 4E-03 | -- |
| 24522 NEPTUNE AVE | Carbon Disulfide | 1.1E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24522 NEPTUNE AVE | Ethanol | 1.5E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24522 NEPTUNE AVE | Isopropanol | 2.1E+01 | 3.7E+06 | -- | 6E-06 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24522 NEPTUNE AVE | Naphthalene | 2.3E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 6E-08 |
| 24522 NEPTUNE AVE | Tetrahydrofuran | 3.9E+00 | 1.0E+06 | -- | 4E-06 | -- |
| 24522 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24522 PANAMA AVE | Chloroform | 3.4E+01 | 5.1E+04 | 2.3E+02 | 7E-04 | 2E-07 |
| 24522 PANAMA AVE | Ethanol | 1.0E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24522 PANAMA AVE | Hexane | 6.0E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24522 PANAMA AVE | Isopropanol | 1.1E+02 | 3.7E+06 | -- | 3E-05 | -- |
| 24522 PANAMA AVE | Naphthalene | 1.6E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 24522 PANAMA AVE | Toluene | 1.2E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24522 RAVENNA AVE | Bromodichloromethane | 2.9E+01 | 3.7E+04 | 3.3E+01 | 8E-04 | 9E-07 |
| 24522 RAVENNA AVE | Chloroform | 2.1E+01 | 5.1E+04 | 2.3E+02 | 4E-04 | 9E-08 |
| 24522 RAVENNA AVE | Heptane | 5.1E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24522 RAVENNA AVE | Hexane | 5.5E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24522 RAVENNA AVE | Isopropanol | 3.1E+01 | 3.7E+06 | -- | 9E-06 | -- |
| 24522 RAVENNA AVE | Naphthalene | 1.3E+00 | 1.6E+03 | 3.6E+01 | 8E-04 | 4E-08 |
| 24523 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.3E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24523 MARBELLA AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24523 MARBELLA AVE | Naphthalene | 8.5E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24523 MARBELLA AVE | p/m-Xylene | 5.4E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24523 MARBELLA AVE | Tetrachloroethene | 1.9E+02 | 2.1E+04 | 2.1E+02 | 9E-03 | 9E-07 |
| 24523 MARBELLA AVE | Toluene | 7.9E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24523 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.0E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24523 NEPTUNE AVE | 2-Hexanone | 2.2E+00 | 1.6E+04 | -- | 1E-04 | -- |
| 24523 NEPTUNE AVE | Ethanol | 1.4E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24523 NEPTUNE AVE | Hexane | 4.1E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24523 NEPTUNE AVE | Naphthalene | 3.7E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24523 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.0E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24523 RAVENNA AVE | 2-Hexanone | 1.0E+00 | 1.6E+04 | -- | 6E-05 | -- |
| 24523 RAVENNA AVE | Benzene | 2.6E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 6E-07 |
| 24523 RAVENNA AVE | Bromodichloromethane | 1.2E+01 | 3.7E+04 | 3.3E+01 | 3E-04 | 4E-07 |
| 24523 RAVENNA AVE | Chloroform | 6.8E+02 | 5.1E+04 | 2.3E+02 | 1E-02 | **3E-06** |
| 24523 RAVENNA AVE | Cumene (Isopropylbenzene) | 1.6E+01 | 2.1E+05 | -- | 8E-05 | -- |
| 24523 RAVENNA AVE | Cyclohexane | 3.2E+01 | 3.1E+06 | -- | 1E-05 | -- |
| 24523 RAVENNA AVE | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24523 RAVENNA AVE | Isopropanol | 9.5E-01 | 3.7E+06 | -- | 3E-07 | -- |
| 24523 RAVENNA AVE | Methylene Chloride | 4.2E+00 | 3.1E+05 | 1.2E+03 | 1E-05 | 4E-09 |
| 24523 RAVENNA AVE | Naphthalene | 8.9E+00 | 1.6E+03 | 3.6E+01 | 6E-03 | 3E-07 |
| 24523 RAVENNA AVE | Trichloroethene | 2.6E+01 | 1.0E+03 | 2.2E+02 | 3E-02 | 1E-07 |
| 24526 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.2E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24526 MARBELLA AVE | Benzene | 6.5E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 2E-07 |
| 24526 MARBELLA AVE | Ethanol | 1.9E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24526 MARBELLA AVE | Naphthalene | 2.7E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24526 MARBELLA AVE | Toluene | 5.2E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24528 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.5E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24528 NEPTUNE AVE | Chloroform | 6.0E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24528 NEPTUNE AVE | Ethanol | 2.7E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24528 NEPTUNE AVE | Heptane | 4.9E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24528 NEPTUNE AVE | Hexane | 4.0E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24528 NEPTUNE AVE | Naphthalene | 1.0E+01 | 1.6E+03 | 3.6E+01 | 6E-03 | 3E-07 |
| 24528 NEPTUNE AVE | p/m-Xylene | 4.7E+00 | 5.2E+04 | -- | 9E-05 | -- |
| 24528 NEPTUNE AVE | Tetrachloroethene | 1.1E+01 | 2.1E+04 | 2.1E+02 | 5E-04 | 5E-08 |
| 24528 NEPTUNE AVE | Tetrahydrofuran | 2.1E+01 | 1.0E+06 | -- | 2E-05 | -- |
| 24528 PANAMA AVE | Naphthalene | 4.0E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24529 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 5.2E+00 | 3.7E+03 | -- | 1E-03 | -- |
| 24529 NEPTUNE AVE | 1,4-Dioxane | 2.2E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 24529 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.8E+01 | 2.6E+06 | -- | 2E-05 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24529 NEPTUNE AVE | Bromodichloromethane | 1.4E+01 | 3.7E+04 | 3.3E+01 | 4E-04 | 4E-07 |
| 24529 NEPTUNE AVE | Chloroform | 5.7E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 3E-07 |
| 24529 NEPTUNE AVE | Ethanol | 1.8E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24529 NEPTUNE AVE | Naphthalene | 7.7E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24529 NEPTUNE AVE | p/m-Xylene | 3.7E+00 | 5.2E+04 | -- | 7E-05 | -- |
| 24529 NEPTUNE AVE | Tetrachloroethene | 8.2E+01 | 2.1E+04 | 2.1E+02 | 4E-03 | 4E-07 |
| 24529 NEPTUNE AVE | Tetrahydrofuran | 1.6E+01 | 1.0E+06 | -- | 2E-05 | -- |
| 24529 PANAMA AVE | 1,4-Dioxane | 1.9E+00 | 1.6E+06 | 1.6E+02 | 1E-06 | 1E-08 |
| 24529 PANAMA AVE | Naphthalene | 1.5E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 4E-08 |
| 24529 PANAMA AVE | Toluene | 5.1E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24529 RAVENNA AVE | Chloroform | 1.7E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 7E-08 |
| 24529 RAVENNA AVE | Isopropanol | 5.7E+00 | 3.7E+06 | -- | 2E-06 | -- |
| 24529 RAVENNA AVE | Naphthalene | 4.2E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24529 RAVENNA AVE | p/m-Xylene | 5.0E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24529 RAVENNA AVE | Tetrachloroethene | 9.5E+00 | 2.1E+04 | 2.1E+02 | 5E-04 | 5E-08 |
| 24532 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.7E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 24532 MARBELLA AVE | 2-Hexanone | 8.9E-01 | 1.6E+04 | -- | 6E-05 | -- |
| 24532 MARBELLA AVE | Benzene | 1.2E+01 | 1.6E+04 | 4.2E+01 | 8E-04 | 3E-07 |
| 24532 MARBELLA AVE | Bromodichloromethane | 9.2E-01 | 3.7E+04 | 3.3E+01 | 3E-05 | 3E-08 |
| 24532 MARBELLA AVE | Carbon Disulfide | 4.9E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24532 MARBELLA AVE | Chloroform | 6.5E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24532 MARBELLA AVE | Cumene (Isopropylbenzene) | 1.9E+00 | 2.1E+05 | -- | 9E-06 | -- |
| 24532 MARBELLA AVE | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24532 MARBELLA AVE | Isopropanol | 8.7E+00 | 3.7E+06 | -- | 2E-06 | -- |
| 24532 MARBELLA AVE | Naphthalene | 1.2E+00 | 1.6E+03 | 3.6E+01 | 8E-04 | 3E-08 |
| 24532 MARBELLA AVE | Tetrachloroethene | 3.5E+00 | 2.1E+04 | 2.1E+02 | 2E-04 | 2E-08 |
| 24532 MARBELLA AVE | Toluene | 1.9E+00 | 2.6E+06 | -- | 7E-07 | -- |
| 24532 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.2E+01 | 3.7E+03 | -- | 3E-03 | -- |
| 24532 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24532 NEPTUNE AVE | 4-Ethyltoluene | 1.6E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24532 NEPTUNE AVE | Benzene | 2.8E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 7E-07 |
| 24532 NEPTUNE AVE | Cyclohexane | 4.2E+01 | 3.1E+06 | -- | 1E-05 | -- |
| 24532 NEPTUNE AVE | Ethanol | 1.3E+02 | 2.1E+06 | -- | 6E-05 | -- |
| 24532 NEPTUNE AVE | Ethylbenzene | 1.4E+01 | 5.2E+05 | 4.9E+02 | 3E-05 | 3E-08 |
| 24532 NEPTUNE AVE | Heptane | 1.1E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24532 NEPTUNE AVE | Hexane | 6.5E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24532 NEPTUNE AVE | Isopropanol | 8.5E+01 | 3.7E+06 | -- | 2E-05 | -- |
| 24532 NEPTUNE AVE | Methyl-tert-Butyl Ether | 1.0E+01 | 1.6E+06 | 4.7E+03 | 6E-06 | 2E-09 |
| 24532 NEPTUNE AVE | Naphthalene | 4.6E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24532 NEPTUNE AVE | o-Xylene | 1.8E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24532 NEPTUNE AVE | p/m-Xylene | 5.3E+01 | 5.2E+04 | -- | 1E-03 | -- |
| 24532 NEPTUNE AVE | Toluene | 1.1E+02 | 2.6E+06 | -- | 4E-05 | -- |
| 24532 PANAMA AVE | Chloroform | 6.1E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 3E-07 |
| 24532 PANAMA AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24532 PANAMA AVE | Isopropanol | 6.3E+00 | 3.7E+06 | -- | 2E-06 | -- |
| 24532 PANAMA AVE | Naphthalene | 5.7E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24532 RAVENNA AVE | 1,4-Dichlorobenzene | 1.6E+01 | 4.2E+05 | 1.1E+02 | 4E-05 | 1E-07 |
| 24532 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.3E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24532 RAVENNA AVE | Carbon Disulfide | 4.3E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24532 RAVENNA AVE | Ethanol | 2.1E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24532 RAVENNA AVE | Isopropanol | 1.3E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24532 RAVENNA AVE | Naphthalene | 2.6E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 7E-08 |
| 24533 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.5E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24533 MARBELLA AVE | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24533 MARBELLA AVE | Naphthalene | 9.7E-01 | 1.6E+03 | 3.6E+01 | 6E-04 | 3E-08 |
| 24533 MARBELLA AVE | Tetrachloroethene | 2.3E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 1E-07 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | **Onsite Resident** (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24533 MARBELLA AVE | Tetrahydrofuran | 4.5E+00 | 1.0E+06 | -- | 4E-06 | -- |
| 24533 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24533 NEPTUNE AVE | Chloroform | 8.9E+01 | 5.1E+04 | 2.3E+02 | 2E-03 | 4E-07 |
| 24533 NEPTUNE AVE | Naphthalene | 1.4E+00 | 1.6E+03 | 3.6E+01 | 9E-04 | 4E-08 |
| 24533 PANAMA AVE | Naphthalene | 2.9E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24533 RAVENNA AVE | Ethanol | 1.5E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24533 RAVENNA AVE | Heptane | 9.4E+00 | 3.7E+05 | -- | 3E-05 | -- |
| 24533 RAVENNA AVE | Hexane | 1.2E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24533 RAVENNA AVE | Isopropanol | 1.8E+01 | 3.7E+06 | -- | 5E-06 | -- |
| 24533 RAVENNA AVE | Naphthalene | 8.2E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24533 RAVENNA AVE | Tetrahydrofuran | 6.3E+00 | 1.0E+06 | -- | 6E-06 | -- |
| 24602 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.1E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24602 MARBELLA AVE | Benzene | 3.6E+00 | 1.6E+04 | 4.2E+01 | 2E-04 | 9E-08 |
| 24602 MARBELLA AVE | Chloroform | 1.4E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 6E-08 |
| 24602 MARBELLA AVE | Cyclohexane | 4.2E+00 | 3.1E+06 | -- | 1E-06 | -- |
| 24602 MARBELLA AVE | Isopropanol | 9.6E+00 | 3.7E+06 | -- | 3E-06 | -- |
| 24602 MARBELLA AVE | Naphthalene | 1.5E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 4E-08 |
| 24602 MARBELLA AVE | Toluene | 3.2E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24602 NEPTUNE AVE | 1,4-Dioxane | 1.2E+02 | 1.6E+06 | 1.6E+02 | 8E-05 | 8E-07 |
| 24602 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.5E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24602 NEPTUNE AVE | Benzene | 9.2E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 24602 NEPTUNE AVE | Ethanol | 1.0E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24602 NEPTUNE AVE | Naphthalene | 1.6E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 24602 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.9E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24602 PANAMA AVE | Ethanol | 8.3E+01 | 2.1E+06 | -- | 4E-05 | -- |
| 24602 PANAMA AVE | Isopropanol | 4.0E+01 | 3.7E+06 | -- | 1E-05 | -- |
| 24602 PANAMA AVE | Naphthalene | 5.6E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24602 RAVENNA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24602 RAVENNA AVE | Hexane | 5.5E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24602 RAVENNA AVE | Naphthalene | 5.0E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24602 RAVENNA AVE | Tetrachloroethene | 1.4E+01 | 2.1E+04 | 2.1E+02 | 7E-04 | 7E-08 |
| 24603 MARBELLA AVE | 1,2,4-Trimethylbenzene | 2.2E+03 | 3.7E+03 | -- | 6E-01 | -- |
| 24603 MARBELLA AVE | 1,3,5-Trimethylbenzene | 1.0E+03 | 3.7E+03 | -- | 3E-01 | -- |
| 24603 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.4E+01 | 2.6E+06 | -- | 3E-05 | -- |
| 24603 MARBELLA AVE | 4-Ethyltoluene | 1.3E+03 | 5.2E+04 | -- | 3E-02 | -- |
| 24603 MARBELLA AVE | Benzene | 4.5E+03 | 1.6E+04 | 4.2E+01 | 3E-01 | **1E-04** |
| 24603 MARBELLA AVE | Bromodichloromethane | 1.6E+01 | 3.7E+04 | 3.3E+01 | 4E-04 | 5E-07 |
| 24603 MARBELLA AVE | Chloroform | 1.4E+02 | 5.1E+04 | 2.3E+02 | 3E-03 | 6E-07 |
| 24603 MARBELLA AVE | Cumene (Isopropylbenzene) | 4.0E+01 | 2.1E+05 | -- | 2E-04 | -- |
| 24603 MARBELLA AVE | Cyclohexane | 6.4E+01 | 3.1E+06 | -- | 2E-05 | -- |
| 24603 MARBELLA AVE | Ethanol | 2.5E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24603 MARBELLA AVE | Ethylbenzene | 1.1E+03 | 5.2E+05 | 4.9E+02 | 2E-03 | **2E-06** |
| 24603 MARBELLA AVE | Heptane | 4.0E+02 | 3.7E+05 | -- | 1E-03 | -- |
| 24603 MARBELLA AVE | Hexane | 5.2E+02 | 3.7E+05 | -- | 1E-03 | -- |
| 24603 MARBELLA AVE | Naphthalene | 1.3E+01 | 1.6E+03 | 3.6E+01 | 8E-03 | 4E-07 |
| 24603 MARBELLA AVE | o-Xylene | 4.2E+01 | 5.2E+04 | -- | 8E-04 | -- |
| 24603 MARBELLA AVE | p/m-Xylene | 5.2E+03 | 5.2E+04 | -- | 1E-01 | -- |
| 24603 MARBELLA AVE | Propylbenzene | 2.8E+02 | 5.2E+05 | -- | 5E-04 | -- |
| 24603 MARBELLA AVE | Tetrachloroethene | 1.4E+01 | 2.1E+04 | 2.1E+02 | 7E-04 | 7E-08 |
| 24603 MARBELLA AVE | Toluene | 7.0E+02 | 2.6E+06 | -- | 3E-04 | -- |
| 24603 NEPTUNE AVE | Naphthalene | 2.2E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24603 NEPTUNE AVE | Toluene | 6.1E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24603 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.5E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24603 PANAMA AVE | Carbon Disulfide | 4.8E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24603 PANAMA AVE | Chloroform | 1.7E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 7E-08 |
| 24603 PANAMA AVE | Heptane | 1.4E+01 | 3.7E+05 | -- | 4E-05 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24603 PANAMA AVE | Naphthalene | 5.5E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24603 PANAMA AVE | Tetrahydrofuran | 1.5E+01 | 1.0E+06 | -- | 1E-05 | -- |
| 24603 PANAMA AVE | Toluene | 6.8E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24603 PANAMA AVE | Trichloroethene | 3.1E+01 | 1.0E+03 | 2.2E+02 | 3E-02 | 1E-07 |
| 24603 RAVENNA AVE | 1,2,4-Trimethylbenzene | 1.0E+01 | 3.7E+03 | -- | 3E-03 | -- |
| 24603 RAVENNA AVE | 2,2,4-Trimethylpentane | 2.1E+00 | 5.2E+05 | -- | 4E-06 | -- |
| 24603 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.0E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24603 RAVENNA AVE | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24603 RAVENNA AVE | Isopropanol | 1.4E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24603 RAVENNA AVE | Naphthalene | 4.8E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24603 RAVENNA AVE | p/m-Xylene | 9.9E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24603 RAVENNA AVE | Toluene | 8.7E+01 | 2.6E+06 | -- | 3E-05 | -- |
| 24606 MARBELLA AVE | 1,2,4-Trimethylbenzene | 4.0E+00 | 3.7E+03 | -- | 1E-03 | -- |
| 24606 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24606 MARBELLA AVE | Carbon Disulfide | 7.0E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24606 MARBELLA AVE | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24606 MARBELLA AVE | Naphthalene | 5.2E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 2E-07 |
| 24606 MARBELLA AVE | p/m-Xylene | 3.9E+00 | 5.2E+04 | -- | 8E-05 | -- |
| 24606 MARBELLA AVE | Tetrachloroethene | 8.6E+00 | 2.1E+04 | 2.1E+02 | 4E-04 | 4E-08 |
| 24606 MARBELLA AVE | Toluene | 1.4E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24607 MARBELLA AVE | 1,4-Dioxane | 5.4E+01 | 1.6E+06 | 1.6E+02 | 4E-05 | 3E-07 |
| 24607 MARBELLA AVE | Chloroform | 1.5E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 7E-08 |
| 24607 MARBELLA AVE | Isopropanol | 2.3E+01 | 3.7E+06 | -- | 6E-06 | -- |
| 24607 MARBELLA AVE | Naphthalene | 7.0E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24608 NEPTUNE AVE | 2,2,4-Trimethylpentane | 1.3E+01 | 5.2E+05 | -- | 3E-05 | -- |
| 24608 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.6E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24608 NEPTUNE AVE | Benzene | 5.3E+01 | 1.6E+04 | 4.2E+01 | 3E-03 | 1E-06 |
| 24608 NEPTUNE AVE | Carbon Disulfide | 6.0E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24608 NEPTUNE AVE | Chloroform | 5.2E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 2E-07 |
| 24608 NEPTUNE AVE | Cyclohexane | 4.1E+00 | 3.1E+06 | -- | 1E-06 | -- |
| 24608 NEPTUNE AVE | Ethanol | 1.7E+02 | 2.1E+06 | -- | 8E-05 | -- |
| 24608 NEPTUNE AVE | Heptane | 1.1E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24608 NEPTUNE AVE | Hexane | 1.5E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24608 NEPTUNE AVE | Isopropanol | 3.7E+01 | 3.7E+06 | -- | 1E-05 | -- |
| 24608 NEPTUNE AVE | Methylene Chloride | 7.5E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 6E-09 |
| 24608 NEPTUNE AVE | Naphthalene | 3.6E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24608 NEPTUNE AVE | Toluene | 3.1E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24608 PANAMA AVE | 1,2,4-Trimethylbenzene | 7.5E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24608 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.5E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24608 PANAMA AVE | Benzene | 9.6E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 24608 PANAMA AVE | Bromodichloromethane | 1.2E+01 | 3.7E+04 | 3.3E+01 | 3E-04 | 4E-07 |
| 24608 PANAMA AVE | Chloroform | 1.1E+03 | 5.1E+04 | 2.3E+02 | 2E-02 | **5E-06** |
| 24608 PANAMA AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24608 PANAMA AVE | Isopropanol | 1.4E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24608 PANAMA AVE | Naphthalene | 1.6E+01 | 1.6E+03 | 3.6E+01 | 1E-02 | 5E-07 |
| 24608 PANAMA AVE | Tetrachloroethene | 9.8E+01 | 2.1E+04 | 2.1E+02 | 5E-03 | 5E-07 |
| 24608 PANAMA AVE | Toluene | 1.4E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24608 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.2E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24608 RAVENNA AVE | Benzene | 2.1E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 5E-07 |
| 24608 RAVENNA AVE | Carbon Disulfide | 7.2E+01 | 3.7E+05 | -- | 2E-04 | -- |
| 24608 RAVENNA AVE | Chloroform | 1.3E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 6E-08 |
| 24608 RAVENNA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24608 RAVENNA AVE | Naphthalene | 2.1E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24608 RAVENNA AVE | Toluene | 3.3E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 24608 RAVENNA AVE | trans-1,3-Dichloropropene | 8.4E+00 | 1.0E+04 | 7.6E+01 | 8E-04 | 1E-07 |
| 24609 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.1E+00 | 2.6E+06 | -- | 2E-06 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24609 NEPTUNE AVE | Benzene | 5.2E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24609 NEPTUNE AVE | Carbon Disulfide | 6.7E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24609 NEPTUNE AVE | Carbon Tetrachloride | 2.1E+01 | 5.2E+04 | 2.9E+01 | 4E-04 | 7E-07 |
| 24609 NEPTUNE AVE | Chloroform | 6.4E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24609 NEPTUNE AVE | Ethanol | 7.7E+01 | 2.1E+06 | -- | 4E-05 | -- |
| 24609 NEPTUNE AVE | Isopropanol | 3.3E+01 | 3.7E+06 | -- | 9E-06 | -- |
| 24609 NEPTUNE AVE | Naphthalene | 2.1E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24609 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.8E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24609 PANAMA AVE | Benzene | 5.7E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 24609 PANAMA AVE | Bromomethane | 1.0E+01 | 2.6E+03 | -- | 4E-03 | -- |
| 24609 PANAMA AVE | Carbon Disulfide | 6.0E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24609 PANAMA AVE | Carbon Tetrachloride | 9.9E+01 | 5.2E+04 | 2.9E+01 | 2E-03 | **3E-06** |
| 24609 PANAMA AVE | Chloroform | 2.9E+01 | 5.1E+04 | 2.3E+02 | 6E-04 | 1E-07 |
| 24609 PANAMA AVE | Ethanol | 5.4E+01 | 2.1E+06 | -- | 3E-05 | -- |
| 24609 PANAMA AVE | Isopropanol | 1.3E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24609 PANAMA AVE | Naphthalene | 3.0E+01 | 1.6E+03 | 3.6E+01 | 2E-02 | 8E-07 |
| 24609 PANAMA AVE | Tetrachloroethene | 3.9E+01 | 2.1E+04 | 2.1E+02 | 2E-03 | 2E-07 |
| 24609 PANAMA AVE | Toluene | 1.2E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24609 RAVENNA AVE | Carbon Disulfide | 5.2E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24609 RAVENNA AVE | Ethanol | 1.8E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24609 RAVENNA AVE | Isopropanol | 1.4E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24609 RAVENNA AVE | Naphthalene | 2.3E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 6E-08 |
| 24612 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24612 MARBELLA AVE | Bromodichloromethane | 1.6E+01 | 3.7E+04 | 3.3E+01 | 4E-04 | 5E-07 |
| 24612 MARBELLA AVE | Chloroform | 3.2E+01 | 5.1E+04 | 2.3E+02 | 6E-04 | 1E-07 |
| 24612 MARBELLA AVE | Ethanol | 2.6E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24612 NEPTUNE AVE | 2,2,4-Trimethylpentane | 7.6E+00 | 5.2E+05 | -- | 2E-05 | -- |
| 24612 NEPTUNE AVE | Chloroform | 6.4E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24612 NEPTUNE AVE | Hexane | 5.7E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24612 NEPTUNE AVE | Isopropanol | 2.1E+01 | 3.7E+06 | -- | 6E-06 | -- |
| 24612 NEPTUNE AVE | Methylene Chloride | 4.5E+00 | 3.1E+05 | 1.2E+03 | 1E-05 | 4E-09 |
| 24612 NEPTUNE AVE | Naphthalene | 2.0E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24612 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24612 PANAMA AVE | Chloroform | 1.0E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 24612 PANAMA AVE | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24612 PANAMA AVE | Hexane | 6.7E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24612 PANAMA AVE | Naphthalene | 2.0E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24612 PANAMA AVE | Toluene | 2.6E+02 | 2.6E+06 | -- | 1E-04 | -- |
| 24612 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.9E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24612 RAVENNA AVE | Chloroform | 8.6E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 24612 RAVENNA AVE | Ethanol | 8.9E+00 | 2.1E+06 | -- | 4E-06 | -- |
| 24612 RAVENNA AVE | Naphthalene | 5.5E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24612 RAVENNA AVE | Toluene | 5.3E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24613 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.8E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24613 MARBELLA AVE | 2-Hexanone | 2.5E+00 | 1.6E+04 | -- | 2E-04 | -- |
| 24613 MARBELLA AVE | Carbon Disulfide | 1.0E+02 | 3.7E+05 | -- | 3E-04 | -- |
| 24613 MARBELLA AVE | Ethanol | 2.8E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24613 MARBELLA AVE | Ethylbenzene | 3.2E+01 | 5.2E+05 | 4.9E+02 | 6E-05 | 7E-08 |
| 24613 MARBELLA AVE | Heptane | 5.0E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24613 MARBELLA AVE | Hexane | 5.7E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24613 MARBELLA AVE | Methylene Chloride | 4.0E+00 | 3.1E+05 | 1.2E+03 | 1E-05 | 3E-09 |
| 24613 MARBELLA AVE | Naphthalene | 2.2E+01 | 1.6E+03 | 3.6E+01 | 1E-02 | 6E-07 |
| 24613 MARBELLA AVE | Propylbenzene | 1.4E+01 | 5.2E+05 | -- | 3E-05 | -- |
| 24613 NEPTUNE AVE | 1,4-Dioxane | 7.9E+01 | 1.6E+06 | 1.6E+02 | 5E-05 | 5E-07 |
| 24613 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24613 NEPTUNE AVE | Benzene | 4.7E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | **Onsite Resident** (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24613 NEPTUNE AVE | Carbon Disulfide | 1.5E+02 | 3.7E+05 | -- | 4E-04 | -- |
| 24613 NEPTUNE AVE | Chloroform | 1.1E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 5E-08 |
| 24613 NEPTUNE AVE | Naphthalene | 1.9E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 24613 PANAMA AVE | 1,2-Dichloroethane | 4.9E+00 | 3.7E+03 | 5.9E+01 | 1E-03 | 8E-08 |
| 24613 PANAMA AVE | 1,4-Dioxane | 4.7E+01 | 1.6E+06 | 1.6E+02 | 3E-05 | 3E-07 |
| 24613 PANAMA AVE | 2,2,4-Trimethylpentane | 5.6E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24613 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24613 PANAMA AVE | Benzene | 6.6E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 2E-07 |
| 24613 PANAMA AVE | Bromomethane | 6.0E+00 | 2.6E+03 | -- | 2E-03 | -- |
| 24613 PANAMA AVE | Carbon Disulfide | 2.3E+02 | 3.7E+05 | -- | 6E-04 | -- |
| 24613 PANAMA AVE | Chloroform | 6.4E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24613 PANAMA AVE | Ethanol | 6.5E+01 | 2.1E+06 | -- | 3E-05 | -- |
| 24613 PANAMA AVE | Heptane | 1.6E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24613 PANAMA AVE | Hexane | 1.4E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24613 PANAMA AVE | Isopropanol | 1.3E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24613 PANAMA AVE | Methylene Chloride | 5.6E+01 | 3.1E+05 | 1.2E+03 | 2E-04 | 5E-08 |
| 24613 PANAMA AVE | Naphthalene | 4.5E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24613 PANAMA AVE | Tetrachloroethene | 1.9E+02 | 2.1E+04 | 2.1E+02 | 9E-03 | 9E-07 |
| 24613 PANAMA AVE | Tetrahydrofuran | 1.1E+01 | 1.0E+06 | -- | 1E-05 | -- |
| 24613 RAVENNA AVE | 1,2,4-Trimethylbenzene | 1.3E+01 | 3.7E+03 | -- | 4E-03 | -- |
| 24613 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24613 RAVENNA AVE | 4-Ethyltoluene | 1.0E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24613 RAVENNA AVE | Benzene | 4.2E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24613 RAVENNA AVE | Carbon Disulfide | 5.8E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24613 RAVENNA AVE | Chloroform | 3.8E+00 | 5.1E+04 | 2.3E+02 | 7E-05 | 2E-08 |
| 24613 RAVENNA AVE | cis-1,2-Dichloroethene | 2.1E+01 | 3.7E+03 | -- | 6E-03 | -- |
| 24613 RAVENNA AVE | Cumene (Isopropylbenzene) | 3.0E+00 | 2.1E+05 | -- | 1E-05 | -- |
| 24613 RAVENNA AVE | Ethanol | 2.4E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24613 RAVENNA AVE | Ethylbenzene | 7.6E+00 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 24613 RAVENNA AVE | Heptane | 1.0E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24613 RAVENNA AVE | Isopropanol | 1.4E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24613 RAVENNA AVE | Naphthalene | 2.8E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24613 RAVENNA AVE | o-Xylene | 1.1E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24613 RAVENNA AVE | p/m-Xylene | 2.7E+01 | 5.2E+04 | -- | 5E-04 | -- |
| 24613 RAVENNA AVE | Tetrachloroethene | 4.5E+01 | 2.1E+04 | 2.1E+02 | 2E-03 | 2E-07 |
| 24613 RAVENNA AVE | Toluene | 3.5E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24616 MARBELLA AVE | 1,4-Dichlorobenzene | 8.4E+00 | 4.2E+05 | 1.1E+02 | 2E-05 | 8E-08 |
| 24616 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.2E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24616 MARBELLA AVE | Bromodichloromethane | 3.7E+02 | 3.7E+04 | 3.3E+01 | 1E-02 | **1E-05** |
| 24616 MARBELLA AVE | Carbon Disulfide | 4.2E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24616 MARBELLA AVE | Chloroform | 1.9E+02 | 5.1E+04 | 2.3E+02 | 4E-03 | 8E-07 |
| 24616 MARBELLA AVE | Dibromochloromethane | 1.1E+02 | 3.7E+04 | 4.5E+01 | 3E-03 | **2E-06** |
| 24616 MARBELLA AVE | Ethanol | 3.3E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24616 MARBELLA AVE | Naphthalene | 9.6E+00 | 1.6E+03 | 3.6E+01 | 6E-03 | 3E-07 |
| 24616 MARBELLA AVE | Tetrachloroethene | 9.4E+00 | 2.1E+04 | 2.1E+02 | 5E-04 | 5E-08 |
| 24616 MARBELLA AVE | Tetrahydrofuran | 8.4E+00 | 1.0E+06 | -- | 8E-06 | -- |
| 24616 MARBELLA AVE | Toluene | 7.2E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24616 MARBELLA AVE | trans-1,3-Dichloropropene | 7.4E+00 | 1.0E+04 | 7.6E+01 | 7E-04 | 1E-07 |
| 24616 MARBELLA AVE | Trichloroethene | 6.8E+01 | 1.0E+03 | 2.2E+02 | 7E-02 | 3E-07 |
| 24617 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.0E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 24617 MARBELLA AVE | Carbon Disulfide | 6.8E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24617 MARBELLA AVE | Ethanol | 2.2E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24617 MARBELLA AVE | Naphthalene | 4.7E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24617 MARBELLA AVE | Tetrachloroethene | 3.9E+01 | 2.1E+04 | 2.1E+02 | 2E-03 | 2E-07 |
| 24617 MARBELLA AVE | Toluene | 5.5E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24618 NEPTUNE AVE | 2,2,4-Trimethylpentane | 1.2E+01 | 5.2E+05 | -- | 2E-05 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24618 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.5E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24618 NEPTUNE AVE | Benzene | 7.0E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 24618 NEPTUNE AVE | Carbon Disulfide | 1.8E+01 | 3.7E+05 | -- | 5E-05 | -- |
| 24618 NEPTUNE AVE | Chloroform | 2.4E+01 | 5.1E+04 | 2.3E+02 | 5E-04 | 1E-07 |
| 24618 NEPTUNE AVE | Ethanol | 7.7E+01 | 2.1E+06 | -- | 4E-05 | -- |
| 24618 NEPTUNE AVE | Naphthalene | 2.4E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 7E-08 |
| 24618 NEPTUNE AVE | p/m-Xylene | 6.9E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24618 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24618 PANAMA AVE | Chloroform | 4.6E+01 | 5.1E+04 | 2.3E+02 | 9E-04 | 2E-07 |
| 24618 PANAMA AVE | Ethanol | 1.8E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24618 PANAMA AVE | Naphthalene | 2.0E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24618 RAVENNA AVE | Chloroform | 1.9E+02 | 5.1E+04 | 2.3E+02 | 4E-03 | 8E-07 |
| 24618 RAVENNA AVE | Ethanol | 1.5E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24618 RAVENNA AVE | Isopropanol | 1.5E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24618 RAVENNA AVE | Naphthalene | 5.8E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24618 RAVENNA AVE | Toluene | 2.5E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24619 NEPTUNE AVE | Ethanol | 1.0E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24619 NEPTUNE AVE | Isopropanol | 3.1E+01 | 3.7E+06 | -- | 9E-06 | -- |
| 24619 NEPTUNE AVE | Naphthalene | 8.3E-01 | 1.6E+03 | 3.6E+01 | 5E-04 | 2E-08 |
| 24619 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24619 PANAMA AVE | Benzene | 1.9E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 5E-07 |
| 24619 PANAMA AVE | Bromomethane | 1.1E+01 | 2.6E+03 | -- | 4E-03 | -- |
| 24619 PANAMA AVE | Ethanol | 6.1E+01 | 2.1E+06 | -- | 3E-05 | -- |
| 24619 PANAMA AVE | Isopropanol | 4.8E+01 | 3.7E+06 | -- | 1E-05 | -- |
| 24619 PANAMA AVE | Naphthalene | 6.8E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24619 PANAMA AVE | Tetrahydrofuran | 2.1E+01 | 1.0E+06 | -- | 2E-05 | -- |
| 24619 PANAMA AVE | Toluene | 9.7E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24619 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+02 | 2.6E+06 | -- | 7E-05 | -- |
| 24619 RAVENNA AVE | Ethanol | 9.4E+00 | 2.1E+06 | -- | 5E-06 | -- |
| 24619 RAVENNA AVE | Methylene Chloride | 6.8E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 6E-09 |
| 24619 RAVENNA AVE | Naphthalene | 3.3E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 9E-08 |
| 24619 RAVENNA AVE | Tetrachloroethene | 2.1E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 1E-07 |
| 24619 RAVENNA AVE | Toluene | 1.4E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24622 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24622 MARBELLA AVE | Carbon Disulfide | 1.2E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24622 MARBELLA AVE | Chloroform | 1.2E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 5E-08 |
| 24622 MARBELLA AVE | Tetrachloroethene | 3.8E+00 | 2.1E+04 | 2.1E+02 | 2E-04 | 2E-08 |
| 24622 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 8.1E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24622 NEPTUNE AVE | 1,4-Dioxane | 3.1E+01 | 1.6E+06 | 1.6E+02 | 2E-05 | 2E-07 |
| 24622 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.1E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24622 NEPTUNE AVE | 4-Ethyltoluene | 7.9E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24622 NEPTUNE AVE | Benzene | 7.0E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 24622 NEPTUNE AVE | Carbon Disulfide | 4.0E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24622 NEPTUNE AVE | Chloroform | 2.8E+01 | 5.1E+04 | 2.3E+02 | 6E-04 | 1E-07 |
| 24622 NEPTUNE AVE | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24622 NEPTUNE AVE | Hexane | 2.1E+00 | 3.7E+05 | -- | 6E-06 | -- |
| 24622 NEPTUNE AVE | Naphthalene | 5.2E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 2E-07 |
| 24623 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24623 MARBELLA AVE | 4-Ethyltoluene | 1.2E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24623 MARBELLA AVE | Benzene | 1.3E+02 | 1.6E+04 | 4.2E+01 | 8E-03 | **3E-06** |
| 24623 MARBELLA AVE | Carbon Disulfide | 5.0E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24623 MARBELLA AVE | Cumene (Isopropylbenzene) | 3.1E+01 | 2.1E+05 | -- | 2E-04 | -- |
| 24623 MARBELLA AVE | Ethanol | 1.9E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24623 MARBELLA AVE | Naphthalene | 9.6E-01 | 1.6E+03 | 3.6E+01 | 6E-04 | 3E-08 |
| 24623 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.5E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24623 NEPTUNE AVE | Chloroform | 6.5E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | **Onsite Resident** (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24623 NEPTUNE AVE | Ethanol | 2.1E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24623 NEPTUNE AVE | Isopropanol | 1.7E+01 | 3.7E+06 | -- | 5E-06 | -- |
| 24623 NEPTUNE AVE | Naphthalene | 5.4E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24623 NEPTUNE AVE | p/m-Xylene | 6.0E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24623 NEPTUNE AVE | Toluene | 1.1E+02 | 2.6E+06 | -- | 4E-05 | -- |
| 24627 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.8E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24627 MARBELLA AVE | Carbon Disulfide | 9.7E+00 | 3.7E+05 | -- | 3E-05 | -- |
| 24627 MARBELLA AVE | Ethanol | 1.4E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24627 MARBELLA AVE | Naphthalene | 7.2E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24627 MARBELLA AVE | Tetrachloroethene | 1.0E+01 | 2.1E+04 | 2.1E+02 | 5E-04 | 5E-08 |
| 24628 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.1E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24628 MARBELLA AVE | Naphthalene | 1.6E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 24628 MARBELLA AVE | p/m-Xylene | 7.8E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24628 MARBELLA AVE | Tetrachloroethene | 1.9E+00 | 2.1E+04 | 2.1E+02 | 9E-05 | 9E-09 |
| 24628 MARBELLA AVE | Toluene | 5.4E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24628 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.6E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24628 NEPTUNE AVE | Bromodichloromethane | 6.1E+01 | 3.7E+04 | 3.3E+01 | 2E-03 | **2E-06** |
| 24628 NEPTUNE AVE | Bromomethane | 5.5E+00 | 2.6E+03 | -- | 2E-03 | -- |
| 24628 NEPTUNE AVE | Chloroform | 1.0E+03 | 5.1E+04 | 2.3E+02 | 2E-02 | **4E-06** |
| 24628 NEPTUNE AVE | cis-1,2-Dichloroethene | 5.3E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24628 NEPTUNE AVE | Dibromochloromethane | 1.7E+01 | 3.7E+04 | 4.5E+01 | 5E-04 | 4E-07 |
| 24628 NEPTUNE AVE | Ethanol | 4.3E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24628 NEPTUNE AVE | Naphthalene | 3.2E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 9E-08 |
| 24628 NEPTUNE AVE | Toluene | 1.2E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24629 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 9.2E+00 | 3.7E+03 | -- | 3E-03 | -- |
| 24629 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.7E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24629 NEPTUNE AVE | Benzene | 2.3E+02 | 1.6E+04 | 4.2E+01 | 2E-02 | **6E-06** |
| 24629 NEPTUNE AVE | Bromomethane | 6.4E+00 | 2.6E+03 | -- | 3E-03 | -- |
| 24629 NEPTUNE AVE | Carbon Disulfide | 3.8E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24629 NEPTUNE AVE | Cumene (Isopropylbenzene) | 1.0E+02 | 2.1E+05 | -- | 5E-04 | -- |
| 24629 NEPTUNE AVE | Ethanol | 3.1E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24629 NEPTUNE AVE | Isopropanol | 1.2E+01 | 3.7E+06 | -- | 3E-06 | -- |
| 24629 NEPTUNE AVE | Methylene Chloride | 7.3E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 6E-09 |
| 24629 NEPTUNE AVE | Naphthalene | 2.7E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24632 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.7E+01 | 2.6E+06 | -- | 3E-05 | -- |
| 24632 NEPTUNE AVE | 2-Hexanone | 5.0E+00 | 1.6E+04 | -- | 3E-04 | -- |
| 24632 NEPTUNE AVE | Benzene | 6.3E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 2E-07 |
| 24632 NEPTUNE AVE | Bromomethane | 4.9E+00 | 2.6E+03 | -- | 2E-03 | -- |
| 24632 NEPTUNE AVE | Carbon Disulfide | 2.6E+01 | 3.7E+05 | -- | 7E-05 | -- |
| 24632 NEPTUNE AVE | Chloroform | 5.2E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 2E-07 |
| 24632 NEPTUNE AVE | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24632 NEPTUNE AVE | Heptane | 9.0E+00 | 3.7E+05 | -- | 3E-05 | -- |
| 24632 NEPTUNE AVE | Hexane | 1.4E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24632 NEPTUNE AVE | Naphthalene | 1.1E+01 | 1.6E+03 | 3.6E+01 | 7E-03 | 3E-07 |
| 24632 NEPTUNE AVE | Tetrachloroethene | 2.8E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 1E-07 |
| 24632 NEPTUNE AVE | Tetrahydrofuran | 3.7E+00 | 1.0E+06 | -- | 4E-06 | -- |
| 24632 NEPTUNE AVE | Toluene | 2.0E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24633 MARBELLA AVE | Ethanol | 3.8E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24633 MARBELLA AVE | Isopropanol | 2.9E+01 | 3.7E+06 | -- | 8E-06 | -- |
| 24633 MARBELLA AVE | Naphthalene | 7.7E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24633 MARBELLA AVE | Toluene | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24700 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.5E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24700 MARBELLA AVE | Benzene | 2.6E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 6E-07 |
| 24700 MARBELLA AVE | Bromomethane | 1.9E+01 | 2.6E+03 | -- | 7E-03 | -- |
| 24700 MARBELLA AVE | Carbon Disulfide | 9.9E+00 | 3.7E+05 | -- | 3E-05 | -- |
| 24700 MARBELLA AVE | Chloroform | 3.4E+01 | 5.1E+04 | 2.3E+02 | 7E-04 | 2E-07 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24700 MARBELLA AVE | Cyclohexane | 6.7E+01 | 3.1E+06 | -- | 2E-05 | -- |
| 24700 MARBELLA AVE | Ethanol | 2.8E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24700 MARBELLA AVE | Hexane | 2.8E+01 | 3.7E+05 | -- | 8E-05 | -- |
| 24700 MARBELLA AVE | Isopropanol | 1.4E+03 | 3.7E+06 | -- | 4E-04 | -- |
| 24700 MARBELLA AVE | Methylene Chloride | 2.9E+00 | 3.1E+05 | 1.2E+03 | 9E-06 | 2E-09 |
| 24700 MARBELLA AVE | Naphthalene | 5.9E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24700 MARBELLA AVE | Tetrachloroethene | 2.7E+00 | 2.1E+04 | 2.1E+02 | 1E-04 | 1E-08 |
| 24700 MARBELLA AVE | Toluene | 2.7E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 24700 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.5E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24700 RAVENNA AVE | Benzene | 9.0E-01 | 1.6E+04 | 4.2E+01 | 6E-05 | 2E-08 |
| 24700 RAVENNA AVE | Bromodichloromethane | 3.5E+00 | 3.7E+04 | 3.3E+01 | 1E-04 | 1E-07 |
| 24700 RAVENNA AVE | Carbon Disulfide | 7.7E-01 | 3.7E+05 | -- | 2E-06 | -- |
| 24700 RAVENNA AVE | Chloroform | 5.3E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 2E-07 |
| 24700 RAVENNA AVE | Cumene (Isopropylbenzene) | 1.4E+01 | 2.1E+05 | -- | 7E-05 | -- |
| 24700 RAVENNA AVE | Dibromochloromethane | 7.5E-01 | 3.7E+04 | 4.5E+01 | 2E-05 | 2E-08 |
| 24700 RAVENNA AVE | Ethanol | 1.6E+03 | 2.1E+06 | -- | 8E-04 | -- |
| 24700 RAVENNA AVE | Isopropanol | 2.1E+01 | 3.7E+06 | -- | 6E-06 | -- |
| 24700 RAVENNA AVE | Naphthalene | 1.9E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 24700 RAVENNA AVE | Tetrachloroethene | 2.0E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 1E-07 |
| 24702 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24702 NEPTUNE AVE | Ethanol | 3.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24702 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.9E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24702 PANAMA AVE | 2-Hexanone | 2.0E+00 | 1.6E+04 | -- | 1E-04 | -- |
| 24702 PANAMA AVE | Benzene | 3.8E+00 | 1.6E+04 | 4.2E+01 | 2E-04 | 9E-08 |
| 24702 PANAMA AVE | Ethanol | 8.9E+01 | 2.1E+06 | -- | 4E-05 | -- |
| 24702 PANAMA AVE | Isopropanol | 1.7E+01 | 3.7E+06 | -- | 5E-06 | -- |
| 24702 PANAMA AVE | Naphthalene | 7.1E-01 | 1.6E+03 | 3.6E+01 | 5E-04 | 2E-08 |
| 24702 PANAMA AVE | Toluene | 3.6E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24703 MARBELLA AVE | 1,4-Dioxane | 2.1E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 24703 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.5E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24703 MARBELLA AVE | Carbon Tetrachloride | 1.1E+01 | 5.2E+04 | 2.9E+01 | 2E-04 | 4E-07 |
| 24703 MARBELLA AVE | Chloroform | 1.6E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 7E-08 |
| 24703 MARBELLA AVE | Ethanol | 4.6E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24703 MARBELLA AVE | Isopropanol | 8.3E+00 | 3.7E+06 | -- | 2E-06 | -- |
| 24703 MARBELLA AVE | Naphthalene | 5.3E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 2E-07 |
| 24703 MARBELLA AVE | Toluene | 7.8E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24703 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 6.2E+01 | 3.7E+03 | -- | 2E-02 | -- |
| 24703 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 3.2E+01 | 3.7E+03 | -- | 9E-03 | -- |
| 24703 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.5E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24703 NEPTUNE AVE | 4-Ethyltoluene | 3.2E+01 | 5.2E+04 | -- | 6E-04 | -- |
| 24703 NEPTUNE AVE | Benzene | 7.0E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 24703 NEPTUNE AVE | Cumene (Isopropylbenzene) | 1.0E+01 | 2.1E+05 | -- | 5E-05 | -- |
| 24703 NEPTUNE AVE | Isopropanol | 1.8E+01 | 3.7E+06 | -- | 5E-06 | -- |
| 24703 NEPTUNE AVE | Naphthalene | 9.9E+00 | 1.6E+03 | 3.6E+01 | 6E-03 | 3E-07 |
| 24703 NEPTUNE AVE | o-Xylene | 8.1E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24703 NEPTUNE AVE | p/m-Xylene | 1.2E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24703 NEPTUNE AVE | Trichloroethene | 2.1E+00 | 1.0E+03 | 2.2E+02 | 2E-03 | 1E-08 |
| 24703 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.2E+02 | 2.6E+06 | -- | 5E-05 | -- |
| 24703 PANAMA AVE | Chloroform | 6.0E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24703 PANAMA AVE | Heptane | 1.0E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24703 PANAMA AVE | Naphthalene | 7.7E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24703 PANAMA AVE | Toluene | 1.3E+03 | 2.6E+06 | -- | 5E-04 | -- |
| 24703 RAVENNA AVE | 1,4-Dioxane | 3.9E+00 | 1.6E+06 | 1.6E+02 | 3E-06 | 3E-08 |
| 24703 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.2E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24703 RAVENNA AVE | Chloroform | 8.0E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 24703 RAVENNA AVE | Ethanol | 1.7E+01 | 2.1E+06 | -- | 8E-06 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24703 RAVENNA AVE | Isopropanol | 2.0E+01 | 3.7E+06 | -- | 6E-06 | -- |
| 24703 RAVENNA AVE | Naphthalene | 4.1E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24703 RAVENNA AVE | Tetrachloroethene | 4.5E+00 | 2.1E+04 | 2.1E+02 | 2E-04 | 2E-08 |
| 24703 RAVENNA AVE | Toluene | 8.0E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24706 MARBELLA AVE | 1,2,4-Trimethylbenzene | 1.7E+01 | 3.7E+03 | -- | 5E-03 | -- |
| 24706 MARBELLA AVE | 1,3,5-Trimethylbenzene | 7.9E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24706 MARBELLA AVE | 2,2,4-Trimethylpentane | 6.8E+01 | 5.2E+05 | -- | 1E-04 | -- |
| 24706 MARBELLA AVE | 4-Ethyltoluene | 8.1E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24706 MARBELLA AVE | Benzene | 1.6E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 4E-07 |
| 24706 MARBELLA AVE | Bromomethane | 6.3E+01 | 2.6E+03 | -- | 2E-02 | -- |
| 24706 MARBELLA AVE | Chloroform | 1.8E+02 | 5.1E+04 | 2.3E+02 | 4E-03 | 8E-07 |
| 24706 MARBELLA AVE | Cumene (Isopropylbenzene) | 1.8E+01 | 2.1E+05 | -- | 9E-05 | -- |
| 24706 MARBELLA AVE | Cyclohexane | 3.6E+02 | 3.1E+06 | -- | 1E-04 | -- |
| 24706 MARBELLA AVE | Ethylbenzene | 8.2E+00 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 24706 MARBELLA AVE | Heptane | 9.5E+00 | 3.7E+05 | -- | 3E-05 | -- |
| 24706 MARBELLA AVE | Hexane | 2.3E+01 | 3.7E+05 | -- | 6E-05 | -- |
| 24706 MARBELLA AVE | Naphthalene | 2.4E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 7E-08 |
| 24706 MARBELLA AVE | o-Xylene | 6.3E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24706 MARBELLA AVE | p/m-Xylene | 1.9E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24706 MARBELLA AVE | Propylbenzene | 9.0E+00 | 5.2E+05 | -- | 2E-05 | -- |
| 24706 MARBELLA AVE | Toluene | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24706 RAVENNA AVE | 1,2,4-Trimethylbenzene | 6.2E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24706 RAVENNA AVE | 2,2,4-Trimethylpentane | 6.1E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24706 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24706 RAVENNA AVE | Benzene | 2.2E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 5E-07 |
| 24706 RAVENNA AVE | Carbon Disulfide | 1.8E+01 | 3.7E+05 | -- | 5E-05 | -- |
| 24706 RAVENNA AVE | Chloroform | 1.0E+02 | 5.1E+04 | 2.3E+02 | 2E-03 | 4E-07 |
| 24706 RAVENNA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24706 RAVENNA AVE | Naphthalene | 3.0E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24706 RAVENNA AVE | Toluene | 4.0E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24707 MARBELLA AVE | 1,4-Dioxane | 1.7E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 24707 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24707 MARBELLA AVE | Carbon Disulfide | 5.1E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24707 MARBELLA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24707 MARBELLA AVE | Isopropanol | 1.2E+01 | 3.7E+06 | -- | 3E-06 | -- |
| 24707 MARBELLA AVE | Naphthalene | 7.1E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 24707 MARBELLA AVE | Tetrachloroethene | 1.6E+01 | 2.1E+04 | 2.1E+02 | 8E-04 | 8E-08 |
| 24708 PANAMA AVE | 1,4-Dioxane | 2.0E+02 | 1.6E+06 | 1.6E+02 | 1E-04 | 1E-06 |
| 24708 PANAMA AVE | Chloroform | 7.2E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24708 PANAMA AVE | Ethanol | 3.7E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24708 PANAMA AVE | Naphthalene | 3.8E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24708 PANAMA AVE | Tetrachloroethene | 2.0E+00 | 2.1E+04 | 2.1E+02 | 1E-04 | 1E-08 |
| 24709 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 6.6E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24709 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.0E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24709 NEPTUNE AVE | Benzene | 1.5E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 4E-07 |
| 24709 NEPTUNE AVE | Ethanol | 4.6E+02 | 2.1E+06 | -- | 2E-04 | -- |
| 24709 NEPTUNE AVE | Naphthalene | 1.6E+02 | 1.6E+03 | 3.6E+01 | 1E-01 | **5E-06** |
| 24709 NEPTUNE AVE | p/m-Xylene | 5.0E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24709 NEPTUNE AVE | Tetrachloroethene | 4.8E+00 | 2.1E+04 | 2.1E+02 | 2E-04 | 2E-08 |
| 24709 NEPTUNE AVE | Toluene | 5.5E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24709 PANAMA AVE | 1,2-Dichloropropane | 2.2E+01 | 2.1E+03 | 1.2E+02 | 1E-02 | 2E-07 |
| 24709 PANAMA AVE | 1,4-Dichlorobenzene | 8.6E+00 | 4.2E+05 | 1.1E+02 | 2E-05 | 8E-08 |
| 24709 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24709 PANAMA AVE | Carbon Disulfide | 5.4E+01 | 3.7E+05 | -- | 2E-04 | -- |
| 24709 PANAMA AVE | Chloroform | 2.9E+01 | 5.1E+04 | 2.3E+02 | 6E-04 | 1E-07 |
| 24709 PANAMA AVE | Ethanol | 6.7E+01 | 2.1E+06 | -- | 3E-05 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | **Onsite Resident** (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24709 PANAMA AVE | Isopropanol | 1.3E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24709 PANAMA AVE | Naphthalene | 1.6E+01 | 1.6E+03 | 3.6E+01 | 1E-02 | 5E-07 |
| 24709 PANAMA AVE | Tetrachloroethene | 2.0E+00 | 2.1E+04 | 2.1E+02 | 1E-04 | 1E-08 |
| 24709 PANAMA AVE | Toluene | 9.7E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24709 PANAMA AVE | Trichloroethene | 2.2E+00 | 1.0E+03 | 2.2E+02 | 2E-03 | 1E-08 |
| 24709 RAVENNA AVE | 1,2,4-Trimethylbenzene | 2.5E+01 | 3.7E+03 | -- | 7E-03 | -- |
| 24709 RAVENNA AVE | 1,3,5-Trimethylbenzene | 7.4E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24709 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+01 | 2.6E+06 | -- | 3E-05 | -- |
| 24709 RAVENNA AVE | 2-Hexanone | 7.4E+01 | 1.6E+04 | -- | 5E-03 | -- |
| 24709 RAVENNA AVE | 4-Ethyltoluene | 2.2E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24709 RAVENNA AVE | Benzene | 7.0E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 24709 RAVENNA AVE | Carbon Disulfide | 7.4E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24709 RAVENNA AVE | Chloroform | 6.7E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24709 RAVENNA AVE | Cumene (Isopropylbenzene) | 1.5E+01 | 2.1E+05 | -- | 7E-05 | -- |
| 24709 RAVENNA AVE | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24709 RAVENNA AVE | Ethylbenzene | 8.6E+00 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 24709 RAVENNA AVE | Heptane | 4.9E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24709 RAVENNA AVE | Naphthalene | 1.7E+01 | 1.6E+03 | 3.6E+01 | 1E-02 | 5E-07 |
| 24709 RAVENNA AVE | o-Xylene | 1.6E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24709 RAVENNA AVE | p/m-Xylene | 4.5E+01 | 5.2E+04 | -- | 9E-04 | -- |
| 24709 RAVENNA AVE | Propylbenzene | 6.8E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24709 RAVENNA AVE | Toluene | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24710 MARBELLA AVE | 1,2,4-Trimethylbenzene | 6.0E+01 | 3.7E+03 | -- | 2E-02 | -- |
| 24710 MARBELLA AVE | 1,2-Dichloropropane | 7.3E+00 | 2.1E+03 | 1.2E+02 | 4E-03 | 6E-08 |
| 24710 MARBELLA AVE | 1,3,5-Trimethylbenzene | 1.8E+01 | 3.7E+03 | -- | 5E-03 | -- |
| 24710 MARBELLA AVE | 1,4-Dioxane | 1.8E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 24710 MARBELLA AVE | 2,2,4-Trimethylpentane | 2.2E+01 | 5.2E+05 | -- | 4E-05 | -- |
| 24710 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.4E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24710 MARBELLA AVE | 4-Ethyltoluene | 2.9E+01 | 5.2E+04 | -- | 6E-04 | -- |
| 24710 MARBELLA AVE | Carbon Disulfide | 4.6E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24710 MARBELLA AVE | Chloroform | 3.6E+01 | 5.1E+04 | 2.3E+02 | 7E-04 | 2E-07 |
| 24710 MARBELLA AVE | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24710 MARBELLA AVE | Ethylbenzene | 7.4E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 2E-08 |
| 24710 MARBELLA AVE | Isopropanol | 1.8E+01 | 3.7E+06 | -- | 5E-06 | -- |
| 24710 MARBELLA AVE | Naphthalene | 3.5E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24710 MARBELLA AVE | o-Xylene | 3.7E+01 | 5.2E+04 | -- | 7E-04 | -- |
| 24710 MARBELLA AVE | p/m-Xylene | 5.7E+01 | 5.2E+04 | -- | 1E-03 | -- |
| 24710 MARBELLA AVE | Propylbenzene | 4.5E+00 | 5.2E+05 | -- | 9E-06 | -- |
| 24710 MARBELLA AVE | Toluene | 3.5E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24710 MARBELLA AVE | Trichloroethene | 1.2E+01 | 1.0E+03 | 2.2E+02 | 1E-02 | 6E-08 |
| 24712 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.2E+02 | 3.7E+03 | -- | 3E-02 | -- |
| 24712 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 1.2E+01 | 3.7E+03 | -- | 3E-03 | -- |
| 24712 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.3E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24712 NEPTUNE AVE | 4-Ethyltoluene | 4.2E+01 | 5.2E+04 | -- | 8E-04 | -- |
| 24712 NEPTUNE AVE | Benzene | 2.3E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 6E-07 |
| 24712 NEPTUNE AVE | Bromodichloromethane | 2.9E+01 | 3.7E+04 | 3.3E+01 | 8E-04 | 9E-07 |
| 24712 NEPTUNE AVE | Chloroform | 5.8E+02 | 5.1E+04 | 2.3E+02 | 1E-02 | **3E-06** |
| 24712 NEPTUNE AVE | Cumene (Isopropylbenzene) | 6.8E+00 | 2.1E+05 | -- | 3E-05 | -- |
| 24712 NEPTUNE AVE | Cyclohexane | 6.4E+00 | 3.1E+06 | -- | 2E-06 | -- |
| 24712 NEPTUNE AVE | Dibromochloromethane | 2.3E+01 | 3.7E+04 | 4.5E+01 | 6E-04 | 5E-07 |
| 24712 NEPTUNE AVE | Ethanol | 1.5E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24712 NEPTUNE AVE | Ethylbenzene | 5.8E+01 | 5.2E+05 | 4.9E+02 | 1E-04 | 1E-07 |
| 24712 NEPTUNE AVE | Heptane | 1.4E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24712 NEPTUNE AVE | Hexane | 8.5E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24712 NEPTUNE AVE | Methylene Chloride | 1.8E+00 | 3.1E+05 | 1.2E+03 | 6E-06 | 2E-09 |
| 24712 NEPTUNE AVE | Naphthalene | 6.0E+01 | 1.6E+03 | 3.6E+01 | 4E-02 | **2E-06** |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24712 NEPTUNE AVE | o-Xylene | 6.7E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24712 NEPTUNE AVE | p/m-Xylene | 8.8E+01 | 5.2E+04 | -- | 2E-03 | -- |
| 24712 NEPTUNE AVE | Propylbenzene | 1.7E+01 | 5.2E+05 | -- | 3E-05 | -- |
| 24712 NEPTUNE AVE | Toluene | 2.0E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24712 PANAMA AVE | 2,2,4-Trimethylpentane | 1.3E+01 | 5.2E+05 | -- | 3E-05 | -- |
| 24712 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 24712 PANAMA AVE | Heptane | 1.2E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24712 PANAMA AVE | Hexane | 1.2E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24712 PANAMA AVE | Naphthalene | 7.3E-01 | 1.6E+03 | 3.6E+01 | 5E-04 | 2E-08 |
| 24712 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.3E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24712 RAVENNA AVE | Chloroform | 4.1E+00 | 5.1E+04 | 2.3E+02 | 8E-05 | 2E-08 |
| 24712 RAVENNA AVE | Ethanol | 2.2E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24712 RAVENNA AVE | Isopropanol | 1.6E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24712 RAVENNA AVE | Methylene Chloride | 5.0E+01 | 3.1E+05 | 1.2E+03 | 2E-04 | 4E-08 |
| 24712 RAVENNA AVE | Naphthalene | 5.0E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24712 RAVENNA AVE | Tetrachloroethene | 4.6E+00 | 2.1E+04 | 2.1E+02 | 2E-04 | 2E-08 |
| 24713 MARBELLA AVE | Isopropanol | 3.3E+01 | 3.7E+06 | -- | 9E-06 | -- |
| 24713 MARBELLA AVE | Methylene Chloride | 6.1E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 5E-09 |
| 24713 MARBELLA AVE | Naphthalene | 2.0E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24713 MARBELLA AVE | Toluene | 6.2E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24713 PANAMA AVE | 1,2,4-Trimethylbenzene | 8.2E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24713 PANAMA AVE | 4-Ethyltoluene | 6.8E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24713 PANAMA AVE | Benzene | 3.9E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 9E-08 |
| 24713 PANAMA AVE | Bromodichloromethane | 2.9E+01 | 3.7E+04 | 3.3E+01 | 8E-04 | 9E-07 |
| 24713 PANAMA AVE | Carbon Disulfide | 1.8E+01 | 3.7E+05 | -- | 5E-05 | -- |
| 24713 PANAMA AVE | Chloroform | 1.1E+02 | 5.1E+04 | 2.3E+02 | 2E-03 | 5E-07 |
| 24713 PANAMA AVE | Naphthalene | 5.5E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24713 PANAMA AVE | p/m-Xylene | 1.2E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24713 PANAMA AVE | Tetrachloroethene | 2.0E+02 | 2.1E+04 | 2.1E+02 | 1E-02 | 1E-06 |
| 24713 PANAMA AVE | Toluene | 5.6E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24713 RAVENNA AVE | Chloroform | 4.0E+02 | 5.1E+04 | 2.3E+02 | 8E-03 | **2E-06** |
| 24713 RAVENNA AVE | Ethanol | 1.8E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24713 RAVENNA AVE | Naphthalene | 1.3E+00 | 1.6E+03 | 3.6E+01 | 8E-04 | 4E-08 |
| 24715 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24715 NEPTUNE AVE | Benzene | 4.6E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24715 NEPTUNE AVE | Bromomethane | 9.9E+00 | 2.6E+03 | -- | 4E-03 | -- |
| 24715 NEPTUNE AVE | Ethanol | 6.3E+01 | 2.1E+06 | -- | 3E-05 | -- |
| 24715 NEPTUNE AVE | Isopropanol | 3.1E+01 | 3.7E+06 | -- | 9E-06 | -- |
| 24715 NEPTUNE AVE | Naphthalene | 2.4E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 7E-08 |
| 24715 NEPTUNE AVE | Toluene | 7.5E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24716 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.7E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24716 MARBELLA AVE | Benzene | 5.6E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 24716 MARBELLA AVE | Carbon Disulfide | 4.0E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24716 MARBELLA AVE | Chloroform | 8.9E+02 | 5.1E+04 | 2.3E+02 | 2E-02 | **4E-06** |
| 24716 MARBELLA AVE | cis-1,2-Dichloroethene | 4.2E+00 | 3.7E+03 | -- | 1E-03 | -- |
| 24716 MARBELLA AVE | Cyclohexane | 9.8E+00 | 3.1E+06 | -- | 3E-06 | -- |
| 24716 MARBELLA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24716 MARBELLA AVE | Ethylbenzene | 4.9E+00 | 5.2E+05 | 4.9E+02 | 9E-06 | 1E-08 |
| 24716 MARBELLA AVE | Naphthalene | 4.9E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24716 MARBELLA AVE | Tetrachloroethene | 2.8E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 1E-07 |
| 24716 MARBELLA AVE | Tetrahydrofuran | 8.6E+00 | 1.0E+06 | -- | 8E-06 | -- |
| 24716 MARBELLA AVE | Toluene | 6.2E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24716 MARBELLA AVE | Trichloroethene | 2.2E+01 | 1.0E+03 | 2.2E+02 | 2E-02 | 1E-07 |
| 24716 RAVENNA AVE | Chloroform | 4.9E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 2E-07 |
| 24716 RAVENNA AVE | Naphthalene | 1.5E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 4E-08 |
| 24717 MARBELLA AVE | 1,4-Dichlorobenzene | 1.1E+01 | 4.2E+05 | 1.1E+02 | 3E-05 | 1E-07 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24717 MARBELLA AVE | 2,2,4-Trimethylpentane | 5.5E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24717 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.6E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24717 MARBELLA AVE | Benzene | 5.2E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24717 MARBELLA AVE | Carbon Disulfide | 9.1E+01 | 3.7E+05 | -- | 3E-04 | -- |
| 24717 MARBELLA AVE | Chloroform | 1.6E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 7E-08 |
| 24717 MARBELLA AVE | Ethanol | 2.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24717 MARBELLA AVE | Hexane | 5.9E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24717 MARBELLA AVE | Methylene Chloride | 4.6E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 4E-09 |
| 24717 MARBELLA AVE | Naphthalene | 3.9E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24717 MARBELLA AVE | p/m-Xylene | 6.3E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24717 MARBELLA AVE | Tetrachloroethene | 2.2E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 1E-07 |
| 24717 MARBELLA AVE | Toluene | 7.8E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24718 NEPTUNE AVE | Ethanol | 2.4E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24718 NEPTUNE AVE | Isopropanol | 1.4E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24718 NEPTUNE AVE | Methylene Chloride | 3.9E+01 | 3.1E+05 | 1.2E+03 | 1E-04 | 3E-08 |
| 24718 NEPTUNE AVE | Naphthalene | 3.9E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24718 NEPTUNE AVE | Tetrachloroethene | 5.4E+01 | 2.1E+04 | 2.1E+02 | 3E-03 | 3E-07 |
| 24718 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24718 PANAMA AVE | Chloroform | 2.9E+02 | 5.1E+04 | 2.3E+02 | 6E-03 | 1E-06 |
| 24718 PANAMA AVE | Ethanol | 3.2E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24718 PANAMA AVE | Naphthalene | 6.7E-01 | 1.6E+03 | 3.6E+01 | 4E-04 | 2E-08 |
| 24718 PANAMA AVE | Tetrachloroethene | 2.5E+02 | 2.1E+04 | 2.1E+02 | 1E-02 | 1E-06 |
| 24718 PANAMA AVE | Toluene | 2.6E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24718 PANAMA AVE | Trichloroethene | 1.6E+01 | 1.0E+03 | 2.2E+02 | 2E-02 | 7E-08 |
| 24719 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24719 NEPTUNE AVE | Benzene | 4.8E+01 | 1.6E+04 | 4.2E+01 | 3E-03 | 1E-06 |
| 24719 NEPTUNE AVE | Carbon Disulfide | 1.1E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24719 NEPTUNE AVE | Chloroform | 8.3E+02 | 5.1E+04 | 2.3E+02 | 2E-02 | **4E-06** |
| 24719 NEPTUNE AVE | Cumene (Isopropylbenzene) | 6.7E+00 | 2.1E+05 | -- | 3E-05 | -- |
| 24719 NEPTUNE AVE | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24719 NEPTUNE AVE | Isopropanol | 8.7E+01 | 3.7E+06 | -- | 2E-05 | -- |
| 24719 NEPTUNE AVE | Naphthalene | 3.2E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 9E-08 |
| 24719 NEPTUNE AVE | Tetrahydrofuran | 2.4E+01 | 1.0E+06 | -- | 2E-05 | -- |
| 24719 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.1E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24719 PANAMA AVE | 2-Hexanone | 2.0E+00 | 1.6E+04 | -- | 1E-04 | -- |
| 24719 PANAMA AVE | Carbon Disulfide | 5.6E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24719 PANAMA AVE | Chloroform | 1.9E+01 | 5.1E+04 | 2.3E+02 | 4E-04 | 8E-08 |
| 24719 PANAMA AVE | Ethanol | 2.9E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24719 PANAMA AVE | Heptane | 1.1E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24719 PANAMA AVE | Hexane | 1.9E+01 | 3.7E+05 | -- | 5E-05 | -- |
| 24719 PANAMA AVE | Isopropanol | 2.5E+01 | 3.7E+06 | -- | 7E-06 | -- |
| 24719 PANAMA AVE | Naphthalene | 3.1E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 9E-08 |
| 24719 PANAMA AVE | Toluene | 1.2E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24719 RAVENNA AVE | Ethanol | 9.9E+00 | 2.1E+06 | -- | 5E-06 | -- |
| 24719 RAVENNA AVE | Isopropanol | 1.4E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24719 RAVENNA AVE | Naphthalene | 4.7E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24719 RAVENNA AVE | Toluene | 4.6E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24722 MARBELLA AVE | 1,4-Dioxane | 3.9E+01 | 1.6E+06 | 1.6E+02 | 3E-05 | 3E-07 |
| 24722 MARBELLA AVE | 2-Hexanone | 1.8E+00 | 1.6E+04 | -- | 1E-04 | -- |
| 24722 MARBELLA AVE | Naphthalene | 2.4E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 7E-08 |
| 24722 MARBELLA AVE | Toluene | 4.8E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24722 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.5E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24722 NEPTUNE AVE | Benzene | 2.7E+02 | 1.6E+04 | 4.2E+01 | 2E-02 | **6E-06** |
| 24722 NEPTUNE AVE | Cyclohexane | 2.5E+00 | 3.1E+06 | -- | 8E-07 | -- |
| 24722 NEPTUNE AVE | Ethanol | 3.7E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24722 NEPTUNE AVE | Isopropanol | 2.0E+01 | 3.7E+06 | -- | 6E-06 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24722 NEPTUNE AVE | Naphthalene | 2.3E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 6E-08 |
| 24722 NEPTUNE AVE | Toluene | 3.8E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24722 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.6E+01 | 3.7E+03 | -- | 4E-03 | -- |
| 24722 PANAMA AVE | 1,4-Dichlorobenzene | 7.2E+00 | 4.2E+05 | 1.1E+02 | 2E-05 | 7E-08 |
| 24722 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.8E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24722 PANAMA AVE | 4-Ethyltoluene | 1.3E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24722 PANAMA AVE | Benzene | 9.7E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 24722 PANAMA AVE | Bromodichloromethane | 3.6E+01 | 3.7E+04 | 3.3E+01 | 1E-03 | 1E-06 |
| 24722 PANAMA AVE | Carbon Disulfide | 8.2E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24722 PANAMA AVE | Chloroform | 4.2E+01 | 5.1E+04 | 2.3E+02 | 8E-04 | 2E-07 |
| 24722 PANAMA AVE | Dibromochloromethane | 3.2E+01 | 3.7E+04 | 4.5E+01 | 9E-04 | 7E-07 |
| 24722 PANAMA AVE | Ethanol | 2.0E+02 | 2.1E+06 | -- | 1E-04 | -- |
| 24722 PANAMA AVE | Ethylbenzene | 6.9E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 1E-08 |
| 24722 PANAMA AVE | Heptane | 8.5E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24722 PANAMA AVE | Hexane | 5.5E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24722 PANAMA AVE | Isopropanol | 4.9E+01 | 3.7E+06 | -- | 1E-05 | -- |
| 24722 PANAMA AVE | Naphthalene | 1.3E+01 | 1.6E+03 | 3.6E+01 | 8E-03 | 4E-07 |
| 24722 PANAMA AVE | o-Xylene | 6.9E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24722 PANAMA AVE | p/m-Xylene | 2.6E+01 | 5.2E+04 | -- | 5E-04 | -- |
| 24722 PANAMA AVE | Tetrahydrofuran | 8.2E+00 | 1.0E+06 | -- | 8E-06 | -- |
| 24722 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24722 RAVENNA AVE | Chloroform | 5.8E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24722 RAVENNA AVE | Ethanol | 1.9E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24722 RAVENNA AVE | Naphthalene | 2.3E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 6E-08 |
| 24723 MARBELLA AVE | 1,4-Dioxane | 6.6E+01 | 1.6E+06 | 1.6E+02 | 4E-05 | 4E-07 |
| 24723 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.6E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24723 MARBELLA AVE | Benzene | 3.8E+00 | 1.6E+04 | 4.2E+01 | 2E-04 | 9E-08 |
| 24723 MARBELLA AVE | Ethanol | 4.8E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24723 MARBELLA AVE | Naphthalene | 4.1E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24723 MARBELLA AVE | Tetrachloroethene | 4.3E+02 | 2.1E+04 | 2.1E+02 | 2E-02 | **2E-06** |
| 24723 MARBELLA AVE | Tetrahydrofuran | 1.1E+01 | 1.0E+06 | -- | 1E-05 | -- |
| 24723 MARBELLA AVE | Toluene | 6.9E+01 | 2.6E+06 | -- | 3E-05 | -- |
| 24723 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24723 RAVENNA AVE | Bromodichloromethane | 2.7E+01 | 3.7E+04 | 3.3E+01 | 7E-04 | 8E-07 |
| 24723 RAVENNA AVE | Chloroform | 6.5E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 3E-07 |
| 24723 RAVENNA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24723 RAVENNA AVE | Naphthalene | 1.1E+00 | 1.6E+03 | 3.6E+01 | 7E-04 | 3E-08 |
| 24723 RAVENNA AVE | Toluene | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24725 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 7.7E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24725 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 24725 NEPTUNE AVE | 4-Ethyltoluene | 6.6E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24725 NEPTUNE AVE | Benzene | 4.3E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24725 NEPTUNE AVE | Chloroform | 1.3E+02 | 5.1E+04 | 2.3E+02 | 3E-03 | 6E-07 |
| 24725 NEPTUNE AVE | Ethanol | 2.4E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24725 NEPTUNE AVE | Naphthalene | 6.0E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24725 NEPTUNE AVE | p/m-Xylene | 1.1E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24725 NEPTUNE AVE | Toluene | 8.6E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24726 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.4E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24726 MARBELLA AVE | Benzene | 5.2E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24726 MARBELLA AVE | Chloroform | 6.4E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 3E-07 |
| 24726 MARBELLA AVE | Naphthalene | 3.0E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24726 MARBELLA AVE | Tetrachloroethene | 1.6E+01 | 2.1E+04 | 2.1E+02 | 8E-04 | 8E-08 |
| 24726 RAVENNA AVE | Chloroform | 1.0E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 24726 RAVENNA AVE | Isopropanol | 2.0E+01 | 3.7E+06 | -- | 6E-06 | -- |
| 24726 RAVENNA AVE | Naphthalene | 2.2E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24726 RAVENNA AVE | Toluene | 7.0E+00 | 2.6E+06 | -- | 3E-06 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24727 MARBELLA AVE | 1,4-Dioxane | 1.9E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 24727 MARBELLA AVE | Naphthalene | 5.7E-01 | 1.6E+03 | 3.6E+01 | 4E-04 | 2E-08 |
| 24727 MARBELLA AVE | Tetrachloroethene | 3.1E+00 | 2.1E+04 | 2.1E+02 | 2E-04 | 2E-08 |
| 24727 MARBELLA AVE | Toluene | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24728 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 7.0E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24728 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24728 NEPTUNE AVE | Carbon Disulfide | 3.9E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24728 NEPTUNE AVE | Ethanol | 1.2E+02 | 2.1E+06 | -- | 6E-05 | -- |
| 24728 NEPTUNE AVE | Heptane | 2.5E+00 | 3.7E+05 | -- | 7E-06 | -- |
| 24728 NEPTUNE AVE | Hexane | 4.5E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24728 NEPTUNE AVE | Isopropanol | 9.0E+01 | 3.7E+06 | -- | 3E-05 | -- |
| 24728 NEPTUNE AVE | Naphthalene | 3.4E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24728 NEPTUNE AVE | p/m-Xylene | 9.2E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24728 NEPTUNE AVE | Tetrachloroethene | 2.1E+02 | 2.1E+04 | 2.1E+02 | 1E-02 | 1E-06 |
| 24728 NEPTUNE AVE | Trichloroethene | 7.4E+00 | 1.0E+03 | 2.2E+02 | 7E-03 | 3E-08 |
| 24728 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.5E+01 | 3.7E+03 | -- | 4E-03 | -- |
| 24728 PANAMA AVE | 4-Ethyltoluene | 9.8E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24728 PANAMA AVE | Ethanol | 5.1E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24728 PANAMA AVE | Naphthalene | 3.4E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24728 PANAMA AVE | o-Xylene | 6.5E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24728 PANAMA AVE | p/m-Xylene | 1.6E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24729 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.0E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24729 NEPTUNE AVE | Benzene | 5.9E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 24729 NEPTUNE AVE | Bromodichloromethane | 3.1E+01 | 3.7E+04 | 3.3E+01 | 9E-04 | 9E-07 |
| 24729 NEPTUNE AVE | Carbon Disulfide | 3.8E+01 | 3.7E+05 | -- | 1E-04 | -- |
| 24729 NEPTUNE AVE | Chloroform | 7.2E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 3E-07 |
| 24729 NEPTUNE AVE | Ethanol | 2.2E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24729 NEPTUNE AVE | Naphthalene | 8.6E+00 | 1.6E+03 | 3.6E+01 | 6E-03 | 2E-07 |
| 24729 NEPTUNE AVE | Tetrahydrofuran | 3.4E+00 | 1.0E+06 | -- | 3E-06 | -- |
| 24729 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.8E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24729 PANAMA AVE | Carbon Disulfide | 9.8E+00 | 3.7E+05 | -- | 3E-05 | -- |
| 24729 PANAMA AVE | Naphthalene | 1.1E+00 | 1.6E+03 | 3.6E+01 | 7E-04 | 3E-08 |
| 24729 PANAMA AVE | Toluene | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24729 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.2E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24729 RAVENNA AVE | Benzene | 7.2E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 24729 RAVENNA AVE | Carbon Disulfide | 1.1E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24729 RAVENNA AVE | Chloroform | 7.4E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24729 RAVENNA AVE | Ethanol | 4.0E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24729 RAVENNA AVE | Isopropanol | 1.3E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24729 RAVENNA AVE | Naphthalene | 1.2E+00 | 1.6E+03 | 3.6E+01 | 8E-04 | 3E-08 |
| 24732 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.0E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24732 MARBELLA AVE | Chloroform | 1.1E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 5E-08 |
| 24732 MARBELLA AVE | Ethanol | 3.8E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24732 MARBELLA AVE | Hexane | 4.7E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24732 MARBELLA AVE | Naphthalene | 3.7E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24732 MARBELLA AVE | Toluene | 1.4E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24732 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24732 NEPTUNE AVE | Carbon Disulfide | 4.4E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24732 NEPTUNE AVE | Chloroform | 2.0E+01 | 5.1E+04 | 2.3E+02 | 4E-04 | 9E-08 |
| 24732 NEPTUNE AVE | Cyclohexane | 1.4E+01 | 3.1E+06 | -- | 5E-06 | -- |
| 24732 NEPTUNE AVE | Ethanol | 2.3E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24732 NEPTUNE AVE | Heptane | 4.8E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24732 NEPTUNE AVE | Hexane | 3.9E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24732 NEPTUNE AVE | Naphthalene | 3.4E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24732 NEPTUNE AVE | Toluene | 1.5E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24732 PANAMA AVE | 1,2,4-Trimethylbenzene | 2.9E+01 | 3.7E+03 | -- | 8E-03 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24732 PANAMA AVE | 1,3,5-Trimethylbenzene | 8.6E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24732 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.4E+01 | 2.6E+06 | -- | 9E-06 | -- |
| 24732 PANAMA AVE | 4-Ethyltoluene | 1.9E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24732 PANAMA AVE | Benzene | 1.4E+01 | 1.6E+04 | 4.2E+01 | 9E-04 | 3E-07 |
| 24732 PANAMA AVE | Carbon Disulfide | 4.1E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24732 PANAMA AVE | Ethanol | 2.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24732 PANAMA AVE | Methylene Chloride | 7.4E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 6E-09 |
| 24732 PANAMA AVE | Naphthalene | 1.7E+01 | 1.6E+03 | 3.6E+01 | 1E-02 | 5E-07 |
| 24732 PANAMA AVE | p/m-Xylene | 1.4E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 24732 PANAMA AVE | Toluene | 2.3E+01 | 2.6E+06 | -- | 9E-06 | -- |
| 24732 RAVENNA AVE | 1,2-Dichloropropane | 1.6E+01 | 2.1E+03 | 1.2E+02 | 8E-03 | 1E-07 |
| 24732 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.1E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24732 RAVENNA AVE | 2-Hexanone | 2.1E+00 | 1.6E+04 | -- | 1E-04 | -- |
| 24732 RAVENNA AVE | Bromomethane | 5.1E+00 | 2.6E+03 | -- | 2E-03 | -- |
| 24732 RAVENNA AVE | Chloroform | 1.8E+02 | 5.1E+04 | 2.3E+02 | 4E-03 | 8E-07 |
| 24732 RAVENNA AVE | Isopropanol | 1.3E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24732 RAVENNA AVE | Naphthalene | 1.2E+00 | 1.6E+03 | 3.6E+01 | 8E-04 | 3E-08 |
| 24732 RAVENNA AVE | Tetrahydrofuran | 3.6E+00 | 1.0E+06 | -- | 4E-06 | -- |
| 24732 RAVENNA AVE | Trichloroethene | 1.5E+01 | 1.0E+03 | 2.2E+02 | 1E-02 | 7E-08 |
| 24733 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24733 MARBELLA AVE | Benzene | 1.8E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 4E-07 |
| 24733 MARBELLA AVE | Bromomethane | 5.5E+00 | 2.6E+03 | -- | 2E-03 | -- |
| 24733 MARBELLA AVE | Carbon Disulfide | 2.0E+01 | 3.7E+05 | -- | 6E-05 | -- |
| 24733 MARBELLA AVE | Ethanol | 2.8E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24733 MARBELLA AVE | Naphthalene | 8.9E-01 | 1.6E+03 | 3.6E+01 | 6E-04 | 3E-08 |
| 24733 MARBELLA AVE | Tetrachloroethene | 3.8E+01 | 2.1E+04 | 2.1E+02 | 2E-03 | 2E-07 |
| 24733 MARBELLA AVE | Toluene | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24733 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.4E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24733 PANAMA AVE | Benzene | 1.8E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 4E-07 |
| 24733 PANAMA AVE | Bromodichloromethane | 1.1E+01 | 3.7E+04 | 3.3E+01 | 3E-04 | 3E-07 |
| 24733 PANAMA AVE | Chloroform | 3.0E+02 | 5.1E+04 | 2.3E+02 | 6E-03 | 1E-06 |
| 24733 PANAMA AVE | Naphthalene | 1.5E+01 | 1.6E+03 | 3.6E+01 | 1E-02 | 4E-07 |
| 24733 PANAMA AVE | Toluene | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24733 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.4E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24733 RAVENNA AVE | Chloroform | 2.5E+01 | 5.1E+04 | 2.3E+02 | 5E-04 | 1E-07 |
| 24733 RAVENNA AVE | Naphthalene | 1.0E+00 | 1.6E+03 | 3.6E+01 | 6E-04 | 3E-08 |
| 24733 RAVENNA AVE | Tetrachloroethene | 2.3E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 1E-07 |
| 24735 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24735 NEPTUNE AVE | Chloroform | 1.1E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 5E-08 |
| 24735 NEPTUNE AVE | Ethanol | 2.5E+02 | 2.1E+06 | -- | 1E-04 | -- |
| 24735 NEPTUNE AVE | Isopropanol | 1.6E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24735 NEPTUNE AVE | Naphthalene | 1.8E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 24736 RAVENNA AVE | 1,2,4-Trimethylbenzene | 1.7E+02 | 3.7E+03 | -- | 5E-02 | -- |
| 24736 RAVENNA AVE | 1,3,5-Trimethylbenzene | 3.6E+01 | 3.7E+03 | -- | 1E-02 | -- |
| 24736 RAVENNA AVE | 4-Ethyltoluene | 6.3E+01 | 5.2E+04 | -- | 1E-03 | -- |
| 24736 RAVENNA AVE | Benzene | 4.7E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24736 RAVENNA AVE | Carbon Disulfide | 2.6E+01 | 3.7E+05 | -- | 7E-05 | -- |
| 24736 RAVENNA AVE | Chloroform | 2.2E+02 | 5.1E+04 | 2.3E+02 | 4E-03 | 1E-06 |
| 24736 RAVENNA AVE | Ethanol | 2.6E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24736 RAVENNA AVE | Isopropanol | 5.3E+01 | 3.7E+06 | -- | 2E-05 | -- |
| 24736 RAVENNA AVE | Naphthalene | 4.0E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24736 RAVENNA AVE | Propylbenzene | 1.4E+01 | 5.2E+05 | -- | 3E-05 | -- |
| 24737 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24737 MARBELLA AVE | Benzene | 9.1E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 24737 MARBELLA AVE | Bromomethane | 9.0E+00 | 2.6E+03 | -- | 4E-03 | -- |
| 24737 MARBELLA AVE | Carbon Disulfide | 4.4E+00 | 3.7E+05 | -- | 1E-05 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24737 MARBELLA AVE | Ethanol | 3.8E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24737 MARBELLA AVE | Hexane | 4.1E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24737 MARBELLA AVE | Naphthalene | 2.9E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24737 MARBELLA AVE | p/m-Xylene | 1.2E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24737 MARBELLA AVE | Tetrachloroethene | 5.1E+01 | 2.1E+04 | 2.1E+02 | 2E-03 | 3E-07 |
| 24737 MARBELLA AVE | Toluene | 1.7E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24738 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.1E+01 | 3.7E+03 | -- | 3E-03 | -- |
| 24738 NEPTUNE AVE | 1,4-Dichlorobenzene | 1.1E+02 | 4.2E+05 | 1.1E+02 | 3E-04 | 1E-06 |
| 24738 NEPTUNE AVE | Benzene | 5.8E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 24738 NEPTUNE AVE | Chloroform | 3.4E+01 | 5.1E+04 | 2.3E+02 | 7E-04 | 2E-07 |
| 24738 NEPTUNE AVE | cis-1,2-Dichloroethene | 3.6E+01 | 3.7E+03 | -- | 1E-02 | -- |
| 24738 NEPTUNE AVE | Cumene (Isopropylbenzene) | 6.5E+00 | 2.1E+05 | -- | 3E-05 | -- |
| 24738 NEPTUNE AVE | Ethanol | 1.9E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24738 NEPTUNE AVE | Isopropanol | 7.7E+01 | 3.7E+06 | -- | 2E-05 | -- |
| 24738 NEPTUNE AVE | Naphthalene | 2.0E+01 | 1.6E+03 | 3.6E+01 | 1E-02 | 6E-07 |
| 24738 NEPTUNE AVE | p/m-Xylene | 6.1E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24738 NEPTUNE AVE | Tetrachloroethene | 7.5E+00 | 2.1E+04 | 2.1E+02 | 4E-04 | 4E-08 |
| 24738 NEPTUNE AVE | Toluene | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24738 NEPTUNE AVE | Trichloroethene | 2.4E+01 | 1.0E+03 | 2.2E+02 | 2E-02 | 1E-07 |
| 24738 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.7E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24738 PANAMA AVE | Benzene | 1.2E+01 | 1.6E+04 | 4.2E+01 | 8E-04 | 3E-07 |
| 24738 PANAMA AVE | Chloroform | 7.5E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 3E-08 |
| 24738 PANAMA AVE | Cumene (Isopropylbenzene) | 4.0E+01 | 2.1E+05 | -- | 2E-04 | -- |
| 24738 PANAMA AVE | Cyclohexane | 3.2E+01 | 3.1E+06 | -- | 1E-05 | -- |
| 24738 PANAMA AVE | Ethanol | 1.4E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24738 PANAMA AVE | Ethylbenzene | 1.7E+02 | 5.2E+05 | 4.9E+02 | 3E-04 | 4E-07 |
| 24738 PANAMA AVE | Hexane | 4.6E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24738 PANAMA AVE | Isopropanol | 1.7E+02 | 3.7E+06 | -- | 5E-05 | -- |
| 24738 PANAMA AVE | Naphthalene | 1.4E+01 | 1.6E+03 | 3.6E+01 | 9E-03 | 4E-07 |
| 24738 PANAMA AVE | Propylbenzene | 5.0E+01 | 5.2E+05 | -- | 1E-04 | -- |
| 24738 PANAMA AVE | Toluene | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24739 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.9E+01 | 3.7E+03 | -- | 5E-03 | -- |
| 24739 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 5.3E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24739 NEPTUNE AVE | 2,2,4-Trimethylpentane | 7.1E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24739 NEPTUNE AVE | 4-Ethyltoluene | 1.1E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24739 NEPTUNE AVE | Benzene | 3.9E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 9E-08 |
| 24739 NEPTUNE AVE | Chloroform | 9.6E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 24739 NEPTUNE AVE | Ethanol | 1.7E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24739 NEPTUNE AVE | Ethylbenzene | 4.6E+00 | 5.2E+05 | 4.9E+02 | 9E-06 | 1E-08 |
| 24739 NEPTUNE AVE | Heptane | 1.0E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24739 NEPTUNE AVE | Hexane | 1.2E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24739 NEPTUNE AVE | Methylene Chloride | 4.4E+00 | 3.1E+05 | 1.2E+03 | 1E-05 | 4E-09 |
| 24739 NEPTUNE AVE | Naphthalene | 4.7E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24739 NEPTUNE AVE | o-Xylene | 9.0E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 24739 NEPTUNE AVE | p/m-Xylene | 2.3E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24739 NEPTUNE AVE | Toluene | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24739 PANAMA AVE | 1,4-Dichlorobenzene | 2.0E+00 | 4.2E+05 | 1.1E+02 | 5E-06 | 2E-08 |
| 24739 PANAMA AVE | Carbon Disulfide | 7.0E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24739 PANAMA AVE | Heptane | 7.0E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24739 PANAMA AVE | Hexane | 7.6E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24739 PANAMA AVE | Naphthalene | 9.1E-01 | 1.6E+03 | 3.6E+01 | 6E-04 | 3E-08 |
| 24739 PANAMA AVE | Toluene | 2.6E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24739 PANAMA AVE | Trichloroethene | 2.4E+00 | 1.0E+03 | 2.2E+02 | 2E-03 | 1E-08 |
| 24739 RAVENNA AVE | 1,2,4-Trimethylbenzene | 4.0E+01 | 3.7E+03 | -- | 1E-02 | -- |
| 24739 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.0E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24739 RAVENNA AVE | Bromomethane | 4.7E+00 | 2.6E+03 | -- | 2E-03 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24739 RAVENNA AVE | Carbon Disulfide | 3.7E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24739 RAVENNA AVE | Chloroform | 6.5E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 24739 RAVENNA AVE | Naphthalene | 5.2E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 2E-07 |
| 24740 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.4E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24740 MARBELLA AVE | Benzene | 1.4E+01 | 1.6E+04 | 4.2E+01 | 9E-04 | 3E-07 |
| 24740 MARBELLA AVE | Cumene (Isopropylbenzene) | 7.4E+00 | 2.1E+05 | -- | 4E-05 | -- |
| 24740 MARBELLA AVE | Ethanol | 2.2E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24740 MARBELLA AVE | Isopropanol | 1.6E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24740 MARBELLA AVE | Naphthalene | 1.3E+00 | 1.6E+03 | 3.6E+01 | 8E-04 | 4E-08 |
| 24740 MARBELLA AVE | Tetrachloroethene | 2.9E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 1E-07 |
| 24741 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.7E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24741 MARBELLA AVE | Benzene | 6.9E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 2E-07 |
| 24741 MARBELLA AVE | Chloroform | 3.8E+01 | 5.1E+04 | 2.3E+02 | 7E-04 | 2E-07 |
| 24741 MARBELLA AVE | Ethanol | 2.4E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24741 MARBELLA AVE | Isopropanol | 2.0E+01 | 3.7E+06 | -- | 6E-06 | -- |
| 24741 MARBELLA AVE | Naphthalene | 3.6E-01 | 1.6E+03 | 3.6E+01 | 2E-04 | 1E-08 |
| 24741 MARBELLA AVE | Tetrachloroethene | 9.5E+02 | 2.1E+04 | 2.1E+02 | 5E-02 | **5E-06** |
| 24741 MARBELLA AVE | Trichloroethene | 1.6E+02 | 1.0E+03 | 2.2E+02 | 2E-01 | 7E-07 |
| 24743 RAVENNA AVE | Chloroform | 1.3E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 6E-08 |
| 24743 RAVENNA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24743 RAVENNA AVE | Hexane | 5.0E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24743 RAVENNA AVE | Naphthalene | 5.1E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24744 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.8E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24744 MARBELLA AVE | Benzene | 1.7E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 4E-07 |
| 24744 MARBELLA AVE | Bromomethane | 9.5E+01 | 2.6E+03 | -- | 4E-02 | -- |
| 24744 MARBELLA AVE | Carbon Disulfide | 4.5E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24744 MARBELLA AVE | Ethanol | 9.4E+01 | 2.1E+06 | -- | 5E-05 | -- |
| 24744 MARBELLA AVE | Hexane | 4.3E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24744 MARBELLA AVE | Isopropanol | 1.2E+01 | 3.7E+06 | -- | 3E-06 | -- |
| 24744 MARBELLA AVE | Naphthalene | 4.0E+01 | 1.6E+03 | 3.6E+01 | 3E-02 | 1E-06 |
| 24744 MARBELLA AVE | Tetrachloroethene | 9.1E+01 | 2.1E+04 | 2.1E+02 | 4E-03 | 4E-07 |
| 24744 MARBELLA AVE | Toluene | 5.3E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24744 MARBELLA AVE | Trichloroethene | 6.7E+00 | 1.0E+03 | 2.2E+02 | 6E-03 | 3E-08 |
| 24748 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.2E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24748 RAVENNA AVE | Benzene | 2.2E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 5E-07 |
| 24748 RAVENNA AVE | Bromodichloromethane | 2.2E+01 | 3.7E+04 | 3.3E+01 | 6E-04 | 7E-07 |
| 24748 RAVENNA AVE | Chloroform | 2.1E+02 | 5.1E+04 | 2.3E+02 | 4E-03 | 9E-07 |
| 24748 RAVENNA AVE | Cumene (Isopropylbenzene) | 6.6E+00 | 2.1E+05 | -- | 3E-05 | -- |
| 24748 RAVENNA AVE | Ethanol | 2.1E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24748 RAVENNA AVE | Naphthalene | 3.6E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24749 RAVENNA AVE | 1,2-Dichloroethane | 4.7E+01 | 3.7E+03 | 5.9E+01 | 1E-02 | 8E-07 |
| 24749 RAVENNA AVE | 2,2,4-Trimethylpentane | 3.7E+03 | 5.2E+05 | -- | 7E-03 | -- |
| 24749 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24749 RAVENNA AVE | Benzene | 1.0E+03 | 1.6E+04 | 4.2E+01 | 6E-02 | **2E-05** |
| 24749 RAVENNA AVE | Chloroform | 5.8E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 3E-07 |
| 24749 RAVENNA AVE | cis-1,2-Dichloroethene | 1.3E+02 | 3.7E+03 | -- | 4E-02 | -- |
| 24749 RAVENNA AVE | Cumene (Isopropylbenzene) | 1.3E+01 | 2.1E+05 | -- | 6E-05 | -- |
| 24749 RAVENNA AVE | Cyclohexane | 1.4E+04 | 3.1E+06 | -- | 5E-03 | -- |
| 24749 RAVENNA AVE | Ethanol | 2.3E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24749 RAVENNA AVE | Ethylbenzene | 2.0E+02 | 5.2E+05 | 4.9E+02 | 4E-04 | 4E-07 |
| 24749 RAVENNA AVE | Heptane | 2.7E+03 | 3.7E+05 | -- | 7E-03 | -- |
| 24749 RAVENNA AVE | Hexane | 4.1E+03 | 3.7E+05 | -- | 1E-02 | -- |
| 24749 RAVENNA AVE | Methyl-tert-Butyl Ether | 4.4E+02 | 1.6E+06 | 4.7E+03 | 3E-04 | 9E-08 |
| 24749 RAVENNA AVE | Naphthalene | 6.6E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24749 RAVENNA AVE | o-Xylene | 3.4E+01 | 5.2E+04 | -- | 7E-04 | -- |
| 24749 RAVENNA AVE | p/m-Xylene | 4.9E+01 | 5.2E+04 | -- | 9E-04 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24749 RAVENNA AVE | Toluene | 2.6E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24752 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.9E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24752 RAVENNA AVE | Chloroform | 7.7E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 3E-08 |
| 24752 RAVENNA AVE | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24802 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 24802 PANAMA AVE | Benzene | 1.8E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 4E-07 |
| 24802 PANAMA AVE | Ethanol | 7.0E+01 | 2.1E+06 | -- | 3E-05 | -- |
| 24802 PANAMA AVE | Naphthalene | 2.7E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24803 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.4E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24803 NEPTUNE AVE | Cyclohexane | 1.0E+01 | 3.1E+06 | -- | 3E-06 | -- |
| 24803 NEPTUNE AVE | Ethanol | 2.7E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24803 NEPTUNE AVE | Ethylbenzene | 1.2E+01 | 5.2E+05 | 4.9E+02 | 2E-05 | 3E-08 |
| 24803 NEPTUNE AVE | Isopropanol | 3.0E+01 | 3.7E+06 | -- | 8E-06 | -- |
| 24803 NEPTUNE AVE | Naphthalene | 3.5E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24803 NEPTUNE AVE | o-Xylene | 5.0E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24803 NEPTUNE AVE | p/m-Xylene | 1.8E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 24803 NEPTUNE AVE | Toluene | 6.8E+01 | 2.6E+06 | -- | 3E-05 | -- |
| 24803 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24803 PANAMA AVE | Benzene | 3.1E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 7E-07 |
| 24803 PANAMA AVE | Chloroform | 2.3E+01 | 5.1E+04 | 2.3E+02 | 5E-04 | 1E-07 |
| 24803 PANAMA AVE | Naphthalene | 3.0E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24808 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24808 PANAMA AVE | Chloroform | 1.1E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 5E-08 |
| 24808 PANAMA AVE | Naphthalene | 2.2E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 24809 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 24809 NEPTUNE AVE | Carbon Disulfide | 1.6E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24809 NEPTUNE AVE | Ethanol | 1.8E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24809 NEPTUNE AVE | Isopropanol | 5.5E+01 | 3.7E+06 | -- | 2E-05 | -- |
| 24809 NEPTUNE AVE | Tetrahydrofuran | 5.0E+00 | 1.0E+06 | -- | 5E-06 | -- |
| 24809 NEPTUNE AVE | Trichloroethene | 4.3E+01 | 1.0E+03 | 2.2E+02 | 4E-02 | 2E-07 |
| 24809 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.3E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24809 PANAMA AVE | 2-Hexanone | 8.1E-01 | 1.6E+04 | -- | 5E-05 | -- |
| 24809 PANAMA AVE | Benzene | 1.7E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 4E-07 |
| 24809 PANAMA AVE | Carbon Disulfide | 1.2E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 24809 PANAMA AVE | Chloroform | 1.2E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 5E-08 |
| 24809 PANAMA AVE | Cumene (Isopropylbenzene) | 1.0E+00 | 2.1E+05 | -- | 5E-06 | -- |
| 24809 PANAMA AVE | Ethanol | 1.4E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 24809 PANAMA AVE | Isopropanol | 3.6E+00 | 3.7E+06 | -- | 1E-06 | -- |
| 24809 PANAMA AVE | Naphthalene | 2.9E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24809 PANAMA AVE | Tetrachloroethene | 7.0E+00 | 2.1E+04 | 2.1E+02 | 3E-04 | 3E-08 |
| 24809 PANAMA AVE | Tetrahydrofuran | 3.7E+00 | 1.0E+06 | -- | 4E-06 | -- |
| 24812 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24812 PANAMA AVE | Chloroform | 8.3E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 24812 PANAMA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24812 PANAMA AVE | Hexane | 7.2E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24812 PANAMA AVE | Naphthalene | 1.9E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 24812 PANAMA AVE | Toluene | 3.0E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 24813 PANAMA AVE | 1,2,4-Trimethylbenzene | 2.7E+00 | 3.7E+03 | -- | 7E-04 | -- |
| 24813 PANAMA AVE | 1,4-Dioxane | 1.9E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 24813 PANAMA AVE | 2,2,4-Trimethylpentane | 2.8E+00 | 5.2E+05 | -- | 5E-06 | -- |
| 24813 PANAMA AVE | Bromodichloromethane | 6.5E+01 | 3.7E+04 | 3.3E+01 | 2E-03 | **2E-06** |
| 24813 PANAMA AVE | Carbon Disulfide | 4.0E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24813 PANAMA AVE | Carbon Tetrachloride | 2.2E+00 | 5.2E+04 | 2.9E+01 | 4E-05 | 8E-08 |
| 24813 PANAMA AVE | Chloroform | 1.0E+03 | 5.1E+04 | 2.3E+02 | 2E-02 | **4E-06** |
| 24813 PANAMA AVE | Cyclohexane | 5.3E+00 | 3.1E+06 | -- | 2E-06 | -- |
| 24813 PANAMA AVE | Dibromochloromethane | 1.2E+01 | 3.7E+04 | 4.5E+01 | 3E-04 | 3E-07 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24813 PANAMA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24813 PANAMA AVE | Ethylbenzene | 7.8E+00 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 24813 PANAMA AVE | Isopropanol | 1.4E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24813 PANAMA AVE | Methylene Chloride | 4.0E+00 | 3.1E+05 | 1.2E+03 | 1E-05 | 3E-09 |
| 24813 PANAMA AVE | Naphthalene | 4.6E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24813 PANAMA AVE | Tetrachloroethene | 3.3E+00 | 2.1E+04 | 2.1E+02 | 2E-04 | 2E-08 |
| 24815 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24815 NEPTUNE AVE | Benzene | 6.2E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 2E-07 |
| 24815 NEPTUNE AVE | Carbon Disulfide | 3.8E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24815 NEPTUNE AVE | Chloroform | 1.0E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 24815 NEPTUNE AVE | Naphthalene | 5.4E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 24815 NEPTUNE AVE | Tetrahydrofuran | 4.0E+00 | 1.0E+06 | -- | 4E-06 | -- |
| 24815 NEPTUNE AVE | Toluene | 1.6E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24818 PANAMA AVE | Chloroform | 3.0E+01 | 5.1E+04 | 2.3E+02 | 6E-04 | 1E-07 |
| 24818 PANAMA AVE | Cyclohexane | 4.5E+00 | 3.1E+06 | -- | 1E-06 | -- |
| 24818 PANAMA AVE | Naphthalene | 4.1E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24818 PANAMA AVE | Toluene | 7.3E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24819 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.5E+01 | 3.7E+03 | -- | 4E-03 | -- |
| 24819 PANAMA AVE | 1,3,5-Trimethylbenzene | 6.6E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 24819 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24819 PANAMA AVE | 4-Ethyltoluene | 1.0E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 24819 PANAMA AVE | Benzene | 4.9E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 24819 PANAMA AVE | Bromodichloromethane | 2.0E+00 | 3.7E+04 | 3.3E+01 | 6E-05 | 6E-08 |
| 24819 PANAMA AVE | Chloroform | 2.6E+00 | 5.1E+04 | 2.3E+02 | 5E-05 | 1E-08 |
| 24819 PANAMA AVE | Ethanol | 3.7E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24819 PANAMA AVE | Isopropanol | 1.3E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 24819 PANAMA AVE | Naphthalene | 1.2E+01 | 1.6E+03 | 3.6E+01 | 8E-03 | 3E-07 |
| 24819 PANAMA AVE | p/m-Xylene | 5.4E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24822 PANAMA AVE | 2,2,4-Trimethylpentane | 9.3E+00 | 5.2E+05 | -- | 2E-05 | -- |
| 24822 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.2E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24822 PANAMA AVE | Carbon Disulfide | 2.9E+01 | 3.7E+05 | -- | 8E-05 | -- |
| 24822 PANAMA AVE | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 24822 PANAMA AVE | Ethylbenzene | 1.8E+01 | 5.2E+05 | 4.9E+02 | 4E-05 | 4E-08 |
| 24822 PANAMA AVE | Heptane | 5.8E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24822 PANAMA AVE | Hexane | 6.3E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24822 PANAMA AVE | Naphthalene | 3.6E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 24822 PANAMA AVE | p/m-Xylene | 5.4E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24822 PANAMA AVE | Propylbenzene | 5.8E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 24823 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24823 PANAMA AVE | Benzene | 6.5E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 2E-07 |
| 24823 PANAMA AVE | Carbon Disulfide | 1.4E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24823 PANAMA AVE | Ethanol | 2.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24823 PANAMA AVE | Tetrahydrofuran | 3.9E+00 | 1.0E+06 | -- | 4E-06 | -- |
| 24823 PANAMA AVE | Toluene | 4.2E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24825 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.9E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24825 NEPTUNE AVE | Bromodichloromethane | 2.1E+01 | 3.7E+04 | 3.3E+01 | 6E-04 | 6E-07 |
| 24825 NEPTUNE AVE | Chloroform | 2.3E+02 | 5.1E+04 | 2.3E+02 | 5E-03 | 1E-06 |
| 24825 NEPTUNE AVE | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24825 NEPTUNE AVE | Heptane | 9.3E+00 | 3.7E+05 | -- | 3E-05 | -- |
| 24825 NEPTUNE AVE | Naphthalene | 1.9E+01 | 1.6E+03 | 3.6E+01 | 1E-02 | 5E-07 |
| 24825 NEPTUNE AVE | Toluene | 9.5E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 24828 PANAMA AVE | 2-Hexanone | 1.9E+00 | 1.6E+04 | -- | 1E-04 | -- |
| 24828 PANAMA AVE | Ethanol | 1.8E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 24828 PANAMA AVE | Heptane | 1.9E+01 | 3.7E+05 | -- | 5E-05 | -- |
| 24828 PANAMA AVE | Hexane | 8.7E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24828 PANAMA AVE | Naphthalene | 5.2E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 2E-07 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24828 PANAMA AVE | Tetrahydrofuran | 6.9E+00 | 1.0E+06 | -- | 7E-06 | -- |
| 24829 PANAMA AVE | 1,2-Dichloroethane | 5.6E+00 | 3.7E+03 | 5.9E+01 | 2E-03 | 1E-07 |
| 24829 PANAMA AVE | 2,2,4-Trimethylpentane | 1.4E+03 | 5.2E+05 | -- | 3E-03 | -- |
| 24829 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 24829 PANAMA AVE | 2-Hexanone | 1.9E+00 | 1.6E+04 | -- | 1E-04 | -- |
| 24829 PANAMA AVE | Benzene | 2.8E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 7E-07 |
| 24829 PANAMA AVE | Carbon Disulfide | 2.4E+01 | 3.7E+05 | -- | 7E-05 | -- |
| 24829 PANAMA AVE | Chloroform | 1.6E+02 | 5.1E+04 | 2.3E+02 | 3E-03 | 7E-07 |
| 24829 PANAMA AVE | Cumene (Isopropylbenzene) | 1.6E+01 | 2.1E+05 | -- | 8E-05 | -- |
| 24829 PANAMA AVE | Ethanol | 3.3E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 24829 PANAMA AVE | Ethylbenzene | 9.8E+00 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 24829 PANAMA AVE | Isopropanol | 5.0E+01 | 3.7E+06 | -- | 1E-05 | -- |
| 24829 PANAMA AVE | Methylene Chloride | 9.3E+00 | 3.1E+05 | 1.2E+03 | 3E-05 | 8E-09 |
| 24829 PANAMA AVE | Naphthalene | 1.0E+01 | 1.6E+03 | 3.6E+01 | 6E-03 | 3E-07 |
| 24829 PANAMA AVE | Propylbenzene | 3.2E+01 | 5.2E+05 | -- | 6E-05 | -- |
| 24829 PANAMA AVE | Tetrahydrofuran | 2.2E+00 | 1.0E+06 | -- | 2E-06 | -- |
| 24829 PANAMA AVE | Toluene | 1.8E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 24832 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.9E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 24832 PANAMA AVE | Carbon Disulfide | 2.6E+01 | 3.7E+05 | -- | 7E-05 | -- |
| 24832 PANAMA AVE | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 24832 PANAMA AVE | Hexane | 4.3E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24832 PANAMA AVE | Naphthalene | 2.8E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 24832 PANAMA AVE | Toluene | 1.3E+02 | 2.6E+06 | -- | 5E-05 | -- |
| 24833 PANAMA AVE | 1,4-Dioxane | 1.8E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 24833 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+01 | 2.6E+06 | -- | 3E-05 | -- |
| 24833 PANAMA AVE | 2-Hexanone | 3.6E+02 | 1.6E+04 | -- | 2E-02 | -- |
| 24833 PANAMA AVE | Carbon Disulfide | 8.0E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24833 PANAMA AVE | Chloroform | 1.6E+01 | 5.1E+04 | 2.3E+02 | 3E-04 | 7E-08 |
| 24833 PANAMA AVE | Ethanol | 1.0E+02 | 2.1E+06 | -- | 5E-05 | -- |
| 24833 PANAMA AVE | Heptane | 1.4E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24833 PANAMA AVE | Hexane | 1.4E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24833 PANAMA AVE | Isopropanol | 2.9E+01 | 3.7E+06 | -- | 8E-06 | -- |
| 24833 PANAMA AVE | Naphthalene | 2.6E+01 | 1.6E+03 | 3.6E+01 | 2E-02 | 7E-07 |
| 24833 PANAMA AVE | Toluene | 4.9E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 24833 PANAMA AVE | Trichloroethene | 2.3E+01 | 1.0E+03 | 2.2E+02 | 2E-02 | 1E-07 |
| 24838 PANAMA AVE | 1,2,4-Trimethylbenzene | 9.3E+00 | 3.7E+03 | -- | 3E-03 | -- |
| 24838 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.0E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24838 PANAMA AVE | 4-Ethyltoluene | 5.8E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24838 PANAMA AVE | Benzene | 7.9E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 24838 PANAMA AVE | Bromodichloromethane | 2.4E+01 | 3.7E+04 | 3.3E+01 | 7E-04 | 7E-07 |
| 24838 PANAMA AVE | Carbon Disulfide | 4.1E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 24838 PANAMA AVE | Chloroform | 2.4E+01 | 5.1E+04 | 2.3E+02 | 5E-04 | 1E-07 |
| 24838 PANAMA AVE | Cumene (Isopropylbenzene) | 8.0E+00 | 2.1E+05 | -- | 4E-05 | -- |
| 24838 PANAMA AVE | Isopropanol | 1.1E+02 | 3.7E+06 | -- | 3E-05 | -- |
| 24838 PANAMA AVE | Naphthalene | 1.1E+01 | 1.6E+03 | 3.6E+01 | 7E-03 | 3E-07 |
| 24838 PANAMA AVE | p/m-Xylene | 5.4E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 24838 PANAMA AVE | Tetrachloroethene | 7.4E+01 | 2.1E+04 | 2.1E+02 | 4E-03 | 4E-07 |
| 24904 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.2E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 24904 NEPTUNE AVE | 2-Hexanone | 2.5E+00 | 1.6E+04 | -- | 2E-04 | -- |
| 24904 NEPTUNE AVE | Benzene | 1.1E+01 | 1.6E+04 | 4.2E+01 | 7E-04 | 3E-07 |
| 24904 NEPTUNE AVE | Ethanol | 2.8E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 24904 NEPTUNE AVE | Heptane | 1.4E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 24904 NEPTUNE AVE | Hexane | 7.5E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 24904 NEPTUNE AVE | Isopropanol | 5.6E+01 | 3.7E+06 | -- | 2E-05 | -- |
| 24904 NEPTUNE AVE | Naphthalene | 4.3E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 24912 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.3E+02 | 3.7E+03 | -- | 4E-02 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24912 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 3.8E+01 | 3.7E+03 | -- | 1E-02 | -- |
| 24912 NEPTUNE AVE | 2,2,4-Trimethylpentane | 2.1E+02 | 5.2E+05 | -- | 4E-04 | -- |
| 24912 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.0E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 24912 NEPTUNE AVE | 4-Ethyltoluene | 3.7E+01 | 5.2E+04 | -- | 7E-04 | -- |
| 24912 NEPTUNE AVE | Benzene | 2.2E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 5E-07 |
| 24912 NEPTUNE AVE | Carbon Disulfide | 1.3E+02 | 3.7E+05 | -- | 4E-04 | -- |
| 24912 NEPTUNE AVE | Chloroform | 1.1E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 5E-08 |
| 24912 NEPTUNE AVE | Cumene (Isopropylbenzene) | 2.8E+01 | 2.1E+05 | -- | 1E-04 | -- |
| 24912 NEPTUNE AVE | Cyclohexane | 9.2E+00 | 3.1E+06 | -- | 3E-06 | -- |
| 24912 NEPTUNE AVE | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 24912 NEPTUNE AVE | Ethylbenzene | 1.1E+02 | 5.2E+05 | 4.9E+02 | 2E-04 | 2E-07 |
| 24912 NEPTUNE AVE | Heptane | 4.4E+01 | 3.7E+05 | -- | 1E-04 | -- |
| 24912 NEPTUNE AVE | Hexane | 9.0E+00 | 3.7E+05 | -- | 3E-05 | -- |
| 24912 NEPTUNE AVE | Isopropanol | 1.1E+01 | 3.7E+06 | -- | 3E-06 | -- |
| 24912 NEPTUNE AVE | Naphthalene | 9.4E+00 | 1.6E+03 | 3.6E+01 | 6E-03 | 3E-07 |
| 24912 NEPTUNE AVE | p/m-Xylene | 4.3E+01 | 5.2E+04 | -- | 8E-04 | -- |
| 24912 NEPTUNE AVE | Propylbenzene | 8.9E+01 | 5.2E+05 | -- | 2E-04 | -- |
| 24912 NEPTUNE AVE | Tetrachloroethene | 1.0E+01 | 2.1E+04 | 2.1E+02 | 5E-04 | 5E-08 |
| 24912 NEPTUNE AVE | Toluene | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 301 244TH ST | 1,4-Dioxane | 5.2E+01 | 1.6E+06 | 1.6E+02 | 3E-05 | 3E-07 |
| 301 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 3.4E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 301 244TH ST | Carbon Disulfide | 1.6E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 301 244TH ST | Ethanol | 1.9E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 301 244TH ST | Naphthalene | 2.3E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 6E-08 |
| 301 244TH ST | Tetrachloroethene | 1.5E+02 | 2.1E+04 | 2.1E+02 | 7E-03 | 7E-07 |
| 305 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 305 244TH ST | Benzene | 4.6E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 305 244TH ST | Carbon Disulfide | 4.4E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 305 244TH ST | Chloroform | 8.2E+00 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 305 244TH ST | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 305 244TH ST | Heptane | 4.9E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 305 244TH ST | Hexane | 7.8E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 305 244TH ST | Naphthalene | 5.5E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 311 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 8.8E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 311 244TH ST | Chloroform | 1.8E+01 | 5.1E+04 | 2.3E+02 | 4E-04 | 8E-08 |
| 311 244TH ST | Naphthalene | 3.1E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 9E-08 |
| 317 244TH ST | 1,4-Dioxane | 4.8E+01 | 1.6E+06 | 1.6E+02 | 3E-05 | 3E-07 |
| 317 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 317 244TH ST | Bromodichloromethane | 1.5E+02 | 3.7E+04 | 3.3E+01 | 4E-03 | **5E-06** |
| 317 244TH ST | Carbon Tetrachloride | 4.4E+02 | 5.2E+04 | 2.9E+01 | 8E-03 | **2E-05** |
| 317 244TH ST | Chloroform | 1.2E+04 | 5.1E+04 | 2.3E+02 | 2E-01 | **5E-05** |
| 317 244TH ST | Ethanol | 2.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 317 244TH ST | Hexane | 2.6E+00 | 3.7E+05 | -- | 7E-06 | -- |
| 317 244TH ST | Methylene Chloride | 2.3E+01 | 3.1E+05 | 1.2E+03 | 7E-05 | 2E-08 |
| 317 244TH ST | Naphthalene | 6.2E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 317 244TH ST | Tetrachloroethene | 1.6E+01 | 2.1E+04 | 2.1E+02 | 8E-04 | 8E-08 |
| 317 244TH ST | Toluene | 4.4E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 321 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 321 244TH ST | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 321 244TH ST | Naphthalene | 7.0E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 327 244TH ST | Chloroform | 2.6E+01 | 5.1E+04 | 2.3E+02 | 5E-04 | 1E-07 |
| 327 244TH ST | Ethanol | 1.4E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 327 244TH ST | Naphthalene | 1.1E+00 | 1.6E+03 | 3.6E+01 | 7E-04 | 3E-08 |
| 331 244TH ST | 1,4-Dioxane | 1.8E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 331 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 3.5E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 331 244TH ST | Benzene | 1.3E+01 | 1.6E+04 | 4.2E+01 | 8E-04 | 3E-07 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 331 244TH ST | Cumene (Isopropylbenzene) | 1.5E+01 | 2.1E+05 | -- | 7E-05 | -- |
| 331 244TH ST | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 331 244TH ST | Heptane | 8.6E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 331 244TH ST | Hexane | 1.3E+01 | 3.7E+05 | -- | 4E-05 | -- |
| 331 244TH ST | Isopropanol | 1.4E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 331 244TH ST | Naphthalene | 4.0E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 331 244TH ST | Tetrachloroethene | 1.8E+01 | 2.1E+04 | 2.1E+02 | 9E-04 | 9E-08 |
| 337 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 3.5E+00 | 2.6E+06 | -- | 1E-06 | -- |
| 337 244TH ST | Chloroform | 6.0E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 337 244TH ST | Ethanol | 2.1E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 337 244TH ST | Naphthalene | 2.1E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 337 244TH ST | Tetrahydrofuran | 1.1E+01 | 1.0E+06 | -- | 1E-05 | -- |
| 341 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 8.5E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 341 244TH ST | Benzene | 4.4E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 341 244TH ST | Carbon Disulfide | 4.0E+01 | 3.7E+05 | -- | 1E-04 | -- |
| 341 244TH ST | Ethanol | 1.6E+01 | 2.1E+06 | -- | 8E-06 | -- |
| 341 244TH ST | Isopropanol | 4.3E+01 | 3.7E+06 | -- | 1E-05 | -- |
| 341 244TH ST | Naphthalene | 4.8E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 344 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 2.6E+06 | -- | 4E-06 | -- |
| 344 249TH ST | Carbon Disulfide | 3.9E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 344 249TH ST | Chloroform | 3.1E+02 | 5.1E+04 | 2.3E+02 | 6E-03 | 1E-06 |
| 344 249TH ST | Methylene Chloride | 9.7E+00 | 3.1E+05 | 1.2E+03 | 3E-05 | 8E-09 |
| 344 249TH ST | Naphthalene | 2.1E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 344 249TH ST | p/m-Xylene | 7.1E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 345 249TH ST | 1,2,4-Trimethylbenzene | 9.3E+00 | 3.7E+03 | -- | 3E-03 | -- |
| 345 249TH ST | 2,2,4-Trimethylpentane | 1.6E+01 | 5.2E+05 | -- | 3E-05 | -- |
| 345 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 345 249TH ST | Carbon Disulfide | 1.0E+02 | 3.7E+05 | -- | 3E-04 | -- |
| 345 249TH ST | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 345 249TH ST | Naphthalene | 1.4E+01 | 1.6E+03 | 3.6E+01 | 9E-03 | 4E-07 |
| 345 249TH ST | p/m-Xylene | 7.8E+00 | 5.2E+04 | -- | 2E-04 | -- |
| 347 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 9.1E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 347 244TH ST | Carbon Disulfide | 5.7E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 347 244TH ST | Chloroform | 1.1E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 5E-08 |
| 347 244TH ST | Ethanol | 1.0E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 347 244TH ST | Hexane | 4.8E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 347 244TH ST | Naphthalene | 2.1E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 347 244TH ST | Tetrahydrofuran | 4.9E+00 | 1.0E+06 | -- | 5E-06 | -- |
| 348 248TH ST | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 2.6E+06 | -- | 8E-06 | -- |
| 348 248TH ST | Benzene | 2.4E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 6E-07 |
| 348 248TH ST | Bromomethane | 5.7E+00 | 2.6E+03 | -- | 2E-03 | -- |
| 348 248TH ST | Carbon Disulfide | 6.9E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 348 248TH ST | Carbon Tetrachloride | 7.1E+01 | 5.2E+04 | 2.9E+01 | 1E-03 | **3E-06** |
| 348 248TH ST | Chloroform | 2.2E+01 | 5.1E+04 | 2.3E+02 | 4E-04 | 1E-07 |
| 348 248TH ST | Ethanol | 7.0E+01 | 2.1E+06 | -- | 3E-05 | -- |
| 348 248TH ST | Methylene Chloride | 6.1E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 5E-09 |
| 348 248TH ST | Naphthalene | 2.1E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 348 248TH ST | Toluene | 1.2E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 348 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.2E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 348 249TH ST | Benzene | 7.1E+00 | 1.6E+04 | 4.2E+01 | 5E-04 | 2E-07 |
| 348 249TH ST | Chloroform | 4.1E+01 | 5.1E+04 | 2.3E+02 | 8E-04 | 2E-07 |
| 348 249TH ST | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 348 249TH ST | Naphthalene | 4.9E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 348 249TH ST | Toluene | 3.7E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 351 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 6.7E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 351 244TH ST | Benzene | 3.0E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 7E-07 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 351 244TH ST | Carbon Disulfide | 8.3E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 351 244TH ST | Carbon Tetrachloride | 1.0E+01 | 5.2E+04 | 2.9E+01 | 2E-04 | 4E-07 |
| 351 244TH ST | Cumene (Isopropylbenzene) | 7.8E+01 | 2.1E+05 | -- | 4E-04 | -- |
| 351 244TH ST | Ethanol | 1.3E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 351 244TH ST | Naphthalene | 7.8E+00 | 1.6E+03 | 3.6E+01 | 5E-03 | 2E-07 |
| 351 244TH ST | Toluene | 2.8E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 352 249TH ST | 1,2,4-Trimethylbenzene | 1.3E+01 | 3.7E+03 | -- | 4E-03 | -- |
| 352 249TH ST | 1,4-Dioxane | 7.4E+01 | 1.6E+06 | 1.6E+02 | 5E-05 | 5E-07 |
| 352 249TH ST | 2,2,4-Trimethylpentane | 3.9E+01 | 5.2E+05 | -- | 8E-05 | -- |
| 352 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.2E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 352 249TH ST | 2-Hexanone | 3.4E+00 | 1.6E+04 | -- | 2E-04 | -- |
| 352 249TH ST | 4-Ethyltoluene | 1.6E+01 | 5.2E+04 | -- | 3E-04 | -- |
| 352 249TH ST | Benzene | 2.0E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 5E-07 |
| 352 249TH ST | Bromomethane | 6.6E+00 | 2.6E+03 | -- | 3E-03 | -- |
| 352 249TH ST | Carbon Disulfide | 1.8E+01 | 3.7E+05 | -- | 5E-05 | -- |
| 352 249TH ST | Chloroform | 5.9E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 3E-07 |
| 352 249TH ST | Cyclohexane | 1.3E+01 | 3.1E+06 | -- | 4E-06 | -- |
| 352 249TH ST | Ethanol | 7.5E+01 | 2.1E+06 | -- | 4E-05 | -- |
| 352 249TH ST | Ethylbenzene | 2.4E+01 | 5.2E+05 | 4.9E+02 | 5E-05 | 5E-08 |
| 352 249TH ST | Heptane | 2.7E+01 | 3.7E+05 | -- | 7E-05 | -- |
| 352 249TH ST | Hexane | 3.1E+01 | 3.7E+05 | -- | 9E-05 | -- |
| 352 249TH ST | Isopropanol | 4.0E+00 | 3.7E+06 | -- | 1E-06 | -- |
| 352 249TH ST | Methyl-tert-Butyl Ether | 1.4E+01 | 1.6E+06 | 4.7E+03 | 9E-06 | 3E-09 |
| 352 249TH ST | Naphthalene | 3.0E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 8E-08 |
| 352 249TH ST | o-Xylene | 2.8E+01 | 5.2E+04 | -- | 5E-04 | -- |
| 352 249TH ST | p/m-Xylene | 9.3E+01 | 5.2E+04 | -- | 2E-03 | -- |
| 352 249TH ST | Tetrachloroethene | 7.9E+02 | 2.1E+04 | 2.1E+02 | 4E-02 | **4E-06** |
| 352 249TH ST | Toluene | 1.9E+02 | 2.6E+06 | -- | 7E-05 | -- |
| 353 249TH ST | 2,2,4-Trimethylpentane | 1.9E+01 | 5.2E+05 | -- | 4E-05 | -- |
| 353 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 4.4E+01 | 2.6E+06 | -- | 2E-05 | -- |
| 353 249TH ST | Benzene | 4.0E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 353 249TH ST | Carbon Disulfide | 6.2E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 353 249TH ST | Heptane | 6.5E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 353 249TH ST | Hexane | 6.2E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 353 249TH ST | Naphthalene | 1.3E+00 | 1.6E+03 | 3.6E+01 | 8E-04 | 4E-08 |
| 353 249TH ST | Toluene | 3.2E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 354 248TH ST | 2,2,4-Trimethylpentane | 6.3E+01 | 5.2E+05 | -- | 1E-04 | -- |
| 354 248TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.7E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 354 248TH ST | Benzene | 6.4E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 2E-07 |
| 354 248TH ST | Chloroform | 1.0E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 354 248TH ST | Cyclohexane | 2.2E+01 | 3.1E+06 | -- | 7E-06 | -- |
| 354 248TH ST | Ethanol | 2.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 354 248TH ST | Ethylbenzene | 6.9E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 1E-08 |
| 354 248TH ST | Heptane | 7.4E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 354 248TH ST | Hexane | 1.8E+01 | 3.7E+05 | -- | 5E-05 | -- |
| 354 248TH ST | Isopropanol | 7.8E+00 | 3.7E+06 | -- | 2E-06 | -- |
| 354 248TH ST | Naphthalene | 4.3E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 354 248TH ST | p/m-Xylene | 6.6E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 354 248TH ST | Toluene | 1.8E+01 | 2.6E+06 | -- | 7E-06 | -- |
| 357 244TH ST | 2,2,4-Trimethylpentane | 1.0E+01 | 5.2E+05 | -- | 2E-05 | -- |
| 357 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 357 244TH ST | Benzene | 5.2E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 357 244TH ST | Carbon Disulfide | 8.4E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 357 244TH ST | Cyclohexane | 5.6E+00 | 3.1E+06 | -- | 2E-06 | -- |
| 357 244TH ST | Ethanol | 3.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 357 244TH ST | Ethylbenzene | 5.4E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 1E-08 |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 357 244TH ST | Heptane | 1.0E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 357 244TH ST | Hexane | 6.7E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 357 244TH ST | Methylene Chloride | 4.4E+00 | 3.1E+05 | 1.2E+03 | 1E-05 | 4E-09 |
| 357 244TH ST | Naphthalene | 5.6E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 357 244TH ST | Propylbenzene | 9.4E+00 | 5.2E+05 | -- | 2E-05 | -- |
| 357 244TH ST | Toluene | 7.6E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 357 249TH ST | 1,4-Dioxane | 1.9E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 357 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 4.5E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 357 249TH ST | Benzene | 3.7E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 9E-07 |
| 357 249TH ST | Carbon Disulfide | 2.5E+01 | 3.7E+05 | -- | 7E-05 | -- |
| 357 249TH ST | Chloroform | 4.7E+01 | 5.1E+04 | 2.3E+02 | 9E-04 | 2E-07 |
| 357 249TH ST | Cumene (Isopropylbenzene) | 6.8E+00 | 2.1E+05 | -- | 3E-05 | -- |
| 357 249TH ST | Ethanol | 2.0E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 357 249TH ST | Isopropanol | 2.5E+01 | 3.7E+06 | -- | 7E-06 | -- |
| 357 249TH ST | Toluene | 9.2E+00 | 2.6E+06 | -- | 4E-06 | -- |
| 358 249TH ST | Isopropanol | 1.3E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 358 249TH ST | Naphthalene | 4.4E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 358 249TH ST | p/m-Xylene | 5.8E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 358 249TH ST | Tetrahydrofuran | 4.1E+01 | 1.0E+06 | -- | 4E-05 | -- |
| 358 249TH ST | Toluene | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 358 249TH ST | trans-1,2-Dichloroethene | 1.2E+01 | 3.1E+04 | -- | 4E-04 | -- |
| 360 248TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 360 248TH ST | Benzene | 3.7E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 9E-07 |
| 360 248TH ST | Chloroform | 3.0E+00 | 5.1E+04 | 2.3E+02 | 6E-05 | 1E-08 |
| 360 248TH ST | Cyclohexane | 9.6E+02 | 3.1E+06 | -- | 3E-04 | -- |
| 360 248TH ST | Ethanol | 1.1E+03 | 2.1E+06 | -- | 5E-04 | -- |
| 360 248TH ST | Ethylbenzene | 9.6E+00 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 360 248TH ST | Heptane | 3.1E+01 | 3.7E+05 | -- | 9E-05 | -- |
| 360 248TH ST | Hexane | 1.2E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 360 248TH ST | Naphthalene | 1.1E+00 | 1.6E+03 | 3.6E+01 | 7E-04 | 3E-08 |
| 361 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 6.1E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 361 244TH ST | Carbon Disulfide | 8.0E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 361 244TH ST | Cyclohexane | 6.8E+03 | 3.1E+06 | -- | 2E-03 | -- |
| 361 244TH ST | Heptane | 6.8E+01 | 3.7E+05 | -- | 2E-04 | -- |
| 361 244TH ST | Hexane | 7.5E+03 | 3.7E+05 | -- | 2E-02 | -- |
| 361 244TH ST | Naphthalene | 2.0E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 6E-08 |
| 362 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 6.5E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 362 249TH ST | Benzene | 6.6E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 2E-07 |
| 362 249TH ST | Ethanol | 9.4E+00 | 2.1E+06 | -- | 5E-06 | -- |
| 362 249TH ST | Naphthalene | 1.9E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 362 249TH ST | Tetrachloroethene | 1.3E+02 | 2.1E+04 | 2.1E+02 | 6E-03 | 6E-07 |
| 362 249TH ST | Toluene | 5.3E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 362 249TH ST | Trichloroethene | 1.1E+01 | 1.0E+03 | 2.2E+02 | 1E-02 | 5E-08 |
| 363 249TH ST | Chloroform | 6.6E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 3E-07 |
| 363 249TH ST | Ethanol | 3.8E+02 | 2.1E+06 | -- | 2E-04 | -- |
| 363 249TH ST | Naphthalene | 3.8E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 363 249TH ST | Toluene | 2.3E+01 | 2.6E+06 | -- | 9E-06 | -- |
| 364 248TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.4E+01 | 2.6E+06 | -- | 5E-06 | -- |
| 364 248TH ST | Benzene | 3.2E+01 | 1.6E+04 | 4.2E+01 | 2E-03 | 8E-07 |
| 364 248TH ST | Cyclohexane | 3.3E+01 | 3.1E+06 | -- | 1E-05 | -- |
| 364 248TH ST | Ethanol | 1.5E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 364 248TH ST | Ethylbenzene | 7.4E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 2E-08 |
| 364 248TH ST | Isopropanol | 4.1E+00 | 3.7E+06 | -- | 1E-06 | -- |
| 364 248TH ST | Naphthalene | 3.5E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 1E-07 |
| 364 248TH ST | p/m-Xylene | 5.4E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 364 248TH ST | Toluene | 4.3E+00 | 2.6E+06 | -- | 2E-06 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Onsite Resident (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 367 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 6.4E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 367 244TH ST | Benzene | 2.2E+01 | 1.6E+04 | 4.2E+01 | 1E-03 | 5E-07 |
| 367 244TH ST | Carbon Disulfide | 4.8E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 367 244TH ST | Ethanol | 1.8E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 367 249TH ST | 1,2,4-Trimethylbenzene | 6.5E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 367 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 2.5E+01 | 2.6E+06 | -- | 1E-05 | -- |
| 367 249TH ST | Benzene | 4.6E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 367 249TH ST | Bromomethane | 9.3E+00 | 2.6E+03 | -- | 4E-03 | -- |
| 367 249TH ST | Chloroform | 3.7E+01 | 5.1E+04 | 2.3E+02 | 7E-04 | 2E-07 |
| 367 249TH ST | Ethanol | 1.9E+01 | 2.1E+06 | -- | 9E-06 | -- |
| 367 249TH ST | Ethylbenzene | 8.9E+00 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 367 249TH ST | Hexane | 5.1E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 367 249TH ST | Isopropanol | 2.6E+01 | 3.7E+06 | -- | 7E-06 | -- |
| 367 249TH ST | Methylene Chloride | 6.0E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 5E-09 |
| 367 249TH ST | Naphthalene | 6.9E+00 | 1.6E+03 | 3.6E+01 | 4E-03 | 2E-07 |
| 367 249TH ST | Toluene | 6.2E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 368 249TH ST | Chloroform | 1.0E+01 | 5.1E+04 | 2.3E+02 | 2E-04 | 4E-08 |
| 368 249TH ST | Ethanol | 2.7E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 368 249TH ST | Heptane | 5.6E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 368 249TH ST | Hexane | 7.3E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 368 249TH ST | Isopropanol | 3.5E+01 | 3.7E+06 | -- | 1E-05 | -- |
| 368 249TH ST | Naphthalene | 4.2E+00 | 1.6E+03 | 3.6E+01 | 3E-03 | 1E-07 |
| 368 249TH ST | Tetrachloroethene | 4.5E+01 | 2.1E+04 | 2.1E+02 | 2E-03 | 2E-07 |
| 368 249TH ST | Toluene | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 373 249TH ST | 2,2,4-Trimethylpentane | 9.5E+00 | 5.2E+05 | -- | 2E-05 | -- |
| 373 249TH ST | Ethanol | 1.5E+01 | 2.1E+06 | -- | 7E-06 | -- |
| 373 249TH ST | Naphthalene | 1.6E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 373 249TH ST | Toluene | 7.2E+01 | 2.6E+06 | -- | 3E-05 | -- |
| 374 248TH ST | 1,2,4-Trimethylbenzene | 2.5E+01 | 3.7E+03 | -- | 7E-03 | -- |
| 374 248TH ST | 1,3,5-Trimethylbenzene | 6.9E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 374 248TH ST | 2,2,4-Trimethylpentane | 6.4E+00 | 5.2E+05 | -- | 1E-05 | -- |
| 374 248TH ST | 2-Butanone (Methyl Ethyl Ketone) | 4.1E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 374 248TH ST | Benzene | 4.7E+00 | 1.6E+04 | 4.2E+01 | 3E-04 | 1E-07 |
| 374 248TH ST | Chloroform | 5.5E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 2E-07 |
| 374 248TH ST | Ethanol | 1.0E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 374 248TH ST | Ethylbenzene | 9.4E+00 | 5.2E+05 | 4.9E+02 | 2E-05 | 2E-08 |
| 374 248TH ST | Heptane | 5.9E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 374 248TH ST | Hexane | 5.6E+00 | 3.7E+05 | -- | 2E-05 | -- |
| 374 248TH ST | Isopropanol | 1.6E+01 | 3.7E+06 | -- | 4E-06 | -- |
| 374 248TH ST | Naphthalene | 1.3E+01 | 1.6E+03 | 3.6E+01 | 8E-03 | 4E-07 |
| 374 248TH ST | o-Xylene | 7.1E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 374 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 5.0E+00 | 2.6E+06 | -- | 2E-06 | -- |
| 374 249TH ST | Bromodichloromethane | 1.2E+01 | 3.7E+04 | 3.3E+01 | 3E-04 | 4E-07 |
| 374 249TH ST | Chloroform | 2.1E+02 | 5.1E+04 | 2.3E+02 | 4E-03 | 9E-07 |
| 374 249TH ST | Ethanol | 5.0E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 374 249TH ST | Naphthalene | 1.7E+00 | 1.6E+03 | 3.6E+01 | 1E-03 | 5E-08 |
| 377 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 7.4E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 377 244TH ST | Benzene | 9.9E+00 | 1.6E+04 | 4.2E+01 | 6E-04 | 2E-07 |
| 377 244TH ST | Carbon Disulfide | 4.9E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 377 244TH ST | Ethanol | 2.1E+01 | 2.1E+06 | -- | 1E-05 | -- |
| 377 249TH ST | 1,2,4-Trimethylbenzene | 6.9E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 377 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 377 249TH ST | Chloroform | 1.5E+02 | 5.1E+04 | 2.3E+02 | 3E-03 | 7E-07 |
| 377 249TH ST | Ethanol | 1.1E+01 | 2.1E+06 | -- | 5E-06 | -- |
| 377 249TH ST | Heptane | 1.0E+01 | 3.7E+05 | -- | 3E-05 | -- |
| 377 249TH ST | Hexane | 4.6E+00 | 3.7E+05 | -- | 1E-05 | -- |

**Table E-6**
**COC-Specific Risk and Hazard Results, Residential Properties**
**Onsite Resident**
**Sub-Slab Soil Vapor to Indoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | **Onsite Resident** (EF350) | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 377 249TH ST | Naphthalene | 1.2E+01 | 1.6E+03 | 3.6E+01 | 8E-03 | 3E-07 |
| 377 249TH ST | p/m-Xylene | 1.2E+01 | 5.2E+04 | -- | 2E-04 | -- |
| 378 249TH ST | 1,2,4-Trimethylbenzene | 2.4E+01 | 3.7E+03 | -- | 7E-03 | -- |
| 378 249TH ST | 1,3,5-Trimethylbenzene | 7.6E+00 | 3.7E+03 | -- | 2E-03 | -- |
| 378 249TH ST | 1,4-Dioxane | 2.2E+01 | 1.6E+06 | 1.6E+02 | 1E-05 | 1E-07 |
| 378 249TH ST | 2,2,4-Trimethylpentane | 1.4E+05 | 5.2E+05 | -- | 3E-01 | -- |
| 378 249TH ST | 4-Ethyltoluene | 2.3E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 378 249TH ST | Benzene | 6.2E+04 | 1.6E+04 | 4.2E+01 | **4E+00** | **2E-03** |
| 378 249TH ST | Chloroform | 6.1E+00 | 5.1E+04 | 2.3E+02 | 1E-04 | 3E-08 |
| 378 249TH ST | Cyclohexane | 1.2E+04 | 3.1E+06 | -- | 4E-03 | -- |
| 378 249TH ST | Ethylbenzene | 5.3E+03 | 5.2E+05 | 4.9E+02 | 1E-02 | **1E-05** |
| 378 249TH ST | Heptane | 3.5E+03 | 3.7E+05 | -- | 1E-02 | -- |
| 378 249TH ST | Hexane | 4.1E+03 | 3.7E+05 | -- | 1E-02 | -- |
| 378 249TH ST | Isopropanol | 2.8E+03 | 3.7E+06 | -- | 8E-04 | -- |
| 378 249TH ST | Methylene Chloride | 2.8E+04 | 3.1E+05 | 1.2E+03 | 9E-02 | **2E-05** |
| 378 249TH ST | Naphthalene | 2.6E+02 | 1.6E+03 | 3.6E+01 | 2E-01 | **7E-06** |
| 378 249TH ST | o-Xylene | 1.8E+01 | 5.2E+04 | -- | 4E-04 | -- |
| 378 249TH ST | p/m-Xylene | 3.4E+03 | 5.2E+04 | -- | 7E-02 | -- |
| 378 249TH ST | Toluene | 1.8E+03 | 2.6E+06 | -- | 7E-04 | -- |
| 383 249TH ST | 1,2,4-Trimethylbenzene | 5.5E+02 | 3.7E+03 | -- | 2E-01 | -- |
| 383 249TH ST | 1,3,5-Trimethylbenzene | 1.5E+02 | 3.7E+03 | -- | 4E-02 | -- |
| 383 249TH ST | 2,2,4-Trimethylpentane | 8.5E+00 | 5.2E+05 | -- | 2E-05 | -- |
| 383 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 7.5E+00 | 2.6E+06 | -- | 3E-06 | -- |
| 383 249TH ST | 4-Ethyltoluene | 3.3E+02 | 5.2E+04 | -- | 6E-03 | -- |
| 383 249TH ST | Benzene | 5.4E+00 | 1.6E+04 | 4.2E+01 | 4E-04 | 1E-07 |
| 383 249TH ST | Chloroform | 2.5E+01 | 5.1E+04 | 2.3E+02 | 5E-04 | 1E-07 |
| 383 249TH ST | Cumene (Isopropylbenzene) | 3.2E+01 | 2.1E+05 | -- | 2E-04 | -- |
| 383 249TH ST | Ethanol | 1.2E+01 | 2.1E+06 | -- | 6E-06 | -- |
| 383 249TH ST | Ethylbenzene | 6.9E+01 | 5.2E+05 | 4.9E+02 | 1E-04 | 1E-07 |
| 383 249TH ST | Methylene Chloride | 5.8E+00 | 3.1E+05 | 1.2E+03 | 2E-05 | 5E-09 |
| 383 249TH ST | Naphthalene | 8.1E+01 | 1.6E+03 | 3.6E+01 | 5E-02 | **2E-06** |
| 383 249TH ST | o-Xylene | 7.3E+01 | 5.2E+04 | -- | 1E-03 | -- |
| 383 249TH ST | p/m-Xylene | 2.3E+02 | 5.2E+04 | -- | 4E-03 | -- |
| 383 249TH ST | Propylbenzene | 8.1E+01 | 5.2E+05 | -- | 2E-04 | -- |
| 383 249TH ST | Tetrachloroethene | 5.7E+01 | 2.1E+04 | 2.1E+02 | 3E-03 | 3E-07 |
| 383 249TH ST | Toluene | 1.5E+01 | 2.6E+06 | -- | 6E-06 | -- |
| 402 249TH ST | Chloroform | 6.2E+01 | 5.1E+04 | 2.3E+02 | 1E-03 | 3E-07 |
| 402 249TH ST | Ethanol | 4.6E+01 | 2.1E+06 | -- | 2E-05 | -- |
| 402 249TH ST | Isopropanol | 1.0E+01 | 3.7E+06 | -- | 3E-06 | -- |
| 402 249TH ST | Naphthalene | 3.3E+00 | 1.6E+03 | 3.6E+01 | 2E-03 | 9E-08 |
| 402 249TH ST | trans-1,2-Dichloroethene | 6.2E+00 | 3.1E+04 | -- | 2E-04 | -- |
| 408 249TH ST | 1,4-Dioxane | 2.7E+01 | 1.6E+06 | 1.6E+02 | 2E-05 | 2E-07 |
| 408 249TH ST | Carbon Disulfide | 3.9E+00 | 3.7E+05 | -- | 1E-05 | -- |
| 408 249TH ST | Ethanol | 8.9E+00 | 2.1E+06 | -- | 4E-06 | -- |
| 412 249TH ST | Ethanol | 9.5E+00 | 2.1E+06 | -- | 5E-06 | -- |
| 412 249TH ST | Ethylbenzene | 6.5E+00 | 5.2E+05 | 4.9E+02 | 1E-05 | 1E-08 |
| 412 249TH ST | Naphthalene | 9.1E+00 | 1.6E+03 | 3.6E+01 | 6E-03 | 3E-07 |
| 412 249TH ST | p/m-Xylene | 5.2E+00 | 5.2E+04 | -- | 1E-04 | -- |
| 412 249TH ST | Tetrachloroethene | 3.0E+01 | 2.1E+04 | 2.1E+02 | 1E-03 | 2E-07 |
| 412 249TH ST | Toluene | 1.2E+01 | 2.6E+06 | -- | 5E-06 | -- |

Notes:

" -- " not applicable; COC = Constituent of Concern

EPC = exposure point concentration; EF350 = exposure frequency of 350 days per year

SSCG = Site-specific cleanup goals; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects

**Bold** + Shaded if COC-specific noncancer hazard >1 or COC-specific cancer risk >1E-06

**Appendix E**
**Detailed Risk Calculations**

**Table E-7**
**COC-Specific Risk and Hazard Results, Streets**
**Onsite Resident**
**Soil Vapor to Indoor Air**

| Constituent of Concern | SSCGnc | SSCGc | Onsite Resident | | | |
|---|---|---|---|---|---|---|
| | | | EPC Based on 95UCL[1] | | | |
| | | | EPC ($\mu g/m^3$) | EPC Basis | Noncancer Hazard | Cancer Risk |
| 1,1,2,2-Tetrachloroethane | 3.7E+04 | 2.1E+01 | 9.0E+03 | Max | 3E-01 | **4E-04** |
| 1,1,2-Trichloroethane | 1.0E+02 | 7.5E+01 | 7.1E+00 | Max | 7E-02 | 1E-07 |
| 1,1-Dichloroethane | 3.7E+05 | 7.6E+02 | 2.0E+02 | Max | 6E-04 | 3E-07 |
| 1,2,4-Trimethylbenzene | 3.7E+03 | -- | 3.0E+04 | 95UCL | **8E+00** | -- |
| 1,2-Dichloroethane | 3.7E+03 | 5.9E+01 | 3.6E+01 | 95UCL | 1E-02 | 6E-07 |
| 1,3,5-Trimethylbenzene | 3.7E+03 | -- | 1.3E+04 | 95UCL | **4E+00** | -- |
| 1,4-Dichlorobenzene | 4.2E+05 | 1.1E+02 | 1.7E+02 | Max | 4E-04 | **2E-06** |
| 2,2,4-Trimethylpentane | 5.2E+05 | -- | 1.4E+01 | Max | 3E-05 | -- |
| 2-Butanone (Methyl Ethyl Ketone) | 2.6E+06 | -- | 7.4E+03 | 95UCL | 3E-03 | -- |
| 2-Hexanone | 1.6E+04 | -- | 4.7E+02 | 95UCL | 3E-02 | -- |
| 4-Ethyltoluene | 5.2E+04 | -- | 1.4E+04 | 95UCL | 3E-01 | -- |
| Benzene | 1.6E+04 | 4.2E+01 | 1.4E+05 | 95UCL | **9E+00** | **3E-03** |
| Bromodichloromethane | 3.7E+04 | 3.3E+01 | 1.2E+04 | Max | 3E-01 | **4E-04** |
| Bromomethane | 2.6E+03 | -- | 1.4E+00 | Max | 5E-04 | -- |
| Carbon Disulfide | 3.7E+05 | -- | 7.3E+03 | 95UCL | 2E-02 | -- |
| Chloroform | 5.1E+04 | 2.3E+02 | 1.3E+01 | 95UCL | 3E-04 | 6E-08 |
| cis-1,2-Dichloroethene | 3.7E+03 | -- | 1.4E+01 | 95UCL | 4E-03 | -- |
| Cumene (Isopropylbenzene) | 2.1E+05 | -- | 6.3E+03 | 95UCL | 3E-02 | -- |
| Cyclohexane | 3.1E+06 | -- | 2.5E+05 | 95UCL | 8E-02 | -- |
| Ethanol | 2.1E+06 | -- | 2.1E+03 | 95UCL | 1E-03 | -- |
| Ethylbenzene | 5.2E+05 | 4.9E+02 | 6.8E+04 | 95UCL | 1E-01 | **1E-04** |
| Heptane | 3.7E+05 | -- | 4.9E+04 | 95UCL | 1E-01 | -- |
| Hexachloro-1,3-Butadiene | 1.8E+03 | 5.5E+01 | 2.0E+03 | Max | 1E+00 | **4E-05** |
| Hexane | 3.7E+05 | -- | 8.9E+04 | 95UCL | 2E-01 | -- |
| Isopropanol | 3.7E+06 | -- | 2.1E+04 | 95UCL | 6E-03 | -- |
| Methylene Chloride | 3.1E+05 | 1.2E+03 | 2.2E+02 | 95UCL | 7E-04 | 2E-07 |
| Methyl-tert-Butyl Ether | 1.6E+06 | 4.7E+03 | 8.0E+01 | 95UCL | 5E-05 | 2E-08 |
| Naphthalene | 1.6E+03 | 3.6E+01 | 1.1E+03 | 95UCL | 7E-01 | **3E-05** |
| o-Xylene | 5.2E+04 | -- | 9.5E+02 | 95UCL | 2E-02 | -- |
| p/m-Xylene | 5.2E+04 | -- | 1.7E+04 | 95UCL | 3E-01 | -- |
| Propylbenzene | 5.2E+05 | -- | 7.4E+03 | 95UCL | 1E-02 | -- |
| Tetrachloroethene | 2.1E+04 | 2.1E+02 | 2.1E+02 | 95UCL | 1E-02 | 1E-06 |
| Tetrahydrofuran | 1.0E+06 | -- | 8.5E+00 | Max | 8E-06 | -- |
| Toluene | 2.6E+06 | -- | 1.1E+05 | 95UCL | 4E-02 | -- |
| trans-1,2-Dichloroethene | 3.1E+04 | -- | 8.9E+01 | 95UCL | 3E-03 | -- |
| trans-1,3-Dichloropropene | 1.0E+04 | 7.6E+01 | 6.5E+00 | Max | 6E-04 | 9E-08 |
| Trichloroethene | 1.0E+03 | 2.2E+02 | 1.0E+02 | 95UCL | 1E-01 | 5E-07 |
| Vinyl Chloride | 5.2E+04 | 1.6E+01 | 4.6E+00 | Max | 9E-05 | 3E-07 |
| **Cumulative Noncancer Hazard and Cancer Risk =** | | | | | **3E+01** | **4E-03** |
| **Results without Trihalomethanes =** | | | | | **2E+01** | **4E-03** |

Notes:

" -- " not applicable

COC = Constituent of Concern; EPC = exposure point concentration; 95UCL = 95 percent upper confidence limit

SSCG = Site-specific cleanup goals; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects

[1] EPCs were based on the 95UCLs; however, if not available, the maximum detect (Max) was used as the EPC.

**Bold** + Shaded if COC-specific noncancer hazard >1 or COC-specific cancer risk >1E-06

**Appendix E**
**Detailed Risk Calculations**

**Table E-8**
**COC-Specific Risk and Hazard Results**
**Onsite Resident**
**Soil Vapor (Non-Subslab) to Indoor Air**

| Constituent of Concern | EPC ($\mu g/m^3$) | EPC Basis | Onsite Resident | | | |
|---|---|---|---|---|---|---|
| | | | Soil Vapor (Non-Subslab) to Indoor Air | | | |
| | | | SSCGnc ($\mu g/m^3$) | SSCGc ($\mu g/m^3$) | Noncancer Hazard | Cancer Risk |
| 1,2,4-Trimethylbenzene | 6.9E+00 | Max | 3.7E+03 | -- | 1.9E-03 | -- |
| 2,2,4-Trimethylpentane | 8.0E+00 | Max | 5.2E+05 | -- | 1.5E-05 | -- |
| 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | Max | 2.6E+06 | -- | 3.8E-06 | -- |
| Benzene | 3.7E+01 | Max | 1.6E+04 | 4.2E+01 | 2.4E-03 | 8.8E-07 |
| Carbon Disulfide | 2.1E+02 | Max | 3.7E+05 | -- | 5.8E-04 | -- |
| Chloroform | 6.0E+00 | Max | 5.1E+04 | 2.3E+02 | 1.2E-04 | 2.6E-08 |
| cis-1,2-Dichloroethene | 5.2E+00 | Max | 3.7E+03 | -- | 1.4E-03 | -- |
| Cumene (Isopropylbenzene) | 1.1E+01 | Max | 2.1E+05 | -- | 5.3E-05 | -- |
| Cyclohexane | 2.7E+01 | Max | 3.1E+06 | -- | 8.6E-06 | -- |
| Ethanol | 2.4E+01 | Max | 2.1E+06 | -- | 1.2E-05 | -- |
| Ethylbenzene | 1.1E+01 | Max | 5.2E+05 | 4.9E+02 | 2.1E-05 | 2.3E-08 |
| Hexane | 5.6E+00 | Max | 3.7E+05 | -- | 1.5E-05 | -- |
| Isopropanol | 1.4E+01 | Max | 3.7E+06 | -- | 3.8E-06 | -- |
| Methylene Chloride | 8.1E+00 | Max | 3.1E+05 | 1.2E+03 | 2.6E-05 | 6.7E-09 |
| Naphthalene | 5.3E+00 | Max | 1.6E+03 | 3.6E+01 | 3.4E-03 | 1.5E-07 |
| o-Xylene | 1.6E+01 | Max | 5.2E+04 | -- | 3.1E-04 | -- |
| p/m-Xylene | 5.3E+01 | Max | 5.2E+04 | -- | 1.0E-03 | -- |
| Tetrachloroethene | 4.8E+01 | Max | 2.1E+04 | 2.1E+02 | 2.3E-03 | 2.3E-07 |
| Tetrahydrofuran | 2.5E+01 | Max | 1.0E+06 | -- | 2.4E-05 | -- |
| Toluene | 1.4E+02 | Max | 2.6E+06 | -- | 5.4E-05 | -- |
| **Cumulative Noncancer Hazard and Cancer Risk =** | | | | | **1E-02** | **1E-06** |

Notes:

" -- " not applicable

COC = Constituent of Concern; EPC = exposure point concentration; Max = maximum detected

SSCG = Site-specific cleanup goals; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects

No COC-specific noncancer hazard >1 and no COC-specific cancer risk >1E-06

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24401 MARBELLA AVE | 1,2-Dichloroethane | 4.5E+00 | 4.4E+06 | 8.5E+05 | 1E-06 | 5E-11 |
| 24401 MARBELLA AVE | 1,4-Dioxane | 3.4E+01 | 1.3E+08 | 1.6E+05 | 3E-07 | 2E-09 |
| 24401 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.4E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24401 MARBELLA AVE | Benzene | 5.9E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24401 MARBELLA AVE | Chloroform | 4.2E+00 | 9.0E+07 | 4.9E+06 | 5E-08 | 9E-12 |
| 24401 MARBELLA AVE | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24401 MARBELLA AVE | Heptane | 7.1E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 24401 MARBELLA AVE | Methylene Chloride | 4.0E+00 | 6.1E+08 | 2.8E+07 | 7E-09 | 1E-12 |
| 24401 MARBELLA AVE | Naphthalene | 2.9E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24401 MARBELLA AVE | Tetrachloroethene | 1.7E+02 | 5.5E+07 | 6.6E+06 | 3E-06 | 3E-10 |
| 24401 MARBELLA AVE | Toluene | 6.7E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24402 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.9E+01 | 2.3E+06 | -- | 8E-06 | -- |
| 24402 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 6.6E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24402 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24402 NEPTUNE AVE | 4-Ethyltoluene | 1.3E+01 | 2.5E+07 | -- | 5E-07 | -- |
| 24402 NEPTUNE AVE | Benzene | 5.1E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 24402 NEPTUNE AVE | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24402 NEPTUNE AVE | Hexane | 4.3E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24402 NEPTUNE AVE | Naphthalene | 2.7E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24402 NEPTUNE AVE | o-Xylene | 1.0E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24402 NEPTUNE AVE | p/m-Xylene | 2.3E+01 | 5.9E+07 | -- | 4E-07 | -- |
| 24402 NEPTUNE AVE | Toluene | 4.3E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24402 PANAMA AVE | Chloroform | 7.2E+00 | 9.0E+07 | 4.9E+06 | 8E-08 | 2E-11 |
| 24402 PANAMA AVE | Cyclohexane | 9.9E+00 | 1.8E+10 | -- | 6E-10 | -- |
| 24402 PANAMA AVE | Naphthalene | 1.1E+01 | 2.3E+05 | 6.3E+04 | 5E-05 | 2E-09 |
| 24402 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24402 RAVENNA AVE | Bromodichloromethane | 9.0E+00 | 7.2E+07 | 7.8E+05 | 1E-07 | 1E-10 |
| 24402 RAVENNA AVE | Chloroform | 2.4E+02 | 9.0E+07 | 4.9E+06 | 3E-06 | 5E-10 |
| 24402 RAVENNA AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24402 RAVENNA AVE | Hexane | 2.0E+00 | 1.7E+09 | -- | 1E-09 | -- |
| 24402 RAVENNA AVE | Isopropanol | 1.7E+03 | 5.7E+08 | -- | 3E-06 | -- |
| 24402 RAVENNA AVE | Naphthalene | 1.0E+00 | 2.3E+05 | 6.3E+04 | 4E-06 | 2E-10 |
| 24402 RAVENNA AVE | Toluene | 3.0E+00 | 3.7E+09 | -- | 8E-10 | -- |
| 24403 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.1E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24403 NEPTUNE AVE | Carbon Disulfide | 2.1E+01 | 1.4E+09 | -- | 2E-08 | -- |
| 24403 NEPTUNE AVE | Chloroform | 7.1E+00 | 9.0E+07 | 4.9E+06 | 8E-08 | 2E-11 |
| 24403 NEPTUNE AVE | Ethanol | 1.8E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24403 NEPTUNE AVE | Naphthalene | 3.9E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24403 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.0E+01 | 1.1E+09 | -- | 3E-08 | -- |
| 24403 RAVENNA AVE | Benzene | 5.9E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24403 RAVENNA AVE | Carbon Disulfide | 4.7E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24403 RAVENNA AVE | Naphthalene | 6.1E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24403 RAVENNA AVE | Toluene | 3.4E+00 | 3.7E+09 | -- | 9E-10 | -- |
| 24405 MARBELLA AVE | 1,4-Dioxane | 2.5E+01 | 1.3E+08 | 1.6E+05 | 2E-07 | 2E-09 |
| 24405 MARBELLA AVE | Isopropanol | 1.1E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24405 MARBELLA AVE | Naphthalene | 6.3E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24405 MARBELLA AVE | Tetrachloroethene | 1.2E+02 | 5.5E+07 | 6.6E+06 | 2E-06 | 2E-10 |
| 24406 MARBELLA AVE | 2,2,4-Trimethylpentane | 7.5E+00 | 6.5E+08 | -- | 1E-08 | -- |
| 24406 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24406 MARBELLA AVE | Benzene | 8.7E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 9E-11 |
| 24406 MARBELLA AVE | Chloroform | 6.4E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24406 MARBELLA AVE | Cumene (Isopropylbenzene) | 8.8E+00 | 1.5E+09 | -- | 6E-09 | -- |
| 24406 MARBELLA AVE | Cyclohexane | 8.9E+01 | 1.8E+10 | -- | 5E-09 | -- |
| 24406 MARBELLA AVE | Ethanol | 2.0E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24406 MARBELLA AVE | Ethylbenzene | 1.4E+01 | 6.3E+08 | 7.0E+06 | 2E-08 | 2E-11 |
| 24406 MARBELLA AVE | Heptane | 7.0E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 24406 MARBELLA AVE | Hexane | 4.7E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24406 MARBELLA AVE | Isopropanol | 2.9E+01 | 5.7E+08 | -- | 5E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24406 MARBELLA AVE | Naphthalene | 1.8E+00 | 2.3E+05 | 6.3E+04 | 8E-06 | 3E-10 |
| 24406 MARBELLA AVE | p/m-Xylene | 1.2E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24406 MARBELLA AVE | Toluene | 2.2E+01 | 3.7E+09 | -- | 6E-09 | -- |
| 24406 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 9.1E+00 | 2.3E+06 | -- | 4E-06 | -- |
| 24406 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.1E+02 | 1.1E+09 | -- | 2E-07 | -- |
| 24406 NEPTUNE AVE | 2-Hexanone | 2.8E+00 | 7.9E+06 | -- | 4E-07 | -- |
| 24406 NEPTUNE AVE | 4-Ethyltoluene | 6.1E+00 | 2.5E+07 | -- | 3E-07 | -- |
| 24406 NEPTUNE AVE | Benzene | 7.6E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 24406 NEPTUNE AVE | Carbon Disulfide | 1.8E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 24406 NEPTUNE AVE | Carbon Tetrachloride | 8.8E+01 | 1.6E+08 | 1.1E+06 | 6E-07 | 8E-10 |
| 24406 NEPTUNE AVE | Chloroform | 4.2E+01 | 9.0E+07 | 4.9E+06 | 5E-07 | 9E-11 |
| 24406 NEPTUNE AVE | Ethanol | 1.2E+03 | 1.9E+08 | -- | 6E-06 | -- |
| 24406 NEPTUNE AVE | Ethylbenzene | 6.5E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 9E-12 |
| 24406 NEPTUNE AVE | Isopropanol | 2.0E+02 | 5.7E+08 | -- | 4E-07 | -- |
| 24406 NEPTUNE AVE | Methylene Chloride | 7.3E+01 | 6.1E+08 | 2.8E+07 | 1E-07 | 3E-11 |
| 24406 NEPTUNE AVE | Naphthalene | 8.0E+01 | 2.3E+05 | 6.3E+04 | 4E-04 | 1E-08 |
| 24406 NEPTUNE AVE | o-Xylene | 6.0E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24406 NEPTUNE AVE | p/m-Xylene | 1.3E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24406 NEPTUNE AVE | Tetrahydrofuran | 7.7E+01 | 4.9E+08 | -- | 2E-07 | -- |
| 24406 NEPTUNE AVE | Toluene | 9.4E+00 | 3.7E+09 | -- | 3E-09 | -- |
| 24406 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24406 PANAMA AVE | Carbon Disulfide | 4.5E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24406 PANAMA AVE | Chloroform | 6.4E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24406 PANAMA AVE | Cumene (Isopropylbenzene) | 8.7E+00 | 1.5E+09 | -- | 6E-09 | -- |
| 24406 PANAMA AVE | Ethanol | 4.2E+02 | 1.9E+08 | -- | 2E-06 | -- |
| 24406 PANAMA AVE | Hexane | 4.1E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24406 PANAMA AVE | Isopropanol | 2.4E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24406 PANAMA AVE | Naphthalene | 6.0E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24406 PANAMA AVE | Toluene | 6.6E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24406 PANAMA AVE | Trichloroethene | 6.7E+01 | 2.0E+06 | 6.7E+06 | 3E-05 | 1E-10 |
| 24406 RAVENNA AVE | Naphthalene | 1.2E+00 | 2.3E+05 | 6.3E+04 | 5E-06 | 2E-10 |
| 24409 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.7E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24409 NEPTUNE AVE | Carbon Disulfide | 5.7E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24409 NEPTUNE AVE | Chloroform | 1.7E+00 | 9.0E+07 | 4.9E+06 | 2E-08 | 4E-12 |
| 24409 NEPTUNE AVE | Ethanol | 1.9E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24409 NEPTUNE AVE | Naphthalene | 4.7E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24409 RAVENNA AVE | 1,4-Dioxane | 3.6E+01 | 1.3E+08 | 1.6E+05 | 3E-07 | 2E-09 |
| 24409 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.4E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 24409 RAVENNA AVE | Chloroform | 9.8E+00 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24409 RAVENNA AVE | Naphthalene | 1.5E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 2E-10 |
| 24410 PANAMA AVE | 1,2,4-Trimethylbenzene | 7.9E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24410 PANAMA AVE | 4-Ethyltoluene | 6.2E+00 | 2.5E+07 | -- | 3E-07 | -- |
| 24410 PANAMA AVE | Chloroform | 4.2E+00 | 9.0E+07 | 4.9E+06 | 5E-08 | 9E-12 |
| 24410 PANAMA AVE | Ethanol | 1.7E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24410 PANAMA AVE | Naphthalene | 1.0E+00 | 2.3E+05 | 6.3E+04 | 4E-06 | 2E-10 |
| 24410 PANAMA AVE | p/m-Xylene | 7.5E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24410 PANAMA AVE | Tetrachloroethene | 1.9E+00 | 5.5E+07 | 6.6E+06 | 3E-08 | 3E-12 |
| 24411 MARBELLA AVE | 1,2,4-Trimethylbenzene | 1.5E+01 | 2.3E+06 | -- | 7E-06 | -- |
| 24411 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24411 MARBELLA AVE | 4-Ethyltoluene | 1.3E+01 | 2.5E+07 | -- | 5E-07 | -- |
| 24411 MARBELLA AVE | Benzene | 8.4E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 8E-11 |
| 24411 MARBELLA AVE | Carbon Disulfide | 6.4E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24411 MARBELLA AVE | Ethanol | 2.8E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24411 MARBELLA AVE | Ethylbenzene | 7.5E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |
| 24411 MARBELLA AVE | Hexane | 6.1E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 24411 MARBELLA AVE | Isopropanol | 2.7E+01 | 5.7E+08 | -- | 5E-08 | -- |
| 24411 MARBELLA AVE | Naphthalene | 2.5E+01 | 2.3E+05 | 6.3E+04 | 1E-04 | 4E-09 |
| 24411 MARBELLA AVE | o-Xylene | 1.3E+01 | 5.9E+07 | -- | 2E-07 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24411 MARBELLA AVE | p/m-Xylene | 2.7E+01 | 5.9E+07 | -- | 5E-07 | -- |
| 24411 MARBELLA AVE | Tetrachloroethene | 1.9E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 3E-11 |
| 24411 MARBELLA AVE | Toluene | 4.8E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24411 MARBELLA AVE | Trichloroethene | 3.7E+01 | 2.0E+06 | 6.7E+06 | 2E-05 | 6E-11 |
| 24411 PANAMA AVE | 1,2,4-Trimethylbenzene | 3.2E+01 | 2.3E+06 | -- | 1E-05 | -- |
| 24411 PANAMA AVE | 1,3,5-Trimethylbenzene | 1.2E+01 | 2.3E+06 | -- | 5E-06 | -- |
| 24411 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.0E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24411 PANAMA AVE | 4-Ethyltoluene | 2.9E+01 | 2.5E+07 | -- | 1E-06 | -- |
| 24411 PANAMA AVE | Benzene | 3.4E+01 | 3.2E+07 | 1.0E+06 | 1E-06 | 3E-10 |
| 24411 PANAMA AVE | Carbon Disulfide | 6.6E+01 | 1.4E+09 | -- | 5E-08 | -- |
| 24411 PANAMA AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24411 PANAMA AVE | Ethylbenzene | 2.2E+01 | 6.3E+08 | 7.0E+06 | 4E-08 | 3E-11 |
| 24411 PANAMA AVE | Naphthalene | 3.7E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24411 PANAMA AVE | o-Xylene | 8.7E+01 | 5.9E+07 | -- | 2E-06 | -- |
| 24411 PANAMA AVE | p/m-Xylene | 1.9E+02 | 5.9E+07 | -- | 3E-06 | -- |
| 24411 PANAMA AVE | Tetrachloroethene | 7.4E+01 | 5.5E+07 | 6.6E+06 | 1E-06 | 1E-10 |
| 24411 PANAMA AVE | Toluene | 1.9E+02 | 3.7E+09 | -- | 5E-08 | -- |
| 24412 MARBELLA AVE | 1,4-Dioxane | 2.0E+01 | 1.3E+08 | 1.6E+05 | 2E-07 | 1E-09 |
| 24412 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 1.1E+09 | -- | 9E-09 | -- |
| 24412 MARBELLA AVE | 2-Hexanone | 2.2E+00 | 7.9E+06 | -- | 3E-07 | -- |
| 24412 MARBELLA AVE | Benzene | 5.1E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 24412 MARBELLA AVE | Chloroform | 3.0E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 6E-11 |
| 24412 MARBELLA AVE | cis-1,2-Dichloroethene | 3.2E+01 | 8.3E+06 | -- | 4E-06 | -- |
| 24412 MARBELLA AVE | Cumene (Isopropylbenzene) | 2.2E+00 | 1.5E+09 | -- | 2E-09 | -- |
| 24412 MARBELLA AVE | Ethanol | 2.2E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24412 MARBELLA AVE | Isopropanol | 4.7E+01 | 5.7E+08 | -- | 8E-08 | -- |
| 24412 MARBELLA AVE | Methyl-tert-Butyl Ether | 1.9E+01 | 1.8E+09 | 6.5E+07 | 1E-08 | 3E-12 |
| 24412 MARBELLA AVE | Naphthalene | 6.7E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24412 MARBELLA AVE | Tetrachloroethene | 1.8E+00 | 5.5E+07 | 6.6E+06 | 3E-08 | 3E-12 |
| 24412 MARBELLA AVE | Toluene | 1.4E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24412 MARBELLA AVE | Trichloroethene | 7.2E+02 | 2.0E+06 | 6.7E+06 | 4E-04 | 1E-09 |
| 24412 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.4E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 24412 RAVENNA AVE | Benzene | 8.7E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 9E-11 |
| 24412 RAVENNA AVE | Ethanol | 1.7E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24412 RAVENNA AVE | Tetrahydrofuran | 4.6E+00 | 4.9E+08 | -- | 1E-08 | -- |
| 24413 NEPTUNE AVE | Benzene | 3.9E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24413 NEPTUNE AVE | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24413 NEPTUNE AVE | Ethylbenzene | 3.1E+01 | 6.3E+08 | 7.0E+06 | 5E-08 | 4E-11 |
| 24413 NEPTUNE AVE | Heptane | 3.8E+01 | 2.3E+09 | -- | 2E-08 | -- |
| 24413 NEPTUNE AVE | Hexane | 3.2E+01 | 1.7E+09 | -- | 2E-08 | -- |
| 24413 NEPTUNE AVE | Naphthalene | 6.3E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24413 NEPTUNE AVE | p/m-Xylene | 8.7E+00 | 5.9E+07 | -- | 2E-07 | -- |
| 24413 NEPTUNE AVE | Toluene | 1.2E+03 | 3.7E+09 | -- | 3E-07 | -- |
| 24413 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.2E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24413 RAVENNA AVE | Benzene | 4.1E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24413 RAVENNA AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24413 RAVENNA AVE | Hexane | 4.2E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24413 RAVENNA AVE | Naphthalene | 8.0E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 1E-09 |
| 24416 MARBELLA AVE | Carbon Disulfide | 3.8E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24416 MARBELLA AVE | Chloroform | 1.9E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 4E-11 |
| 24416 MARBELLA AVE | Naphthalene | 1.5E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 2E-10 |
| 24416 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.7E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 24416 NEPTUNE AVE | Chloroform | 1.3E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 3E-11 |
| 24416 NEPTUNE AVE | Isopropanol | 1.2E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24416 NEPTUNE AVE | Naphthalene | 2.1E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 24416 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.4E+00 | 1.1E+09 | -- | 5E-09 | -- |
| 24416 PANAMA AVE | Benzene | 2.7E+01 | 3.2E+07 | 1.0E+06 | 9E-07 | 3E-10 |
| 24416 PANAMA AVE | Ethanol | 1.7E+01 | 1.9E+08 | -- | 9E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24416 PANAMA AVE | Hexane | 4.2E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24416 PANAMA AVE | Isopropanol | 5.1E+00 | 5.7E+08 | -- | 9E-09 | -- |
| 24416 PANAMA AVE | Naphthalene | 7.5E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24416 PANAMA AVE | Toluene | 1.3E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24416 PANAMA AVE | Trichloroethene | 5.9E+00 | 2.0E+06 | 6.7E+06 | 3E-06 | 9E-12 |
| 24416 RAVENNA AVE | 1,2,4-Trimethylbenzene | 7.3E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24416 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.9E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24416 RAVENNA AVE | Benzene | 2.2E+02 | 3.2E+07 | 1.0E+06 | 7E-06 | 2E-09 |
| 24416 RAVENNA AVE | Carbon Disulfide | 1.4E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 24416 RAVENNA AVE | Cumene (Isopropylbenzene) | 2.4E+01 | 1.5E+09 | -- | 2E-08 | -- |
| 24416 RAVENNA AVE | Ethanol | 2.8E+02 | 1.9E+08 | -- | 1E-06 | -- |
| 24416 RAVENNA AVE | Isopropanol | 1.9E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24416 RAVENNA AVE | Methylene Chloride | 6.9E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 2E-12 |
| 24416 RAVENNA AVE | Naphthalene | 9.3E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 2E-09 |
| 24416 RAVENNA AVE | p/m-Xylene | 9.0E+00 | 5.9E+07 | -- | 2E-07 | -- |
| 24416 RAVENNA AVE | Tetrahydrofuran | 7.4E+00 | 4.9E+08 | -- | 2E-08 | -- |
| 24416 RAVENNA AVE | Toluene | 9.5E+00 | 3.7E+09 | -- | 3E-09 | -- |
| 24417 MARBELLA AVE | Naphthalene | 3.3E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24417 MARBELLA AVE | Tetrachloroethene | 1.9E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 3E-11 |
| 24417 MARBELLA AVE | Tetrahydrofuran | 3.8E+00 | 4.9E+08 | -- | 8E-09 | -- |
| 24417 PANAMA AVE | Naphthalene | 2.9E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24417 PANAMA AVE | Toluene | 3.0E+01 | 3.7E+09 | -- | 8E-09 | -- |
| 24419 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24419 NEPTUNE AVE | Benzene | 8.9E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 9E-11 |
| 24419 NEPTUNE AVE | Chloroform | 1.4E+03 | 9.0E+07 | 4.9E+06 | 2E-05 | 3E-09 |
| 24419 NEPTUNE AVE | Ethanol | 9.2E+01 | 1.9E+08 | -- | 5E-07 | -- |
| 24419 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24419 RAVENNA AVE | Benzene | 3.2E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 3E-11 |
| 24419 RAVENNA AVE | Chloroform | 2.5E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 5E-11 |
| 24419 RAVENNA AVE | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24419 RAVENNA AVE | Naphthalene | 1.6E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 3E-10 |
| 24420 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24420 PANAMA AVE | Ethanol | 3.4E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24420 PANAMA AVE | Naphthalene | 2.6E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24421 PANAMA AVE | 2,2,4-Trimethylpentane | 2.0E+00 | 6.5E+08 | -- | 3E-09 | -- |
| 24421 PANAMA AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24421 PANAMA AVE | Naphthalene | 2.0E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 24421 PANAMA AVE | Tetrachloroethene | 2.3E+00 | 5.5E+07 | 6.6E+06 | 4E-08 | 4E-12 |
| 24421 PANAMA AVE | Trichloroethene | 2.7E+00 | 2.0E+06 | 6.7E+06 | 1E-06 | 4E-12 |
| 24422 MARBELLA AVE | 2,2,4-Trimethylpentane | 6.3E+00 | 6.5E+08 | -- | 1E-08 | -- |
| 24422 MARBELLA AVE | Bromodichloromethane | 3.5E+00 | 7.2E+07 | 7.8E+05 | 5E-08 | 5E-11 |
| 24422 MARBELLA AVE | Chloroform | 1.8E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 4E-11 |
| 24422 MARBELLA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24422 MARBELLA AVE | Naphthalene | 4.6E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24422 MARBELLA AVE | p/m-Xylene | 5.4E+00 | 5.9E+07 | -- | 9E-08 | -- |
| 24422 MARBELLA AVE | Toluene | 4.6E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24422 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 4.3E+01 | 2.3E+06 | -- | 2E-05 | -- |
| 24422 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 1.4E+01 | 2.3E+06 | -- | 6E-06 | -- |
| 24422 NEPTUNE AVE | 1,4-Dioxane | 2.2E+01 | 1.3E+08 | 1.6E+05 | 2E-07 | 1E-09 |
| 24422 NEPTUNE AVE | 4-Ethyltoluene | 2.8E+01 | 2.5E+07 | -- | 1E-06 | -- |
| 24422 NEPTUNE AVE | Benzene | 5.8E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24422 NEPTUNE AVE | Chloroform | 4.8E+01 | 9.0E+07 | 4.9E+06 | 5E-07 | 1E-10 |
| 24422 NEPTUNE AVE | Cumene (Isopropylbenzene) | 6.3E+00 | 1.5E+09 | -- | 4E-09 | -- |
| 24422 NEPTUNE AVE | Ethanol | 2.0E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24422 NEPTUNE AVE | Ethylbenzene | 6.8E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |
| 24422 NEPTUNE AVE | Hexane | 6.9E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 24422 NEPTUNE AVE | o-Xylene | 2.2E+01 | 5.9E+07 | -- | 4E-07 | -- |
| 24422 NEPTUNE AVE | p/m-Xylene | 4.6E+01 | 5.9E+07 | -- | 8E-07 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24422 NEPTUNE AVE | Toluene | 1.7E+01 | 3.7E+09 | -- | 5E-09 | -- |
| 24422 RAVENNA AVE | Ethanol | 1.0E+01 | 1.9E+08 | -- | 5E-08 | -- |
| 24422 RAVENNA AVE | Naphthalene | 2.2E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24422 RAVENNA AVE | Toluene | 7.8E+01 | 3.7E+09 | -- | 2E-08 | -- |
| 24423 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.9E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24423 MARBELLA AVE | Benzene | 5.6E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24423 MARBELLA AVE | Carbon Disulfide | 2.7E+01 | 1.4E+09 | -- | 2E-08 | -- |
| 24423 MARBELLA AVE | Ethanol | 2.9E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24423 MARBELLA AVE | Naphthalene | 1.2E+00 | 2.3E+05 | 6.3E+04 | 5E-06 | 2E-10 |
| 24423 MARBELLA AVE | Tetrachloroethene | 2.6E+02 | 5.5E+07 | 6.6E+06 | 5E-06 | 4E-10 |
| 24423 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 4.5E+00 | 2.3E+06 | -- | 2E-06 | -- |
| 24423 NEPTUNE AVE | 2,2,4-Trimethylpentane | 6.9E+01 | 6.5E+08 | -- | 1E-07 | -- |
| 24423 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24423 NEPTUNE AVE | 4-Ethyltoluene | 5.4E+00 | 2.5E+07 | -- | 2E-07 | -- |
| 24423 NEPTUNE AVE | Benzene | 1.6E+01 | 3.2E+07 | 1.0E+06 | 5E-07 | 2E-10 |
| 24423 NEPTUNE AVE | Bromomethane | 3.5E+01 | 9.5E+06 | -- | 4E-06 | -- |
| 24423 NEPTUNE AVE | Carbon Disulfide | 8.1E+01 | 1.4E+09 | -- | 6E-08 | -- |
| 24423 NEPTUNE AVE | Chloroform | 9.3E+02 | 9.0E+07 | 4.9E+06 | 1E-05 | 2E-09 |
| 24423 NEPTUNE AVE | Cyclohexane | 2.3E+01 | 1.8E+10 | -- | 1E-09 | -- |
| 24423 NEPTUNE AVE | Ethanol | 2.2E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24423 NEPTUNE AVE | Ethylbenzene | 4.2E+00 | 6.3E+08 | 7.0E+06 | 7E-09 | 6E-12 |
| 24423 NEPTUNE AVE | Heptane | 8.6E+02 | 2.3E+09 | -- | 4E-07 | -- |
| 24423 NEPTUNE AVE | Hexane | 6.3E+02 | 1.7E+09 | -- | 4E-07 | -- |
| 24423 NEPTUNE AVE | Isopropanol | 1.7E+04 | 5.7E+08 | -- | 3E-05 | -- |
| 24423 NEPTUNE AVE | Methylene Chloride | 5.5E+02 | 6.1E+08 | 2.8E+07 | 9E-07 | 2E-10 |
| 24423 NEPTUNE AVE | Naphthalene | 2.8E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24423 NEPTUNE AVE | o-Xylene | 5.8E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24423 NEPTUNE AVE | p/m-Xylene | 1.6E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24423 NEPTUNE AVE | Toluene | 1.8E+02 | 3.7E+09 | -- | 5E-08 | -- |
| 24423 NEPTUNE AVE | Vinyl Chloride | 2.7E+01 | 2.3E+08 | 8.3E+05 | 1E-07 | 3E-10 |
| 24423 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.9E+00 | 1.1E+09 | -- | 5E-09 | -- |
| 24423 RAVENNA AVE | Benzene | 3.9E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24423 RAVENNA AVE | Chloroform | 1.0E+02 | 9.0E+07 | 4.9E+06 | 1E-06 | 2E-10 |
| 24423 RAVENNA AVE | Cumene (Isopropylbenzene) | 6.0E+00 | 1.5E+09 | -- | 4E-09 | -- |
| 24423 RAVENNA AVE | Naphthalene | 5.8E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 9E-10 |
| 24426 MARBELLA AVE | 1,2,4-Trimethylbenzene | 5.7E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24426 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.0E+00 | 1.1E+09 | -- | 5E-09 | -- |
| 24426 MARBELLA AVE | Carbon Disulfide | 5.7E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24426 MARBELLA AVE | Naphthalene | 1.4E+01 | 2.3E+05 | 6.3E+04 | 6E-05 | 2E-09 |
| 24426 MARBELLA AVE | Tetrachloroethene | 1.9E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 3E-11 |
| 24426 NEPTUNE AVE | 1,4-Dioxane | 1.8E+01 | 1.3E+08 | 1.6E+05 | 1E-07 | 1E-09 |
| 24426 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24426 NEPTUNE AVE | Benzene | 1.7E+01 | 3.2E+07 | 1.0E+06 | 5E-07 | 2E-10 |
| 24426 NEPTUNE AVE | Bromomethane | 4.5E+00 | 9.5E+06 | -- | 5E-07 | -- |
| 24426 NEPTUNE AVE | Carbon Disulfide | 1.3E+01 | 1.4E+09 | -- | 9E-09 | -- |
| 24426 NEPTUNE AVE | Cumene (Isopropylbenzene) | 1.1E+01 | 1.5E+09 | -- | 8E-09 | -- |
| 24426 NEPTUNE AVE | Ethanol | 9.6E+00 | 1.9E+08 | -- | 5E-08 | -- |
| 24426 NEPTUNE AVE | Isopropanol | 1.9E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24426 NEPTUNE AVE | Methylene Chloride | 5.0E+00 | 6.1E+08 | 2.8E+07 | 8E-09 | 2E-12 |
| 24426 NEPTUNE AVE | Naphthalene | 5.2E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24426 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.7E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 24426 PANAMA AVE | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24426 PANAMA AVE | Heptane | 6.8E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 24426 PANAMA AVE | Hexane | 1.2E+01 | 1.7E+09 | -- | 7E-09 | -- |
| 24426 PANAMA AVE | Methylene Chloride | 4.5E+00 | 6.1E+08 | 2.8E+07 | 7E-09 | 2E-12 |
| 24426 PANAMA AVE | Naphthalene | 2.1E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 24426 PANAMA AVE | Toluene | 2.4E+01 | 3.7E+09 | -- | 7E-09 | -- |
| 24426 RAVENNA AVE | 1,2,4-Trimethylbenzene | 2.2E+01 | 2.3E+06 | -- | 1E-05 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24426 RAVENNA AVE | 1,3,5-Trimethylbenzene | 5.7E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24426 RAVENNA AVE | 2,2,4-Trimethylpentane | 6.2E+00 | 6.5E+08 | -- | 1E-08 | -- |
| 24426 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.2E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24426 RAVENNA AVE | 4-Ethyltoluene | 1.5E+01 | 2.5E+07 | -- | 6E-07 | -- |
| 24426 RAVENNA AVE | Ethanol | 8.9E+00 | 1.9E+08 | -- | 5E-08 | -- |
| 24426 RAVENNA AVE | Ethylbenzene | 5.6E+00 | 6.3E+08 | 7.0E+06 | 9E-09 | 8E-12 |
| 24426 RAVENNA AVE | Naphthalene | 2.6E+01 | 2.3E+05 | 6.3E+04 | 1E-04 | 4E-09 |
| 24426 RAVENNA AVE | o-Xylene | 9.8E+00 | 5.9E+07 | -- | 2E-07 | -- |
| 24426 RAVENNA AVE | p/m-Xylene | 1.9E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24426 RAVENNA AVE | Toluene | 1.3E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24427 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24427 MARBELLA AVE | Ethanol | 1.9E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24427 MARBELLA AVE | Naphthalene | 2.9E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24427 MARBELLA AVE | Tetrachloroethene | 8.0E+00 | 5.5E+07 | 6.6E+06 | 1E-07 | 1E-11 |
| 24427 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24427 PANAMA AVE | Benzene | 6.7E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 24427 PANAMA AVE | Chloroform | 3.4E+01 | 9.0E+07 | 4.9E+06 | 4E-07 | 7E-11 |
| 24427 PANAMA AVE | Naphthalene | 7.4E-01 | 2.3E+05 | 6.3E+04 | 3E-06 | 1E-10 |
| 24429 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 6.2E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24429 NEPTUNE AVE | 2,2,4-Trimethylpentane | 5.5E+00 | 6.5E+08 | -- | 8E-09 | -- |
| 24429 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.0E+01 | 1.1E+09 | -- | 4E-08 | -- |
| 24429 NEPTUNE AVE | Bromomethane | 1.0E+01 | 9.5E+06 | -- | 1E-06 | -- |
| 24429 NEPTUNE AVE | cis-1,2-Dichloroethene | 3.1E+01 | 8.3E+06 | -- | 4E-06 | -- |
| 24429 NEPTUNE AVE | Ethanol | 4.0E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24429 NEPTUNE AVE | Isopropanol | 3.5E+01 | 5.7E+08 | -- | 6E-08 | -- |
| 24429 NEPTUNE AVE | Methylene Chloride | 4.6E+00 | 6.1E+08 | 2.8E+07 | 8E-09 | 2E-12 |
| 24429 NEPTUNE AVE | Naphthalene | 1.4E+00 | 2.3E+05 | 6.3E+04 | 6E-06 | 2E-10 |
| 24429 NEPTUNE AVE | p/m-Xylene | 4.5E+00 | 5.9E+07 | -- | 8E-08 | -- |
| 24429 NEPTUNE AVE | Tetrachloroethene | 3.6E+02 | 5.5E+07 | 6.6E+06 | 7E-06 | 6E-10 |
| 24429 NEPTUNE AVE | Tetrahydrofuran | 3.3E+01 | 4.9E+08 | -- | 7E-08 | -- |
| 24429 NEPTUNE AVE | Toluene | 3.3E+01 | 3.7E+09 | -- | 9E-09 | -- |
| 24429 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.8E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 24429 RAVENNA AVE | Carbon Disulfide | 7.0E+00 | 1.4E+09 | -- | 5E-09 | -- |
| 24429 RAVENNA AVE | Chloroform | 2.4E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 5E-11 |
| 24429 RAVENNA AVE | Isopropanol | 2.5E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24429 RAVENNA AVE | Naphthalene | 1.6E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 3E-10 |
| 24430 PANAMA AVE | 1,4-Dichlorobenzene | 1.1E+01 | 2.3E+08 | 7.2E+05 | 5E-08 | 2E-10 |
| 24430 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.9E+01 | 1.1E+09 | -- | 5E-08 | -- |
| 24430 PANAMA AVE | Benzene | 5.8E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24430 PANAMA AVE | Carbon Disulfide | 1.7E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 24430 PANAMA AVE | Ethanol | 3.7E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24430 PANAMA AVE | Isopropanol | 1.8E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24430 PANAMA AVE | Naphthalene | 1.1E+01 | 2.3E+05 | 6.3E+04 | 5E-05 | 2E-09 |
| 24430 PANAMA AVE | p/m-Xylene | 1.9E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24430 PANAMA AVE | Tetrachloroethene | 2.1E+01 | 5.5E+07 | 6.6E+06 | 4E-07 | 3E-11 |
| 24430 PANAMA AVE | Toluene | 3.1E+01 | 3.7E+09 | -- | 8E-09 | -- |
| 24431 PANAMA AVE | 1,2,4-Trimethylbenzene | 6.1E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24431 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.2E+00 | 1.1E+09 | -- | 5E-09 | -- |
| 24431 PANAMA AVE | Ethanol | 9.7E+00 | 1.9E+08 | -- | 5E-08 | -- |
| 24431 PANAMA AVE | Naphthalene | 4.3E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24431 PANAMA AVE | o-Xylene | 7.7E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24431 PANAMA AVE | p/m-Xylene | 2.1E+01 | 5.9E+07 | -- | 4E-07 | -- |
| 24431 PANAMA AVE | Toluene | 2.1E+01 | 3.7E+09 | -- | 6E-09 | -- |
| 24432 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24432 MARBELLA AVE | Benzene | 8.3E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 8E-11 |
| 24432 MARBELLA AVE | Chloroform | 1.4E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 3E-11 |
| 24432 MARBELLA AVE | Ethanol | 1.8E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24432 MARBELLA AVE | Isopropanol | 1.2E+01 | 5.7E+08 | -- | 2E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24432 MARBELLA AVE | Naphthalene | 5.9E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 9E-10 |
| 24432 MARBELLA AVE | o-Xylene | 6.9E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24432 MARBELLA AVE | p/m-Xylene | 1.9E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24432 MARBELLA AVE | Toluene | 4.1E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24433 MARBELLA AVE | 1,2,4-Trimethylbenzene | 2.0E+02 | 2.3E+06 | -- | 9E-05 | -- |
| 24433 MARBELLA AVE | 1,3,5-Trimethylbenzene | 9.3E+01 | 2.3E+06 | -- | 4E-05 | -- |
| 24433 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.9E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24433 MARBELLA AVE | 4-Ethyltoluene | 2.3E+02 | 2.5E+07 | -- | 9E-06 | -- |
| 24433 MARBELLA AVE | Benzene | 5.8E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24433 MARBELLA AVE | Chloroform | 7.1E+00 | 9.0E+07 | 4.9E+06 | 8E-08 | 2E-11 |
| 24433 MARBELLA AVE | Cumene (Isopropylbenzene) | 1.3E+01 | 1.5E+09 | -- | 9E-09 | -- |
| 24433 MARBELLA AVE | Ethanol | 2.6E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24433 MARBELLA AVE | Ethylbenzene | 1.0E+01 | 6.3E+08 | 7.0E+06 | 2E-08 | 1E-11 |
| 24433 MARBELLA AVE | Heptane | 3.7E+00 | 2.3E+09 | -- | 2E-09 | -- |
| 24433 MARBELLA AVE | Isopropanol | 9.3E+00 | 5.7E+08 | -- | 2E-08 | -- |
| 24433 MARBELLA AVE | Naphthalene | 3.1E+01 | 2.3E+05 | 6.3E+04 | 1E-04 | 5E-09 |
| 24433 MARBELLA AVE | o-Xylene | 1.1E+02 | 5.9E+07 | -- | 2E-06 | -- |
| 24433 MARBELLA AVE | p/m-Xylene | 8.7E+01 | 5.9E+07 | -- | 2E-06 | -- |
| 24433 MARBELLA AVE | Propylbenzene | 1.4E+01 | 6.6E+08 | -- | 2E-08 | -- |
| 24433 MARBELLA AVE | Tetrachloroethene | 2.0E+02 | 5.5E+07 | 6.6E+06 | 4E-06 | 3E-10 |
| 24433 MARBELLA AVE | Toluene | 9.3E+00 | 3.7E+09 | -- | 3E-09 | -- |
| 24436 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+01 | 1.1E+09 | -- | 3E-08 | -- |
| 24436 PANAMA AVE | Benzene | 7.1E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 24436 PANAMA AVE | Chloroform | 9.8E+00 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24436 PANAMA AVE | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24436 PANAMA AVE | Isopropanol | 2.8E+01 | 5.7E+08 | -- | 5E-08 | -- |
| 24436 PANAMA AVE | Naphthalene | 3.4E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 5E-10 |
| 24436 PANAMA AVE | Tetrachloroethene | 9.6E+00 | 5.5E+07 | 6.6E+06 | 2E-07 | 2E-11 |
| 24436 PANAMA AVE | Toluene | 1.3E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24502 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.0E+00 | 1.1E+09 | -- | 5E-09 | -- |
| 24502 MARBELLA AVE | Bromodichloromethane | 1.5E+01 | 7.2E+07 | 7.8E+05 | 2E-07 | 2E-10 |
| 24502 MARBELLA AVE | Bromomethane | 5.9E+00 | 9.5E+06 | -- | 6E-07 | -- |
| 24502 MARBELLA AVE | Chloroform | 8.3E+01 | 9.0E+07 | 4.9E+06 | 9E-07 | 2E-10 |
| 24502 MARBELLA AVE | Ethanol | 2.4E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24502 MARBELLA AVE | Heptane | 3.6E+00 | 2.3E+09 | -- | 2E-09 | -- |
| 24502 MARBELLA AVE | Naphthalene | 3.4E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 5E-10 |
| 24502 MARBELLA AVE | Tetrahydrofuran | 6.4E+00 | 4.9E+08 | -- | 1E-08 | -- |
| 24502 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.0E+01 | 2.3E+06 | -- | 4E-06 | -- |
| 24502 NEPTUNE AVE | 4-Ethyltoluene | 7.3E+00 | 2.5E+07 | -- | 3E-07 | -- |
| 24502 NEPTUNE AVE | Bromodichloromethane | 4.2E+01 | 7.2E+07 | 7.8E+05 | 6E-07 | 5E-10 |
| 24502 NEPTUNE AVE | Chloroform | 5.2E+02 | 9.0E+07 | 4.9E+06 | 6E-06 | 1E-09 |
| 24502 NEPTUNE AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24502 NEPTUNE AVE | Heptane | 5.9E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 24502 NEPTUNE AVE | Naphthalene | 8.8E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 1E-09 |
| 24502 NEPTUNE AVE | p/m-Xylene | 1.2E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24502 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.7E+01 | 2.3E+06 | -- | 7E-06 | -- |
| 24502 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.1E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24502 PANAMA AVE | 4-Ethyltoluene | 6.9E+00 | 2.5E+07 | -- | 3E-07 | -- |
| 24502 PANAMA AVE | Benzene | 4.9E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 24502 PANAMA AVE | Naphthalene | 1.2E+01 | 2.3E+05 | 6.3E+04 | 5E-05 | 2E-09 |
| 24502 PANAMA AVE | o-Xylene | 1.4E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24502 PANAMA AVE | p/m-Xylene | 2.6E+01 | 5.9E+07 | -- | 4E-07 | -- |
| 24502 PANAMA AVE | Toluene | 2.5E+01 | 3.7E+09 | -- | 7E-09 | -- |
| 24502 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24502 RAVENNA AVE | Benzene | 9.6E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 9E-11 |
| 24502 RAVENNA AVE | Carbon Disulfide | 5.7E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24502 RAVENNA AVE | Chloroform | 7.7E+00 | 9.0E+07 | 4.9E+06 | 9E-08 | 2E-11 |
| 24502 RAVENNA AVE | Ethanol | 3.9E+01 | 1.9E+08 | -- | 2E-07 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24502 RAVENNA AVE | Naphthalene | 3.8E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24502 RAVENNA AVE | Tetrachloroethene | 1.3E+01 | 5.5E+07 | 6.6E+06 | 2E-07 | 2E-11 |
| 24503 MARBELLA AVE | 1,2,4-Trimethylbenzene | 5.6E+00 | 2.3E+06 | -- | 2E-06 | -- |
| 24503 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.7E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 24503 MARBELLA AVE | Ethanol | 6.0E+00 | 1.9E+08 | -- | 3E-08 | -- |
| 24503 MARBELLA AVE | Naphthalene | 3.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24503 MARBELLA AVE | Tetrachloroethene | 2.2E+02 | 5.5E+07 | 6.6E+06 | 4E-06 | 3E-10 |
| 24503 MARBELLA AVE | Trichloroethene | 4.7E+00 | 2.0E+06 | 6.7E+06 | 2E-06 | 7E-12 |
| 24503 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.7E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24503 NEPTUNE AVE | Benzene | 4.1E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24503 NEPTUNE AVE | Chloroform | 1.1E+03 | 9.0E+07 | 4.9E+06 | 1E-05 | 2E-09 |
| 24503 NEPTUNE AVE | Ethanol | 8.3E+00 | 1.9E+08 | -- | 4E-08 | -- |
| 24503 NEPTUNE AVE | Ethylbenzene | 6.2E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 9E-12 |
| 24503 NEPTUNE AVE | Isopropanol | 2.1E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24503 NEPTUNE AVE | Naphthalene | 3.2E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24503 NEPTUNE AVE | o-Xylene | 4.6E+00 | 5.9E+07 | -- | 8E-08 | -- |
| 24503 NEPTUNE AVE | p/m-Xylene | 2.0E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24503 NEPTUNE AVE | Toluene | 2.1E+01 | 3.7E+09 | -- | 6E-09 | -- |
| 24503 PANAMA AVE | 2,2,4-Trimethylpentane | 1.3E+01 | 6.5E+08 | -- | 2E-08 | -- |
| 24503 PANAMA AVE | Benzene | 1.2E+01 | 3.2E+07 | 1.0E+06 | 4E-07 | 1E-10 |
| 24503 PANAMA AVE | Chloroform | 2.2E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 5E-11 |
| 24503 PANAMA AVE | Cyclohexane | 5.4E+01 | 1.8E+10 | -- | 3E-09 | -- |
| 24503 PANAMA AVE | Ethanol | 2.9E+02 | 1.9E+08 | -- | 2E-06 | -- |
| 24503 PANAMA AVE | Heptane | 1.5E+01 | 2.3E+09 | -- | 6E-09 | -- |
| 24503 PANAMA AVE | Hexane | 6.2E+01 | 1.7E+09 | -- | 4E-08 | -- |
| 24503 PANAMA AVE | Naphthalene | 4.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24503 PANAMA AVE | Tetrachloroethene | 2.3E+01 | 5.5E+07 | 6.6E+06 | 4E-07 | 4E-11 |
| 24503 PANAMA AVE | Toluene | 2.7E+01 | 3.7E+09 | -- | 7E-09 | -- |
| 24503 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24503 RAVENNA AVE | Carbon Disulfide | 9.5E+00 | 1.4E+09 | -- | 7E-09 | -- |
| 24503 RAVENNA AVE | Chloroform | 1.3E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 3E-11 |
| 24503 RAVENNA AVE | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24503 RAVENNA AVE | Methylene Chloride | 5.4E+00 | 6.1E+08 | 2.8E+07 | 9E-09 | 2E-12 |
| 24503 RAVENNA AVE | Naphthalene | 6.0E-01 | 2.3E+05 | 6.3E+04 | 3E-06 | 1E-10 |
| 24503 RAVENNA AVE | Tetrachloroethene | 1.9E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 3E-11 |
| 24506 MARBELLA AVE | 1,2,4-Trimethylbenzene | 8.5E+01 | 2.3E+06 | -- | 4E-05 | -- |
| 24506 MARBELLA AVE | 1,3,5-Trimethylbenzene | 2.9E+01 | 2.3E+06 | -- | 1E-05 | -- |
| 24506 MARBELLA AVE | 2,2,4-Trimethylpentane | 7.4E+00 | 6.5E+08 | -- | 1E-08 | -- |
| 24506 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.9E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24506 MARBELLA AVE | 4-Ethyltoluene | 1.0E+02 | 2.5E+07 | -- | 4E-06 | -- |
| 24506 MARBELLA AVE | Benzene | 1.3E+02 | 3.2E+07 | 1.0E+06 | 4E-06 | 1E-09 |
| 24506 MARBELLA AVE | Bromomethane | 6.9E+00 | 9.5E+06 | -- | 7E-07 | -- |
| 24506 MARBELLA AVE | Cyclohexane | 4.8E+00 | 1.8E+10 | -- | 3E-10 | -- |
| 24506 MARBELLA AVE | Ethanol | 3.5E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24506 MARBELLA AVE | Ethylbenzene | 9.8E+01 | 6.3E+08 | 7.0E+06 | 2E-07 | 1E-10 |
| 24506 MARBELLA AVE | Heptane | 1.1E+01 | 2.3E+09 | -- | 5E-09 | -- |
| 24506 MARBELLA AVE | Hexane | 1.3E+01 | 1.7E+09 | -- | 8E-09 | -- |
| 24506 MARBELLA AVE | Methylene Chloride | 5.7E+00 | 6.1E+08 | 2.8E+07 | 9E-09 | 2E-12 |
| 24506 MARBELLA AVE | Naphthalene | 3.8E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24506 MARBELLA AVE | o-Xylene | 1.9E+02 | 5.9E+07 | -- | 3E-06 | -- |
| 24506 MARBELLA AVE | p/m-Xylene | 5.3E+02 | 5.9E+07 | -- | 9E-06 | -- |
| 24506 MARBELLA AVE | Propylbenzene | 1.2E+01 | 6.6E+08 | -- | 2E-08 | -- |
| 24506 MARBELLA AVE | Toluene | 4.0E+02 | 3.7E+09 | -- | 1E-07 | -- |
| 24507 MARBELLA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24507 MARBELLA AVE | Hexane | 4.4E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24507 MARBELLA AVE | Naphthalene | 1.4E+00 | 2.3E+05 | 6.3E+04 | 6E-06 | 2E-10 |
| 24507 MARBELLA AVE | Tetrachloroethene | 1.3E+01 | 5.5E+07 | 6.6E+06 | 2E-07 | 2E-11 |
| 24508 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 1.1E+09 | -- | 9E-09 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24508 NEPTUNE AVE | Ethanol | 2.0E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24508 NEPTUNE AVE | Naphthalene | 2.3E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24508 NEPTUNE AVE | Trichloroethene | 6.9E+00 | 2.0E+06 | 6.7E+06 | 4E-06 | 1E-11 |
| 24508 PANAMA AVE | 1,2,4-Trichlorobenzene | 1.3E+03 | 3.9E+05 | -- | 3E-03 | -- |
| 24508 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.2E+03 | 2.3E+06 | -- | 5E-04 | -- |
| 24508 PANAMA AVE | 1,3,5-Trimethylbenzene | 1.6E+02 | 2.3E+06 | -- | 7E-05 | -- |
| 24508 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24508 PANAMA AVE | 4-Ethyltoluene | 2.4E+02 | 2.5E+07 | -- | 1E-05 | -- |
| 24508 PANAMA AVE | Benzene | 9.9E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 1E-10 |
| 24508 PANAMA AVE | Cumene (Isopropylbenzene) | 1.0E+01 | 1.5E+09 | -- | 7E-09 | -- |
| 24508 PANAMA AVE | Ethanol | 1.7E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24508 PANAMA AVE | Isopropanol | 2.1E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24508 PANAMA AVE | Naphthalene | 1.8E+02 | 2.3E+05 | 6.3E+04 | 8E-04 | 3E-08 |
| 24508 PANAMA AVE | o-Xylene | 8.0E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24508 PANAMA AVE | p/m-Xylene | 7.9E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24508 PANAMA AVE | Propylbenzene | 2.7E+01 | 6.6E+08 | -- | 4E-08 | -- |
| 24508 PANAMA AVE | Toluene | 3.4E+00 | 3.7E+09 | -- | 9E-10 | -- |
| 24508 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24508 RAVENNA AVE | Chloroform | 3.7E+00 | 9.0E+07 | 4.9E+06 | 4E-08 | 8E-12 |
| 24508 RAVENNA AVE | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24508 RAVENNA AVE | Hexane | 4.8E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24508 RAVENNA AVE | Naphthalene | 2.0E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 24509 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.1E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24509 NEPTUNE AVE | Benzene | 4.4E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24509 NEPTUNE AVE | Cumene (Isopropylbenzene) | 2.8E+00 | 1.5E+09 | -- | 2E-09 | -- |
| 24509 NEPTUNE AVE | Ethanol | 2.6E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24509 NEPTUNE AVE | Naphthalene | 2.6E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24509 NEPTUNE AVE | Toluene | 1.3E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24509 PANAMA AVE | Carbon Disulfide | 4.0E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24509 PANAMA AVE | Naphthalene | 3.7E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24509 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24509 RAVENNA AVE | Carbon Disulfide | 5.1E+01 | 1.4E+09 | -- | 4E-08 | -- |
| 24509 RAVENNA AVE | Chloroform | 2.0E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 4E-11 |
| 24509 RAVENNA AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24509 RAVENNA AVE | Naphthalene | 5.1E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24509 RAVENNA AVE | Tetrachloroethene | 1.3E+01 | 5.5E+07 | 6.6E+06 | 2E-07 | 2E-11 |
| 24509 RAVENNA AVE | Toluene | 5.2E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24512 MARBELLA AVE | Chloroform | 2.3E+00 | 9.0E+07 | 4.9E+06 | 3E-08 | 5E-12 |
| 24512 MARBELLA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24512 MARBELLA AVE | Methylene Chloride | 6.2E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 2E-12 |
| 24512 MARBELLA AVE | Naphthalene | 4.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24512 MARBELLA AVE | Toluene | 2.0E+01 | 3.7E+09 | -- | 5E-09 | -- |
| 24512 NEPTUNE AVE | Ethanol | 5.6E+01 | 1.9E+08 | -- | 3E-07 | -- |
| 24512 NEPTUNE AVE | Isopropanol | 1.2E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24512 NEPTUNE AVE | Naphthalene | 4.4E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24512 NEPTUNE AVE | Toluene | 8.4E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24512 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.0E+01 | 1.1E+09 | -- | 4E-08 | -- |
| 24512 PANAMA AVE | 2-Hexanone | 3.3E+00 | 7.9E+06 | -- | 4E-07 | -- |
| 24512 PANAMA AVE | Chloroform | 1.9E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 4E-11 |
| 24512 PANAMA AVE | Ethanol | 1.1E+02 | 1.9E+08 | -- | 6E-07 | -- |
| 24512 PANAMA AVE | Isopropanol | 8.1E+00 | 5.7E+08 | -- | 1E-08 | -- |
| 24512 PANAMA AVE | Naphthalene | 3.0E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24512 PANAMA AVE | p/m-Xylene | 6.6E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24512 PANAMA AVE | Toluene | 5.5E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24512 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.1E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24512 RAVENNA AVE | Ethanol | 5.1E+01 | 1.9E+08 | -- | 3E-07 | -- |
| 24512 RAVENNA AVE | Isopropanol | 1.2E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24512 RAVENNA AVE | Naphthalene | 4.1E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24513 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.9E+00 | 1.1E+09 | -- | 9E-09 | -- |
| 24513 NEPTUNE AVE | Carbon Disulfide | 5.6E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24513 NEPTUNE AVE | Ethanol | 1.0E+01 | 1.9E+08 | -- | 5E-08 | -- |
| 24513 NEPTUNE AVE | Naphthalene | 1.0E+01 | 2.3E+05 | 6.3E+04 | 4E-05 | 2E-09 |
| 24513 NEPTUNE AVE | Toluene | 5.9E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24513 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.0E+01 | 2.3E+06 | -- | 4E-06 | -- |
| 24513 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.5E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24513 PANAMA AVE | 4-Ethyltoluene | 7.7E+00 | 2.5E+07 | -- | 3E-07 | -- |
| 24513 PANAMA AVE | Ethanol | 9.7E+00 | 1.9E+08 | -- | 5E-08 | -- |
| 24513 PANAMA AVE | Naphthalene | 7.0E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24513 PANAMA AVE | o-Xylene | 6.8E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24513 PANAMA AVE | p/m-Xylene | 1.4E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24513 PANAMA AVE | Toluene | 5.0E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24513 RAVENNA AVE | 1,2,4-Trimethylbenzene | 9.7E+00 | 2.3E+06 | -- | 4E-06 | -- |
| 24513 RAVENNA AVE | 1,3-Butadiene | 2.2E+00 | 3.7E+06 | 3.0E+05 | 6E-07 | 7E-11 |
| 24513 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24513 RAVENNA AVE | Benzene | 5.7E+01 | 3.2E+07 | 1.0E+06 | 2E-06 | 6E-10 |
| 24513 RAVENNA AVE | Cumene (Isopropylbenzene) | 6.2E+01 | 1.5E+09 | -- | 4E-08 | -- |
| 24513 RAVENNA AVE | Cyclohexane | 2.8E+01 | 1.8E+10 | -- | 2E-09 | -- |
| 24513 RAVENNA AVE | Ethanol | 1.1E+02 | 1.9E+08 | -- | 6E-07 | -- |
| 24513 RAVENNA AVE | Ethylbenzene | 1.1E+01 | 6.3E+08 | 7.0E+06 | 2E-08 | 2E-11 |
| 24513 RAVENNA AVE | Heptane | 7.5E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 24513 RAVENNA AVE | Hexane | 8.3E+00 | 1.7E+09 | -- | 5E-09 | -- |
| 24513 RAVENNA AVE | Isopropanol | 2.3E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24513 RAVENNA AVE | Naphthalene | 3.0E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24513 RAVENNA AVE | p/m-Xylene | 1.8E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24513 RAVENNA AVE | Toluene | 1.1E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24516 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.4E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24516 MARBELLA AVE | Benzene | 9.2E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 9E-11 |
| 24516 MARBELLA AVE | Carbon Disulfide | 5.0E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24516 MARBELLA AVE | Ethanol | 8.7E+01 | 1.9E+08 | -- | 5E-07 | -- |
| 24516 MARBELLA AVE | Heptane | 6.8E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 24516 MARBELLA AVE | Naphthalene | 1.4E+01 | 2.3E+05 | 6.3E+04 | 6E-05 | 2E-09 |
| 24516 MARBELLA AVE | Toluene | 1.0E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24517 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.0E+01 | 1.1E+09 | -- | 3E-08 | -- |
| 24517 MARBELLA AVE | 2-Hexanone | 4.2E+01 | 7.9E+06 | -- | 5E-06 | -- |
| 24517 MARBELLA AVE | Benzene | 6.4E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24517 MARBELLA AVE | Carbon Disulfide | 4.2E+01 | 1.4E+09 | -- | 3E-08 | -- |
| 24517 MARBELLA AVE | Ethanol | 6.6E+01 | 1.9E+08 | -- | 3E-07 | -- |
| 24517 MARBELLA AVE | Ethylbenzene | 4.9E+00 | 6.3E+08 | 7.0E+06 | 8E-09 | 7E-12 |
| 24517 MARBELLA AVE | Naphthalene | 4.8E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24517 MARBELLA AVE | o-Xylene | 6.5E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24517 MARBELLA AVE | p/m-Xylene | 1.6E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24517 MARBELLA AVE | Tetrachloroethene | 6.6E+01 | 5.5E+07 | 6.6E+06 | 1E-06 | 1E-10 |
| 24517 MARBELLA AVE | Tetrahydrofuran | 8.3E+00 | 4.9E+08 | -- | 2E-08 | -- |
| 24517 MARBELLA AVE | Toluene | 4.5E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24518 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 1.1E+09 | -- | 9E-09 | -- |
| 24518 NEPTUNE AVE | Benzene | 1.8E+01 | 3.2E+07 | 1.0E+06 | 6E-07 | 2E-10 |
| 24518 NEPTUNE AVE | Chloroform | 9.7E+02 | 9.0E+07 | 4.9E+06 | 1E-05 | 2E-09 |
| 24518 NEPTUNE AVE | Cumene (Isopropylbenzene) | 6.0E+00 | 1.5E+09 | -- | 4E-09 | -- |
| 24518 NEPTUNE AVE | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24518 NEPTUNE AVE | Naphthalene | 4.0E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24518 NEPTUNE AVE | Tetrachloroethene | 9.3E+00 | 5.5E+07 | 6.6E+06 | 2E-07 | 1E-11 |
| 24518 NEPTUNE AVE | Tetrahydrofuran | 1.2E+01 | 4.9E+08 | -- | 3E-08 | -- |
| 24518 NEPTUNE AVE | Toluene | 5.2E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24518 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.1E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24518 PANAMA AVE | Bromomethane | 4.7E+00 | 9.5E+06 | -- | 5E-07 | -- |
| 24518 PANAMA AVE | Carbon Disulfide | 3.2E+01 | 1.4E+09 | -- | 2E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24518 PANAMA AVE | Heptane | 5.1E+00 | 2.3E+09 | -- | 2E-09 | -- |
| 24518 PANAMA AVE | Hexane | 6.0E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 24518 PANAMA AVE | Naphthalene | 4.1E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24518 PANAMA AVE | p/m-Xylene | 8.4E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24518 PANAMA AVE | Toluene | 6.8E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24518 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24518 RAVENNA AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24518 RAVENNA AVE | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24518 RAVENNA AVE | Naphthalene | 7.9E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24518 RAVENNA AVE | Tetrachloroethene | 3.7E+01 | 5.5E+07 | 6.6E+06 | 7E-07 | 6E-11 |
| 24518 RAVENNA AVE | Toluene | 1.0E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24519 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24519 NEPTUNE AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24519 NEPTUNE AVE | Methylene Chloride | 4.3E+00 | 6.1E+08 | 2.8E+07 | 7E-09 | 2E-12 |
| 24519 NEPTUNE AVE | Naphthalene | 3.9E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24519 PANAMA AVE | 1,4-Dioxane | 1.6E+00 | 1.3E+08 | 1.6E+05 | 1E-08 | 1E-10 |
| 24519 PANAMA AVE | Chloroform | 9.3E+00 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24519 PANAMA AVE | Isopropanol | 4.0E+00 | 5.7E+08 | -- | 7E-09 | -- |
| 24519 PANAMA AVE | Naphthalene | 4.6E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24519 PANAMA AVE | Toluene | 1.8E+01 | 3.7E+09 | -- | 5E-09 | -- |
| 24522 MARBELLA AVE | 1,4-Dioxane | 2.7E+01 | 1.3E+08 | 1.6E+05 | 2E-07 | 2E-09 |
| 24522 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.4E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24522 MARBELLA AVE | Benzene | 1.3E+01 | 3.2E+07 | 1.0E+06 | 4E-07 | 1E-10 |
| 24522 MARBELLA AVE | Bromomethane | 6.5E+00 | 9.5E+06 | -- | 7E-07 | -- |
| 24522 MARBELLA AVE | Ethanol | 1.8E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24522 MARBELLA AVE | Ethylbenzene | 1.1E+01 | 6.3E+08 | 7.0E+06 | 2E-08 | 2E-11 |
| 24522 MARBELLA AVE | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24522 MARBELLA AVE | Naphthalene | 5.7E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 9E-10 |
| 24522 MARBELLA AVE | p/m-Xylene | 1.9E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24522 MARBELLA AVE | Toluene | 2.3E+01 | 3.7E+09 | -- | 6E-09 | -- |
| 24522 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.8E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24522 NEPTUNE AVE | 4-Ethyltoluene | 7.2E+00 | 2.5E+07 | -- | 3E-07 | -- |
| 24522 NEPTUNE AVE | Bromomethane | 1.0E+01 | 9.5E+06 | -- | 1E-06 | -- |
| 24522 NEPTUNE AVE | Carbon Disulfide | 1.1E+01 | 1.4E+09 | -- | 8E-09 | -- |
| 24522 NEPTUNE AVE | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24522 NEPTUNE AVE | Isopropanol | 2.1E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24522 NEPTUNE AVE | Naphthalene | 2.3E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24522 NEPTUNE AVE | Tetrahydrofuran | 3.9E+00 | 4.9E+08 | -- | 8E-09 | -- |
| 24522 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24522 PANAMA AVE | Chloroform | 3.4E+01 | 9.0E+07 | 4.9E+06 | 4E-07 | 7E-11 |
| 24522 PANAMA AVE | Ethanol | 1.0E+01 | 1.9E+08 | -- | 5E-08 | -- |
| 24522 PANAMA AVE | Hexane | 6.0E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 24522 PANAMA AVE | Isopropanol | 1.1E+02 | 5.7E+08 | -- | 2E-07 | -- |
| 24522 PANAMA AVE | Naphthalene | 1.6E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 3E-10 |
| 24522 PANAMA AVE | Toluene | 1.2E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24522 RAVENNA AVE | Bromodichloromethane | 2.9E+01 | 7.2E+07 | 7.8E+05 | 4E-07 | 4E-10 |
| 24522 RAVENNA AVE | Chloroform | 2.1E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 4E-11 |
| 24522 RAVENNA AVE | Heptane | 5.1E+00 | 2.3E+09 | -- | 2E-09 | -- |
| 24522 RAVENNA AVE | Hexane | 5.5E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24522 RAVENNA AVE | Isopropanol | 3.1E+01 | 5.7E+08 | -- | 6E-08 | -- |
| 24522 RAVENNA AVE | Naphthalene | 1.3E+00 | 2.3E+05 | 6.3E+04 | 6E-06 | 2E-10 |
| 24523 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.3E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 24523 MARBELLA AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24523 MARBELLA AVE | Naphthalene | 8.5E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 1E-09 |
| 24523 MARBELLA AVE | p/m-Xylene | 5.4E+00 | 5.9E+07 | -- | 9E-08 | -- |
| 24523 MARBELLA AVE | Tetrachloroethene | 1.9E+02 | 5.5E+07 | 6.6E+06 | 3E-06 | 3E-10 |
| 24523 MARBELLA AVE | Toluene | 7.9E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24523 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.0E+01 | 1.1E+09 | -- | 2E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24523 NEPTUNE AVE | 2-Hexanone | 2.2E+00 | 7.9E+06 | -- | 3E-07 | -- |
| 24523 NEPTUNE AVE | Ethanol | 1.4E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24523 NEPTUNE AVE | Hexane | 4.1E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24523 NEPTUNE AVE | Naphthalene | 3.7E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24523 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.0E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24523 RAVENNA AVE | 2-Hexanone | 1.0E+00 | 7.9E+06 | -- | 1E-07 | -- |
| 24523 RAVENNA AVE | Benzene | 2.6E+01 | 3.2E+07 | 1.0E+06 | 8E-07 | 3E-10 |
| 24523 RAVENNA AVE | Bromodichloromethane | 1.2E+01 | 7.2E+07 | 7.8E+05 | 2E-07 | 2E-10 |
| 24523 RAVENNA AVE | Chloroform | 6.8E+02 | 9.0E+07 | 4.9E+06 | 8E-06 | 1E-09 |
| 24523 RAVENNA AVE | Cumene (Isopropylbenzene) | 1.6E+01 | 1.5E+09 | -- | 1E-08 | -- |
| 24523 RAVENNA AVE | Cyclohexane | 3.2E+01 | 1.8E+10 | -- | 2E-09 | -- |
| 24523 RAVENNA AVE | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24523 RAVENNA AVE | Isopropanol | 9.5E-01 | 5.7E+08 | -- | 2E-09 | -- |
| 24523 RAVENNA AVE | Methylene Chloride | 4.2E+00 | 6.1E+08 | 2.8E+07 | 7E-09 | 2E-12 |
| 24523 RAVENNA AVE | Naphthalene | 8.9E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 1E-09 |
| 24523 RAVENNA AVE | Trichloroethene | 2.6E+01 | 2.0E+06 | 6.7E+06 | 1E-05 | 4E-11 |
| 24526 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.2E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24526 MARBELLA AVE | Benzene | 6.5E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24526 MARBELLA AVE | Ethanol | 1.9E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24526 MARBELLA AVE | Naphthalene | 2.7E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24526 MARBELLA AVE | Toluene | 5.2E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24528 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.5E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24528 NEPTUNE AVE | Chloroform | 6.0E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24528 NEPTUNE AVE | Ethanol | 2.7E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24528 NEPTUNE AVE | Heptane | 4.9E+00 | 2.3E+09 | -- | 2E-09 | -- |
| 24528 NEPTUNE AVE | Hexane | 4.0E+00 | 1.7E+09 | -- | 2E-09 | -- |
| 24528 NEPTUNE AVE | Naphthalene | 1.0E+01 | 2.3E+05 | 6.3E+04 | 4E-05 | 2E-09 |
| 24528 NEPTUNE AVE | p/m-Xylene | 4.7E+00 | 5.9E+07 | -- | 8E-08 | -- |
| 24528 NEPTUNE AVE | Tetrachloroethene | 1.1E+01 | 5.5E+07 | 6.6E+06 | 2E-07 | 2E-11 |
| 24528 NEPTUNE AVE | Tetrahydrofuran | 2.1E+01 | 4.9E+08 | -- | 4E-08 | -- |
| 24528 PANAMA AVE | Naphthalene | 4.0E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24529 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 5.2E+00 | 2.3E+06 | -- | 2E-06 | -- |
| 24529 NEPTUNE AVE | 1,4-Dioxane | 2.2E+01 | 1.3E+08 | 1.6E+05 | 2E-07 | 1E-09 |
| 24529 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.8E+01 | 1.1E+09 | -- | 3E-08 | -- |
| 24529 NEPTUNE AVE | Bromodichloromethane | 1.4E+01 | 7.2E+07 | 7.8E+05 | 2E-07 | 2E-10 |
| 24529 NEPTUNE AVE | Chloroform | 5.7E+01 | 9.0E+07 | 4.9E+06 | 6E-07 | 1E-10 |
| 24529 NEPTUNE AVE | Ethanol | 1.8E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24529 NEPTUNE AVE | Naphthalene | 7.7E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24529 NEPTUNE AVE | p/m-Xylene | 3.7E+00 | 5.9E+07 | -- | 6E-08 | -- |
| 24529 NEPTUNE AVE | Tetrachloroethene | 8.2E+01 | 5.5E+07 | 6.6E+06 | 2E-06 | 1E-10 |
| 24529 NEPTUNE AVE | Tetrahydrofuran | 1.6E+01 | 4.9E+08 | -- | 3E-08 | -- |
| 24529 PANAMA AVE | 1,4-Dioxane | 1.9E+00 | 1.3E+08 | 1.6E+05 | 1E-08 | 1E-10 |
| 24529 PANAMA AVE | Naphthalene | 1.5E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 2E-10 |
| 24529 PANAMA AVE | Toluene | 5.1E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24529 RAVENNA AVE | Chloroform | 1.7E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 4E-11 |
| 24529 RAVENNA AVE | Isopropanol | 5.7E+00 | 5.7E+08 | -- | 1E-08 | -- |
| 24529 RAVENNA AVE | Naphthalene | 4.2E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24529 RAVENNA AVE | p/m-Xylene | 5.0E+00 | 5.9E+07 | -- | 8E-08 | -- |
| 24529 RAVENNA AVE | Tetrachloroethene | 9.5E+00 | 5.5E+07 | 6.6E+06 | 2E-07 | 1E-11 |
| 24532 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.7E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 24532 MARBELLA AVE | 2-Hexanone | 8.9E-01 | 7.9E+06 | -- | 1E-07 | -- |
| 24532 MARBELLA AVE | Benzene | 1.2E+01 | 3.2E+07 | 1.0E+06 | 4E-07 | 1E-10 |
| 24532 MARBELLA AVE | Bromodichloromethane | 9.2E-01 | 7.2E+07 | 7.8E+05 | 1E-08 | 1E-11 |
| 24532 MARBELLA AVE | Carbon Disulfide | 4.9E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24532 MARBELLA AVE | Chloroform | 6.5E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24532 MARBELLA AVE | Cumene (Isopropylbenzene) | 1.9E+00 | 1.5E+09 | -- | 1E-09 | -- |
| 24532 MARBELLA AVE | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24532 MARBELLA AVE | Isopropanol | 8.7E+00 | 5.7E+08 | -- | 2E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24532 MARBELLA AVE | Naphthalene | 1.2E+00 | 2.3E+05 | 6.3E+04 | 5E-06 | 2E-10 |
| 24532 MARBELLA AVE | Tetrachloroethene | 3.5E+00 | 5.5E+07 | 6.6E+06 | 6E-08 | 5E-12 |
| 24532 MARBELLA AVE | Toluene | 1.9E+00 | 3.7E+09 | -- | 5E-10 | -- |
| 24532 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.2E+01 | 2.3E+06 | -- | 5E-06 | -- |
| 24532 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24532 NEPTUNE AVE | 4-Ethyltoluene | 1.6E+01 | 2.5E+07 | -- | 7E-07 | -- |
| 24532 NEPTUNE AVE | Benzene | 2.8E+01 | 3.2E+07 | 1.0E+06 | 9E-07 | 3E-10 |
| 24532 NEPTUNE AVE | Cyclohexane | 4.2E+01 | 1.8E+10 | -- | 2E-09 | -- |
| 24532 NEPTUNE AVE | Ethanol | 1.3E+02 | 1.9E+08 | -- | 7E-07 | -- |
| 24532 NEPTUNE AVE | Ethylbenzene | 1.4E+01 | 6.3E+08 | 7.0E+06 | 2E-08 | 2E-11 |
| 24532 NEPTUNE AVE | Heptane | 1.1E+01 | 2.3E+09 | -- | 5E-09 | -- |
| 24532 NEPTUNE AVE | Hexane | 6.5E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 24532 NEPTUNE AVE | Isopropanol | 8.5E+01 | 5.7E+08 | -- | 2E-07 | -- |
| 24532 NEPTUNE AVE | Methyl-tert-Butyl Ether | 1.0E+01 | 1.8E+09 | 6.5E+07 | 6E-09 | 2E-12 |
| 24532 NEPTUNE AVE | Naphthalene | 4.6E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24532 NEPTUNE AVE | o-Xylene | 1.8E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24532 NEPTUNE AVE | p/m-Xylene | 5.3E+01 | 5.9E+07 | -- | 9E-07 | -- |
| 24532 NEPTUNE AVE | Toluene | 1.1E+02 | 3.7E+09 | -- | 3E-08 | -- |
| 24532 PANAMA AVE | Chloroform | 6.1E+01 | 9.0E+07 | 4.9E+06 | 7E-07 | 1E-10 |
| 24532 PANAMA AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24532 PANAMA AVE | Isopropanol | 6.3E+00 | 5.7E+08 | -- | 1E-08 | -- |
| 24532 PANAMA AVE | Naphthalene | 5.7E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 9E-10 |
| 24532 RAVENNA AVE | 1,4-Dichlorobenzene | 1.6E+01 | 2.3E+08 | 7.2E+05 | 7E-08 | 2E-10 |
| 24532 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.3E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24532 RAVENNA AVE | Carbon Disulfide | 4.3E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24532 RAVENNA AVE | Ethanol | 2.1E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24532 RAVENNA AVE | Isopropanol | 1.3E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24532 RAVENNA AVE | Naphthalene | 2.6E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24533 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.5E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24533 MARBELLA AVE | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24533 MARBELLA AVE | Naphthalene | 9.7E-01 | 2.3E+05 | 6.3E+04 | 4E-06 | 2E-10 |
| 24533 MARBELLA AVE | Tetrachloroethene | 2.3E+01 | 5.5E+07 | 6.6E+06 | 4E-07 | 4E-11 |
| 24533 MARBELLA AVE | Tetrahydrofuran | 4.5E+00 | 4.9E+08 | -- | 9E-09 | -- |
| 24533 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24533 NEPTUNE AVE | Chloroform | 8.9E+01 | 9.0E+07 | 4.9E+06 | 1E-06 | 2E-10 |
| 24533 NEPTUNE AVE | Naphthalene | 1.4E+00 | 2.3E+05 | 6.3E+04 | 6E-06 | 2E-10 |
| 24533 PANAMA AVE | Naphthalene | 2.9E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24533 RAVENNA AVE | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24533 RAVENNA AVE | Heptane | 9.4E+00 | 2.3E+09 | -- | 4E-09 | -- |
| 24533 RAVENNA AVE | Hexane | 1.2E+01 | 1.7E+09 | -- | 7E-09 | -- |
| 24533 RAVENNA AVE | Isopropanol | 1.8E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24533 RAVENNA AVE | Naphthalene | 8.2E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 1E-09 |
| 24533 RAVENNA AVE | Tetrahydrofuran | 6.3E+00 | 4.9E+08 | -- | 1E-08 | -- |
| 24602 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.1E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24602 MARBELLA AVE | Benzene | 3.6E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24602 MARBELLA AVE | Chloroform | 1.4E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 3E-11 |
| 24602 MARBELLA AVE | Cyclohexane | 4.2E+00 | 1.8E+10 | -- | 2E-10 | -- |
| 24602 MARBELLA AVE | Isopropanol | 9.6E+00 | 5.7E+08 | -- | 2E-08 | -- |
| 24602 MARBELLA AVE | Naphthalene | 1.5E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 2E-10 |
| 24602 MARBELLA AVE | Toluene | 3.2E+01 | 3.7E+09 | -- | 9E-09 | -- |
| 24602 NEPTUNE AVE | 1,4-Dioxane | 1.2E+02 | 1.3E+08 | 1.6E+05 | 9E-07 | 7E-09 |
| 24602 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.5E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 24602 NEPTUNE AVE | Benzene | 9.2E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 9E-11 |
| 24602 NEPTUNE AVE | Ethanol | 1.0E+01 | 1.9E+08 | -- | 5E-08 | -- |
| 24602 NEPTUNE AVE | Naphthalene | 1.6E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 3E-10 |
| 24602 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.9E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24602 PANAMA AVE | Ethanol | 8.3E+01 | 1.9E+08 | -- | 4E-07 | -- |
| 24602 PANAMA AVE | Isopropanol | 4.0E+01 | 5.7E+08 | -- | 7E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24602 PANAMA AVE | Naphthalene | 5.6E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 9E-10 |
| 24602 RAVENNA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24602 RAVENNA AVE | Hexane | 5.5E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24602 RAVENNA AVE | Naphthalene | 5.0E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24602 RAVENNA AVE | Tetrachloroethene | 1.4E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 2E-11 |
| 24603 MARBELLA AVE | 1,2,4-Trimethylbenzene | 2.2E+03 | 2.3E+06 | -- | 1E-03 | -- |
| 24603 MARBELLA AVE | 1,3,5-Trimethylbenzene | 1.0E+03 | 2.3E+06 | -- | 4E-04 | -- |
| 24603 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.4E+01 | 1.1E+09 | -- | 6E-08 | -- |
| 24603 MARBELLA AVE | 4-Ethyltoluene | 1.3E+03 | 2.5E+07 | -- | 5E-05 | -- |
| 24603 MARBELLA AVE | Benzene | 4.5E+03 | 3.2E+07 | 1.0E+06 | 1E-04 | 4E-08 |
| 24603 MARBELLA AVE | Bromodichloromethane | 1.6E+01 | 7.2E+07 | 7.8E+05 | 2E-07 | 2E-10 |
| 24603 MARBELLA AVE | Chloroform | 1.4E+02 | 9.0E+07 | 4.9E+06 | 2E-06 | 3E-10 |
| 24603 MARBELLA AVE | Cumene (Isopropylbenzene) | 4.0E+01 | 1.5E+09 | -- | 3E-08 | -- |
| 24603 MARBELLA AVE | Cyclohexane | 6.4E+01 | 1.8E+10 | -- | 4E-09 | -- |
| 24603 MARBELLA AVE | Ethanol | 2.5E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24603 MARBELLA AVE | Ethylbenzene | 1.1E+03 | 6.3E+08 | 7.0E+06 | 2E-06 | 2E-09 |
| 24603 MARBELLA AVE | Heptane | 4.0E+02 | 2.3E+09 | -- | 2E-07 | -- |
| 24603 MARBELLA AVE | Hexane | 5.2E+02 | 1.7E+09 | -- | 3E-07 | -- |
| 24603 MARBELLA AVE | Naphthalene | 1.3E+01 | 2.3E+05 | 6.3E+04 | 6E-05 | 2E-09 |
| 24603 MARBELLA AVE | o-Xylene | 4.2E+01 | 5.9E+07 | -- | 7E-07 | -- |
| 24603 MARBELLA AVE | p/m-Xylene | 5.2E+03 | 5.9E+07 | -- | 9E-05 | -- |
| 24603 MARBELLA AVE | Propylbenzene | 2.8E+02 | 6.6E+08 | -- | 4E-07 | -- |
| 24603 MARBELLA AVE | Tetrachloroethene | 1.4E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 2E-11 |
| 24603 MARBELLA AVE | Toluene | 7.0E+02 | 3.7E+09 | -- | 2E-07 | -- |
| 24603 NEPTUNE AVE | Naphthalene | 2.2E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24603 NEPTUNE AVE | Toluene | 6.1E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24603 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.5E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24603 PANAMA AVE | Carbon Disulfide | 4.8E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24603 PANAMA AVE | Chloroform | 1.7E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 4E-11 |
| 24603 PANAMA AVE | Heptane | 1.4E+01 | 2.3E+09 | -- | 6E-09 | -- |
| 24603 PANAMA AVE | Naphthalene | 5.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 9E-10 |
| 24603 PANAMA AVE | Tetrahydrofuran | 1.5E+01 | 4.9E+08 | -- | 3E-08 | -- |
| 24603 PANAMA AVE | Toluene | 6.8E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24603 PANAMA AVE | Trichloroethene | 3.1E+01 | 2.0E+06 | 6.7E+06 | 2E-05 | 5E-11 |
| 24603 RAVENNA AVE | 1,2,4-Trimethylbenzene | 1.0E+01 | 2.3E+06 | -- | 4E-06 | -- |
| 24603 RAVENNA AVE | 2,2,4-Trimethylpentane | 2.1E+00 | 6.5E+08 | -- | 3E-09 | -- |
| 24603 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.0E+01 | 1.1E+09 | -- | 4E-08 | -- |
| 24603 RAVENNA AVE | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24603 RAVENNA AVE | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24603 RAVENNA AVE | Naphthalene | 4.8E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24603 RAVENNA AVE | p/m-Xylene | 9.9E+00 | 5.9E+07 | -- | 2E-07 | -- |
| 24603 RAVENNA AVE | Toluene | 8.7E+01 | 3.7E+09 | -- | 2E-08 | -- |
| 24606 MARBELLA AVE | 1,2,4-Trimethylbenzene | 4.0E+00 | 2.3E+06 | -- | 2E-06 | -- |
| 24606 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24606 MARBELLA AVE | Carbon Disulfide | 7.0E+00 | 1.4E+09 | -- | 5E-09 | -- |
| 24606 MARBELLA AVE | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24606 MARBELLA AVE | Naphthalene | 5.2E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24606 MARBELLA AVE | p/m-Xylene | 3.9E+00 | 5.9E+07 | -- | 7E-08 | -- |
| 24606 MARBELLA AVE | Tetrachloroethene | 8.6E+00 | 5.5E+07 | 6.6E+06 | 2E-07 | 1E-11 |
| 24606 MARBELLA AVE | Toluene | 1.4E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24607 MARBELLA AVE | 1,4-Dioxane | 5.4E+01 | 1.3E+08 | 1.6E+05 | 4E-07 | 3E-09 |
| 24607 MARBELLA AVE | Chloroform | 1.5E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 3E-11 |
| 24607 MARBELLA AVE | Isopropanol | 2.3E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24607 MARBELLA AVE | Naphthalene | 7.0E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24608 NEPTUNE AVE | 2,2,4-Trimethylpentane | 1.3E+01 | 6.5E+08 | -- | 2E-08 | -- |
| 24608 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.6E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 24608 NEPTUNE AVE | Benzene | 5.3E+01 | 3.2E+07 | 1.0E+06 | 2E-06 | 5E-10 |
| 24608 NEPTUNE AVE | Carbon Disulfide | 6.0E+00 | 1.4E+09 | -- | 4E-09 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24608 NEPTUNE AVE | Chloroform | 5.2E+01 | 9.0E+07 | 4.9E+06 | 6E-07 | 1E-10 |
| 24608 NEPTUNE AVE | Cyclohexane | 4.1E+00 | 1.8E+10 | -- | 2E-10 | -- |
| 24608 NEPTUNE AVE | Ethanol | 1.7E+02 | 1.9E+08 | -- | 9E-07 | -- |
| 24608 NEPTUNE AVE | Heptane | 1.1E+01 | 2.3E+09 | -- | 5E-09 | -- |
| 24608 NEPTUNE AVE | Hexane | 1.5E+01 | 1.7E+09 | -- | 9E-09 | -- |
| 24608 NEPTUNE AVE | Isopropanol | 3.7E+01 | 5.7E+08 | -- | 7E-08 | -- |
| 24608 NEPTUNE AVE | Methylene Chloride | 7.5E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 3E-12 |
| 24608 NEPTUNE AVE | Naphthalene | 3.6E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24608 NEPTUNE AVE | Toluene | 3.1E+01 | 3.7E+09 | -- | 8E-09 | -- |
| 24608 PANAMA AVE | 1,2,4-Trimethylbenzene | 7.5E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24608 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.5E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24608 PANAMA AVE | Benzene | 9.6E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 9E-11 |
| 24608 PANAMA AVE | Bromodichloromethane | 1.2E+01 | 7.2E+07 | 7.8E+05 | 2E-07 | 2E-10 |
| 24608 PANAMA AVE | Chloroform | 1.1E+03 | 9.0E+07 | 4.9E+06 | 1E-05 | 2E-09 |
| 24608 PANAMA AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24608 PANAMA AVE | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24608 PANAMA AVE | Naphthalene | 1.6E+01 | 2.3E+05 | 6.3E+04 | 7E-05 | 3E-09 |
| 24608 PANAMA AVE | Tetrachloroethene | 9.8E+01 | 5.5E+07 | 6.6E+06 | 2E-06 | 2E-10 |
| 24608 PANAMA AVE | Toluene | 1.4E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24608 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.2E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 24608 RAVENNA AVE | Benzene | 2.1E+01 | 3.2E+07 | 1.0E+06 | 7E-07 | 2E-10 |
| 24608 RAVENNA AVE | Carbon Disulfide | 7.2E+01 | 1.4E+09 | -- | 5E-08 | -- |
| 24608 RAVENNA AVE | Chloroform | 1.3E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 3E-11 |
| 24608 RAVENNA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24608 RAVENNA AVE | Naphthalene | 2.1E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 24608 RAVENNA AVE | Toluene | 3.3E+00 | 3.7E+09 | -- | 9E-10 | -- |
| 24608 RAVENNA AVE | trans-1,3-Dichloropropene | 8.4E+00 | 4.4E+07 | 3.9E+06 | 2E-07 | 2E-11 |
| 24609 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.1E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24609 NEPTUNE AVE | Benzene | 5.2E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 24609 NEPTUNE AVE | Carbon Disulfide | 6.7E+00 | 1.4E+09 | -- | 5E-09 | -- |
| 24609 NEPTUNE AVE | Carbon Tetrachloride | 2.1E+01 | 1.6E+08 | 1.1E+06 | 1E-07 | 2E-10 |
| 24609 NEPTUNE AVE | Chloroform | 6.4E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24609 NEPTUNE AVE | Ethanol | 7.7E+01 | 1.9E+08 | -- | 4E-07 | -- |
| 24609 NEPTUNE AVE | Isopropanol | 3.3E+01 | 5.7E+08 | -- | 6E-08 | -- |
| 24609 NEPTUNE AVE | Naphthalene | 2.1E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 24609 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.8E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 24609 PANAMA AVE | Benzene | 5.7E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24609 PANAMA AVE | Bromomethane | 1.0E+01 | 9.5E+06 | -- | 1E-06 | -- |
| 24609 PANAMA AVE | Carbon Disulfide | 6.0E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24609 PANAMA AVE | Carbon Tetrachloride | 9.9E+01 | 1.6E+08 | 1.1E+06 | 6E-07 | 9E-10 |
| 24609 PANAMA AVE | Chloroform | 2.9E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 6E-11 |
| 24609 PANAMA AVE | Ethanol | 5.4E+01 | 1.9E+08 | -- | 3E-07 | -- |
| 24609 PANAMA AVE | Isopropanol | 1.3E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24609 PANAMA AVE | Naphthalene | 3.0E+01 | 2.3E+05 | 6.3E+04 | 1E-04 | 5E-09 |
| 24609 PANAMA AVE | Tetrachloroethene | 3.9E+01 | 5.5E+07 | 6.6E+06 | 7E-07 | 6E-11 |
| 24609 PANAMA AVE | Toluene | 1.2E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24609 RAVENNA AVE | Carbon Disulfide | 5.2E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24609 RAVENNA AVE | Ethanol | 1.8E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24609 RAVENNA AVE | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24609 RAVENNA AVE | Naphthalene | 2.3E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24612 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24612 MARBELLA AVE | Bromodichloromethane | 1.6E+01 | 7.2E+07 | 7.8E+05 | 2E-07 | 2E-10 |
| 24612 MARBELLA AVE | Chloroform | 3.2E+01 | 9.0E+07 | 4.9E+06 | 4E-07 | 7E-11 |
| 24612 MARBELLA AVE | Ethanol | 2.6E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24612 NEPTUNE AVE | 2,2,4-Trimethylpentane | 7.6E+00 | 6.5E+08 | -- | 1E-08 | -- |
| 24612 NEPTUNE AVE | Chloroform | 6.4E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24612 NEPTUNE AVE | Hexane | 5.7E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24612 NEPTUNE AVE | Isopropanol | 2.1E+01 | 5.7E+08 | -- | 4E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24612 NEPTUNE AVE | Methylene Chloride | 4.5E+00 | 6.1E+08 | 2.8E+07 | 7E-09 | 2E-12 |
| 24612 NEPTUNE AVE | Naphthalene | 2.0E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 24612 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24612 PANAMA AVE | Chloroform | 1.0E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24612 PANAMA AVE | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24612 PANAMA AVE | Hexane | 6.7E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 24612 PANAMA AVE | Naphthalene | 2.0E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 24612 PANAMA AVE | Toluene | 2.6E+02 | 3.7E+09 | -- | 7E-08 | -- |
| 24612 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.9E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24612 RAVENNA AVE | Chloroform | 8.6E+00 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24612 RAVENNA AVE | Ethanol | 8.9E+00 | 1.9E+08 | -- | 5E-08 | -- |
| 24612 RAVENNA AVE | Naphthalene | 5.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 9E-10 |
| 24612 RAVENNA AVE | Toluene | 5.3E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24613 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.8E+00 | 1.1E+09 | -- | 9E-09 | -- |
| 24613 MARBELLA AVE | 2-Hexanone | 2.5E+00 | 7.9E+06 | -- | 3E-07 | -- |
| 24613 MARBELLA AVE | Carbon Disulfide | 1.0E+02 | 1.4E+09 | -- | 7E-08 | -- |
| 24613 MARBELLA AVE | Ethanol | 2.8E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24613 MARBELLA AVE | Ethylbenzene | 3.2E+01 | 6.3E+08 | 7.0E+06 | 5E-08 | 5E-11 |
| 24613 MARBELLA AVE | Heptane | 5.0E+00 | 2.3E+09 | -- | 2E-09 | -- |
| 24613 MARBELLA AVE | Hexane | 5.7E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24613 MARBELLA AVE | Methylene Chloride | 4.0E+00 | 6.1E+08 | 2.8E+07 | 7E-09 | 1E-12 |
| 24613 MARBELLA AVE | Naphthalene | 2.2E+01 | 2.3E+05 | 6.3E+04 | 1E-04 | 4E-09 |
| 24613 MARBELLA AVE | Propylbenzene | 1.4E+01 | 6.6E+08 | -- | 2E-08 | -- |
| 24613 NEPTUNE AVE | 1,4-Dioxane | 7.9E+01 | 1.3E+08 | 1.6E+05 | 6E-07 | 5E-09 |
| 24613 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24613 NEPTUNE AVE | Benzene | 4.7E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 24613 NEPTUNE AVE | Carbon Disulfide | 1.5E+02 | 1.4E+09 | -- | 1E-07 | -- |
| 24613 NEPTUNE AVE | Chloroform | 1.1E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24613 NEPTUNE AVE | Naphthalene | 1.9E+00 | 2.3E+05 | 6.3E+04 | 8E-06 | 3E-10 |
| 24613 PANAMA AVE | 1,2-Dichloroethane | 4.9E+00 | 4.4E+06 | 8.5E+05 | 1E-06 | 6E-11 |
| 24613 PANAMA AVE | 1,4-Dioxane | 4.7E+01 | 1.3E+08 | 1.6E+05 | 4E-07 | 3E-09 |
| 24613 PANAMA AVE | 2,2,4-Trimethylpentane | 5.6E+00 | 6.5E+08 | -- | 9E-09 | -- |
| 24613 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24613 PANAMA AVE | Benzene | 6.6E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 24613 PANAMA AVE | Bromomethane | 6.0E+00 | 9.5E+06 | -- | 6E-07 | -- |
| 24613 PANAMA AVE | Carbon Disulfide | 2.3E+02 | 1.4E+09 | -- | 2E-07 | -- |
| 24613 PANAMA AVE | Chloroform | 6.4E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24613 PANAMA AVE | Ethanol | 6.5E+01 | 1.9E+08 | -- | 3E-07 | -- |
| 24613 PANAMA AVE | Heptane | 1.6E+01 | 2.3E+09 | -- | 7E-09 | -- |
| 24613 PANAMA AVE | Hexane | 1.4E+01 | 1.7E+09 | -- | 9E-09 | -- |
| 24613 PANAMA AVE | Isopropanol | 1.3E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24613 PANAMA AVE | Methylene Chloride | 5.6E+01 | 6.1E+08 | 2.8E+07 | 9E-08 | 2E-11 |
| 24613 PANAMA AVE | Naphthalene | 4.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24613 PANAMA AVE | Tetrachloroethene | 1.9E+02 | 5.5E+07 | 6.6E+06 | 3E-06 | 3E-10 |
| 24613 PANAMA AVE | Tetrahydrofuran | 1.1E+01 | 4.9E+08 | -- | 2E-08 | -- |
| 24613 RAVENNA AVE | 1,2,4-Trimethylbenzene | 1.3E+01 | 2.3E+06 | -- | 6E-06 | -- |
| 24613 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 1.1E+09 | -- | 9E-09 | -- |
| 24613 RAVENNA AVE | 4-Ethyltoluene | 1.0E+01 | 2.5E+07 | -- | 4E-07 | -- |
| 24613 RAVENNA AVE | Benzene | 4.2E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24613 RAVENNA AVE | Carbon Disulfide | 5.8E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24613 RAVENNA AVE | Chloroform | 3.8E+00 | 9.0E+07 | 4.9E+06 | 4E-08 | 8E-12 |
| 24613 RAVENNA AVE | cis-1,2-Dichloroethene | 2.1E+01 | 8.3E+06 | -- | 3E-06 | -- |
| 24613 RAVENNA AVE | Cumene (Isopropylbenzene) | 3.0E+00 | 1.5E+09 | -- | 2E-09 | -- |
| 24613 RAVENNA AVE | Ethanol | 2.4E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24613 RAVENNA AVE | Ethylbenzene | 7.6E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |
| 24613 RAVENNA AVE | Heptane | 1.0E+01 | 2.3E+09 | -- | 4E-09 | -- |
| 24613 RAVENNA AVE | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24613 RAVENNA AVE | Naphthalene | 2.8E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24613 RAVENNA AVE | o-Xylene | 1.1E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24613 RAVENNA AVE | p/m-Xylene | 2.7E+01 | 5.9E+07 | -- | 5E-07 | -- |
| 24613 RAVENNA AVE | Tetrachloroethene | 4.5E+01 | 5.5E+07 | 6.6E+06 | 8E-07 | 7E-11 |
| 24613 RAVENNA AVE | Toluene | 3.5E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24616 MARBELLA AVE | 1,4-Dichlorobenzene | 8.4E+00 | 2.3E+08 | 7.2E+05 | 4E-08 | 1E-10 |
| 24616 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.2E+01 | 1.1E+09 | -- | 5E-08 | -- |
| 24616 MARBELLA AVE | Bromodichloromethane | 3.7E+02 | 7.2E+07 | 7.8E+05 | 5E-06 | 5E-09 |
| 24616 MARBELLA AVE | Carbon Disulfide | 4.2E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24616 MARBELLA AVE | Chloroform | 1.9E+02 | 9.0E+07 | 4.9E+06 | 2E-06 | 4E-10 |
| 24616 MARBELLA AVE | Dibromochloromethane | 1.1E+02 | 6.0E+07 | 8.8E+05 | 2E-06 | 1E-09 |
| 24616 MARBELLA AVE | Ethanol | 3.3E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24616 MARBELLA AVE | Naphthalene | 9.6E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 2E-09 |
| 24616 MARBELLA AVE | Tetrachloroethene | 9.4E+00 | 5.5E+07 | 6.6E+06 | 2E-07 | 1E-11 |
| 24616 MARBELLA AVE | Tetrahydrofuran | 8.4E+00 | 4.9E+08 | -- | 2E-08 | -- |
| 24616 MARBELLA AVE | Toluene | 7.2E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24616 MARBELLA AVE | trans-1,3-Dichloropropene | 7.4E+00 | 4.4E+07 | 3.9E+06 | 2E-07 | 2E-11 |
| 24616 MARBELLA AVE | Trichloroethene | 6.8E+01 | 2.0E+06 | 6.7E+06 | 3E-05 | 1E-10 |
| 24617 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.0E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 24617 MARBELLA AVE | Carbon Disulfide | 6.8E+00 | 1.4E+09 | -- | 5E-09 | -- |
| 24617 MARBELLA AVE | Ethanol | 2.2E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24617 MARBELLA AVE | Naphthalene | 4.7E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24617 MARBELLA AVE | Tetrachloroethene | 3.9E+01 | 5.5E+07 | 6.6E+06 | 7E-07 | 6E-11 |
| 24617 MARBELLA AVE | Toluene | 5.5E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24618 NEPTUNE AVE | 2,2,4-Trimethylpentane | 1.2E+01 | 6.5E+08 | -- | 2E-08 | -- |
| 24618 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.5E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 24618 NEPTUNE AVE | Benzene | 7.0E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 24618 NEPTUNE AVE | Carbon Disulfide | 1.8E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 24618 NEPTUNE AVE | Chloroform | 2.4E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 5E-11 |
| 24618 NEPTUNE AVE | Ethanol | 7.7E+01 | 1.9E+08 | -- | 4E-07 | -- |
| 24618 NEPTUNE AVE | Naphthalene | 2.4E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24618 NEPTUNE AVE | p/m-Xylene | 6.9E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24618 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24618 PANAMA AVE | Chloroform | 4.6E+01 | 9.0E+07 | 4.9E+06 | 5E-07 | 1E-10 |
| 24618 PANAMA AVE | Ethanol | 1.8E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24618 PANAMA AVE | Naphthalene | 2.0E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 24618 RAVENNA AVE | Chloroform | 1.9E+02 | 9.0E+07 | 4.9E+06 | 2E-06 | 4E-10 |
| 24618 RAVENNA AVE | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24618 RAVENNA AVE | Isopropanol | 1.5E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24618 RAVENNA AVE | Naphthalene | 5.8E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 9E-10 |
| 24618 RAVENNA AVE | Toluene | 2.5E+01 | 3.7E+09 | -- | 7E-09 | -- |
| 24619 NEPTUNE AVE | Ethanol | 1.0E+01 | 1.9E+08 | -- | 5E-08 | -- |
| 24619 NEPTUNE AVE | Isopropanol | 3.1E+01 | 5.7E+08 | -- | 6E-08 | -- |
| 24619 NEPTUNE AVE | Naphthalene | 8.3E-01 | 2.3E+05 | 6.3E+04 | 4E-06 | 1E-10 |
| 24619 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24619 PANAMA AVE | Benzene | 1.9E+01 | 3.2E+07 | 1.0E+06 | 6E-07 | 2E-10 |
| 24619 PANAMA AVE | Bromomethane | 1.1E+01 | 9.5E+06 | -- | 1E-06 | -- |
| 24619 PANAMA AVE | Ethanol | 6.1E+01 | 1.9E+08 | -- | 3E-07 | -- |
| 24619 PANAMA AVE | Isopropanol | 4.8E+01 | 5.7E+08 | -- | 9E-08 | -- |
| 24619 PANAMA AVE | Naphthalene | 6.8E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24619 PANAMA AVE | Tetrahydrofuran | 2.1E+01 | 4.9E+08 | -- | 4E-08 | -- |
| 24619 PANAMA AVE | Toluene | 9.7E+00 | 3.7E+09 | -- | 3E-09 | -- |
| 24619 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+02 | 1.1E+09 | -- | 2E-07 | -- |
| 24619 RAVENNA AVE | Ethanol | 9.4E+00 | 1.9E+08 | -- | 5E-08 | -- |
| 24619 RAVENNA AVE | Methylene Chloride | 6.8E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 2E-12 |
| 24619 RAVENNA AVE | Naphthalene | 3.3E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24619 RAVENNA AVE | Tetrachloroethene | 2.1E+01 | 5.5E+07 | 6.6E+06 | 4E-07 | 3E-11 |
| 24619 RAVENNA AVE | Toluene | 1.4E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24622 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 1.1E+09 | -- | 1E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24622 MARBELLA AVE | Carbon Disulfide | 1.2E+01 | 1.4E+09 | -- | 8E-09 | -- |
| 24622 MARBELLA AVE | Chloroform | 1.2E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 3E-11 |
| 24622 MARBELLA AVE | Tetrachloroethene | 3.8E+00 | 5.5E+07 | 6.6E+06 | 7E-08 | 6E-12 |
| 24622 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 8.1E+00 | 2.3E+06 | -- | 4E-06 | -- |
| 24622 NEPTUNE AVE | 1,4-Dioxane | 3.1E+01 | 1.3E+08 | 1.6E+05 | 2E-07 | 2E-09 |
| 24622 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.1E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 24622 NEPTUNE AVE | 4-Ethyltoluene | 7.9E+00 | 2.5E+07 | -- | 3E-07 | -- |
| 24622 NEPTUNE AVE | Benzene | 7.0E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 24622 NEPTUNE AVE | Carbon Disulfide | 4.0E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24622 NEPTUNE AVE | Chloroform | 2.8E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 6E-11 |
| 24622 NEPTUNE AVE | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24622 NEPTUNE AVE | Hexane | 2.1E+00 | 1.7E+09 | -- | 1E-09 | -- |
| 24622 NEPTUNE AVE | Naphthalene | 5.2E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24623 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24623 MARBELLA AVE | 4-Ethyltoluene | 1.2E+01 | 2.5E+07 | -- | 5E-07 | -- |
| 24623 MARBELLA AVE | Benzene | 1.3E+02 | 3.2E+07 | 1.0E+06 | 4E-06 | 1E-09 |
| 24623 MARBELLA AVE | Carbon Disulfide | 5.0E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24623 MARBELLA AVE | Cumene (Isopropylbenzene) | 3.1E+01 | 1.5E+09 | -- | 2E-08 | -- |
| 24623 MARBELLA AVE | Ethanol | 1.9E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24623 MARBELLA AVE | Naphthalene | 9.6E-01 | 2.3E+05 | 6.3E+04 | 4E-06 | 2E-10 |
| 24623 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.5E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24623 NEPTUNE AVE | Chloroform | 6.5E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24623 NEPTUNE AVE | Ethanol | 2.1E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24623 NEPTUNE AVE | Isopropanol | 1.7E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24623 NEPTUNE AVE | Naphthalene | 5.4E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 9E-10 |
| 24623 NEPTUNE AVE | p/m-Xylene | 6.0E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24623 NEPTUNE AVE | Toluene | 1.1E+02 | 3.7E+09 | -- | 3E-08 | -- |
| 24627 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.8E+00 | 1.1E+09 | -- | 5E-09 | -- |
| 24627 MARBELLA AVE | Carbon Disulfide | 9.7E+00 | 1.4E+09 | -- | 7E-09 | -- |
| 24627 MARBELLA AVE | Ethanol | 1.4E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24627 MARBELLA AVE | Naphthalene | 7.2E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24627 MARBELLA AVE | Tetrachloroethene | 1.0E+01 | 5.5E+07 | 6.6E+06 | 2E-07 | 2E-11 |
| 24628 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.1E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24628 MARBELLA AVE | Naphthalene | 1.6E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 3E-10 |
| 24628 MARBELLA AVE | p/m-Xylene | 7.8E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24628 MARBELLA AVE | Tetrachloroethene | 1.9E+00 | 5.5E+07 | 6.6E+06 | 3E-08 | 3E-12 |
| 24628 MARBELLA AVE | Toluene | 5.4E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24628 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.6E+01 | 1.1E+09 | -- | 4E-08 | -- |
| 24628 NEPTUNE AVE | Bromodichloromethane | 6.1E+01 | 7.2E+07 | 7.8E+05 | 8E-07 | 8E-10 |
| 24628 NEPTUNE AVE | Bromomethane | 5.5E+00 | 9.5E+06 | -- | 6E-07 | -- |
| 24628 NEPTUNE AVE | Chloroform | 1.0E+03 | 9.0E+07 | 4.9E+06 | 1E-05 | 2E-09 |
| 24628 NEPTUNE AVE | cis-1,2-Dichloroethene | 5.3E+00 | 8.3E+06 | -- | 6E-07 | -- |
| 24628 NEPTUNE AVE | Dibromochloromethane | 1.7E+01 | 6.0E+07 | 8.8E+05 | 3E-07 | 2E-10 |
| 24628 NEPTUNE AVE | Ethanol | 4.3E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24628 NEPTUNE AVE | Naphthalene | 3.2E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24628 NEPTUNE AVE | Toluene | 1.2E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24629 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 9.2E+00 | 2.3E+06 | -- | 4E-06 | -- |
| 24629 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.7E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24629 NEPTUNE AVE | Benzene | 2.3E+02 | 3.2E+07 | 1.0E+06 | 7E-06 | 2E-09 |
| 24629 NEPTUNE AVE | Bromomethane | 6.4E+00 | 9.5E+06 | -- | 7E-07 | -- |
| 24629 NEPTUNE AVE | Carbon Disulfide | 3.8E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24629 NEPTUNE AVE | Cumene (Isopropylbenzene) | 1.0E+02 | 1.5E+09 | -- | 7E-08 | -- |
| 24629 NEPTUNE AVE | Ethanol | 3.1E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24629 NEPTUNE AVE | Isopropanol | 1.2E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24629 NEPTUNE AVE | Methylene Chloride | 7.3E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 3E-12 |
| 24629 NEPTUNE AVE | Naphthalene | 2.7E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24632 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.7E+01 | 1.1E+09 | -- | 7E-08 | -- |
| 24632 NEPTUNE AVE | 2-Hexanone | 5.0E+00 | 7.9E+06 | -- | 6E-07 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24632 NEPTUNE AVE | Benzene | 6.3E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24632 NEPTUNE AVE | Bromomethane | 4.9E+00 | 9.5E+06 | -- | 5E-07 | -- |
| 24632 NEPTUNE AVE | Carbon Disulfide | 2.6E+01 | 1.4E+09 | -- | 2E-08 | -- |
| 24632 NEPTUNE AVE | Chloroform | 5.2E+01 | 9.0E+07 | 4.9E+06 | 6E-07 | 1E-10 |
| 24632 NEPTUNE AVE | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24632 NEPTUNE AVE | Heptane | 9.0E+00 | 2.3E+09 | -- | 4E-09 | -- |
| 24632 NEPTUNE AVE | Hexane | 1.4E+01 | 1.7E+09 | -- | 9E-09 | -- |
| 24632 NEPTUNE AVE | Naphthalene | 1.1E+01 | 2.3E+05 | 6.3E+04 | 5E-05 | 2E-09 |
| 24632 NEPTUNE AVE | Tetrachloroethene | 2.8E+01 | 5.5E+07 | 6.6E+06 | 5E-07 | 4E-11 |
| 24632 NEPTUNE AVE | Tetrahydrofuran | 3.7E+00 | 4.9E+08 | -- | 8E-09 | -- |
| 24632 NEPTUNE AVE | Toluene | 2.0E+01 | 3.7E+09 | -- | 5E-09 | -- |
| 24633 MARBELLA AVE | Ethanol | 3.8E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24633 MARBELLA AVE | Isopropanol | 2.9E+01 | 5.7E+08 | -- | 5E-08 | -- |
| 24633 MARBELLA AVE | Naphthalene | 7.7E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24633 MARBELLA AVE | Toluene | 1.1E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24700 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.5E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24700 MARBELLA AVE | Benzene | 2.6E+01 | 3.2E+07 | 1.0E+06 | 8E-07 | 3E-10 |
| 24700 MARBELLA AVE | Bromomethane | 1.9E+01 | 9.5E+06 | -- | 2E-06 | -- |
| 24700 MARBELLA AVE | Carbon Disulfide | 9.9E+00 | 1.4E+09 | -- | 7E-09 | -- |
| 24700 MARBELLA AVE | Chloroform | 3.4E+01 | 9.0E+07 | 4.9E+06 | 4E-07 | 7E-11 |
| 24700 MARBELLA AVE | Cyclohexane | 6.7E+01 | 1.8E+10 | -- | 4E-09 | -- |
| 24700 MARBELLA AVE | Ethanol | 2.8E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24700 MARBELLA AVE | Hexane | 2.8E+01 | 1.7E+09 | -- | 2E-08 | -- |
| 24700 MARBELLA AVE | Isopropanol | 1.4E+03 | 5.7E+08 | -- | 3E-06 | -- |
| 24700 MARBELLA AVE | Methylene Chloride | 2.9E+00 | 6.1E+08 | 2.8E+07 | 5E-09 | 1E-12 |
| 24700 MARBELLA AVE | Naphthalene | 5.9E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 9E-10 |
| 24700 MARBELLA AVE | Tetrachloroethene | 2.7E+00 | 5.5E+07 | 6.6E+06 | 5E-08 | 4E-12 |
| 24700 MARBELLA AVE | Toluene | 2.7E+00 | 3.7E+09 | -- | 7E-10 | -- |
| 24700 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.5E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24700 RAVENNA AVE | Benzene | 9.0E-01 | 3.2E+07 | 1.0E+06 | 3E-08 | 9E-12 |
| 24700 RAVENNA AVE | Bromodichloromethane | 3.5E+00 | 7.2E+07 | 7.8E+05 | 5E-08 | 5E-11 |
| 24700 RAVENNA AVE | Carbon Disulfide | 7.7E-01 | 1.4E+09 | -- | 5E-10 | -- |
| 24700 RAVENNA AVE | Chloroform | 5.3E+01 | 9.0E+07 | 4.9E+06 | 6E-07 | 1E-10 |
| 24700 RAVENNA AVE | Cumene (Isopropylbenzene) | 1.4E+01 | 1.5E+09 | -- | 1E-08 | -- |
| 24700 RAVENNA AVE | Dibromochloromethane | 7.5E-01 | 6.0E+07 | 8.8E+05 | 1E-08 | 9E-12 |
| 24700 RAVENNA AVE | Ethanol | 1.6E+03 | 1.9E+08 | -- | 8E-06 | -- |
| 24700 RAVENNA AVE | Isopropanol | 2.1E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24700 RAVENNA AVE | Naphthalene | 1.9E+00 | 2.3E+05 | 6.3E+04 | 8E-06 | 3E-10 |
| 24700 RAVENNA AVE | Tetrachloroethene | 2.0E+01 | 5.5E+07 | 6.6E+06 | 4E-07 | 3E-11 |
| 24702 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 1.1E+09 | -- | 9E-09 | -- |
| 24702 NEPTUNE AVE | Ethanol | 3.0E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24702 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.9E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24702 PANAMA AVE | 2-Hexanone | 2.0E+00 | 7.9E+06 | -- | 3E-07 | -- |
| 24702 PANAMA AVE | Benzene | 3.8E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24702 PANAMA AVE | Ethanol | 8.9E+01 | 1.9E+08 | -- | 5E-07 | -- |
| 24702 PANAMA AVE | Isopropanol | 1.7E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24702 PANAMA AVE | Naphthalene | 7.1E-01 | 2.3E+05 | 6.3E+04 | 3E-06 | 1E-10 |
| 24702 PANAMA AVE | Toluene | 3.6E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24703 MARBELLA AVE | 1,4-Dioxane | 2.1E+01 | 1.3E+08 | 1.6E+05 | 2E-07 | 1E-09 |
| 24703 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.5E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24703 MARBELLA AVE | Carbon Tetrachloride | 1.1E+01 | 1.6E+08 | 1.1E+06 | 7E-08 | 1E-10 |
| 24703 MARBELLA AVE | Chloroform | 1.6E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 3E-11 |
| 24703 MARBELLA AVE | Ethanol | 4.6E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24703 MARBELLA AVE | Isopropanol | 8.3E+00 | 5.7E+08 | -- | 2E-08 | -- |
| 24703 MARBELLA AVE | Naphthalene | 5.3E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24703 MARBELLA AVE | Toluene | 7.8E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24703 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 6.2E+01 | 2.3E+06 | -- | 3E-05 | -- |
| 24703 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 3.2E+01 | 2.3E+06 | -- | 1E-05 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24703 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.5E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24703 NEPTUNE AVE | 4-Ethyltoluene | 3.2E+01 | 2.5E+07 | -- | 1E-06 | -- |
| 24703 NEPTUNE AVE | Benzene | 7.0E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 24703 NEPTUNE AVE | Cumene (Isopropylbenzene) | 1.0E+01 | 1.5E+09 | -- | 7E-09 | -- |
| 24703 NEPTUNE AVE | Isopropanol | 1.8E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24703 NEPTUNE AVE | Naphthalene | 9.9E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 2E-09 |
| 24703 NEPTUNE AVE | o-Xylene | 8.1E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24703 NEPTUNE AVE | p/m-Xylene | 1.2E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24703 NEPTUNE AVE | Trichloroethene | 2.1E+00 | 2.0E+06 | 6.7E+06 | 1E-06 | 3E-12 |
| 24703 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.2E+02 | 1.1E+09 | -- | 1E-07 | -- |
| 24703 PANAMA AVE | Chloroform | 6.0E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24703 PANAMA AVE | Heptane | 1.0E+01 | 2.3E+09 | -- | 4E-09 | -- |
| 24703 PANAMA AVE | Naphthalene | 7.7E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24703 PANAMA AVE | Toluene | 1.3E+03 | 3.7E+09 | -- | 4E-07 | -- |
| 24703 RAVENNA AVE | 1,4-Dioxane | 3.9E+00 | 1.3E+08 | 1.6E+05 | 3E-08 | 2E-10 |
| 24703 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.2E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24703 RAVENNA AVE | Chloroform | 8.0E+00 | 9.0E+07 | 4.9E+06 | 9E-08 | 2E-11 |
| 24703 RAVENNA AVE | Ethanol | 1.7E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24703 RAVENNA AVE | Isopropanol | 2.0E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24703 RAVENNA AVE | Naphthalene | 4.1E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24703 RAVENNA AVE | Tetrachloroethene | 4.5E+00 | 5.5E+07 | 6.6E+06 | 8E-08 | 7E-12 |
| 24703 RAVENNA AVE | Toluene | 8.0E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24706 MARBELLA AVE | 1,2,4-Trimethylbenzene | 1.7E+01 | 2.3E+06 | -- | 7E-06 | -- |
| 24706 MARBELLA AVE | 1,3,5-Trimethylbenzene | 7.9E+00 | 2.3E+06 | -- | 4E-06 | -- |
| 24706 MARBELLA AVE | 2,2,4-Trimethylpentane | 6.8E+01 | 6.5E+08 | -- | 1E-07 | -- |
| 24706 MARBELLA AVE | 4-Ethyltoluene | 8.1E+00 | 2.5E+07 | -- | 3E-07 | -- |
| 24706 MARBELLA AVE | Benzene | 1.6E+01 | 3.2E+07 | 1.0E+06 | 5E-07 | 2E-10 |
| 24706 MARBELLA AVE | Bromomethane | 6.3E+01 | 9.5E+06 | -- | 7E-06 | -- |
| 24706 MARBELLA AVE | Chloroform | 1.8E+02 | 9.0E+07 | 4.9E+06 | 2E-06 | 4E-10 |
| 24706 MARBELLA AVE | Cumene (Isopropylbenzene) | 1.8E+01 | 1.5E+09 | -- | 1E-08 | -- |
| 24706 MARBELLA AVE | Cyclohexane | 3.6E+02 | 1.8E+10 | -- | 2E-08 | -- |
| 24706 MARBELLA AVE | Ethylbenzene | 8.2E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |
| 24706 MARBELLA AVE | Heptane | 9.5E+00 | 2.3E+09 | -- | 4E-09 | -- |
| 24706 MARBELLA AVE | Hexane | 2.3E+01 | 1.7E+09 | -- | 1E-08 | -- |
| 24706 MARBELLA AVE | Naphthalene | 2.4E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24706 MARBELLA AVE | o-Xylene | 6.3E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24706 MARBELLA AVE | p/m-Xylene | 1.9E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24706 MARBELLA AVE | Propylbenzene | 9.0E+00 | 6.6E+08 | -- | 1E-08 | -- |
| 24706 MARBELLA AVE | Toluene | 1.3E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24706 RAVENNA AVE | 1,2,4-Trimethylbenzene | 6.2E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24706 RAVENNA AVE | 2,2,4-Trimethylpentane | 6.1E+00 | 6.5E+08 | -- | 9E-09 | -- |
| 24706 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24706 RAVENNA AVE | Benzene | 2.2E+01 | 3.2E+07 | 1.0E+06 | 7E-07 | 2E-10 |
| 24706 RAVENNA AVE | Carbon Disulfide | 1.8E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 24706 RAVENNA AVE | Chloroform | 1.0E+02 | 9.0E+07 | 4.9E+06 | 1E-06 | 2E-10 |
| 24706 RAVENNA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24706 RAVENNA AVE | Naphthalene | 3.0E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24706 RAVENNA AVE | Toluene | 4.0E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24707 MARBELLA AVE | 1,4-Dioxane | 1.7E+01 | 1.3E+08 | 1.6E+05 | 1E-07 | 1E-09 |
| 24707 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24707 MARBELLA AVE | Carbon Disulfide | 5.1E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24707 MARBELLA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24707 MARBELLA AVE | Isopropanol | 1.2E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24707 MARBELLA AVE | Naphthalene | 7.1E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24707 MARBELLA AVE | Tetrachloroethene | 1.6E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 2E-11 |
| 24708 PANAMA AVE | 1,4-Dioxane | 2.0E+02 | 1.3E+08 | 1.6E+05 | 2E-06 | 1E-08 |
| 24708 PANAMA AVE | Chloroform | 7.2E+00 | 9.0E+07 | 4.9E+06 | 8E-08 | 2E-11 |
| 24708 PANAMA AVE | Ethanol | 3.7E+01 | 1.9E+08 | -- | 2E-07 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24708 PANAMA AVE | Naphthalene | 3.8E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24708 PANAMA AVE | Tetrachloroethene | 2.0E+00 | 5.5E+07 | 6.6E+06 | 4E-08 | 3E-12 |
| 24709 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 6.6E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24709 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.0E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24709 NEPTUNE AVE | Benzene | 1.5E+01 | 3.2E+07 | 1.0E+06 | 5E-07 | 2E-10 |
| 24709 NEPTUNE AVE | Ethanol | 4.6E+02 | 1.9E+08 | -- | 2E-06 | -- |
| 24709 NEPTUNE AVE | Naphthalene | 1.6E+02 | 2.3E+05 | 6.3E+04 | 7E-04 | 3E-08 |
| 24709 NEPTUNE AVE | p/m-Xylene | 5.0E+00 | 5.9E+07 | -- | 8E-08 | -- |
| 24709 NEPTUNE AVE | Tetrachloroethene | 4.8E+00 | 5.5E+07 | 6.6E+06 | 9E-08 | 7E-12 |
| 24709 NEPTUNE AVE | Toluene | 5.5E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24709 PANAMA AVE | 1,2-Dichloropropane | 2.2E+01 | 3.6E+06 | 2.5E+06 | 6E-06 | 9E-11 |
| 24709 PANAMA AVE | 1,4-Dichlorobenzene | 8.6E+00 | 2.3E+08 | 7.2E+05 | 4E-08 | 1E-10 |
| 24709 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 1.1E+09 | -- | 9E-09 | -- |
| 24709 PANAMA AVE | Carbon Disulfide | 5.4E+01 | 1.4E+09 | -- | 4E-08 | -- |
| 24709 PANAMA AVE | Chloroform | 2.9E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 6E-11 |
| 24709 PANAMA AVE | Ethanol | 6.7E+01 | 1.9E+08 | -- | 4E-07 | -- |
| 24709 PANAMA AVE | Isopropanol | 1.3E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24709 PANAMA AVE | Naphthalene | 1.6E+01 | 2.3E+05 | 6.3E+04 | 7E-05 | 3E-09 |
| 24709 PANAMA AVE | Tetrachloroethene | 2.0E+00 | 5.5E+07 | 6.6E+06 | 4E-08 | 3E-12 |
| 24709 PANAMA AVE | Toluene | 9.7E+00 | 3.7E+09 | -- | 3E-09 | -- |
| 24709 PANAMA AVE | Trichloroethene | 2.2E+00 | 2.0E+06 | 6.7E+06 | 1E-06 | 3E-12 |
| 24709 RAVENNA AVE | 1,2,4-Trimethylbenzene | 2.5E+01 | 2.3E+06 | -- | 1E-05 | -- |
| 24709 RAVENNA AVE | 1,3,5-Trimethylbenzene | 7.4E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24709 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+01 | 1.1E+09 | -- | 6E-08 | -- |
| 24709 RAVENNA AVE | 2-Hexanone | 7.4E+01 | 7.9E+06 | -- | 9E-06 | -- |
| 24709 RAVENNA AVE | 4-Ethyltoluene | 2.2E+01 | 2.5E+07 | -- | 9E-07 | -- |
| 24709 RAVENNA AVE | Benzene | 7.0E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 24709 RAVENNA AVE | Carbon Disulfide | 7.4E+00 | 1.4E+09 | -- | 5E-09 | -- |
| 24709 RAVENNA AVE | Chloroform | 6.7E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24709 RAVENNA AVE | Cumene (Isopropylbenzene) | 1.5E+01 | 1.5E+09 | -- | 1E-08 | -- |
| 24709 RAVENNA AVE | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24709 RAVENNA AVE | Ethylbenzene | 8.6E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |
| 24709 RAVENNA AVE | Heptane | 4.9E+00 | 2.3E+09 | -- | 2E-09 | -- |
| 24709 RAVENNA AVE | Naphthalene | 1.7E+01 | 2.3E+05 | 6.3E+04 | 7E-05 | 3E-09 |
| 24709 RAVENNA AVE | o-Xylene | 1.6E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24709 RAVENNA AVE | p/m-Xylene | 4.5E+01 | 5.9E+07 | -- | 8E-07 | -- |
| 24709 RAVENNA AVE | Propylbenzene | 6.8E+00 | 6.6E+08 | -- | 1E-08 | -- |
| 24709 RAVENNA AVE | Toluene | 1.1E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24710 MARBELLA AVE | 1,2,4-Trimethylbenzene | 6.0E+01 | 2.3E+06 | -- | 3E-05 | -- |
| 24710 MARBELLA AVE | 1,2-Dichloropropane | 7.3E+00 | 3.6E+06 | 2.5E+06 | 2E-06 | 3E-11 |
| 24710 MARBELLA AVE | 1,3,5-Trimethylbenzene | 1.8E+01 | 2.3E+06 | -- | 8E-06 | -- |
| 24710 MARBELLA AVE | 1,4-Dioxane | 1.8E+01 | 1.3E+08 | 1.6E+05 | 1E-07 | 1E-09 |
| 24710 MARBELLA AVE | 2,2,4-Trimethylpentane | 2.2E+01 | 6.5E+08 | -- | 3E-08 | -- |
| 24710 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.4E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24710 MARBELLA AVE | 4-Ethyltoluene | 2.9E+01 | 2.5E+07 | -- | 1E-06 | -- |
| 24710 MARBELLA AVE | Carbon Disulfide | 4.6E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24710 MARBELLA AVE | Chloroform | 3.6E+01 | 9.0E+07 | 4.9E+06 | 4E-07 | 7E-11 |
| 24710 MARBELLA AVE | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24710 MARBELLA AVE | Ethylbenzene | 7.4E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |
| 24710 MARBELLA AVE | Isopropanol | 1.8E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24710 MARBELLA AVE | Naphthalene | 3.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24710 MARBELLA AVE | o-Xylene | 3.7E+01 | 5.9E+07 | -- | 6E-07 | -- |
| 24710 MARBELLA AVE | p/m-Xylene | 5.7E+01 | 5.9E+07 | -- | 1E-06 | -- |
| 24710 MARBELLA AVE | Propylbenzene | 4.5E+00 | 6.6E+08 | -- | 7E-09 | -- |
| 24710 MARBELLA AVE | Toluene | 3.5E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24710 MARBELLA AVE | Trichloroethene | 1.2E+01 | 2.0E+06 | 6.7E+06 | 6E-06 | 2E-11 |
| 24712 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.2E+02 | 2.3E+06 | -- | 5E-05 | -- |
| 24712 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 1.2E+01 | 2.3E+06 | -- | 5E-06 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24712 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.3E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24712 NEPTUNE AVE | 4-Ethyltoluene | 4.2E+01 | 2.5E+07 | -- | 2E-06 | -- |
| 24712 NEPTUNE AVE | Benzene | 2.3E+01 | 3.2E+07 | 1.0E+06 | 7E-07 | 2E-10 |
| 24712 NEPTUNE AVE | Bromodichloromethane | 2.9E+01 | 7.2E+07 | 7.8E+05 | 4E-07 | 4E-10 |
| 24712 NEPTUNE AVE | Chloroform | 5.8E+02 | 9.0E+07 | 4.9E+06 | 6E-06 | 1E-09 |
| 24712 NEPTUNE AVE | Cumene (Isopropylbenzene) | 6.8E+00 | 1.5E+09 | -- | 5E-09 | -- |
| 24712 NEPTUNE AVE | Cyclohexane | 6.4E+00 | 1.8E+10 | -- | 4E-10 | -- |
| 24712 NEPTUNE AVE | Dibromochloromethane | 2.3E+01 | 6.0E+07 | 8.8E+05 | 4E-07 | 3E-10 |
| 24712 NEPTUNE AVE | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24712 NEPTUNE AVE | Ethylbenzene | 5.8E+01 | 6.3E+08 | 7.0E+06 | 9E-08 | 8E-11 |
| 24712 NEPTUNE AVE | Heptane | 1.4E+01 | 2.3E+09 | -- | 6E-09 | -- |
| 24712 NEPTUNE AVE | Hexane | 8.5E+00 | 1.7E+09 | -- | 5E-09 | -- |
| 24712 NEPTUNE AVE | Methylene Chloride | 1.8E+00 | 6.1E+08 | 2.8E+07 | 3E-09 | 6E-13 |
| 24712 NEPTUNE AVE | Naphthalene | 6.0E+01 | 2.3E+05 | 6.3E+04 | 3E-04 | 1E-08 |
| 24712 NEPTUNE AVE | o-Xylene | 6.7E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24712 NEPTUNE AVE | p/m-Xylene | 8.8E+01 | 5.9E+07 | -- | 2E-06 | -- |
| 24712 NEPTUNE AVE | Propylbenzene | 1.7E+01 | 6.6E+08 | -- | 3E-08 | -- |
| 24712 NEPTUNE AVE | Toluene | 2.0E+01 | 3.7E+09 | -- | 5E-09 | -- |
| 24712 PANAMA AVE | 2,2,4-Trimethylpentane | 1.3E+01 | 6.5E+08 | -- | 2E-08 | -- |
| 24712 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 24712 PANAMA AVE | Heptane | 1.2E+01 | 2.3E+09 | -- | 5E-09 | -- |
| 24712 PANAMA AVE | Hexane | 1.2E+01 | 1.7E+09 | -- | 7E-09 | -- |
| 24712 PANAMA AVE | Naphthalene | 7.3E-01 | 2.3E+05 | 6.3E+04 | 3E-06 | 1E-10 |
| 24712 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.3E+00 | 1.1E+09 | -- | 5E-09 | -- |
| 24712 RAVENNA AVE | Chloroform | 4.1E+00 | 9.0E+07 | 4.9E+06 | 5E-08 | 8E-12 |
| 24712 RAVENNA AVE | Ethanol | 2.2E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24712 RAVENNA AVE | Isopropanol | 1.6E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24712 RAVENNA AVE | Methylene Chloride | 5.0E+01 | 6.1E+08 | 2.8E+07 | 8E-08 | 2E-11 |
| 24712 RAVENNA AVE | Naphthalene | 5.0E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24712 RAVENNA AVE | Tetrachloroethene | 4.6E+00 | 5.5E+07 | 6.6E+06 | 8E-08 | 7E-12 |
| 24713 MARBELLA AVE | Isopropanol | 3.3E+01 | 5.7E+08 | -- | 6E-08 | -- |
| 24713 MARBELLA AVE | Methylene Chloride | 6.1E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 2E-12 |
| 24713 MARBELLA AVE | Naphthalene | 2.0E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 24713 MARBELLA AVE | Toluene | 6.2E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24713 PANAMA AVE | 1,2,4-Trimethylbenzene | 8.2E+00 | 2.3E+06 | -- | 4E-06 | -- |
| 24713 PANAMA AVE | 4-Ethyltoluene | 6.8E+00 | 2.5E+07 | -- | 3E-07 | -- |
| 24713 PANAMA AVE | Benzene | 3.9E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24713 PANAMA AVE | Bromodichloromethane | 2.9E+01 | 7.2E+07 | 7.8E+05 | 4E-07 | 4E-10 |
| 24713 PANAMA AVE | Carbon Disulfide | 1.8E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 24713 PANAMA AVE | Chloroform | 1.1E+02 | 9.0E+07 | 4.9E+06 | 1E-06 | 2E-10 |
| 24713 PANAMA AVE | Naphthalene | 5.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 9E-10 |
| 24713 PANAMA AVE | p/m-Xylene | 1.2E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24713 PANAMA AVE | Tetrachloroethene | 2.0E+02 | 5.5E+07 | 6.6E+06 | 4E-06 | 3E-10 |
| 24713 PANAMA AVE | Toluene | 5.6E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24713 RAVENNA AVE | Chloroform | 4.0E+02 | 9.0E+07 | 4.9E+06 | 4E-06 | 8E-10 |
| 24713 RAVENNA AVE | Ethanol | 1.8E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24713 RAVENNA AVE | Naphthalene | 1.3E+00 | 2.3E+05 | 6.3E+04 | 6E-06 | 2E-10 |
| 24715 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+01 | 1.1E+09 | -- | 3E-08 | -- |
| 24715 NEPTUNE AVE | Benzene | 4.6E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 24715 NEPTUNE AVE | Bromomethane | 9.9E+00 | 9.5E+06 | -- | 1E-06 | -- |
| 24715 NEPTUNE AVE | Ethanol | 6.3E+01 | 1.9E+08 | -- | 3E-07 | -- |
| 24715 NEPTUNE AVE | Isopropanol | 3.1E+01 | 5.7E+08 | -- | 6E-08 | -- |
| 24715 NEPTUNE AVE | Naphthalene | 2.4E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24715 NEPTUNE AVE | Toluene | 7.5E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24716 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.7E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24716 MARBELLA AVE | Benzene | 5.6E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24716 MARBELLA AVE | Carbon Disulfide | 4.0E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24716 MARBELLA AVE | Chloroform | 8.9E+02 | 9.0E+07 | 4.9E+06 | 1E-05 | 2E-09 |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24716 MARBELLA AVE | cis-1,2-Dichloroethene | 4.2E+00 | 8.3E+06 | -- | 5E-07 | -- |
| 24716 MARBELLA AVE | Cyclohexane | 9.8E+00 | 1.8E+10 | -- | 5E-10 | -- |
| 24716 MARBELLA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24716 MARBELLA AVE | Ethylbenzene | 4.9E+00 | 6.3E+08 | 7.0E+06 | 8E-09 | 7E-12 |
| 24716 MARBELLA AVE | Naphthalene | 4.9E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24716 MARBELLA AVE | Tetrachloroethene | 2.8E+01 | 5.5E+07 | 6.6E+06 | 5E-07 | 4E-11 |
| 24716 MARBELLA AVE | Tetrahydrofuran | 8.6E+00 | 4.9E+08 | -- | 2E-08 | -- |
| 24716 MARBELLA AVE | Toluene | 6.2E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24716 MARBELLA AVE | Trichloroethene | 2.2E+01 | 2.0E+06 | 6.7E+06 | 1E-05 | 3E-11 |
| 24716 RAVENNA AVE | Chloroform | 4.9E+01 | 9.0E+07 | 4.9E+06 | 5E-07 | 1E-10 |
| 24716 RAVENNA AVE | Naphthalene | 1.5E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 2E-10 |
| 24717 MARBELLA AVE | 1,4-Dichlorobenzene | 1.1E+01 | 2.3E+08 | 7.2E+05 | 5E-08 | 2E-10 |
| 24717 MARBELLA AVE | 2,2,4-Trimethylpentane | 5.5E+00 | 6.5E+08 | -- | 8E-09 | -- |
| 24717 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.6E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 24717 MARBELLA AVE | Benzene | 5.2E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 24717 MARBELLA AVE | Carbon Disulfide | 9.1E+01 | 1.4E+09 | -- | 6E-08 | -- |
| 24717 MARBELLA AVE | Chloroform | 1.6E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 3E-11 |
| 24717 MARBELLA AVE | Ethanol | 2.0E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24717 MARBELLA AVE | Hexane | 5.9E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 24717 MARBELLA AVE | Methylene Chloride | 4.6E+00 | 6.1E+08 | 2.8E+07 | 8E-09 | 2E-12 |
| 24717 MARBELLA AVE | Naphthalene | 3.9E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24717 MARBELLA AVE | p/m-Xylene | 6.3E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24717 MARBELLA AVE | Tetrachloroethene | 2.2E+01 | 5.5E+07 | 6.6E+06 | 4E-07 | 3E-11 |
| 24717 MARBELLA AVE | Toluene | 7.8E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24718 NEPTUNE AVE | Ethanol | 2.4E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24718 NEPTUNE AVE | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24718 NEPTUNE AVE | Methylene Chloride | 3.9E+01 | 6.1E+08 | 2.8E+07 | 6E-08 | 1E-11 |
| 24718 NEPTUNE AVE | Naphthalene | 3.9E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24718 NEPTUNE AVE | Tetrachloroethene | 5.4E+01 | 5.5E+07 | 6.6E+06 | 1E-06 | 8E-11 |
| 24718 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 1.1E+09 | -- | 9E-09 | -- |
| 24718 PANAMA AVE | Chloroform | 2.9E+02 | 9.0E+07 | 4.9E+06 | 3E-06 | 6E-10 |
| 24718 PANAMA AVE | Ethanol | 3.2E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24718 PANAMA AVE | Naphthalene | 6.7E-01 | 2.3E+05 | 6.3E+04 | 3E-06 | 1E-10 |
| 24718 PANAMA AVE | Tetrachloroethene | 2.5E+02 | 5.5E+07 | 6.6E+06 | 5E-06 | 4E-10 |
| 24718 PANAMA AVE | Toluene | 2.6E+01 | 3.7E+09 | -- | 7E-09 | -- |
| 24718 PANAMA AVE | Trichloroethene | 1.6E+01 | 2.0E+06 | 6.7E+06 | 8E-06 | 2E-11 |
| 24719 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24719 NEPTUNE AVE | Benzene | 4.8E+01 | 3.2E+07 | 1.0E+06 | 2E-06 | 5E-10 |
| 24719 NEPTUNE AVE | Carbon Disulfide | 1.1E+01 | 1.4E+09 | -- | 8E-09 | -- |
| 24719 NEPTUNE AVE | Chloroform | 8.3E+02 | 9.0E+07 | 4.9E+06 | 9E-06 | 2E-09 |
| 24719 NEPTUNE AVE | Cumene (Isopropylbenzene) | 6.7E+00 | 1.5E+09 | -- | 5E-09 | -- |
| 24719 NEPTUNE AVE | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24719 NEPTUNE AVE | Isopropanol | 8.7E+01 | 5.7E+08 | -- | 2E-07 | -- |
| 24719 NEPTUNE AVE | Naphthalene | 3.2E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24719 NEPTUNE AVE | Tetrahydrofuran | 2.4E+01 | 4.9E+08 | -- | 5E-08 | -- |
| 24719 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.1E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24719 PANAMA AVE | 2-Hexanone | 2.0E+00 | 7.9E+06 | -- | 3E-07 | -- |
| 24719 PANAMA AVE | Carbon Disulfide | 5.6E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 24719 PANAMA AVE | Chloroform | 1.9E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 4E-11 |
| 24719 PANAMA AVE | Ethanol | 2.9E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24719 PANAMA AVE | Heptane | 1.1E+01 | 2.3E+09 | -- | 5E-09 | -- |
| 24719 PANAMA AVE | Hexane | 1.9E+01 | 1.7E+09 | -- | 1E-08 | -- |
| 24719 PANAMA AVE | Isopropanol | 2.5E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24719 PANAMA AVE | Naphthalene | 3.1E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24719 PANAMA AVE | Toluene | 1.2E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24719 RAVENNA AVE | Ethanol | 9.9E+00 | 1.9E+08 | -- | 5E-08 | -- |
| 24719 RAVENNA AVE | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24719 RAVENNA AVE | Naphthalene | 4.7E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24719 RAVENNA AVE | Toluene | 4.6E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24722 MARBELLA AVE | 1,4-Dioxane | 3.9E+01 | 1.3E+08 | 1.6E+05 | 3E-07 | 2E-09 |
| 24722 MARBELLA AVE | 2-Hexanone | 1.8E+00 | 7.9E+06 | -- | 2E-07 | -- |
| 24722 MARBELLA AVE | Naphthalene | 2.4E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24722 MARBELLA AVE | Toluene | 4.8E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24722 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.5E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24722 NEPTUNE AVE | Benzene | 2.7E+02 | 3.2E+07 | 1.0E+06 | 9E-06 | 3E-09 |
| 24722 NEPTUNE AVE | Cyclohexane | 2.5E+00 | 1.8E+10 | -- | 1E-10 | -- |
| 24722 NEPTUNE AVE | Ethanol | 3.7E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24722 NEPTUNE AVE | Isopropanol | 2.0E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24722 NEPTUNE AVE | Naphthalene | 2.3E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24722 NEPTUNE AVE | Toluene | 3.8E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24722 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.6E+01 | 2.3E+06 | -- | 7E-06 | -- |
| 24722 PANAMA AVE | 1,4-Dichlorobenzene | 7.2E+00 | 2.3E+08 | 7.2E+05 | 3E-08 | 1E-10 |
| 24722 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.8E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24722 PANAMA AVE | 4-Ethyltoluene | 1.3E+01 | 2.5E+07 | -- | 5E-07 | -- |
| 24722 PANAMA AVE | Benzene | 9.7E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 1E-10 |
| 24722 PANAMA AVE | Bromodichloromethane | 3.6E+01 | 7.2E+07 | 7.8E+05 | 5E-07 | 5E-10 |
| 24722 PANAMA AVE | Carbon Disulfide | 8.2E+00 | 1.4E+09 | -- | 6E-09 | -- |
| 24722 PANAMA AVE | Chloroform | 4.2E+01 | 9.0E+07 | 4.9E+06 | 5E-07 | 9E-11 |
| 24722 PANAMA AVE | Dibromochloromethane | 3.2E+01 | 6.0E+07 | 8.8E+05 | 5E-07 | 4E-10 |
| 24722 PANAMA AVE | Ethanol | 2.0E+02 | 1.9E+08 | -- | 1E-06 | -- |
| 24722 PANAMA AVE | Ethylbenzene | 6.9E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |
| 24722 PANAMA AVE | Heptane | 8.5E+00 | 2.3E+09 | -- | 4E-09 | -- |
| 24722 PANAMA AVE | Hexane | 5.5E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24722 PANAMA AVE | Isopropanol | 4.9E+01 | 5.7E+08 | -- | 9E-08 | -- |
| 24722 PANAMA AVE | Naphthalene | 1.3E+01 | 2.3E+05 | 6.3E+04 | 6E-05 | 2E-09 |
| 24722 PANAMA AVE | o-Xylene | 6.9E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24722 PANAMA AVE | p/m-Xylene | 2.6E+01 | 5.9E+07 | -- | 4E-07 | -- |
| 24722 PANAMA AVE | Tetrahydrofuran | 8.2E+00 | 4.9E+08 | -- | 2E-08 | -- |
| 24722 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.0E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24722 RAVENNA AVE | Chloroform | 5.8E+00 | 9.0E+07 | 4.9E+06 | 6E-08 | 1E-11 |
| 24722 RAVENNA AVE | Ethanol | 1.9E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24722 RAVENNA AVE | Naphthalene | 2.3E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24723 MARBELLA AVE | 1,4-Dioxane | 6.6E+01 | 1.3E+08 | 1.6E+05 | 5E-07 | 4E-09 |
| 24723 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.6E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24723 MARBELLA AVE | Benzene | 3.8E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24723 MARBELLA AVE | Ethanol | 4.8E+01 | 1.9E+08 | -- | 3E-07 | -- |
| 24723 MARBELLA AVE | Naphthalene | 4.1E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24723 MARBELLA AVE | Tetrachloroethene | 4.3E+02 | 5.5E+07 | 6.6E+06 | 8E-06 | 7E-10 |
| 24723 MARBELLA AVE | Tetrahydrofuran | 1.1E+01 | 4.9E+08 | -- | 2E-08 | -- |
| 24723 MARBELLA AVE | Toluene | 6.9E+01 | 3.7E+09 | -- | 2E-08 | -- |
| 24723 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24723 RAVENNA AVE | Bromodichloromethane | 2.7E+01 | 7.2E+07 | 7.8E+05 | 4E-07 | 4E-10 |
| 24723 RAVENNA AVE | Chloroform | 6.5E+01 | 9.0E+07 | 4.9E+06 | 7E-07 | 1E-10 |
| 24723 RAVENNA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24723 RAVENNA AVE | Naphthalene | 1.1E+00 | 2.3E+05 | 6.3E+04 | 5E-06 | 2E-10 |
| 24723 RAVENNA AVE | Toluene | 5.0E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24725 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 7.7E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24725 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 24725 NEPTUNE AVE | 4-Ethyltoluene | 6.6E+00 | 2.5E+07 | -- | 3E-07 | -- |
| 24725 NEPTUNE AVE | Benzene | 4.3E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24725 NEPTUNE AVE | Chloroform | 1.3E+02 | 9.0E+07 | 4.9E+06 | 1E-06 | 3E-10 |
| 24725 NEPTUNE AVE | Ethanol | 2.4E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24725 NEPTUNE AVE | Naphthalene | 6.0E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24725 NEPTUNE AVE | p/m-Xylene | 1.1E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24725 NEPTUNE AVE | Toluene | 8.6E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24726 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.4E+00 | 1.1E+09 | -- | 4E-09 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24726 MARBELLA AVE | Benzene | 5.2E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 24726 MARBELLA AVE | Chloroform | 6.4E+01 | 9.0E+07 | 4.9E+06 | 7E-07 | 1E-10 |
| 24726 MARBELLA AVE | Naphthalene | 3.0E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24726 MARBELLA AVE | Tetrachloroethene | 1.6E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 2E-11 |
| 24726 RAVENNA AVE | Chloroform | 1.0E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24726 RAVENNA AVE | Isopropanol | 2.0E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24726 RAVENNA AVE | Naphthalene | 2.2E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24726 RAVENNA AVE | Toluene | 7.0E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24727 MARBELLA AVE | 1,4-Dioxane | 1.9E+01 | 1.3E+08 | 1.6E+05 | 1E-07 | 1E-09 |
| 24727 MARBELLA AVE | Naphthalene | 5.7E-01 | 2.3E+05 | 6.3E+04 | 3E-06 | 9E-11 |
| 24727 MARBELLA AVE | Tetrachloroethene | 3.1E+00 | 5.5E+07 | 6.6E+06 | 6E-08 | 5E-12 |
| 24727 MARBELLA AVE | Toluene | 5.0E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24728 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 7.0E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24728 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24728 NEPTUNE AVE | Carbon Disulfide | 3.9E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24728 NEPTUNE AVE | Ethanol | 1.2E+02 | 1.9E+08 | -- | 6E-07 | -- |
| 24728 NEPTUNE AVE | Heptane | 2.5E+00 | 2.3E+09 | -- | 1E-09 | -- |
| 24728 NEPTUNE AVE | Hexane | 4.5E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24728 NEPTUNE AVE | Isopropanol | 9.0E+01 | 5.7E+08 | -- | 2E-07 | -- |
| 24728 NEPTUNE AVE | Naphthalene | 3.4E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 5E-10 |
| 24728 NEPTUNE AVE | p/m-Xylene | 9.2E+00 | 5.9E+07 | -- | 2E-07 | -- |
| 24728 NEPTUNE AVE | Tetrachloroethene | 2.1E+02 | 5.5E+07 | 6.6E+06 | 4E-06 | 3E-10 |
| 24728 NEPTUNE AVE | Trichloroethene | 7.4E+00 | 2.0E+06 | 6.7E+06 | 4E-06 | 1E-11 |
| 24728 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.5E+01 | 2.3E+06 | -- | 7E-06 | -- |
| 24728 PANAMA AVE | 4-Ethyltoluene | 9.8E+00 | 2.5E+07 | -- | 4E-07 | -- |
| 24728 PANAMA AVE | Ethanol | 5.1E+01 | 1.9E+08 | -- | 3E-07 | -- |
| 24728 PANAMA AVE | Naphthalene | 3.4E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 5E-10 |
| 24728 PANAMA AVE | o-Xylene | 6.5E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24728 PANAMA AVE | p/m-Xylene | 1.6E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24729 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.0E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 24729 NEPTUNE AVE | Benzene | 5.9E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24729 NEPTUNE AVE | Bromodichloromethane | 3.1E+01 | 7.2E+07 | 7.8E+05 | 4E-07 | 4E-10 |
| 24729 NEPTUNE AVE | Carbon Disulfide | 3.8E+01 | 1.4E+09 | -- | 3E-08 | -- |
| 24729 NEPTUNE AVE | Chloroform | 7.2E+01 | 9.0E+07 | 4.9E+06 | 8E-07 | 2E-10 |
| 24729 NEPTUNE AVE | Ethanol | 2.2E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24729 NEPTUNE AVE | Naphthalene | 8.6E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 1E-09 |
| 24729 NEPTUNE AVE | Tetrahydrofuran | 3.4E+00 | 4.9E+08 | -- | 7E-09 | -- |
| 24729 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.8E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 24729 PANAMA AVE | Carbon Disulfide | 9.8E+00 | 1.4E+09 | -- | 7E-09 | -- |
| 24729 PANAMA AVE | Naphthalene | 1.1E+00 | 2.3E+05 | 6.3E+04 | 5E-06 | 2E-10 |
| 24729 PANAMA AVE | Toluene | 2.2E+01 | 3.7E+09 | -- | 6E-09 | -- |
| 24729 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 4.2E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24729 RAVENNA AVE | Benzene | 7.2E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 24729 RAVENNA AVE | Carbon Disulfide | 1.1E+01 | 1.4E+09 | -- | 8E-09 | -- |
| 24729 RAVENNA AVE | Chloroform | 7.4E+00 | 9.0E+07 | 4.9E+06 | 8E-08 | 2E-11 |
| 24729 RAVENNA AVE | Ethanol | 4.0E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24729 RAVENNA AVE | Isopropanol | 1.3E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24729 RAVENNA AVE | Naphthalene | 1.2E+00 | 2.3E+05 | 6.3E+04 | 5E-06 | 2E-10 |
| 24732 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.0E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 24732 MARBELLA AVE | Chloroform | 1.1E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24732 MARBELLA AVE | Ethanol | 3.8E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24732 MARBELLA AVE | Hexane | 4.7E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24732 MARBELLA AVE | Naphthalene | 3.7E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24732 MARBELLA AVE | Toluene | 1.4E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24732 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24732 NEPTUNE AVE | Carbon Disulfide | 4.4E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24732 NEPTUNE AVE | Chloroform | 2.0E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 4E-11 |
| 24732 NEPTUNE AVE | Cyclohexane | 1.4E+01 | 1.8E+10 | -- | 8E-10 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24732 NEPTUNE AVE | Ethanol | 2.3E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24732 NEPTUNE AVE | Heptane | 4.8E+00 | 2.3E+09 | -- | 2E-09 | -- |
| 24732 NEPTUNE AVE | Hexane | 3.9E+00 | 1.7E+09 | -- | 2E-09 | -- |
| 24732 NEPTUNE AVE | Naphthalene | 3.4E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 5E-10 |
| 24732 NEPTUNE AVE | Toluene | 1.5E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24732 PANAMA AVE | 1,2,4-Trimethylbenzene | 2.9E+01 | 2.3E+06 | -- | 1E-05 | -- |
| 24732 PANAMA AVE | 1,3,5-Trimethylbenzene | 8.6E+00 | 2.3E+06 | -- | 4E-06 | -- |
| 24732 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.4E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24732 PANAMA AVE | 4-Ethyltoluene | 1.9E+01 | 2.5E+07 | -- | 8E-07 | -- |
| 24732 PANAMA AVE | Benzene | 1.4E+01 | 3.2E+07 | 1.0E+06 | 4E-07 | 1E-10 |
| 24732 PANAMA AVE | Carbon Disulfide | 4.1E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24732 PANAMA AVE | Ethanol | 2.0E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24732 PANAMA AVE | Methylene Chloride | 7.4E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 3E-12 |
| 24732 PANAMA AVE | Naphthalene | 1.7E+01 | 2.3E+05 | 6.3E+04 | 7E-05 | 3E-09 |
| 24732 PANAMA AVE | p/m-Xylene | 1.4E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24732 PANAMA AVE | Toluene | 2.3E+01 | 3.7E+09 | -- | 6E-09 | -- |
| 24732 RAVENNA AVE | 1,2-Dichloropropane | 1.6E+01 | 3.6E+06 | 2.5E+06 | 4E-06 | 6E-11 |
| 24732 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.1E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24732 RAVENNA AVE | 2-Hexanone | 2.1E+00 | 7.9E+06 | -- | 3E-07 | -- |
| 24732 RAVENNA AVE | Bromomethane | 5.1E+00 | 9.5E+06 | -- | 5E-07 | -- |
| 24732 RAVENNA AVE | Chloroform | 1.8E+02 | 9.0E+07 | 4.9E+06 | 2E-06 | 4E-10 |
| 24732 RAVENNA AVE | Isopropanol | 1.3E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24732 RAVENNA AVE | Naphthalene | 1.2E+00 | 2.3E+05 | 6.3E+04 | 5E-06 | 2E-10 |
| 24732 RAVENNA AVE | Tetrahydrofuran | 3.6E+00 | 4.9E+08 | -- | 7E-09 | -- |
| 24732 RAVENNA AVE | Trichloroethene | 1.5E+01 | 2.0E+06 | 6.7E+06 | 8E-06 | 2E-11 |
| 24733 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24733 MARBELLA AVE | Benzene | 1.8E+01 | 3.2E+07 | 1.0E+06 | 6E-07 | 2E-10 |
| 24733 MARBELLA AVE | Bromomethane | 5.5E+00 | 9.5E+06 | -- | 6E-07 | -- |
| 24733 MARBELLA AVE | Carbon Disulfide | 2.0E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 24733 MARBELLA AVE | Ethanol | 2.8E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24733 MARBELLA AVE | Naphthalene | 8.9E-01 | 2.3E+05 | 6.3E+04 | 4E-06 | 1E-10 |
| 24733 MARBELLA AVE | Tetrachloroethene | 3.8E+01 | 5.5E+07 | 6.6E+06 | 7E-07 | 6E-11 |
| 24733 MARBELLA AVE | Toluene | 1.1E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24733 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.4E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24733 PANAMA AVE | Benzene | 1.8E+01 | 3.2E+07 | 1.0E+06 | 6E-07 | 2E-10 |
| 24733 PANAMA AVE | Bromodichloromethane | 1.1E+01 | 7.2E+07 | 7.8E+05 | 2E-07 | 1E-10 |
| 24733 PANAMA AVE | Chloroform | 3.0E+02 | 9.0E+07 | 4.9E+06 | 3E-06 | 6E-10 |
| 24733 PANAMA AVE | Naphthalene | 1.5E+01 | 2.3E+05 | 6.3E+04 | 7E-05 | 2E-09 |
| 24733 PANAMA AVE | Toluene | 5.0E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24733 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.4E+00 | 1.1E+09 | -- | 5E-09 | -- |
| 24733 RAVENNA AVE | Chloroform | 2.5E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 5E-11 |
| 24733 RAVENNA AVE | Naphthalene | 1.0E+00 | 2.3E+05 | 6.3E+04 | 4E-06 | 2E-10 |
| 24733 RAVENNA AVE | Tetrachloroethene | 2.3E+01 | 5.5E+07 | 6.6E+06 | 4E-07 | 4E-11 |
| 24735 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24735 NEPTUNE AVE | Chloroform | 1.1E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24735 NEPTUNE AVE | Ethanol | 2.5E+02 | 1.9E+08 | -- | 1E-06 | -- |
| 24735 NEPTUNE AVE | Isopropanol | 1.6E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24735 NEPTUNE AVE | Naphthalene | 1.8E+00 | 2.3E+05 | 6.3E+04 | 8E-06 | 3E-10 |
| 24736 RAVENNA AVE | 1,2,4-Trimethylbenzene | 1.7E+02 | 2.3E+06 | -- | 7E-05 | -- |
| 24736 RAVENNA AVE | 1,3,5-Trimethylbenzene | 3.6E+01 | 2.3E+06 | -- | 2E-05 | -- |
| 24736 RAVENNA AVE | 4-Ethyltoluene | 6.3E+01 | 2.5E+07 | -- | 3E-06 | -- |
| 24736 RAVENNA AVE | Benzene | 4.7E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 24736 RAVENNA AVE | Carbon Disulfide | 2.6E+01 | 1.4E+09 | -- | 2E-08 | -- |
| 24736 RAVENNA AVE | Chloroform | 2.2E+02 | 9.0E+07 | 4.9E+06 | 2E-06 | 5E-10 |
| 24736 RAVENNA AVE | Ethanol | 2.6E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24736 RAVENNA AVE | Isopropanol | 5.3E+01 | 5.7E+08 | -- | 9E-08 | -- |
| 24736 RAVENNA AVE | Naphthalene | 4.0E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24736 RAVENNA AVE | Propylbenzene | 1.4E+01 | 6.6E+08 | -- | 2E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24737 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.8E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24737 MARBELLA AVE | Benzene | 9.1E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 9E-11 |
| 24737 MARBELLA AVE | Bromomethane | 9.0E+00 | 9.5E+06 | -- | 1E-06 | -- |
| 24737 MARBELLA AVE | Carbon Disulfide | 4.4E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24737 MARBELLA AVE | Ethanol | 3.8E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24737 MARBELLA AVE | Hexane | 4.1E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24737 MARBELLA AVE | Naphthalene | 2.9E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24737 MARBELLA AVE | p/m-Xylene | 1.2E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 24737 MARBELLA AVE | Tetrachloroethene | 5.1E+01 | 5.5E+07 | 6.6E+06 | 9E-07 | 8E-11 |
| 24737 MARBELLA AVE | Toluene | 1.7E+01 | 3.7E+09 | -- | 5E-09 | -- |
| 24738 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.1E+01 | 2.3E+06 | -- | 5E-06 | -- |
| 24738 NEPTUNE AVE | 1,4-Dichlorobenzene | 1.1E+02 | 2.3E+08 | 7.2E+05 | 5E-07 | 2E-09 |
| 24738 NEPTUNE AVE | Benzene | 5.8E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24738 NEPTUNE AVE | Chloroform | 3.4E+01 | 9.0E+07 | 4.9E+06 | 4E-07 | 7E-11 |
| 24738 NEPTUNE AVE | cis-1,2-Dichloroethene | 3.6E+01 | 8.3E+06 | -- | 4E-06 | -- |
| 24738 NEPTUNE AVE | Cumene (Isopropylbenzene) | 6.5E+00 | 1.5E+09 | -- | 5E-09 | -- |
| 24738 NEPTUNE AVE | Ethanol | 1.9E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24738 NEPTUNE AVE | Isopropanol | 7.7E+01 | 5.7E+08 | -- | 1E-07 | -- |
| 24738 NEPTUNE AVE | Naphthalene | 2.0E+01 | 2.3E+05 | 6.3E+04 | 9E-05 | 3E-09 |
| 24738 NEPTUNE AVE | p/m-Xylene | 6.1E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 24738 NEPTUNE AVE | Tetrachloroethene | 7.5E+00 | 5.5E+07 | 6.6E+06 | 1E-07 | 1E-11 |
| 24738 NEPTUNE AVE | Toluene | 1.0E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 24738 NEPTUNE AVE | Trichloroethene | 2.4E+01 | 2.0E+06 | 6.7E+06 | 1E-05 | 4E-11 |
| 24738 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.7E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24738 PANAMA AVE | Benzene | 1.2E+01 | 3.2E+07 | 1.0E+06 | 4E-07 | 1E-10 |
| 24738 PANAMA AVE | Chloroform | 7.5E+00 | 9.0E+07 | 4.9E+06 | 8E-08 | 2E-11 |
| 24738 PANAMA AVE | Cumene (Isopropylbenzene) | 4.0E+01 | 1.5E+09 | -- | 3E-08 | -- |
| 24738 PANAMA AVE | Cyclohexane | 3.2E+01 | 1.8E+10 | -- | 2E-09 | -- |
| 24738 PANAMA AVE | Ethanol | 1.4E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24738 PANAMA AVE | Ethylbenzene | 1.7E+02 | 6.3E+08 | 7.0E+06 | 3E-07 | 2E-10 |
| 24738 PANAMA AVE | Hexane | 4.6E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24738 PANAMA AVE | Isopropanol | 1.7E+02 | 5.7E+08 | -- | 3E-07 | -- |
| 24738 PANAMA AVE | Naphthalene | 1.4E+01 | 2.3E+05 | 6.3E+04 | 6E-05 | 2E-09 |
| 24738 PANAMA AVE | Propylbenzene | 5.0E+01 | 6.6E+08 | -- | 8E-08 | -- |
| 24738 PANAMA AVE | Toluene | 5.0E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24739 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.9E+01 | 2.3E+06 | -- | 8E-06 | -- |
| 24739 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 5.3E+00 | 2.3E+06 | -- | 2E-06 | -- |
| 24739 NEPTUNE AVE | 2,2,4-Trimethylpentane | 7.1E+00 | 6.5E+08 | -- | 1E-08 | -- |
| 24739 NEPTUNE AVE | 4-Ethyltoluene | 1.1E+01 | 2.5E+07 | -- | 5E-07 | -- |
| 24739 NEPTUNE AVE | Benzene | 3.9E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 24739 NEPTUNE AVE | Chloroform | 9.6E+00 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24739 NEPTUNE AVE | Ethanol | 1.7E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24739 NEPTUNE AVE | Ethylbenzene | 4.6E+00 | 6.3E+08 | 7.0E+06 | 7E-09 | 7E-12 |
| 24739 NEPTUNE AVE | Heptane | 1.0E+01 | 2.3E+09 | -- | 4E-09 | -- |
| 24739 NEPTUNE AVE | Hexane | 1.2E+01 | 1.7E+09 | -- | 7E-09 | -- |
| 24739 NEPTUNE AVE | Methylene Chloride | 4.4E+00 | 6.1E+08 | 2.8E+07 | 7E-09 | 2E-12 |
| 24739 NEPTUNE AVE | Naphthalene | 4.7E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24739 NEPTUNE AVE | o-Xylene | 9.0E+00 | 5.9E+07 | -- | 2E-07 | -- |
| 24739 NEPTUNE AVE | p/m-Xylene | 2.3E+01 | 5.9E+07 | -- | 4E-07 | -- |
| 24739 NEPTUNE AVE | Toluene | 1.3E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24739 PANAMA AVE | 1,4-Dichlorobenzene | 2.0E+00 | 2.3E+08 | 7.2E+05 | 9E-09 | 3E-11 |
| 24739 PANAMA AVE | Carbon Disulfide | 7.0E+00 | 1.4E+09 | -- | 5E-09 | -- |
| 24739 PANAMA AVE | Heptane | 7.0E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 24739 PANAMA AVE | Hexane | 7.6E+00 | 1.7E+09 | -- | 5E-09 | -- |
| 24739 PANAMA AVE | Naphthalene | 9.1E-01 | 2.3E+05 | 6.3E+04 | 4E-06 | 1E-10 |
| 24739 PANAMA AVE | Toluene | 2.6E+01 | 3.7E+09 | -- | 7E-09 | -- |
| 24739 PANAMA AVE | Trichloroethene | 2.4E+00 | 2.0E+06 | 6.7E+06 | 1E-06 | 4E-12 |
| 24739 RAVENNA AVE | 1,2,4-Trimethylbenzene | 4.0E+01 | 2.3E+06 | -- | 2E-05 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24739 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.0E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24739 RAVENNA AVE | Bromomethane | 4.7E+00 | 9.5E+06 | -- | 5E-07 | -- |
| 24739 RAVENNA AVE | Carbon Disulfide | 3.7E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24739 RAVENNA AVE | Chloroform | 6.5E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 24739 RAVENNA AVE | Naphthalene | 5.2E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24740 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 9.4E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 24740 MARBELLA AVE | Benzene | 1.4E+01 | 3.2E+07 | 1.0E+06 | 4E-07 | 1E-10 |
| 24740 MARBELLA AVE | Cumene (Isopropylbenzene) | 7.4E+00 | 1.5E+09 | -- | 5E-09 | -- |
| 24740 MARBELLA AVE | Ethanol | 2.2E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24740 MARBELLA AVE | Isopropanol | 1.6E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24740 MARBELLA AVE | Naphthalene | 1.3E+00 | 2.3E+05 | 6.3E+04 | 6E-06 | 2E-10 |
| 24740 MARBELLA AVE | Tetrachloroethene | 2.9E+01 | 5.5E+07 | 6.6E+06 | 5E-07 | 4E-11 |
| 24741 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.7E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 24741 MARBELLA AVE | Benzene | 6.9E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 24741 MARBELLA AVE | Chloroform | 3.8E+01 | 9.0E+07 | 4.9E+06 | 4E-07 | 8E-11 |
| 24741 MARBELLA AVE | Ethanol | 2.4E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24741 MARBELLA AVE | Isopropanol | 2.0E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 24741 MARBELLA AVE | Naphthalene | 3.6E-01 | 2.3E+05 | 6.3E+04 | 2E-06 | 6E-11 |
| 24741 MARBELLA AVE | Tetrachloroethene | 9.5E+02 | 5.5E+07 | 6.6E+06 | 2E-05 | 1E-09 |
| 24741 MARBELLA AVE | Trichloroethene | 1.6E+02 | 2.0E+06 | 6.7E+06 | 8E-05 | 2E-10 |
| 24743 RAVENNA AVE | Chloroform | 1.3E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 3E-11 |
| 24743 RAVENNA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24743 RAVENNA AVE | Hexane | 5.0E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24743 RAVENNA AVE | Naphthalene | 5.1E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24744 MARBELLA AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.8E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 24744 MARBELLA AVE | Benzene | 1.7E+01 | 3.2E+07 | 1.0E+06 | 5E-07 | 2E-10 |
| 24744 MARBELLA AVE | Bromomethane | 9.5E+01 | 9.5E+06 | -- | 1E-05 | -- |
| 24744 MARBELLA AVE | Carbon Disulfide | 4.5E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24744 MARBELLA AVE | Ethanol | 9.4E+01 | 1.9E+08 | -- | 5E-07 | -- |
| 24744 MARBELLA AVE | Hexane | 4.3E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24744 MARBELLA AVE | Isopropanol | 1.2E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24744 MARBELLA AVE | Naphthalene | 4.0E+01 | 2.3E+05 | 6.3E+04 | 2E-04 | 6E-09 |
| 24744 MARBELLA AVE | Tetrachloroethene | 9.1E+01 | 5.5E+07 | 6.6E+06 | 2E-06 | 1E-10 |
| 24744 MARBELLA AVE | Toluene | 5.3E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24744 MARBELLA AVE | Trichloroethene | 6.7E+00 | 2.0E+06 | 6.7E+06 | 3E-06 | 1E-11 |
| 24748 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.2E+01 | 1.1E+09 | -- | 3E-08 | -- |
| 24748 RAVENNA AVE | Benzene | 2.2E+01 | 3.2E+07 | 1.0E+06 | 7E-07 | 2E-10 |
| 24748 RAVENNA AVE | Bromodichloromethane | 2.2E+01 | 7.2E+07 | 7.8E+05 | 3E-07 | 3E-10 |
| 24748 RAVENNA AVE | Chloroform | 2.1E+02 | 9.0E+07 | 4.9E+06 | 2E-06 | 4E-10 |
| 24748 RAVENNA AVE | Cumene (Isopropylbenzene) | 6.6E+00 | 1.5E+09 | -- | 5E-09 | -- |
| 24748 RAVENNA AVE | Ethanol | 2.1E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24748 RAVENNA AVE | Naphthalene | 3.6E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24749 RAVENNA AVE | 1,2-Dichloroethane | 4.7E+01 | 4.4E+06 | 8.5E+05 | 1E-05 | 6E-10 |
| 24749 RAVENNA AVE | 2,2,4-Trimethylpentane | 3.7E+03 | 6.5E+08 | -- | 6E-06 | -- |
| 24749 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24749 RAVENNA AVE | Benzene | 1.0E+03 | 3.2E+07 | 1.0E+06 | 3E-05 | 1E-08 |
| 24749 RAVENNA AVE | Chloroform | 5.8E+01 | 9.0E+07 | 4.9E+06 | 6E-07 | 1E-10 |
| 24749 RAVENNA AVE | cis-1,2-Dichloroethene | 1.3E+02 | 8.3E+06 | -- | 2E-05 | -- |
| 24749 RAVENNA AVE | Cumene (Isopropylbenzene) | 1.3E+01 | 1.5E+09 | -- | 9E-09 | -- |
| 24749 RAVENNA AVE | Cyclohexane | 1.4E+04 | 1.8E+10 | -- | 8E-07 | -- |
| 24749 RAVENNA AVE | Ethanol | 2.3E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24749 RAVENNA AVE | Ethylbenzene | 2.0E+02 | 6.3E+08 | 7.0E+06 | 3E-07 | 3E-10 |
| 24749 RAVENNA AVE | Heptane | 2.7E+03 | 2.3E+09 | -- | 1E-06 | -- |
| 24749 RAVENNA AVE | Hexane | 4.1E+03 | 1.7E+09 | -- | 3E-06 | -- |
| 24749 RAVENNA AVE | Methyl-tert-Butyl Ether | 4.4E+02 | 1.8E+09 | 6.5E+07 | 2E-07 | 7E-11 |
| 24749 RAVENNA AVE | Naphthalene | 6.6E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 24749 RAVENNA AVE | o-Xylene | 3.4E+01 | 5.9E+07 | -- | 6E-07 | -- |
| 24749 RAVENNA AVE | p/m-Xylene | 4.9E+01 | 5.9E+07 | -- | 8E-07 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24749 RAVENNA AVE | Toluene | 2.6E+01 | 3.7E+09 | -- | 7E-09 | -- |
| 24752 RAVENNA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.9E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24752 RAVENNA AVE | Chloroform | 7.7E+00 | 9.0E+07 | 4.9E+06 | 9E-08 | 2E-11 |
| 24752 RAVENNA AVE | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24802 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.1E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24802 PANAMA AVE | Benzene | 1.8E+01 | 3.2E+07 | 1.0E+06 | 6E-07 | 2E-10 |
| 24802 PANAMA AVE | Ethanol | 7.0E+01 | 1.9E+08 | -- | 4E-07 | -- |
| 24802 PANAMA AVE | Naphthalene | 2.7E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24803 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.4E+00 | 1.1E+09 | -- | 5E-09 | -- |
| 24803 NEPTUNE AVE | Cyclohexane | 1.0E+01 | 1.8E+10 | -- | 6E-10 | -- |
| 24803 NEPTUNE AVE | Ethanol | 2.7E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24803 NEPTUNE AVE | Ethylbenzene | 1.2E+01 | 6.3E+08 | 7.0E+06 | 2E-08 | 2E-11 |
| 24803 NEPTUNE AVE | Isopropanol | 3.0E+01 | 5.7E+08 | -- | 5E-08 | -- |
| 24803 NEPTUNE AVE | Naphthalene | 3.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24803 NEPTUNE AVE | o-Xylene | 5.0E+00 | 5.9E+07 | -- | 8E-08 | -- |
| 24803 NEPTUNE AVE | p/m-Xylene | 1.8E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 24803 NEPTUNE AVE | Toluene | 6.8E+01 | 3.7E+09 | -- | 2E-08 | -- |
| 24803 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24803 PANAMA AVE | Benzene | 3.1E+01 | 3.2E+07 | 1.0E+06 | 1E-06 | 3E-10 |
| 24803 PANAMA AVE | Chloroform | 2.3E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 5E-11 |
| 24803 PANAMA AVE | Naphthalene | 3.0E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24808 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24808 PANAMA AVE | Chloroform | 1.1E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24808 PANAMA AVE | Naphthalene | 2.2E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24809 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 24809 NEPTUNE AVE | Carbon Disulfide | 1.6E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 24809 NEPTUNE AVE | Ethanol | 1.8E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24809 NEPTUNE AVE | Isopropanol | 5.5E+01 | 5.7E+08 | -- | 1E-07 | -- |
| 24809 NEPTUNE AVE | Tetrahydrofuran | 5.0E+00 | 4.9E+08 | -- | 1E-08 | -- |
| 24809 NEPTUNE AVE | Trichloroethene | 4.3E+01 | 2.0E+06 | 6.7E+06 | 2E-05 | 6E-11 |
| 24809 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.3E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24809 PANAMA AVE | 2-Hexanone | 8.1E-01 | 7.9E+06 | -- | 1E-07 | -- |
| 24809 PANAMA AVE | Benzene | 1.7E+01 | 3.2E+07 | 1.0E+06 | 5E-07 | 2E-10 |
| 24809 PANAMA AVE | Carbon Disulfide | 1.2E+01 | 1.4E+09 | -- | 8E-09 | -- |
| 24809 PANAMA AVE | Chloroform | 1.2E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 3E-11 |
| 24809 PANAMA AVE | Cumene (Isopropylbenzene) | 1.0E+00 | 1.5E+09 | -- | 7E-10 | -- |
| 24809 PANAMA AVE | Ethanol | 1.4E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24809 PANAMA AVE | Isopropanol | 3.6E+00 | 5.7E+08 | -- | 6E-09 | -- |
| 24809 PANAMA AVE | Naphthalene | 2.9E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 24809 PANAMA AVE | Tetrachloroethene | 7.0E+00 | 5.5E+07 | 6.6E+06 | 1E-07 | 1E-11 |
| 24809 PANAMA AVE | Tetrahydrofuran | 3.7E+00 | 4.9E+08 | -- | 8E-09 | -- |
| 24812 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24812 PANAMA AVE | Chloroform | 8.3E+00 | 9.0E+07 | 4.9E+06 | 9E-08 | 2E-11 |
| 24812 PANAMA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24812 PANAMA AVE | Hexane | 7.2E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 24812 PANAMA AVE | Naphthalene | 1.9E+00 | 2.3E+05 | 6.3E+04 | 8E-06 | 3E-10 |
| 24812 PANAMA AVE | Toluene | 3.0E+01 | 3.7E+09 | -- | 8E-09 | -- |
| 24813 PANAMA AVE | 1,2,4-Trimethylbenzene | 2.7E+00 | 2.3E+06 | -- | 1E-06 | -- |
| 24813 PANAMA AVE | 1,4-Dioxane | 1.9E+01 | 1.3E+08 | 1.6E+05 | 1E-07 | 1E-09 |
| 24813 PANAMA AVE | 2,2,4-Trimethylpentane | 2.8E+00 | 6.5E+08 | -- | 4E-09 | -- |
| 24813 PANAMA AVE | Bromodichloromethane | 6.5E+01 | 7.2E+07 | 7.8E+05 | 9E-07 | 8E-10 |
| 24813 PANAMA AVE | Carbon Disulfide | 4.0E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24813 PANAMA AVE | Carbon Tetrachloride | 2.2E+00 | 1.6E+08 | 1.1E+06 | 1E-08 | 2E-11 |
| 24813 PANAMA AVE | Chloroform | 1.0E+03 | 9.0E+07 | 4.9E+06 | 1E-05 | 2E-09 |
| 24813 PANAMA AVE | Cyclohexane | 5.3E+00 | 1.8E+10 | -- | 3E-10 | -- |
| 24813 PANAMA AVE | Dibromochloromethane | 1.2E+01 | 6.0E+07 | 8.8E+05 | 2E-07 | 1E-10 |
| 24813 PANAMA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24813 PANAMA AVE | Ethylbenzene | 7.8E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24813 PANAMA AVE | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 24813 PANAMA AVE | Methylene Chloride | 4.0E+00 | 6.1E+08 | 2.8E+07 | 7E-09 | 1E-12 |
| 24813 PANAMA AVE | Naphthalene | 4.6E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24813 PANAMA AVE | Tetrachloroethene | 3.3E+00 | 5.5E+07 | 6.6E+06 | 6E-08 | 5E-12 |
| 24815 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24815 NEPTUNE AVE | Benzene | 6.2E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24815 NEPTUNE AVE | Carbon Disulfide | 3.8E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24815 NEPTUNE AVE | Chloroform | 1.0E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24815 NEPTUNE AVE | Naphthalene | 5.4E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 9E-10 |
| 24815 NEPTUNE AVE | Tetrahydrofuran | 4.0E+00 | 4.9E+08 | -- | 8E-09 | -- |
| 24815 NEPTUNE AVE | Toluene | 1.6E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 24818 PANAMA AVE | Chloroform | 3.0E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 6E-11 |
| 24818 PANAMA AVE | Cyclohexane | 4.5E+00 | 1.8E+10 | -- | 3E-10 | -- |
| 24818 PANAMA AVE | Naphthalene | 4.1E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24818 PANAMA AVE | Toluene | 7.3E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 24819 PANAMA AVE | 1,2,4-Trimethylbenzene | 1.5E+01 | 2.3E+06 | -- | 7E-06 | -- |
| 24819 PANAMA AVE | 1,3,5-Trimethylbenzene | 6.6E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 24819 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24819 PANAMA AVE | 4-Ethyltoluene | 1.0E+01 | 2.5E+07 | -- | 4E-07 | -- |
| 24819 PANAMA AVE | Benzene | 4.9E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 24819 PANAMA AVE | Bromodichloromethane | 2.0E+00 | 7.2E+07 | 7.8E+05 | 3E-08 | 3E-11 |
| 24819 PANAMA AVE | Chloroform | 2.6E+00 | 9.0E+07 | 4.9E+06 | 3E-08 | 5E-12 |
| 24819 PANAMA AVE | Ethanol | 3.7E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24819 PANAMA AVE | Isopropanol | 1.3E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24819 PANAMA AVE | Naphthalene | 1.2E+01 | 2.3E+05 | 6.3E+04 | 5E-05 | 2E-09 |
| 24819 PANAMA AVE | p/m-Xylene | 5.4E+00 | 5.9E+07 | -- | 9E-08 | -- |
| 24822 PANAMA AVE | 2,2,4-Trimethylpentane | 9.3E+00 | 6.5E+08 | -- | 1E-08 | -- |
| 24822 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.2E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24822 PANAMA AVE | Carbon Disulfide | 2.9E+01 | 1.4E+09 | -- | 2E-08 | -- |
| 24822 PANAMA AVE | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 24822 PANAMA AVE | Ethylbenzene | 1.8E+01 | 6.3E+08 | 7.0E+06 | 3E-08 | 3E-11 |
| 24822 PANAMA AVE | Heptane | 5.8E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 24822 PANAMA AVE | Hexane | 6.3E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 24822 PANAMA AVE | Naphthalene | 3.6E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 24822 PANAMA AVE | p/m-Xylene | 5.4E+00 | 5.9E+07 | -- | 9E-08 | -- |
| 24822 PANAMA AVE | Propylbenzene | 5.8E+00 | 6.6E+08 | -- | 9E-09 | -- |
| 24823 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.0E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 24823 PANAMA AVE | Benzene | 6.5E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 24823 PANAMA AVE | Carbon Disulfide | 1.4E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 24823 PANAMA AVE | Ethanol | 2.0E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24823 PANAMA AVE | Tetrahydrofuran | 3.9E+00 | 4.9E+08 | -- | 8E-09 | -- |
| 24823 PANAMA AVE | Toluene | 4.2E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 24825 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 3.9E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 24825 NEPTUNE AVE | Bromodichloromethane | 2.1E+01 | 7.2E+07 | 7.8E+05 | 3E-07 | 3E-10 |
| 24825 NEPTUNE AVE | Chloroform | 2.3E+02 | 9.0E+07 | 4.9E+06 | 3E-06 | 5E-10 |
| 24825 NEPTUNE AVE | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 24825 NEPTUNE AVE | Heptane | 9.3E+00 | 2.3E+09 | -- | 4E-09 | -- |
| 24825 NEPTUNE AVE | Naphthalene | 1.9E+01 | 2.3E+05 | 6.3E+04 | 8E-05 | 3E-09 |
| 24825 NEPTUNE AVE | Toluene | 9.5E+00 | 3.7E+09 | -- | 3E-09 | -- |
| 24828 PANAMA AVE | 2-Hexanone | 1.9E+00 | 7.9E+06 | -- | 2E-07 | -- |
| 24828 PANAMA AVE | Ethanol | 1.8E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 24828 PANAMA AVE | Heptane | 1.9E+01 | 2.3E+09 | -- | 8E-09 | -- |
| 24828 PANAMA AVE | Hexane | 8.7E+00 | 1.7E+09 | -- | 5E-09 | -- |
| 24828 PANAMA AVE | Naphthalene | 5.2E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 24828 PANAMA AVE | Tetrahydrofuran | 6.9E+00 | 4.9E+08 | -- | 1E-08 | -- |
| 24829 PANAMA AVE | 1,2-Dichloroethane | 5.6E+00 | 4.4E+06 | 8.5E+05 | 1E-06 | 7E-11 |
| 24829 PANAMA AVE | 2,2,4-Trimethylpentane | 1.4E+03 | 6.5E+08 | -- | 2E-06 | -- |
| 24829 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 1.1E+09 | -- | 1E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24829 PANAMA AVE | 2-Hexanone | 1.9E+00 | 7.9E+06 | -- | 2E-07 | -- |
| 24829 PANAMA AVE | Benzene | 2.8E+01 | 3.2E+07 | 1.0E+06 | 9E-07 | 3E-10 |
| 24829 PANAMA AVE | Carbon Disulfide | 2.4E+01 | 1.4E+09 | -- | 2E-08 | -- |
| 24829 PANAMA AVE | Chloroform | 1.6E+02 | 9.0E+07 | 4.9E+06 | 2E-06 | 3E-10 |
| 24829 PANAMA AVE | Cumene (Isopropylbenzene) | 1.6E+01 | 1.5E+09 | -- | 1E-08 | -- |
| 24829 PANAMA AVE | Ethanol | 3.3E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 24829 PANAMA AVE | Ethylbenzene | 9.8E+00 | 6.3E+08 | 7.0E+06 | 2E-08 | 1E-11 |
| 24829 PANAMA AVE | Isopropanol | 5.0E+01 | 5.7E+08 | -- | 9E-08 | -- |
| 24829 PANAMA AVE | Methylene Chloride | 9.3E+00 | 6.1E+08 | 2.8E+07 | 2E-08 | 3E-12 |
| 24829 PANAMA AVE | Naphthalene | 1.0E+01 | 2.3E+05 | 6.3E+04 | 4E-05 | 2E-09 |
| 24829 PANAMA AVE | Propylbenzene | 3.2E+01 | 6.6E+08 | -- | 5E-08 | -- |
| 24829 PANAMA AVE | Tetrahydrofuran | 2.2E+00 | 4.9E+08 | -- | 5E-09 | -- |
| 24829 PANAMA AVE | Toluene | 1.8E+01 | 3.7E+09 | -- | 5E-09 | -- |
| 24832 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 5.9E+00 | 1.1E+09 | -- | 5E-09 | -- |
| 24832 PANAMA AVE | Carbon Disulfide | 2.6E+01 | 1.4E+09 | -- | 2E-08 | -- |
| 24832 PANAMA AVE | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 24832 PANAMA AVE | Hexane | 4.3E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 24832 PANAMA AVE | Naphthalene | 2.8E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 24832 PANAMA AVE | Toluene | 1.3E+02 | 3.7E+09 | -- | 4E-08 | -- |
| 24833 PANAMA AVE | 1,4-Dioxane | 1.8E+01 | 1.3E+08 | 1.6E+05 | 1E-07 | 1E-09 |
| 24833 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 6.6E+01 | 1.1E+09 | -- | 6E-08 | -- |
| 24833 PANAMA AVE | 2-Hexanone | 3.6E+02 | 7.9E+06 | -- | 5E-05 | -- |
| 24833 PANAMA AVE | Carbon Disulfide | 8.0E+00 | 1.4E+09 | -- | 6E-09 | -- |
| 24833 PANAMA AVE | Chloroform | 1.6E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 3E-11 |
| 24833 PANAMA AVE | Ethanol | 1.0E+02 | 1.9E+08 | -- | 5E-07 | -- |
| 24833 PANAMA AVE | Heptane | 1.4E+01 | 2.3E+09 | -- | 6E-09 | -- |
| 24833 PANAMA AVE | Hexane | 1.4E+01 | 1.7E+09 | -- | 9E-09 | -- |
| 24833 PANAMA AVE | Isopropanol | 2.9E+01 | 5.7E+08 | -- | 5E-08 | -- |
| 24833 PANAMA AVE | Naphthalene | 2.6E+01 | 2.3E+05 | 6.3E+04 | 1E-04 | 4E-09 |
| 24833 PANAMA AVE | Toluene | 4.9E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 24833 PANAMA AVE | Trichloroethene | 2.3E+01 | 2.0E+06 | 6.7E+06 | 1E-05 | 3E-11 |
| 24838 PANAMA AVE | 1,2,4-Trimethylbenzene | 9.3E+00 | 2.3E+06 | -- | 4E-06 | -- |
| 24838 PANAMA AVE | 2-Butanone (Methyl Ethyl Ketone) | 7.0E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 24838 PANAMA AVE | 4-Ethyltoluene | 5.8E+00 | 2.5E+07 | -- | 2E-07 | -- |
| 24838 PANAMA AVE | Benzene | 7.9E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 8E-11 |
| 24838 PANAMA AVE | Bromodichloromethane | 2.4E+01 | 7.2E+07 | 7.8E+05 | 3E-07 | 3E-10 |
| 24838 PANAMA AVE | Carbon Disulfide | 4.1E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 24838 PANAMA AVE | Chloroform | 2.4E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 5E-11 |
| 24838 PANAMA AVE | Cumene (Isopropylbenzene) | 8.0E+00 | 1.5E+09 | -- | 6E-09 | -- |
| 24838 PANAMA AVE | Isopropanol | 1.1E+02 | 5.7E+08 | -- | 2E-07 | -- |
| 24838 PANAMA AVE | Naphthalene | 1.1E+01 | 2.3E+05 | 6.3E+04 | 5E-05 | 2E-09 |
| 24838 PANAMA AVE | p/m-Xylene | 5.4E+00 | 5.9E+07 | -- | 9E-08 | -- |
| 24838 PANAMA AVE | Tetrachloroethene | 7.4E+01 | 5.5E+07 | 6.6E+06 | 1E-06 | 1E-10 |
| 24904 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 1.2E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 24904 NEPTUNE AVE | 2-Hexanone | 2.5E+00 | 7.9E+06 | -- | 3E-07 | -- |
| 24904 NEPTUNE AVE | Benzene | 1.1E+01 | 3.2E+07 | 1.0E+06 | 4E-07 | 1E-10 |
| 24904 NEPTUNE AVE | Ethanol | 2.8E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24904 NEPTUNE AVE | Heptane | 1.4E+01 | 2.3E+09 | -- | 6E-09 | -- |
| 24904 NEPTUNE AVE | Hexane | 7.5E+00 | 1.7E+09 | -- | 5E-09 | -- |
| 24904 NEPTUNE AVE | Isopropanol | 5.6E+01 | 5.7E+08 | -- | 1E-07 | -- |
| 24904 NEPTUNE AVE | Naphthalene | 4.3E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 24912 NEPTUNE AVE | 1,2,4-Trimethylbenzene | 1.3E+02 | 2.3E+06 | -- | 6E-05 | -- |
| 24912 NEPTUNE AVE | 1,3,5-Trimethylbenzene | 3.8E+01 | 2.3E+06 | -- | 2E-05 | -- |
| 24912 NEPTUNE AVE | 2,2,4-Trimethylpentane | 2.1E+02 | 6.5E+08 | -- | 3E-07 | -- |
| 24912 NEPTUNE AVE | 2-Butanone (Methyl Ethyl Ketone) | 8.0E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 24912 NEPTUNE AVE | 4-Ethyltoluene | 3.7E+01 | 2.5E+07 | -- | 2E-06 | -- |
| 24912 NEPTUNE AVE | Benzene | 2.2E+01 | 3.2E+07 | 1.0E+06 | 7E-07 | 2E-10 |
| 24912 NEPTUNE AVE | Carbon Disulfide | 1.3E+02 | 1.4E+09 | -- | 9E-08 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 24912 NEPTUNE AVE | Chloroform | 1.1E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 24912 NEPTUNE AVE | Cumene (Isopropylbenzene) | 2.8E+01 | 1.5E+09 | -- | 2E-08 | -- |
| 24912 NEPTUNE AVE | Cyclohexane | 9.2E+00 | 1.8E+10 | -- | 5E-10 | -- |
| 24912 NEPTUNE AVE | Ethanol | 2.4E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 24912 NEPTUNE AVE | Ethylbenzene | 1.1E+02 | 6.3E+08 | 7.0E+06 | 2E-07 | 2E-10 |
| 24912 NEPTUNE AVE | Heptane | 4.4E+01 | 2.3E+09 | -- | 2E-08 | -- |
| 24912 NEPTUNE AVE | Hexane | 9.0E+00 | 1.7E+09 | -- | 5E-09 | -- |
| 24912 NEPTUNE AVE | Isopropanol | 1.1E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 24912 NEPTUNE AVE | Naphthalene | 9.4E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 2E-09 |
| 24912 NEPTUNE AVE | p/m-Xylene | 4.3E+01 | 5.9E+07 | -- | 7E-07 | -- |
| 24912 NEPTUNE AVE | Propylbenzene | 8.9E+01 | 6.6E+08 | -- | 1E-07 | -- |
| 24912 NEPTUNE AVE | Tetrachloroethene | 4.8E+01 | 5.5E+07 | 6.6E+06 | 9E-07 | 7E-11 |
| 24912 NEPTUNE AVE | Tetrahydrofuran | 1.2E+01 | 4.9E+08 | -- | 3E-08 | -- |
| 24912 NEPTUNE AVE | Toluene | 1.3E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 301 244TH ST | 1,4-Dioxane | 5.2E+01 | 1.3E+08 | 1.6E+05 | 4E-07 | 3E-09 |
| 301 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 3.4E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 301 244TH ST | Carbon Disulfide | 1.6E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 301 244TH ST | Ethanol | 1.9E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 301 244TH ST | Naphthalene | 2.3E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 4E-10 |
| 301 244TH ST | Tetrachloroethene | 1.5E+02 | 5.5E+07 | 6.6E+06 | 3E-06 | 2E-10 |
| 305 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 305 244TH ST | Benzene | 4.6E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 305 244TH ST | Carbon Disulfide | 4.4E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 305 244TH ST | Chloroform | 8.2E+00 | 9.0E+07 | 4.9E+06 | 9E-08 | 2E-11 |
| 305 244TH ST | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 305 244TH ST | Heptane | 4.9E+00 | 2.3E+09 | -- | 2E-09 | -- |
| 305 244TH ST | Hexane | 7.8E+00 | 1.7E+09 | -- | 5E-09 | -- |
| 305 244TH ST | Naphthalene | 5.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 9E-10 |
| 311 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 8.8E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 311 244TH ST | Chloroform | 1.8E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 4E-11 |
| 311 244TH ST | Naphthalene | 3.1E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 317 244TH ST | 1,4-Dioxane | 4.8E+01 | 1.3E+08 | 1.6E+05 | 4E-07 | 3E-09 |
| 317 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+01 | 1.1E+09 | -- | 3E-08 | -- |
| 317 244TH ST | Bromodichloromethane | 1.5E+02 | 7.2E+07 | 7.8E+05 | 2E-06 | 2E-09 |
| 317 244TH ST | Carbon Tetrachloride | 4.4E+02 | 1.6E+08 | 1.1E+06 | 3E-06 | 4E-09 |
| 317 244TH ST | Chloroform | 1.2E+04 | 9.0E+07 | 4.9E+06 | 1E-04 | 3E-08 |
| 317 244TH ST | Ethanol | 2.0E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 317 244TH ST | Hexane | 2.6E+00 | 1.7E+09 | -- | 2E-09 | -- |
| 317 244TH ST | Methylene Chloride | 2.3E+01 | 6.1E+08 | 2.8E+07 | 4E-08 | 8E-12 |
| 317 244TH ST | Naphthalene | 6.2E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 317 244TH ST | Tetrachloroethene | 1.6E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 2E-11 |
| 317 244TH ST | Toluene | 4.4E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 321 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 321 244TH ST | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 321 244TH ST | Naphthalene | 7.0E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 327 244TH ST | Chloroform | 2.6E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 5E-11 |
| 327 244TH ST | Ethanol | 1.4E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 327 244TH ST | Naphthalene | 1.1E+00 | 2.3E+05 | 6.3E+04 | 5E-06 | 2E-10 |
| 331 244TH ST | 1,4-Dioxane | 1.8E+01 | 1.3E+08 | 1.6E+05 | 1E-07 | 1E-09 |
| 331 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 3.5E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 331 244TH ST | Benzene | 1.3E+01 | 3.2E+07 | 1.0E+06 | 4E-07 | 1E-10 |
| 331 244TH ST | Cumene (Isopropylbenzene) | 1.5E+01 | 1.5E+09 | -- | 1E-08 | -- |
| 331 244TH ST | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 331 244TH ST | Heptane | 8.6E+00 | 2.3E+09 | -- | 4E-09 | -- |
| 331 244TH ST | Hexane | 1.3E+01 | 1.7E+09 | -- | 8E-09 | -- |
| 331 244TH ST | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 331 244TH ST | Naphthalene | 4.0E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 331 244TH ST | Tetrachloroethene | 1.8E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 3E-11 |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 337 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 3.5E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 337 244TH ST | Chloroform | 6.0E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 337 244TH ST | Ethanol | 2.1E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 337 244TH ST | Naphthalene | 2.1E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 337 244TH ST | Tetrahydrofuran | 1.1E+01 | 4.9E+08 | -- | 2E-08 | -- |
| 341 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 8.5E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 341 244TH ST | Benzene | 4.4E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 341 244TH ST | Carbon Disulfide | 4.0E+01 | 1.4E+09 | -- | 3E-08 | -- |
| 341 244TH ST | Ethanol | 1.6E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 341 244TH ST | Isopropanol | 4.3E+01 | 5.7E+08 | -- | 8E-08 | -- |
| 341 244TH ST | Naphthalene | 4.8E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 344 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.0E+01 | 1.1E+09 | -- | 9E-09 | -- |
| 344 249TH ST | Carbon Disulfide | 3.9E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 344 249TH ST | Chloroform | 3.1E+02 | 9.0E+07 | 4.9E+06 | 3E-06 | 6E-10 |
| 344 249TH ST | Methylene Chloride | 9.7E+00 | 6.1E+08 | 2.8E+07 | 2E-08 | 3E-12 |
| 344 249TH ST | Naphthalene | 2.1E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 344 249TH ST | p/m-Xylene | 7.1E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 345 249TH ST | 1,2,4-Trimethylbenzene | 9.3E+00 | 2.3E+06 | -- | 4E-06 | -- |
| 345 249TH ST | 2,2,4-Trimethylpentane | 1.6E+01 | 6.5E+08 | -- | 3E-08 | -- |
| 345 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.3E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 345 249TH ST | Carbon Disulfide | 1.0E+02 | 1.4E+09 | -- | 7E-08 | -- |
| 345 249TH ST | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 345 249TH ST | Naphthalene | 1.4E+01 | 2.3E+05 | 6.3E+04 | 6E-05 | 2E-09 |
| 345 249TH ST | p/m-Xylene | 7.8E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 347 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 9.1E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 347 244TH ST | Carbon Disulfide | 5.7E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 347 244TH ST | Chloroform | 1.1E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 347 244TH ST | Ethanol | 1.0E+01 | 1.9E+08 | -- | 5E-08 | -- |
| 347 244TH ST | Hexane | 4.8E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 347 244TH ST | Naphthalene | 2.1E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 347 244TH ST | Tetrahydrofuran | 4.9E+00 | 4.9E+08 | -- | 1E-08 | -- |
| 348 248TH ST | 2-Butanone (Methyl Ethyl Ketone) | 2.2E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 348 248TH ST | Benzene | 2.4E+01 | 3.2E+07 | 1.0E+06 | 8E-07 | 2E-10 |
| 348 248TH ST | Bromomethane | 5.7E+00 | 9.5E+06 | -- | 6E-07 | -- |
| 348 248TH ST | Carbon Disulfide | 6.9E+00 | 1.4E+09 | -- | 5E-09 | -- |
| 348 248TH ST | Carbon Tetrachloride | 7.1E+01 | 1.6E+08 | 1.1E+06 | 5E-07 | 7E-10 |
| 348 248TH ST | Chloroform | 2.2E+01 | 9.0E+07 | 4.9E+06 | 2E-07 | 5E-11 |
| 348 248TH ST | Ethanol | 7.0E+01 | 1.9E+08 | -- | 4E-07 | -- |
| 348 248TH ST | Methylene Chloride | 6.1E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 2E-12 |
| 348 248TH ST | Naphthalene | 2.1E+00 | 2.3E+05 | 6.3E+04 | 9E-06 | 3E-10 |
| 348 248TH ST | Toluene | 1.2E+01 | 3.7E+09 | -- | 3E-09 | -- |
| 348 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.2E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 348 249TH ST | Benzene | 7.1E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 348 249TH ST | Carbon Disulfide | 6.4E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 348 249TH ST | Chloroform | 4.1E+01 | 9.0E+07 | 4.9E+06 | 5E-07 | 8E-11 |
| 348 249TH ST | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 348 249TH ST | Naphthalene | 4.9E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 348 249TH ST | Tetrachloroethene | 1.1E+01 | 5.5E+07 | 6.6E+06 | 2E-07 | 2E-11 |
| 348 249TH ST | Toluene | 3.7E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 351 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 6.7E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 351 244TH ST | Benzene | 3.0E+01 | 3.2E+07 | 1.0E+06 | 1E-06 | 3E-10 |
| 351 244TH ST | Carbon Disulfide | 8.3E+00 | 1.4E+09 | -- | 6E-09 | -- |
| 351 244TH ST | Carbon Tetrachloride | 1.0E+01 | 1.6E+08 | 1.1E+06 | 6E-08 | 1E-10 |
| 351 244TH ST | Cumene (Isopropylbenzene) | 7.8E+01 | 1.5E+09 | -- | 5E-08 | -- |
| 351 244TH ST | Ethanol | 1.3E+01 | 1.9E+08 | -- | 7E-08 | -- |
| 351 244TH ST | Naphthalene | 7.8E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 351 244TH ST | Toluene | 2.8E+01 | 3.7E+09 | -- | 8E-09 | -- |
| 352 249TH ST | 1,2,4-Trimethylbenzene | 1.3E+01 | 2.3E+06 | -- | 6E-06 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC ($\mu g/m^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 352 249TH ST | 1,4-Dioxane | 7.4E+01 | 1.3E+08 | 1.6E+05 | 6E-07 | 5E-09 |
| 352 249TH ST | 2,2,4-Trimethylpentane | 3.9E+01 | 6.5E+08 | -- | 6E-08 | -- |
| 352 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.2E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 352 249TH ST | 2-Hexanone | 3.4E+00 | 7.9E+06 | -- | 4E-07 | -- |
| 352 249TH ST | 4-Ethyltoluene | 1.6E+01 | 2.5E+07 | -- | 7E-07 | -- |
| 352 249TH ST | Benzene | 2.0E+01 | 3.2E+07 | 1.0E+06 | 6E-07 | 2E-10 |
| 352 249TH ST | Bromomethane | 6.6E+00 | 9.5E+06 | -- | 7E-07 | -- |
| 352 249TH ST | Carbon Disulfide | 1.8E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 352 249TH ST | Chloroform | 5.9E+01 | 9.0E+07 | 4.9E+06 | 7E-07 | 1E-10 |
| 352 249TH ST | Cyclohexane | 1.3E+01 | 1.8E+10 | -- | 7E-10 | -- |
| 352 249TH ST | Ethanol | 7.5E+01 | 1.9E+08 | -- | 4E-07 | -- |
| 352 249TH ST | Ethylbenzene | 2.4E+01 | 6.3E+08 | 7.0E+06 | 4E-08 | 3E-11 |
| 352 249TH ST | Heptane | 2.7E+01 | 2.3E+09 | -- | 1E-08 | -- |
| 352 249TH ST | Hexane | 3.1E+01 | 1.7E+09 | -- | 2E-08 | -- |
| 352 249TH ST | Isopropanol | 4.0E+00 | 5.7E+08 | -- | 7E-09 | -- |
| 352 249TH ST | Methyl-tert-Butyl Ether | 1.4E+01 | 1.8E+09 | 6.5E+07 | 8E-09 | 2E-12 |
| 352 249TH ST | Naphthalene | 3.0E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 352 249TH ST | o-Xylene | 2.8E+01 | 5.9E+07 | -- | 5E-07 | -- |
| 352 249TH ST | p/m-Xylene | 9.3E+01 | 5.9E+07 | -- | 2E-06 | -- |
| 352 249TH ST | Tetrachloroethene | 7.9E+02 | 5.5E+07 | 6.6E+06 | 1E-05 | 1E-09 |
| 352 249TH ST | Toluene | 1.9E+02 | 3.7E+09 | -- | 5E-08 | -- |
| 353 249TH ST | 2,2,4-Trimethylpentane | 1.9E+01 | 6.5E+08 | -- | 3E-08 | -- |
| 353 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 4.4E+01 | 1.1E+09 | -- | 4E-08 | -- |
| 353 249TH ST | Benzene | 4.0E+00 | 3.2E+07 | 1.0E+06 | 1E-07 | 4E-11 |
| 353 249TH ST | Carbon Disulfide | 6.2E+00 | 1.4E+09 | -- | 4E-09 | -- |
| 353 249TH ST | Heptane | 6.5E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 353 249TH ST | Hexane | 6.2E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 353 249TH ST | Naphthalene | 1.3E+00 | 2.3E+05 | 6.3E+04 | 6E-06 | 2E-10 |
| 353 249TH ST | Toluene | 3.2E+01 | 3.7E+09 | -- | 9E-09 | -- |
| 354 248TH ST | 2,2,4-Trimethylpentane | 6.3E+01 | 6.5E+08 | -- | 1E-07 | -- |
| 354 248TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.7E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 354 248TH ST | Benzene | 6.4E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 6E-11 |
| 354 248TH ST | Chloroform | 1.0E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 354 248TH ST | Cyclohexane | 2.2E+01 | 1.8E+10 | -- | 1E-09 | -- |
| 354 248TH ST | Ethanol | 2.0E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 354 248TH ST | Ethylbenzene | 6.9E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |
| 354 248TH ST | Heptane | 7.4E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 354 248TH ST | Hexane | 1.8E+01 | 1.7E+09 | -- | 1E-08 | -- |
| 354 248TH ST | Isopropanol | 7.8E+00 | 5.7E+08 | -- | 1E-08 | -- |
| 354 248TH ST | Naphthalene | 4.3E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 354 248TH ST | p/m-Xylene | 6.6E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 354 248TH ST | Toluene | 1.8E+01 | 3.7E+09 | -- | 5E-09 | -- |
| 357 244TH ST | 2,2,4-Trimethylpentane | 1.0E+01 | 6.5E+08 | -- | 2E-08 | -- |
| 357 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.5E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 357 244TH ST | Benzene | 5.2E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 357 244TH ST | Carbon Disulfide | 8.4E+00 | 1.4E+09 | -- | 6E-09 | -- |
| 357 244TH ST | Cyclohexane | 5.6E+00 | 1.8E+10 | -- | 3E-10 | -- |
| 357 244TH ST | Ethanol | 3.0E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 357 244TH ST | Ethylbenzene | 5.4E+00 | 6.3E+08 | 7.0E+06 | 9E-09 | 8E-12 |
| 357 244TH ST | Heptane | 1.0E+01 | 2.3E+09 | -- | 4E-09 | -- |
| 357 244TH ST | Hexane | 6.7E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 357 244TH ST | Methylene Chloride | 4.4E+00 | 6.1E+08 | 2.8E+07 | 7E-09 | 2E-12 |
| 357 244TH ST | Naphthalene | 5.6E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 9E-10 |
| 357 244TH ST | Propylbenzene | 9.4E+00 | 6.6E+08 | -- | 1E-08 | -- |
| 357 244TH ST | Toluene | 7.6E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 357 249TH ST | 1,4-Dioxane | 1.9E+01 | 1.3E+08 | 1.6E+05 | 1E-07 | 1E-09 |
| 357 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 4.5E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 357 249TH ST | Benzene | 3.7E+01 | 3.2E+07 | 1.0E+06 | 1E-06 | 4E-10 |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 357 249TH ST | Carbon Disulfide | 2.5E+01 | 1.4E+09 | -- | 2E-08 | -- |
| 357 249TH ST | Chloroform | 4.7E+01 | 9.0E+07 | 4.9E+06 | 5E-07 | 1E-10 |
| 357 249TH ST | Cumene (Isopropylbenzene) | 6.8E+00 | 1.5E+09 | -- | 5E-09 | -- |
| 357 249TH ST | Ethanol | 2.0E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 357 249TH ST | Isopropanol | 2.5E+01 | 5.7E+08 | -- | 4E-08 | -- |
| 357 249TH ST | Toluene | 9.2E+00 | 3.7E+09 | -- | 3E-09 | -- |
| 358 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 9.4E+00 | 1.1E+09 | -- | 8E-09 | -- |
| 358 249TH ST | Benzene | 2.1E+01 | 3.2E+07 | 1.0E+06 | 7E-07 | 2E-10 |
| 358 249TH ST | Carbon Disulfide | 1.0E+01 | 1.4E+09 | -- | 7E-09 | -- |
| 358 249TH ST | Cumene (Isopropylbenzene) | 1.1E+01 | 1.5E+09 | -- | 8E-09 | -- |
| 358 249TH ST | Cyclohexane | 2.7E+01 | 1.8E+10 | -- | 2E-09 | -- |
| 358 249TH ST | Ethanol | 2.0E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 358 249TH ST | Isopropanol | 1.3E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 358 249TH ST | Methylene Chloride | 8.1E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 3E-12 |
| 358 249TH ST | Naphthalene | 4.4E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 358 249TH ST | p/m-Xylene | 5.8E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 358 249TH ST | Tetrachloroethene | 1.8E+01 | 5.5E+07 | 6.6E+06 | 3E-07 | 3E-11 |
| 358 249TH ST | Tetrahydrofuran | 4.1E+01 | 4.9E+08 | -- | 8E-08 | -- |
| 358 249TH ST | Toluene | 5.1E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 358 249TH ST | trans-1,2-Dichloroethene | 1.2E+01 | 9.3E+07 | -- | 1E-07 | -- |
| 360 248TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 360 248TH ST | Benzene | 3.7E+01 | 3.2E+07 | 1.0E+06 | 1E-06 | 4E-10 |
| 360 248TH ST | Chloroform | 3.0E+00 | 9.0E+07 | 4.9E+06 | 3E-08 | 6E-12 |
| 360 248TH ST | Cyclohexane | 9.6E+02 | 1.8E+10 | -- | 5E-08 | -- |
| 360 248TH ST | Ethanol | 1.1E+03 | 1.9E+08 | -- | 6E-06 | -- |
| 360 248TH ST | Ethylbenzene | 9.6E+00 | 6.3E+08 | 7.0E+06 | 2E-08 | 1E-11 |
| 360 248TH ST | Heptane | 3.1E+01 | 2.3E+09 | -- | 1E-08 | -- |
| 360 248TH ST | Hexane | 1.2E+01 | 1.7E+09 | -- | 7E-09 | -- |
| 360 248TH ST | Naphthalene | 1.1E+00 | 2.3E+05 | 6.3E+04 | 5E-06 | 2E-10 |
| 361 244TH ST | 1,2,4-Trimethylbenzene | 6.9E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 361 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 7.8E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 361 244TH ST | Carbon Disulfide | 1.0E+01 | 1.4E+09 | -- | 7E-09 | -- |
| 361 244TH ST | Chloroform | 6.0E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 361 244TH ST | cis-1,2-Dichloroethene | 5.2E+00 | 8.3E+06 | -- | 6E-07 | -- |
| 361 244TH ST | Cyclohexane | 6.8E+03 | 1.8E+10 | -- | 4E-07 | -- |
| 361 244TH ST | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 361 244TH ST | Heptane | 6.8E+01 | 2.3E+09 | -- | 3E-08 | -- |
| 361 244TH ST | Hexane | 7.5E+03 | 1.7E+09 | -- | 5E-06 | -- |
| 361 244TH ST | Isopropanol | 1.4E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 361 244TH ST | Naphthalene | 5.3E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 8E-10 |
| 361 244TH ST | o-Xylene | 5.0E+00 | 5.9E+07 | -- | 8E-08 | -- |
| 361 244TH ST | p/m-Xylene | 1.3E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 361 244TH ST | Toluene | 2.3E+01 | 3.7E+09 | -- | 6E-09 | -- |
| 362 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 6.5E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 362 249TH ST | Benzene | 6.6E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 7E-11 |
| 362 249TH ST | Ethanol | 9.4E+00 | 1.9E+08 | -- | 5E-08 | -- |
| 362 249TH ST | Naphthalene | 1.9E+00 | 2.3E+05 | 6.3E+04 | 8E-06 | 3E-10 |
| 362 249TH ST | Tetrachloroethene | 1.3E+02 | 5.5E+07 | 6.6E+06 | 2E-06 | 2E-10 |
| 362 249TH ST | Toluene | 5.3E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 362 249TH ST | Trichloroethene | 1.1E+01 | 2.0E+06 | 6.7E+06 | 6E-06 | 2E-11 |
| 363 249TH ST | Chloroform | 6.6E+01 | 9.0E+07 | 4.9E+06 | 7E-07 | 1E-10 |
| 363 249TH ST | Ethanol | 3.8E+02 | 1.9E+08 | -- | 2E-06 | -- |
| 363 249TH ST | Naphthalene | 3.8E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 363 249TH ST | Toluene | 2.3E+01 | 3.7E+09 | -- | 6E-09 | -- |
| 364 248TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.4E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 364 248TH ST | Benzene | 3.2E+01 | 3.2E+07 | 1.0E+06 | 1E-06 | 3E-10 |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 364 248TH ST | Cyclohexane | 3.3E+01 | 1.8E+10 | -- | 2E-09 | -- |
| 364 248TH ST | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 364 248TH ST | Ethylbenzene | 7.4E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |
| 364 248TH ST | Isopropanol | 4.1E+00 | 5.7E+08 | -- | 7E-09 | -- |
| 364 248TH ST | Naphthalene | 3.5E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 6E-10 |
| 364 248TH ST | p/m-Xylene | 5.4E+00 | 5.9E+07 | -- | 9E-08 | -- |
| 364 248TH ST | Toluene | 4.3E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 367 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 6.4E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 367 244TH ST | Benzene | 2.2E+01 | 3.2E+07 | 1.0E+06 | 7E-07 | 2E-10 |
| 367 244TH ST | Carbon Disulfide | 4.8E+00 | 1.4E+09 | -- | 3E-09 | -- |
| 367 244TH ST | Ethanol | 1.8E+01 | 1.9E+08 | -- | 9E-08 | -- |
| 367 249TH ST | 1,2,4-Trimethylbenzene | 6.5E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 367 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 2.5E+01 | 1.1E+09 | -- | 2E-08 | -- |
| 367 249TH ST | Benzene | 4.6E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 367 249TH ST | Bromomethane | 9.3E+00 | 9.5E+06 | -- | 1E-06 | -- |
| 367 249TH ST | Chloroform | 3.7E+01 | 9.0E+07 | 4.9E+06 | 4E-07 | 8E-11 |
| 367 249TH ST | Ethanol | 1.9E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 367 249TH ST | Ethylbenzene | 8.9E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 1E-11 |
| 367 249TH ST | Hexane | 5.1E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 367 249TH ST | Isopropanol | 2.6E+01 | 5.7E+08 | -- | 5E-08 | -- |
| 367 249TH ST | Methylene Chloride | 6.0E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 2E-12 |
| 367 249TH ST | Naphthalene | 6.9E+00 | 2.3E+05 | 6.3E+04 | 3E-05 | 1E-09 |
| 367 249TH ST | Toluene | 6.2E+00 | 3.7E+09 | -- | 2E-09 | -- |
| 368 249TH ST | Chloroform | 1.0E+01 | 9.0E+07 | 4.9E+06 | 1E-07 | 2E-11 |
| 368 249TH ST | Ethanol | 2.7E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 368 249TH ST | Heptane | 5.6E+00 | 2.3E+09 | -- | 2E-09 | -- |
| 368 249TH ST | Hexane | 7.3E+00 | 1.7E+09 | -- | 4E-09 | -- |
| 368 249TH ST | Isopropanol | 3.5E+01 | 5.7E+08 | -- | 6E-08 | -- |
| 368 249TH ST | Naphthalene | 4.2E+00 | 2.3E+05 | 6.3E+04 | 2E-05 | 7E-10 |
| 368 249TH ST | Tetrachloroethene | 4.5E+01 | 5.5E+07 | 6.6E+06 | 8E-07 | 7E-11 |
| 368 249TH ST | Toluene | 5.0E+00 | 3.7E+09 | -- | 1E-09 | -- |
| 373 249TH ST | 2,2,4-Trimethylpentane | 9.5E+00 | 6.5E+08 | -- | 2E-08 | -- |
| 373 249TH ST | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 373 249TH ST | Naphthalene | 1.6E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 3E-10 |
| 373 249TH ST | Toluene | 7.2E+01 | 3.7E+09 | -- | 2E-08 | -- |
| 374 248TH ST | 1,2,4-Trimethylbenzene | 2.5E+01 | 2.3E+06 | -- | 1E-05 | -- |
| 374 248TH ST | 1,3,5-Trimethylbenzene | 6.9E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 374 248TH ST | 2,2,4-Trimethylpentane | 6.4E+00 | 6.5E+08 | -- | 1E-08 | -- |
| 374 248TH ST | 2-Butanone (Methyl Ethyl Ketone) | 4.1E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 374 248TH ST | Benzene | 4.7E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 374 248TH ST | Chloroform | 5.5E+01 | 9.0E+07 | 4.9E+06 | 6E-07 | 1E-10 |
| 374 248TH ST | Ethanol | 1.0E+01 | 1.9E+08 | -- | 5E-08 | -- |
| 374 248TH ST | Ethylbenzene | 9.4E+00 | 6.3E+08 | 7.0E+06 | 2E-08 | 1E-11 |
| 374 248TH ST | Heptane | 5.9E+00 | 2.3E+09 | -- | 3E-09 | -- |
| 374 248TH ST | Hexane | 5.6E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 374 248TH ST | Isopropanol | 1.6E+01 | 5.7E+08 | -- | 3E-08 | -- |
| 374 248TH ST | Naphthalene | 1.3E+01 | 2.3E+05 | 6.3E+04 | 6E-05 | 2E-09 |
| 374 248TH ST | o-Xylene | 7.1E+00 | 5.9E+07 | -- | 1E-07 | -- |
| 374 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 5.0E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 374 249TH ST | Bromodichloromethane | 1.2E+01 | 7.2E+07 | 7.8E+05 | 2E-07 | 2E-10 |
| 374 249TH ST | Chloroform | 2.1E+02 | 9.0E+07 | 4.9E+06 | 2E-06 | 4E-10 |
| 374 249TH ST | Ethanol | 5.0E+01 | 1.9E+08 | -- | 3E-07 | -- |
| 374 249TH ST | Naphthalene | 1.7E+00 | 2.3E+05 | 6.3E+04 | 7E-06 | 3E-10 |
| 377 244TH ST | 2-Butanone (Methyl Ethyl Ketone) | 7.4E+00 | 1.1E+09 | -- | 6E-09 | -- |
| 377 244TH ST | Benzene | 9.9E+00 | 3.2E+07 | 1.0E+06 | 3E-07 | 1E-10 |
| 377 244TH ST | Carbon Disulfide | 4.9E+00 | 1.4E+09 | -- | 3E-09 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 377 244TH ST | Ethanol | 2.1E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 377 249TH ST | 1,2,4-Trimethylbenzene | 6.9E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 377 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 1.6E+01 | 1.1E+09 | -- | 1E-08 | -- |
| 377 249TH ST | Chloroform | 1.5E+02 | 9.0E+07 | 4.9E+06 | 2E-06 | 3E-10 |
| 377 249TH ST | Ethanol | 1.1E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 377 249TH ST | Heptane | 1.0E+01 | 2.3E+09 | -- | 4E-09 | -- |
| 377 249TH ST | Hexane | 4.6E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 377 249TH ST | Naphthalene | 1.2E+01 | 2.3E+05 | 6.3E+04 | 5E-05 | 2E-09 |
| 377 249TH ST | p/m-Xylene | 1.2E+01 | 5.9E+07 | -- | 2E-07 | -- |
| 378 249TH ST | 1,2,4-Trimethylbenzene | 2.4E+01 | 2.3E+06 | -- | 1E-05 | -- |
| 378 249TH ST | 1,3,5-Trimethylbenzene | 7.6E+00 | 2.3E+06 | -- | 3E-06 | -- |
| 378 249TH ST | 1,4-Dioxane | 2.2E+01 | 1.3E+08 | 1.6E+05 | 2E-07 | 1E-09 |
| 378 249TH ST | 2,2,4-Trimethylpentane | 1.4E+05 | 6.5E+08 | -- | 2E-04 | -- |
| 378 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 3.6E+00 | 1.1E+09 | -- | 3E-09 | -- |
| 378 249TH ST | 4-Ethyltoluene | 2.3E+01 | 2.5E+07 | -- | 9E-07 | -- |
| 378 249TH ST | Benzene | 6.2E+04 | 3.2E+07 | 1.0E+06 | 2E-03 | 6E-07 |
| 378 249TH ST | Carbon Disulfide | 7.9E+00 | 1.4E+09 | -- | 6E-09 | -- |
| 378 249TH ST | Chloroform | 6.1E+00 | 9.0E+07 | 4.9E+06 | 7E-08 | 1E-11 |
| 378 249TH ST | Cyclohexane | 1.2E+04 | 1.8E+10 | -- | 7E-07 | -- |
| 378 249TH ST | Ethanol | 2.3E+01 | 1.9E+08 | -- | 1E-07 | -- |
| 378 249TH ST | Ethylbenzene | 5.3E+03 | 6.3E+08 | 7.0E+06 | 8E-06 | 8E-09 |
| 378 249TH ST | Heptane | 3.5E+03 | 2.3E+09 | -- | 2E-06 | -- |
| 378 249TH ST | Hexane | 4.1E+03 | 1.7E+09 | -- | 3E-06 | -- |
| 378 249TH ST | Isopropanol | 2.8E+03 | 5.7E+08 | -- | 5E-06 | -- |
| 378 249TH ST | Methylene Chloride | 2.8E+04 | 6.1E+08 | 2.8E+07 | 5E-05 | 1E-08 |
| 378 249TH ST | Naphthalene | 2.6E+02 | 2.3E+05 | 6.3E+04 | 1E-03 | 4E-08 |
| 378 249TH ST | o-Xylene | 1.8E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 378 249TH ST | p/m-Xylene | 3.4E+03 | 5.9E+07 | -- | 6E-05 | -- |
| 378 249TH ST | Tetrahydrofuran | 3.5E+00 | 4.9E+08 | -- | 7E-09 | -- |
| 378 249TH ST | Toluene | 1.8E+03 | 3.7E+09 | -- | 5E-07 | -- |
| 383 249TH ST | 1,2,4-Trimethylbenzene | 5.5E+02 | 2.3E+06 | -- | 2E-04 | -- |
| 383 249TH ST | 1,3,5-Trimethylbenzene | 1.5E+02 | 2.3E+06 | -- | 7E-05 | -- |
| 383 249TH ST | 2,2,4-Trimethylpentane | 8.5E+00 | 6.5E+08 | -- | 1E-08 | -- |
| 383 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 7.5E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 383 249TH ST | 4-Ethyltoluene | 3.3E+02 | 2.5E+07 | -- | 1E-05 | -- |
| 383 249TH ST | Benzene | 5.4E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 383 249TH ST | Chloroform | 2.5E+01 | 9.0E+07 | 4.9E+06 | 3E-07 | 5E-11 |
| 383 249TH ST | Cumene (Isopropylbenzene) | 3.2E+01 | 1.5E+09 | -- | 2E-08 | -- |
| 383 249TH ST | Ethanol | 1.2E+01 | 1.9E+08 | -- | 6E-08 | -- |
| 383 249TH ST | Ethylbenzene | 6.9E+01 | 6.3E+08 | 7.0E+06 | 1E-07 | 1E-10 |
| 383 249TH ST | Methylene Chloride | 5.8E+00 | 6.1E+08 | 2.8E+07 | 1E-08 | 2E-12 |
| 383 249TH ST | Naphthalene | 8.1E+01 | 2.3E+05 | 6.3E+04 | 4E-04 | 1E-08 |
| 383 249TH ST | o-Xylene | 7.3E+01 | 5.9E+07 | -- | 1E-06 | -- |
| 383 249TH ST | p/m-Xylene | 2.3E+02 | 5.9E+07 | -- | 4E-06 | -- |
| 383 249TH ST | Propylbenzene | 8.1E+01 | 6.6E+08 | -- | 1E-07 | -- |
| 383 249TH ST | Tetrachloroethene | 5.7E+01 | 5.5E+07 | 6.6E+06 | 1E-06 | 9E-11 |
| 383 249TH ST | Toluene | 1.5E+01 | 3.7E+09 | -- | 4E-09 | -- |
| 402 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 7.9E+00 | 1.1E+09 | -- | 7E-09 | -- |
| 402 249TH ST | Benzene | 1.5E+01 | 3.2E+07 | 1.0E+06 | 5E-07 | 2E-10 |
| 402 249TH ST | Carbon Disulfide | 8.2E+01 | 1.4E+09 | -- | 6E-08 | -- |
| 402 249TH ST | Chloroform | 6.2E+01 | 9.0E+07 | 4.9E+06 | 7E-07 | 1E-10 |
| 402 249TH ST | Ethanol | 4.6E+01 | 1.9E+08 | -- | 2E-07 | -- |
| 402 249TH ST | Ethylbenzene | 5.8E+00 | 6.3E+08 | 7.0E+06 | 9E-09 | 8E-12 |
| 402 249TH ST | Isopropanol | 1.0E+01 | 5.7E+08 | -- | 2E-08 | -- |
| 402 249TH ST | Naphthalene | 3.3E+00 | 2.3E+05 | 6.3E+04 | 1E-05 | 5E-10 |
| 402 249TH ST | p/m-Xylene | 9.1E+00 | 5.9E+07 | -- | 2E-07 | -- |

**Table E-9**
**COC-Specific Risk and Hazard Results**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Location | Constituent of Concern | Maximum Detected EPC (µg/m$^3$) | Construction and Utility Maintenance Worker | | | |
|---|---|---|---|---|---|---|
| | | | SSCGnc | SSCGc | Noncancer Hazard | Cancer Risk |
| 402 249TH ST | Tetrachloroethene | 8.1E+00 | 5.5E+07 | 6.6E+06 | 2E-07 | 1E-11 |
| 402 249TH ST | Tetrahydrofuran | 7.9E+00 | 4.9E+08 | -- | 2E-08 | -- |
| 402 249TH ST | Toluene | 3.5E+01 | 3.7E+09 | -- | 1E-08 | -- |
| 402 249TH ST | trans-1,2-Dichloroethene | 6.2E+00 | 9.3E+07 | -- | 7E-08 | -- |
| 408 249TH ST | 1,4-Dioxane | 2.7E+01 | 1.3E+08 | 1.6E+05 | 2E-07 | 2E-09 |
| 408 249TH ST | 2,2,4-Trimethylpentane | 8.0E+00 | 6.5E+08 | -- | 1E-08 | -- |
| 408 249TH ST | Benzene | 3.7E+01 | 3.2E+07 | 1.0E+06 | 1E-06 | 4E-10 |
| 408 249TH ST | Carbon Disulfide | 3.2E+01 | 1.4E+09 | -- | 2E-08 | -- |
| 408 249TH ST | Ethanol | 1.5E+01 | 1.9E+08 | -- | 8E-08 | -- |
| 408 249TH ST | Ethylbenzene | 1.1E+01 | 6.3E+08 | 7.0E+06 | 2E-08 | 2E-11 |
| 408 249TH ST | Hexane | 5.6E+00 | 1.7E+09 | -- | 3E-09 | -- |
| 408 249TH ST | Naphthalene | 5.0E-01 | 2.3E+05 | 6.3E+04 | 2E-06 | 8E-11 |
| 408 249TH ST | o-Xylene | 1.6E+01 | 5.9E+07 | -- | 3E-07 | -- |
| 408 249TH ST | p/m-Xylene | 5.3E+01 | 5.9E+07 | -- | 9E-07 | -- |
| 408 249TH ST | Toluene | 1.4E+02 | 3.7E+09 | -- | 4E-08 | -- |
| 412 249TH ST | 2-Butanone (Methyl Ethyl Ketone) | 4.6E+00 | 1.1E+09 | -- | 4E-09 | -- |
| 412 249TH ST | Benzene | 4.7E+00 | 3.2E+07 | 1.0E+06 | 2E-07 | 5E-11 |
| 412 249TH ST | Carbon Disulfide | 1.7E+01 | 1.4E+09 | -- | 1E-08 | -- |
| 412 249TH ST | Ethanol | 9.5E+00 | 1.9E+08 | -- | 5E-08 | -- |
| 412 249TH ST | Ethylbenzene | 6.5E+00 | 6.3E+08 | 7.0E+06 | 1E-08 | 9E-12 |
| 412 249TH ST | Naphthalene | 9.1E+00 | 2.3E+05 | 6.3E+04 | 4E-05 | 1E-09 |
| 412 249TH ST | p/m-Xylene | 5.2E+00 | 5.9E+07 | -- | 9E-08 | -- |
| 412 249TH ST | Tetrachloroethene | 3.0E+01 | 5.5E+07 | 6.6E+06 | 5E-07 | 5E-11 |
| 412 249TH ST | Tetrahydrofuran | 3.7E+00 | 4.9E+08 | -- | 8E-09 | -- |
| 412 249TH ST | Toluene | 1.2E+01 | 3.7E+09 | -- | 3E-09 | -- |

Notes:
" -- " not applicable
COC = Constituent of Concern; EPC = exposure point concentration
SSCG = Site-specific cleanup goals; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects
No COC-specific noncancer hazard or COC-specific cancer risk >1 nor >1E-05, respectively

**Appendix E**
**Detailed Risk Calculations**

**Table E-10**
**COC-Specific Risk and Hazard Results, Streets**
**Construction and Utility Maintenance Worker**
**Soil Vapor to Outdoor Air**

| Constituent of Concern | SSCGnc | SSCGc | Construction and Utility Maintenance Worker | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | EPC Based on Max | | | | EPC Based on 95UCL[1] | | | |
| | | | EPC (µg/m$^3$) | EPC Basis | Noncancer Hazard | Cancer Risk | EPC (µg/m$^3$) | EPC Basis | Noncancer Hazard | Cancer Risk |
| 1,1,2,2-Tetrachloroethane | 1.8E+07 | 1.2E+05 | 9.0E+03 | Max | 5E-04 | 7E-07 | 9.0E+03 | Max | 5E-04 | 7E-07 |
| 1,1,2-Trichloroethane | 1.0E+05 | 8.6E+05 | 7.1E+00 | Max | 7E-05 | 8E-11 | 7.1E+00 | Max | 7E-05 | 8E-11 |
| 1,1-Dichloroethane | 9.9E+08 | 2.5E+07 | 2.0E+02 | Max | 2E-07 | 8E-11 | 2.0E+02 | Max | 2E-07 | 8E-11 |
| 1,2,4-Trimethylbenzene | 2.3E+06 | -- | 9.9E+05 | Max | 4E-01 | -- | 3.0E+04 | 95UCL | 2E-02 | -- |
| 1,2-Dichloroethane | 4.4E+06 | 8.5E+05 | 1.7E+03 | Max | 4E-04 | 2E-08 | 3.6E+01 | 95UCL | 1E-05 | 5E-10 |
| 1,3,5-Trimethylbenzene | 2.3E+06 | -- | 4.5E+05 | Max | 2E-01 | -- | 1.3E+04 | 95UCL | 7E-03 | -- |
| 1,4-Dichlorobenzene | 2.3E+08 | 7.2E+05 | 1.7E+02 | Max | 8E-07 | 2E-09 | 1.7E+02 | Max | 8E-07 | 2E-09 |
| 2,2,4-Trimethylpentane | 6.5E+08 | -- | 1.4E+01 | Max | 2E-08 | -- | 1.4E+01 | Max | 2E-08 | -- |
| 2-Butanone (Methyl Ethyl Ketone | 1.1E+09 | -- | 1.6E+05 | Max | 1E-04 | -- | 7.4E+03 | 95UCL | 8E-06 | -- |
| 2-Hexanone | 7.9E+06 | -- | 1.6E+04 | Max | 2E-03 | -- | 4.7E+02 | 95UCL | 7E-05 | -- |
| 4-Ethyltoluene | 2.5E+07 | -- | 4.4E+05 | Max | 2E-02 | -- | 1.4E+04 | 95UCL | 6E-04 | -- |
| Benzene | 3.2E+07 | 1.0E+06 | 3.8E+06 | Max | 1E-01 | **4E-05** | 1.4E+05 | 95UCL | 5E-03 | 2E-06 |
| Bromodichloromethane | 7.2E+07 | 7.8E+05 | 1.2E+04 | Max | 2E-04 | 2E-07 | 1.2E+04 | Max | 2E-04 | 2E-07 |
| Bromomethane | 9.5E+06 | -- | 1.4E+00 | Max | 2E-07 | -- | 1.4E+00 | Max | 2E-07 | -- |
| Carbon Disulfide | 1.4E+09 | -- | 1.7E+05 | Max | 1E-04 | -- | 7.3E+03 | 95UCL | 6E-06 | -- |
| Chloroform | 9.0E+07 | 4.9E+06 | 3.7E+02 | Max | 4E-06 | 8E-10 | 1.3E+01 | 95UCL | 2E-07 | 3E-11 |
| cis-1,2-Dichloroethene | 8.3E+06 | -- | 6.9E+02 | Max | 8E-05 | -- | 1.4E+01 | 95UCL | 2E-06 | -- |
| Cumene (Isopropylbenzene) | 1.5E+09 | -- | 3.1E+04 | Max | 2E-05 | -- | 6.3E+03 | 95UCL | 5E-06 | -- |
| Cyclohexane | 1.8E+10 | -- | 2.7E+06 | Max | 1E-04 | -- | 2.5E+05 | 95UCL | 1E-05 | -- |
| Ethanol | 1.9E+08 | -- | 5.4E+04 | Max | 3E-04 | -- | 2.1E+03 | 95UCL | 1E-05 | -- |
| Ethylbenzene | 6.3E+08 | 7.0E+06 | 1.8E+06 | Max | 3E-03 | 3E-06 | 6.8E+04 | 95UCL | 1E-04 | 1E-07 |
| Heptane | 2.3E+09 | -- | 1.0E+06 | Max | 4E-04 | -- | 4.9E+04 | 95UCL | 3E-05 | -- |
| Hexachloro-1,3-Butadiene | 2.2E+05 | 8.0E+04 | 2.0E+03 | Max | 9E-03 | 2E-07 | 2.0E+03 | Max | 9E-03 | 3E-07 |
| Hexane | 1.7E+09 | -- | 1.9E+06 | Max | 1E-03 | -- | 8.9E+04 | 95UCL | 7E-05 | -- |
| Isopropanol | 5.7E+08 | -- | 4.5E+05 | Max | 8E-04 | -- | 2.1E+04 | 95UCL | 4E-05 | -- |
| Methylene Chloride | 6.1E+08 | 2.8E+07 | 7.3E+03 | Max | 1E-05 | 3E-09 | 2.2E+02 | 95UCL | 4E-07 | 9E-11 |
| Methyl-tert-Butyl Ether | 1.8E+09 | 6.5E+07 | 2.8E+03 | Max | 2E-06 | 4E-10 | 8.0E+01 | 95UCL | 5E-08 | 1E-11 |
| Naphthalene | 2.3E+05 | 6.3E+04 | 7.3E+03 | Max | 3E-02 | 1E-06 | 1.1E+03 | 95UCL | 5E-03 | 2E-07 |
| o-Xylene | 5.9E+07 | -- | 2.1E+04 | Max | 4E-04 | -- | 9.5E+02 | 95UCL | 2E-05 | -- |
| p/m-Xylene | 5.9E+07 | -- | 1.7E+05 | Max | 3E-03 | -- | 1.7E+04 | 95UCL | 4E-04 | -- |
| Propylbenzene | 6.6E+08 | -- | 3.7E+04 | Max | 6E-05 | -- | 7.4E+03 | 95UCL | 1E-05 | -- |
| Tetrachloroethene | 5.5E+07 | 6.6E+06 | 5.3E+03 | Max | 1E-04 | 8E-09 | 2.1E+02 | 95UCL | 4E-06 | 4E-10 |
| Tetrahydrofuran | 4.9E+08 | -- | 8.5E+00 | Max | 2E-08 | -- | 8.5E+00 | Max | 2E-08 | -- |
| Toluene | 3.7E+09 | -- | 3.7E+06 | Max | 1E-03 | -- | 1.1E+05 | 95UCL | 3E-05 | -- |
| trans-1,2-Dichloroethene | 9.3E+07 | -- | 5.6E+03 | Max | 6E-05 | -- | 8.9E+01 | 95UCL | 1E-06 | -- |
| trans-1,3-Dichloropropene | 4.4E+07 | 3.9E+06 | 6.5E+00 | Max | 2E-07 | 2E-11 | 6.5E+00 | Max | 2E-07 | 2E-11 |
| Trichloroethene | 2.0E+06 | 6.7E+06 | 6.6E+03 | Max | 3E-03 | 1E-08 | 1.0E+02 | 95UCL | 6E-05 | 2E-10 |
| Vinyl Chloride | 2.3E+08 | 8.3E+05 | 4.6E+00 | Max | 2E-08 | 6E-11 | 4.6E+00 | Max | 2E-08 | 6E-11 |
| **Cumulative Noncancer Hazard and Cancer Risk =** | | | | | **8E-01** | **4E-05** | | | **4E-02** | **3E-06** |

Notes:

" -- " not applicable

COC = Constituent of Concern; EPC = exposure point concentration; 95UCL = 95 percent upper confidence limit

SSCG = Site-specific cleanup goals; SSCGnc = based on noncancer effects; SSCGc = based on cancer effects

[1] EPCs were based on the 95UCLs; however, if not available, the maximum detect (Max) was used as the EPC.

**Bold** + Shaded if COC-specific noncancer hazard >1 or COC-specific cancer risk >1E-05